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Project name:
PFAS Biosolids - Bronson

Project ref:
60588767

From:
AECOM

Date:
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Memo

Subject: Addendum No. 1 - Evaluation of Bronson Wastewater Treatment Plant Biosolids Land Application Sites 07S08W10-CA03, 07S08W11-CA04 & CA05

1. Introduction

This document serves as an addendum to the Technical Memorandum titled *Evaluation of Bronson Wastewater Treatment Plant Biosolids Land Application Sites 07S08W10-CA03 and 07S08W11-CA04 & CA05*. The purpose of the investigation was to track the concentrations of per- and polyfluoroalkyl substances (PFAS), including possible fluctuations at the land application sites. Groundwater monitoring wells installed at land application sites 07S08W10-CA03 (Site CA03), 07S08W11-CA04 (Site CA04), and 07S08W11-CA05 (Site CA05) were resampled on March 8, 2021.

2. Background

The March 2021 groundwater sampling event, conducted by AECOM, was performed in accordance with applicable AECOM, EGLE, and US Environmental Protection Agency (USEPA) guidance documents, including the Scope of Work and the Quality Assurance Project Plan (QAPP), previously developed in 2018 and recently revised in March 2021. The USEPA has classified PFAS as emerging contaminants that EGLE regulates under Part 201, Environmental Remediation, and Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, Act 451 of 1994, as amended and their

respective administrative rules, specifically Rule 299.44-299.50 (Generic Cleanup Criteria) and Rule 323.1057 (Rule 57) (Toxic Substances) of the Michigan Administrative Code. PFAS are a complex family of more than 4,750 human-made fluorinated organic chemicals. Due to their unique chemical properties, PFAS have been used in many industries and consumer products since the late 1950s. The Interstate Technology Regulatory Council (ITRC) has identified four primary sources of PFAS: fire training/fire response sites, industrial sites, landfills, and wastewater treatment plants/biosolids.

In May 2018, the Bronson Wastewater Treatment Plant (WWTP) identified an industrial user, a chrome plating facility, as a significant source of perfluorooctanesulfonic acid (PFOS) to their facility and elevated levels of PFOS in the effluent. AECOM initially sampled the Bronson WWTP on October 31, 2018. PFAS samples were also collected from multiple environmental media from three (3) agricultural fields where biosolids from the Bronson WWTP were land applied (**Figure 1**). A summary of all the results for the Bronson WWTP and the three (3) agricultural fields evaluated is presented in two reports (AECOM, 2021a, and AECOM, 2021b).

3. Groundwater Sampling and Analytical Methodology

Site CA03 is a 22-acre field located southeast of Sackett Road and Prairie River Road in Bronson, Michigan, approximately two (2) miles west of the Bronson WWTP. Site CA04, a nine (9)-acre field, and Site CA05, a 45-acre field, are located southwest of Sackett Road and Burr Oak Road in Bronson, Michigan, approximately one (1) mile west of the Bronson WWTP. Site CA04 is a small dog-leg shaped field to the south of Site CA05. Site CA04 was sometimes previously managed and reported as part of Site CA05. All sites are owned and farmed by the same landowner/farmer (**Figure 1**). Surface soil, surface water, and groundwater were previously sampled for PFAS in 2019 and 2020. The following groundwater monitoring wells were resampled in March 2021: CA03-MW1D, CA03-MW1S, CA04-MW1D, CA04-MW1S, CA05-MW1D, CA05-MW1S, CA05-MW2D, and CA05-MW2S. The monitoring well locations and PFAS results are shown in **Figures 2a** and **2b**. A field duplicate sample was collected from CA03-MW1S for quality control purposes.

Before collecting the groundwater samples, static water levels were measured using a decontaminated electronic water tape from the top of the well casing of each of the wells. Each monitoring well was purged, and groundwater samples were collected for PFAS analysis in laboratory-supplied containers. Water quality parameters (temperature, specific conductance, pH, dissolved solids, oxidation-reduction potential, and turbidity) were recorded following AECOM groundwater Standard Operating Procedures using a YSI Pro DDS water quality meter. Water quality measurements recorded during purging are summarized in **Appendix A**.

4. Groundwater Sampling Results

The local groundwater elevations including shallow and deep flows from the fields sampled are presented in **Figures 3a**, **3b-1**, and **3b-2**. There is only one well cluster at CA03, so there is not enough data to determine groundwater flow direction there but based on regional flow it is expected to be southwest. Groundwater flow is generally to the south/southwest in shallow

and deep monitoring wells in fields CA04 and CA05. The regional groundwater elevation map based on EGLE-provided groundwater elevation data is provided in **Figure 4** and shows a groundwater mound around the northern half of field CA05 with groundwater flow radiating outward from that area. This is in agreement with the measured groundwater values. The regional flow further indicates that groundwater flows toward CA03 from the east-northeast and likely flows from the field to the waterways lying to the south and the northwest.

The laboratory analytical results for groundwater samples collected from monitoring wells CA03-MW1D, CA03-MW1S, CA04-MW1D, CA04-MW1S, CA05-MW1D, CA05-MW1S, CA05-MW2D, and CA05-MW2S are summarized below and are presented in **Table 1**. Laboratory analytical reports are provided in **Appendix B**.

The PFOS, PFOA, and total PFAS data from the eight wells are summarized in the table below.

Groundwater Sample Location	Sample Date	Field Site	Total PFAS ¹	PFOA ¹	PFOS ¹
GW2103081610GSC	3/8/2021	CA03-MW1D	ND	< 0.979	< 0.979
GW2103081655GSC	3/8/2021	CA03-MW1S	177.87	6.87	< 1.01
GW2103081655GSC-FD	3/8/2021	CA03-MW1S	171.03	6.43	< 0.938
GW2103081245GSC	3/8/2021	CA04-MW1D	5.53	< 0.990	< 0.990
GW2103081315GSC	3/8/2021	CA04-MW1S	15.24	< 0.992	< 0.992
GW2103081355GSC	3/8/2021	CA05-MW1D	ND	< 1.00	< 1.00
GW2103081435GSC	3/8/2021	CA05-MW1S	2.11	< 1.01	< 1.01
GW2103081135GSC	3/8/2021	CA05-MW2D	ND	< 1.01	< 1.01
GW2103081100GSC	3/8/2021	CA05-MW2S	ND	< 0.974	< 0.974

¹Units are in nanograms per liter (ng/L) or parts per trillion. ND = There were no PFAS detected; please refer to Table 1 for the detection limits for each individual PFAS. Detections are shown in bold.

Only the sample collected from CA03-MW1S contained a detectable concentration of PFOA, but it did not exceed Part 201 Residential and Nonresidential Drinking-Water Criteria (DWC) for PFOA of 8 ng/L. The other seven (7) monitoring wells reported non-detectable values for both PFOA and PFOS.

Four (4) of the monitoring wells had some PFAS compounds detected. Of the 28 PFAS compounds analyzed, PFBA, PFPeA, PFHxA, PFHpA, PFOA, and PFBS were detected in the samples. The highest total PFAS concentration of 177.87 ng/L was detected in the shallow monitoring well CA03-MW1S along the southern edge of Site CA03. CA03-MW1S is screened from 5 to 10 ft below ground surface (bgs), possibly in a perched groundwater zone. This well also contained the highest total PFAS concentration in January 2020, although the March 2021 concentrations were lower. There were no detections of PFAS at the deeper well in this cluster, CA03-MW1D, which is screened from 21-26 ft bgs.

There were detections of PFBA and PFBS in both wells CA04-MW1S and CA04-MW1D, and the shallow well also contained PFPeA and PFHxA. The March 2021 concentrations in the shallow well, screened from 5-10 ft bgs, were slightly higher than they were in January 2020. The concentrations in the deeper well, screened from 30-35 ft bgs, were similar to the results from January 2020.

Shallow well CA05-MW1S is screened from 4-9 ft bgs and contained a low concentration of PFPeA. The remaining four (4) wells did not contain any detectable PFAS concentrations.

5. Conclusions

Groundwater flow continues to be generally to the south, with the maximum total PFAS concentration detected in well CA03-MW1S and the second-highest total PFAS concentration detected in downgradient well CA04-MW1S. The regional groundwater flow shows a mound to the north of fields CA04 and CA05 with a radial regional groundwater flow and a southwesterly flow toward CA03. The measured groundwater flow observed during the January 2020 and March 2021 sampling events was generally to the south, which agrees with the regional groundwater flow. Due to the limited number of monitoring wells, the groundwater flow directions are approximate.

There were no exceedances of Part 201 DWC in any wells during the 2021 sampling event, with very similar concentrations to those detected in January 2020. During the January 2020 sampling event, PFOA was the only PFAS detected above the Part 201 DWC of 8 ng/L and was detected in the shallow screened well, CA03-MW1S. However, the deeper well at the same location, CA03-MW1D, which is screened from 21 to 26 ft bgs, did not indicate any PFAS impact, with all the PFAS compounds being non-detect during both sampling events from January 2020 and March 2021. Based on the regional groundwater flow, location of residential wells in the area, and minimal PFAS concentrations identified in the deep wells, there does not appear to be a potential risk to the downgradient drinking water wells.

6. References

AECOM, Evaluation of PFAS in Influent, Effluent, and Residuals of Wastewater Treatment Plants (WWTPs) in Michigan, April 2021a. Retrieved from:

<https://www.michigan.gov/-/media/Project/Websites/egle/Documents/Programs/WRD/IPP/pfas-initiatives-statewide-full-report.pdf>

AECOM, Evaluation of Bronson Wastewater Treatment Plant Biosolids Land Application Sites 07S08W10-CA03, 07S08W11-CA04 & CA05, AECOM, April 2021b. Retrieved from:

<https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/WRD/Biosolids/PFAS-Biosolids-Field-Report-D-Bronson-WWTP.pdf>

Michigan Department of Environment, Great Lakes, and Energy, *General PFAS Sampling Guidance* [Technical Guidance], 2018. Retrieved from:

<https://www.michigan.gov/-/media/Project/Websites/PFAS-Response/Sampling-Guidance/General.pdf>

Michigan Department of Environment, Great Lakes, and Energy, *Groundwater PFAS Sampling Guidance* [Technical Guidance], 2018. Retrieved from:

<https://www.michigan.gov/-/media/Project/Websites/PFAS-Response/Sampling-Guidance/Groundwater.pdf>

- Attachments:**
- Figure 1** – Bronson Biosolids Application Fields Overview
 - Figure 2a** – 07S08W10-CA03 Groundwater Sampling Results
 - Figure 2b** – 07S08W11-CA04 & CA05 Groundwater Sampling Results
 - Figure 3a** – 07S08W10-CA03 Local Groundwater Contours
 - Figure 3b-1** – 07S08W11-CA04 & CA05 Shallow Groundwater Contours
 - Figure 3b-2** – 07S08W11-CA04 & CA05 Deep Groundwater Contours
 - Figure 4** – 07S08W10-CA03, 07S08W11-CA04 & CA05 Potential Receptors
 - Table 1** – 07S08W10-CA03, 07S08W11-CA04 & CA05 Groundwater PFAS Analytical Results Summary
 - Appendix A** – 2021 Field Forms
 - Appendix B** – 2021 Analytical Reports

Figures



AECOM

Drawn: JS Date: 5/12/2020

Approved: DB Date: 5/12/2020

Project #:



Legend

● Waste Water Treatment Plant

■ Biosolids Application Field

0

1

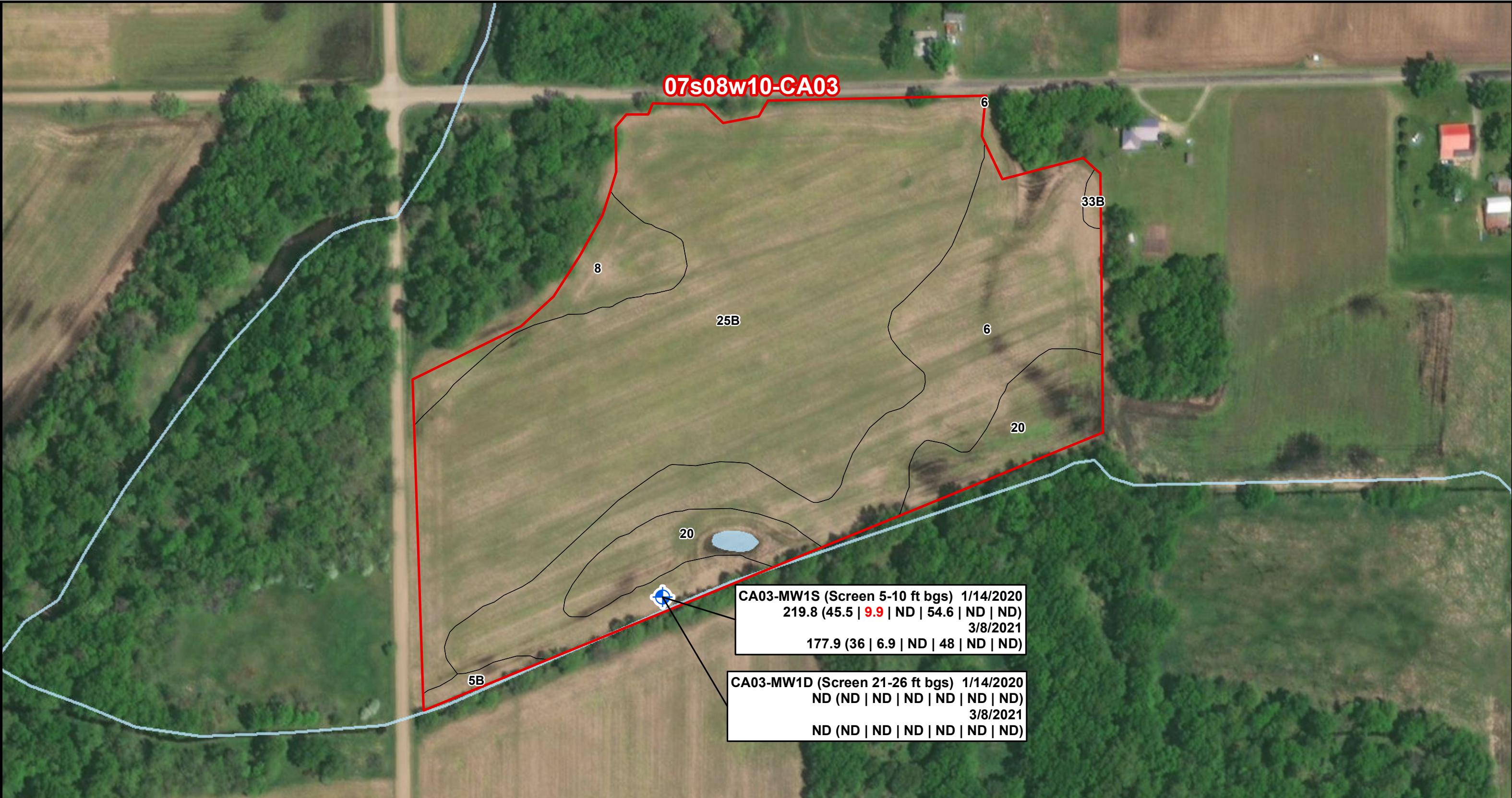
2

Miles



FIGURE 1
BRONSON BIOSOLIDS APPLICATION
FIELDS OVERVIEW

BRONSON, MI



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Legend

- Monitoring Well Sample
- Biosolids Application Field
- Soil Type

Sample Location (Well Screen) **Sample Date**
Total PFAS (PFHxA | PFOA | PFNA | PFBS | PFHxS | PFOS)

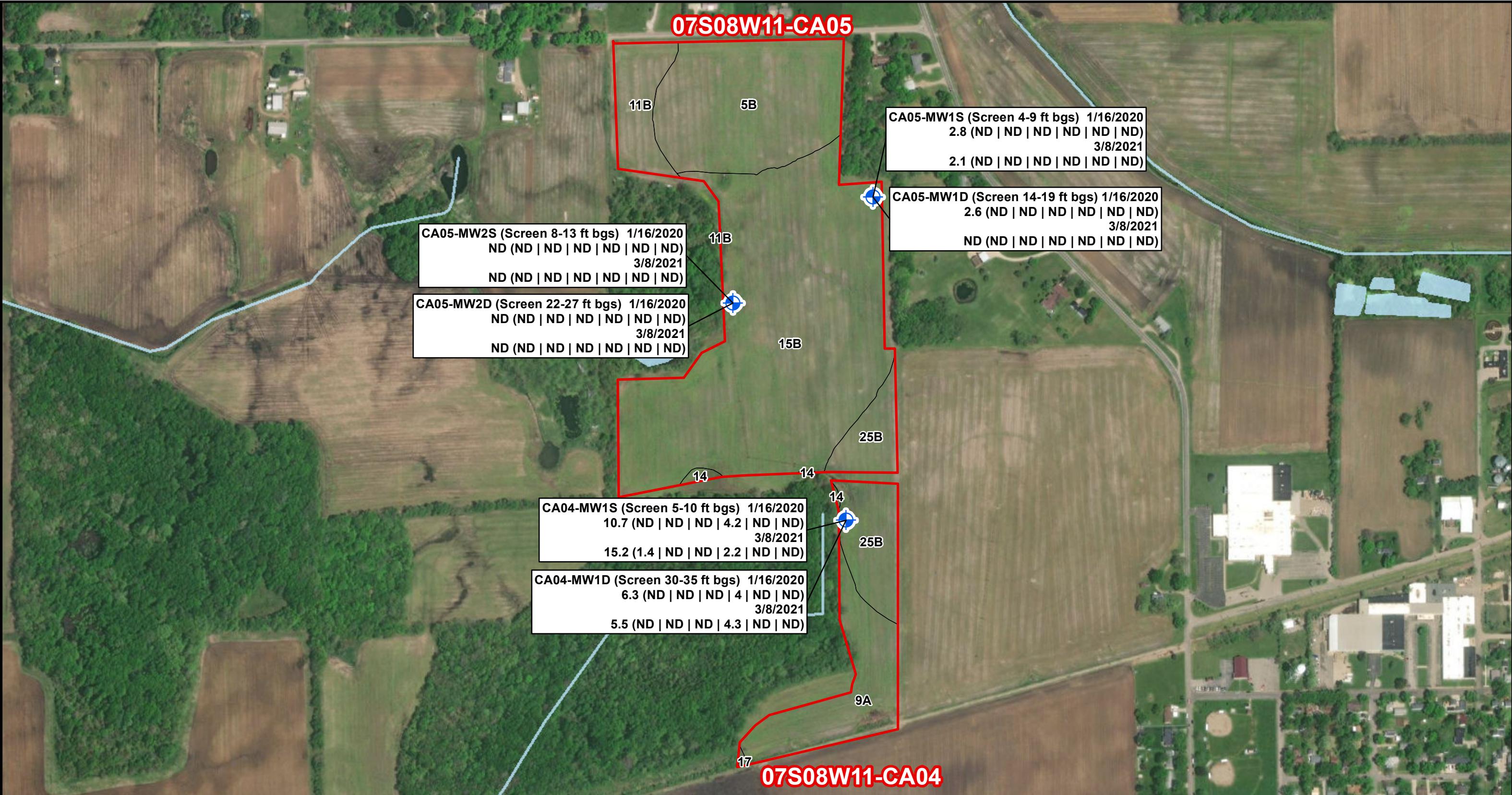
All sample results are in ng/L
 ND = non-detect, Typical detection limit is <0.938 to <1.98, refer to summary groundwater table for detailed results.
 Total PFAS is sum of 24 PFAS analytes for samples collected in 2020 and 28 PFAS analytes for samples collected in 2021.
red text indicates exceedance of Part 201 DWC

Michigan Part 201 Residential & Nonresidential
 Drinking Water Criteria (DWC), ng/L
 PFHxA = 400,000
 PFOA = 8
 PFNA = 6
 PFBS = 420
 PFHxS = 51
 PFOS = 16

0 120 240 480
 Feet

N

FIGURE 2a
07S08W10-CA03
GROUNDWATER SAMPLING RESULTS
BRONSON, MI



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Legend

● Monitoring Well Sample

■ Biosolids Application

□ Soil Type

Sample Location (Well Screen) **Sample Date**
Total PFAS (PFHxA | PFOA | PFNA | PFBS | PFHxS | PFOS)

All sample results are in ng/L
ND = non-detect, Typical detection limit is <0.938 to <1.98, refer to summary groundwater table for detailed results.
Total PFAS is sum of 24 PFAS analytes for samples collected in 2020 and 28 PFAS analytes for samples collected in 2021.
red text indicates exceedance of Part 201 DWC

Michigan Part 201 Residential & Nonresidential Drinking Water Criteria (DWC), ng/L

PFHxA = 400,000

PFOA = 8

PFNA = 6

PFBS = 420

PFHxS = 51

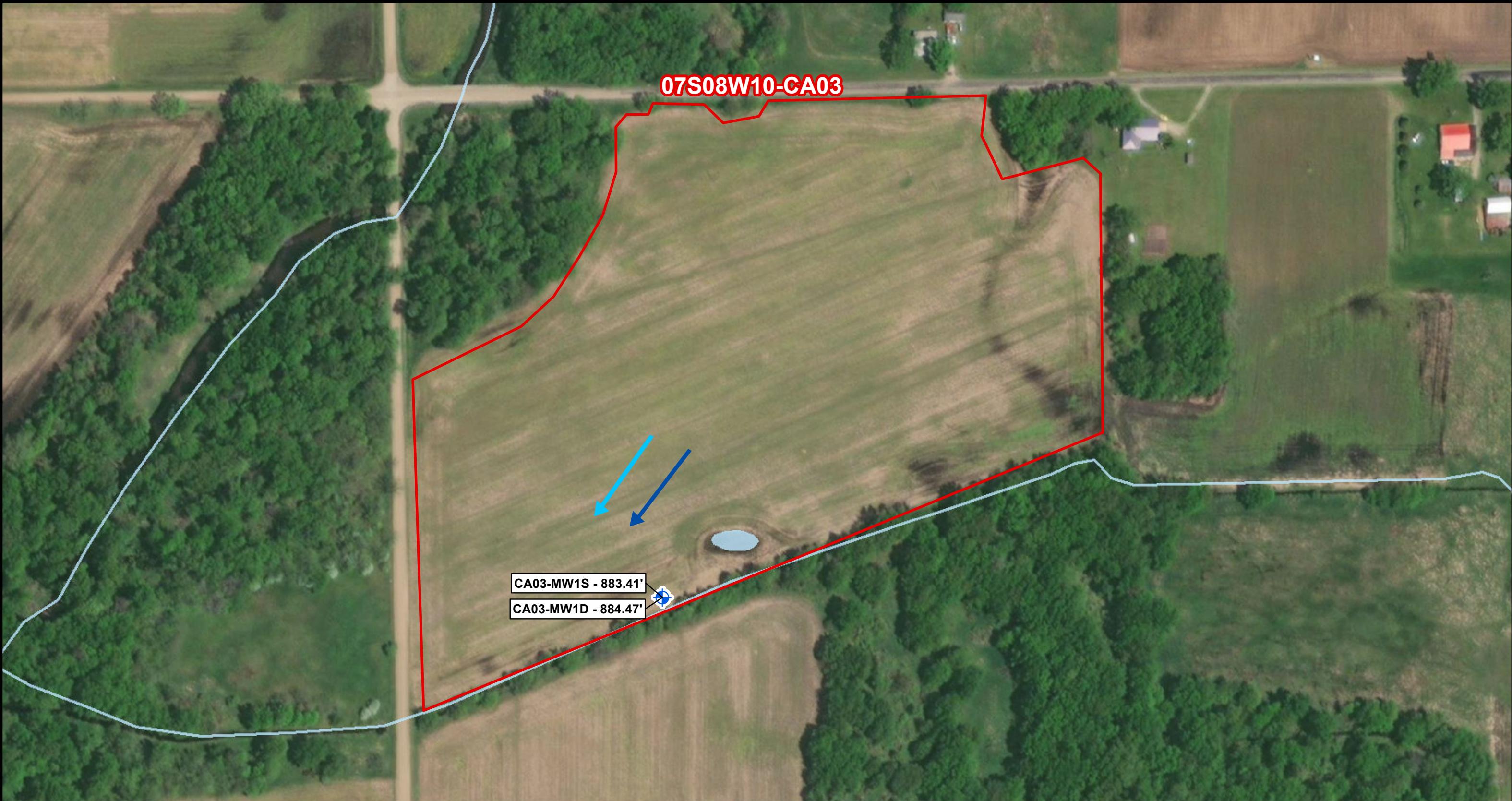
PFOS = 16

0 300 600 1,200
Feet



FIGURE 2b
07S08W11-CA04 & CA05
GROUNDWATER SAMPLING RESULTS

BRONSON, MI



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Legend

- Monitoring Well Sample
- Biosolids Application Field
- Soil Type

→ Estimated Shallow GW Flow Direction

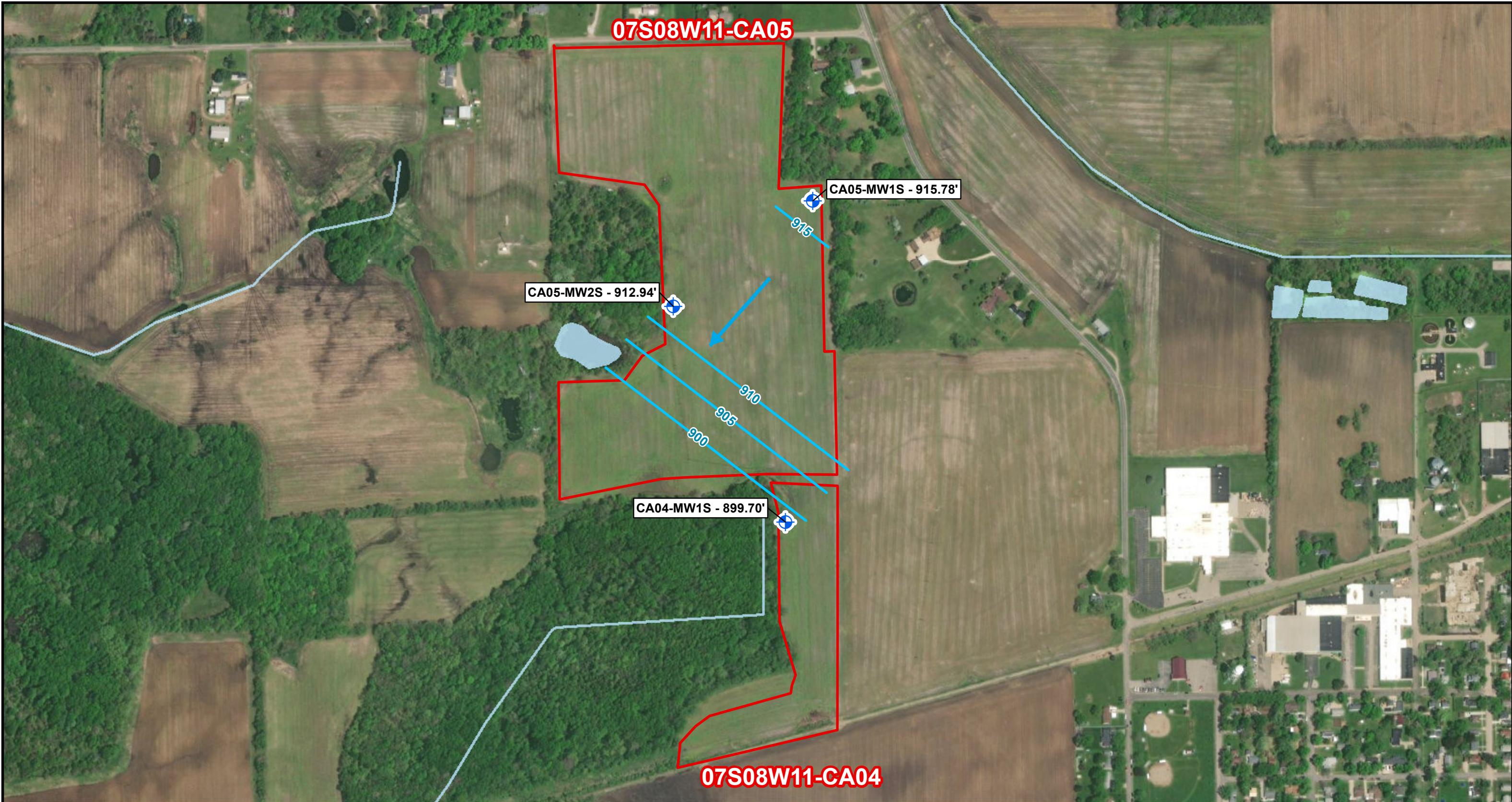
→ Estimated Deep GW Flow Direction

Note: All Groundwater Elevations are Estimated Using
Measured Depth to Water From DEM Ground Elevation

0 84 168 252 336 420



FIGURE 3a
07S08W10-CA03
LOCAL GROUNDWATER CONTOURS
BRONSON, MI



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0 200 400 600 800 1,000 2,000
Feet



FIGURE 3b-1
07S08W11-CA04 & CA05
SHALLOW GROUNDWATER CONTOURS

BRONSON, MI



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Legend

- Monitoring Well Sample
- Biosolids Application
- Soil Type
- Deep Groundwater (GW) Contours (5 ft interval)
- Estimated Deep GW Flow Direction

Note: All Groundwater Elevations are Estimated Using
Measured Depth to Water From DEM Ground Elevation

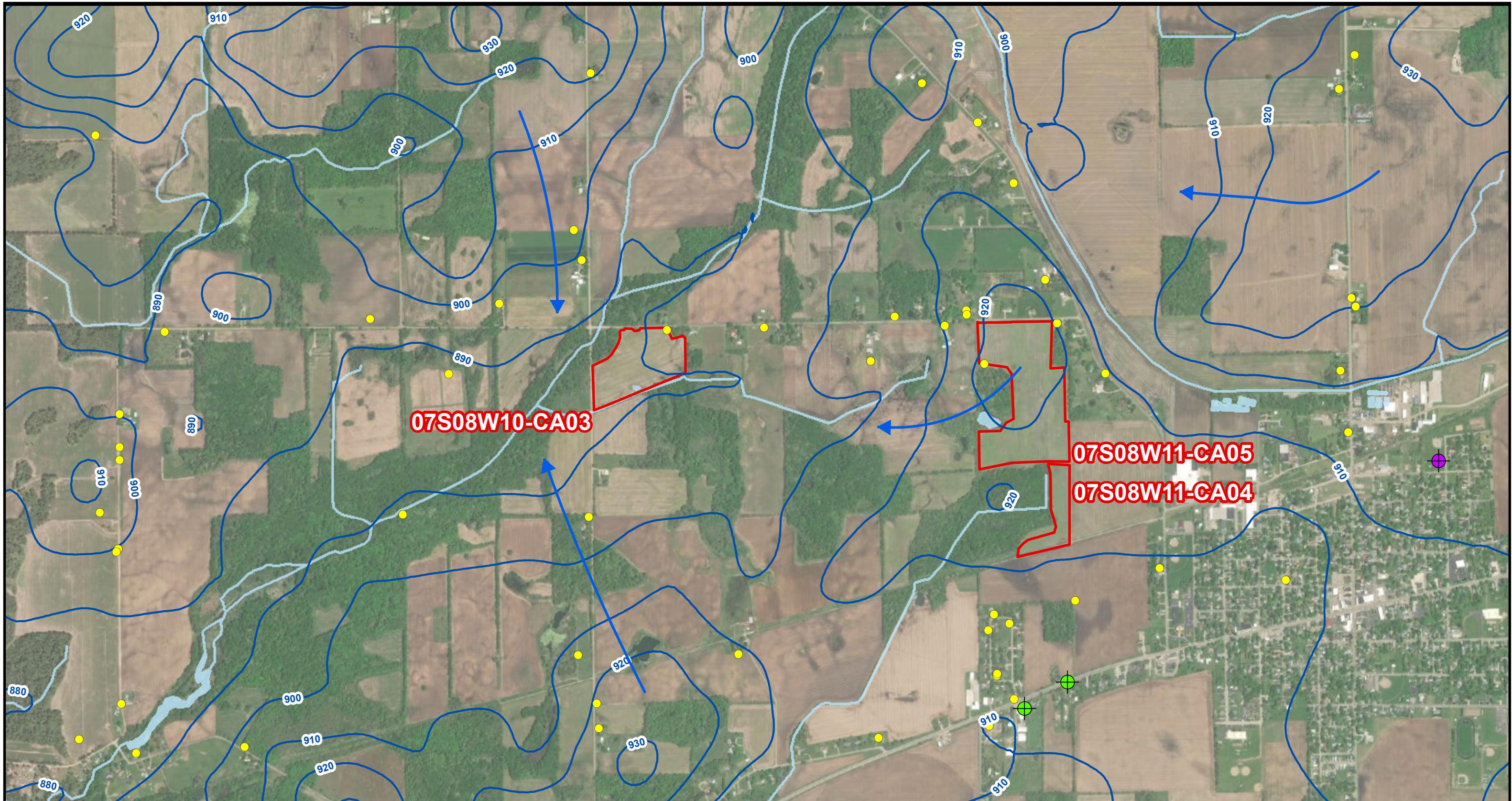
0 200 400 600 800 1,000

2,000
Feet



FIGURE 3b-2
07S08W11-CA04 & CA05
DEEP GROUNDWATER CONTOURS

BRONSON, MI



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Legen

- Yellow circle: Wellogic Water Wells
 - Red square: Biosolids Application
 - Purple circle with cross: Wellogic Type I Wells
 - Blue line: GW Elevation Contours (10' interval)
 - Green circle with cross: Wellogic Type II Wells
 - Blue arrow: Approximate GW Flow Direction

0 680 1,360 2,040 2,720 3,400

1

FIGURE 4
07S08W10-CA03, 07S08W11-CA04 & CA05
POTENTIAL RECEPTORS

Table

Table 1
07S08W10-CA03, 07S08W11-CA04 & CA05 Groundwater
PFAS Analytical Results Summary

Location	Sample Date	Total PFAS	PFBA	PFPeA	PFHxA	PFHpA	PFOA	PFNA	PFDA	PFUnDA	PFDoDA	PFTrDA	PFTeDA	PFBS	PFPeS	PFHxS	PFHpS	PFOS	PFNS	PFDS	FOSA	4:2 FTSA	6:2 FTSA	8:2 FTSA	N-EtFOSAA	N-MeFOSAA	PFECHS	9CI-PF3ONS	11CI-PF3OUdS	ADONA	HFPO-DA
BRON-CA03-MW1D	1/14/2020	ND	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38		
	3/8/2021	ND	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979	< 0.979		
BRON-CA03-MW1S	1/14/2020	219.76	35.6	50.2	45.5	24.0	9.86	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	54.6	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40		
	3/8/2021	177.87	30.4	41.3	36.0	15.3	6.87	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	48.0	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	
	3/8/2021 FD	171.03	29.2	41.0	33.7	15.3	6.43	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	45.4	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	< 0.938	
BRON-CA04-MW1D	1/16/2020	6.3	2.33	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	3.97	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	< 1.34	
	3/8/2021	5.53	1.26	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	4.27	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	< 0.990	
BRON-CA04-MW1S	1/16/2020	10.69	4.45	2.02	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	4.22	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	< 1.39	
	3/8/2021	15.24	7.00	4.59	1.44	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	2.21	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	< 0.992	
BRON-CA05-MW1D	1/16/2020	2.59	2.59	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	
	3/8/2021	ND	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
BRON-CA05-MW1S	1/16/2020	2.84	2.84	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	< 1.40	
	3/8/2021	2.11	< 1.01	2.11	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01
BRON-CA05-MW2D	1/16/2020	ND	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	< 1.36	
	3/8/2021	ND	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01	< 1.01
BRON-CA05-MW2S	1/16/2020	ND	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	
	1/16/2020 FD	ND	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	< 1.38	
	3/8/2021	ND	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	< 0.974	

Appendix A

AECOM

Low Flow Ground Water Sample Collection Record

Client: EGL
 Project: Bronson
 Project #: 60588767

Well ID: CA04-MW1D

Sample ID: GW2103081245 GS

INSPECTION

Label on well?	YES	NO	NA	Is cap locked?	YES	NO	NA
Is reference mark visible?	YES	NO	NA	Standing water present?	YES	NO	NA
Condition of well	<i>good</i>			Any indication of surface runoff in well?	YES	NO	NA
Weather	<i>Partly Cloudy</i>			Air Temperature:	<i>59°F</i>		
Notes:							

STATIC WATER LEVEL PRIOR TO PURGING

Date: 3-8-21 Time: 1215 AM/PM

Depth to Water: 7.69

Measured with: Electronic Tape

Length of Well: 37.77

Decontamination: DI Water

WELL PURGING

Date: 3-8-21	Begin Time: 1215	AM/PM	Purging Equipment: Peristaltic
	End Time: 1225	AM/PM	Decontamination: Pre Steam Cleaned New Tubing
			DI Water Other

CALCULATION OF 1 CASING VOLUME

ft.	Length of well
ft.	- depth of water (before purge start)
ft.	=length of water column
	x conversion factor (2" well) 0.16
Gal.	=1 casing volume

Yield: HIGH LOW

If low, recovery time:

Actual volume purged 2	gallons
Actual purge flow rate 300	ml/min or L/min

Notes

Time	Volume (gallons)	Depth to Water (Feet) <0.33'	pH (SU) +/- 0.1	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) +/- 10%	D.O. (mg/L) +/- 10%	Temp (°C) +/- 5%	ORP +/- 10 mV
Start: 1230	.4	7.69	6.79	0.675	6.09	1.41	13.4	-104.4
1235	.8	7.69	6.81	0.676	7.71	1.03	13.4	-111.6
1240	1.2	7.69	7.01	0.679	7.52	0.95	13.5	-120.4
1245	1.6	7.69	7.08	0.679	7.22	0.83	13.4	-128.6
Final: 1245	1.6	7.69	7.08	0.679	7.22	0.83	13.4	-128.6

SAMPLE COLLECTION

Date: 3-8-21 Time: 1245 AM/PM Method: Low Flow

Appearance of Sample: clear Actual Sample Flow Rate: 300 ml/min or L/min

SAMPLE BOTTLE COLLECTED: 2-250mL HDPE Bottles

SAMPLING PERSONNEL

Name: Garth Casner Company: AECOM

AECOM

Low Flow Ground Water Sample Collection Record

Client: Egle
Project: Branson
Project #: 60588767

Well ID: CA05-MW2A-D

Sample ID: GW210308/135 GS

INSPECTION

Label on well?	YES	NO	NA	Is cap locked?	YES	NO	NA
Is reference mark visible?	YES	NO	NA	Standing water present?	YES	NO	NA
Condition of well	good			Any indication of surface runoff in well?	YES	NO	NA
Weather	Partly Cloudy			Air Temperature:	53°F		
Notes:							

STATIC WATER LEVEL PRIOR TO PURGING

Date: 3-8-21 Time: 1105 AM/PM

Depth to Water: 11.57

Measured with: Electronic Tape

Length of Well: 22.15 29.88

Decontamination: DI Water

WELL PURGING

Date: 3-8-21

Begin Time: 1105 AM/PM

Purging Equipment: Peristaltic

End Time: 1115 AM/PM

Decontamination: Pre Steam Cleaned

New Tubing

DI Water Other

CALCULATION OF 1 CASING VOLUME

ft. Length of well

Yield: HIGH LOW

ft. - depth of water (before purge start)

If low, recovery time:

ft. =length of water column

Actual volume purged

2 gallons

x conversion factor (2" well) 0.16

Actual purge flow rate

300 ml/min or

L/min

Gal. =1 casing volume

Notes

Time	Volume (gallons)	Depth to Water (Feet) <0.33'	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (°C)	ORP
Start: 1115	.4	11.57	7.63	0.599	8.56	1.11	13.7	-101.4
1120	.8	11.57	7.60	0.594	5.80	1.02	13.7	-138.0
1125	1.2	11.57	7.60	0.596	2.70	0.91	13.6	-146.7
1130	1.6	11.57	7.60	0.600	3.50	0.85	13.7	-150.3
1135	2.0	11.57	7.61	0.595	6.00	0.78	13.5	-155.3
Final: 1135	2.0	11.57	7.61	0.595	6.00	0.78	13.5	-155.3

SAMPLE COLLECTION

Date: 3-8-21 Time: 1135 AM/PM Method: Low Flow

Appearance of Sample: clear Actual Sample Flow Rate: 300 ml/min or L/min

SAMPLE BOTTLE COLLECTED: 2-250ml HDPE Bottles

SAMPLING PERSONNEL

Name: Garth Cousins Company: AECOM

AECOM

Low Flow Ground Water Sample Collection Record

Client: EGLE
 Project: Bronson
 Project #: 60588767

Well ID: CA04-MW1S

Sample ID: GW2103081315 GSC

INSPECTION

Label on well?	YES	NO	NA	Is cap locked?	YES	NO	NA
Is reference mark visible?	YES	NO	NA	Standing water present?	YES	NO	NA
Condition of well	<i>good</i>			Any indication of surface runoff in well?	YES	NO	NA
Weather	<i>clear</i>			Air Temperature:	<i>60°F</i>		
Notes:							

STATIC WATER LEVEL PRIOR TO PURGING

Date: 3-5-21 Time: 10:50 AM/PM
 Depth to Water: 7.48
 Length of Well: 13.11

Measured with: Electronic Tape
 Decontamination: DI Water

Porkstallite Pump

DI Water

Other

WELL PURGING

Date: 3-5-21 Begin Time: 10:50 AM/PM Purgung Equipment:
 End Time: 13:00 AM/PM Decontamination: Pre Steam Cleaned
New Tubing

CALCULATION OF 1 CASING VOLUME

ft. Length of well	Yield: <i>HIGH</i> <i>LOW</i>
ft. - depth of water (before purge start)	If low, recovery time:
ft. =length of water column	
x conversion factor (2" well) 0.16	Actual volume purged
Gal. =1 casing volume	Actual purge flow rate

Notes

Time	Volume (gallons)	Depth to Water (Feet) <0.33'	pH (SU) +/- 0.1	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) +/- 10%	D.O. (mg/L) +/- 10%	Temp (°C) +/- 5%	ORP +/- 10 mV
Start: 1300	.4	7.48	7.03	0.707	4.81	0.63	15.0	-125.6
1305	.8	7.48	7.01	0.710	5.17	0.63	15.1	-125.7
1310	1.2	7.48	7.01	0.715	3.29	0.62	15.4	-124.6
1315	1.6	7.40	7.01	0.716	3.46	0.62	15.5	-124.4
Final:								

SAMPLE COLLECTION

Date: 3-8-21 Time: 1315 AM/PM Method: Low Flow

Appearance of Sample: clear Actual Sample Flow Rate: 300 ml/min or L/min

SAMPLE BOTTLE COLLECTED: 2 - 250mL Bottles HDPE

SAMPLING PERSONNEL

Name: Garth Corishan Company: AECOM

Low Flow Ground Water Sample Collection Record

Client:
Project:
Project #:

Well ID: CA05-MW1D

Sample ID: GW210308131355GSX

INSPECTION

Label on well?	YES	NO	NA	Is cap locked?	YES	NO	NA
Is reference mark visible?	YES	NO	NA	Standing water present?	YES	NO	NA
Condition of well	<i>Jose Haze</i>			Any indication of surface runoff in well?	YES	NO	NA
Weather				Air Temperature:	<i>63°F</i>		
Notes:							

STATIC WATER LEVEL PRIOR TO PURGING

Date: *3-08-21* Time: *1330* AM/PM

Depth to Water: *11.33*

Measured with: *Electronic Tape*

Length of Well: *22.15*

Decontamination: *DI Water*

WELL PURGING

Date: <i>3-8-21</i>	Begin Time: <i>1330</i>	AM/PM	Purging Equipment: <i>Peristaltic</i>
	End Time: <i>1340</i>	AM/PM	Decontamination: <i>Pre Steam Cleaned New Tubing</i>
			DI Water Other

CALCULATION OF 1 CASING VOLUME

ft. Length of well	Yield: <i>HIGH</i>
ft. - depth of water (before purge start)	If low, recovery time: _____
ft. =length of water column	
x conversion factor (2" well) 0.16	Actual volume purged <i>2</i> gallons
Gal. =1 casing volume	Actual purge flow rate <i>300</i> ml/min or L/min

Notes

Time	Volume (gallons)	Depth to Water (Feet) <0.33'	pH (SU) +/- 0.1	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) +/- 10%	D.O. (mg/L) +/- 10%	Temp (°C) +/- 5%	ORP +/- 10 mV
Start: <i>1340</i>	<i>.4</i>	<i>11.33</i>	<i>6.91</i>	<i>0.654</i>	<i>4.87</i>	<i>3.72</i>	<i>11.6</i>	<i>12.7</i>
<i>1345</i>	<i>.8</i>	<i>11.33</i>	<i>6.93</i>	<i>0.655</i>	<i>9.83</i>	<i>3.84</i>	<i>11.7</i>	<i>-2.4</i>
<i>1350</i>	<i>1.2</i>	<i>11.33</i>	<i>6.96</i>	<i>0.664</i>	<i>4.83</i>	<i>3.80</i>	<i>11.7</i>	<i>-8.2</i>
<i>1355</i>	<i>1.6</i>	<i>11.33</i>	<i>6.96</i>	<i>0.663</i>	<i>6.94</i>	<i>3.36</i>	<i>11.8</i>	<i>-9.8</i>
Final: <i>1355</i>	<i>1.6</i>	<i>11.33</i>	<i>6.96</i>	<i>0.663</i>	<i>6.94</i>	<i>3.36</i>	<i>11.8</i>	<i>-9.8</i>

SAMPLE COLLECTION

Date: *3-8-21* Time: *1355* AM/PM

Method *Low Flow*

Appearance of Sample: *clear*

Actual Sample Flow Rate: *300* ml/min or L/min

SAMPLE BOTTLE COLLECTED: *2-250ml*

SAMPLING PERSONNEL

Name: *Garth Casinga*

Company: *AECOM*

Low Flow Ground Water Sample Collection Record

Well ID: CA05-MW1S

Client: Egle
 Project: 60588261
 Project #: Bronson

Sample ID: GW2103081435 GSC

INSPECTION

Label on well?

 YES NO

NA

Is cap locked?

 YES NO

NA

Is reference mark visible?

 YES NO

NA

Standing water present?

 YES NO

NA

Condition of well

good

 NO

NA

Any indication of surface runoff in well?

 YES NO

NA

Weather

Hazy/wind

Air Temperature:

 YES

63°

 NO

NA

Notes:

STATIC WATER LEVEL PRIOR TO PURGING

Date: 3-8-21 Time: 1410 AM/PM

Depth to Water: 8.67

Measured with:

Electronic Tape

Length of Well: 16.19

Decontamination:

DI Water

WELL PURGING

Date: 3-8-21	Begin Time: 1410	AM/PM	Purging Equipment: <u>Peristaltic</u>
	End Time: 1420	AM/PM	Decontamination: <u>Pre Steam Cleaned New Tubing</u>
			DI Water Other

CALCULATION OF 1 CASING VOLUME

ft. Length of well

Yield: HIGH LOW

ft. - depth of water (before purge start)

If low, recovery time:

ft. = length of water column

x conversion factor (2" well) 0.16

Actual volume purged 2 gallons

Gal. = 1 casing volume

Actual purge flow rate 300 ml/min or L/min

Notes

Time	Volume (gallons)	Depth to Water (Feet) <0.33'	pH (SU) +/- 0.1	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) +/- 10%	D.O. (mg/L) +/- 10%	Temp (°C) +/- 5%	ORP +/- 10 mV
Start: 1420	-4	8.67	7.03	0.426	3.86	10.33	8.7	28.2
1425	.8	8.67	7.03	0.421	4.40	10.28	8.9	27.0
1430	1.2	8.67	7.02	0.422	4.92	10.19	8.9	25.8
1435	1.6	8.67	7.01	0.425	5.95	10.03	9.0	24.6
Final: 1435	1.6	8.67	7.01	0.425	5.95	10.03	9.0	24.6

SAMPLE COLLECTION

Date: 3-8-21 Time: 1435 AM/PM

Method: Low flow

Appearance of Sample: Clear

Actual Sample Flow Rate: 300 ml/min or L/min

SAMPLE BOTTLE COLLECTED: 2-250ml HOPE Bottles

SAMPLING PERSONNEL

Name: Garth Cousineau

Company: AECOM

Low Flow Ground Water Sample Collection Record

Well ID: CA03-MW1D

FB2103081600GSC

Sample ID: GW210308/610 GSC

GW210308

Client: EGL
 Project: Branson
 Project #: 60588767

INSPECTION									
Label on well?	YES	NO	NA	Is cap locked?	YES	NO	NA		
Is reference mark visible?	YES	NO	NA	Standing water present?	YES	NO	NA		
Condition of well	<i>Good</i>			Any indication of surface runoff in well?	YES	NO	NA		
Weather	<i>Partly cloudy</i>			Air Temperature:	<i>65°F</i>				
Notes:									

STATIC WATER LEVEL PRIOR TO PURGING

Date: 3-8-21 Time: 1530 AM/PM
 Depth to Water: 6.23
 Length of Well: 29.70

Measured with: Electronic Tape
 Decontamination: DI Water

WELL PURGING

Date: 3-8-21 Begin Time: 1530 AM/PM Purging Equipment: PortaShuttle
 End Time: 1550 AM/PM Decontamination: Pre-Steam Cleaned
 New Tubing DI Water Other

CALCULATION OF 1 CASING VOLUME

ft.	Length of well	Yield:	HIGH LOW
ft.	- depth of water (before purge start)	If low, recovery time:	
ft.	=length of water column		
	x conversion factor (2" well) 0.16	Actual volume purged	2 gallons
Gal.	=1 casing volume	Actual purge flow rate	300 ml/min or L/min

Notes

Orange Pieces in Purge

Time	Volume (gallons)	Depth to Water (Feet) <0.33'	pH (SU) +/- 0.1	Conductivity (mS/cm) +3%	Turbidity (NTU) +/- 10%	D.O. (mg/L) +/- 10%	Temp (°C) +/- 5%	ORP +/- 10 mV
Start: 1555	.4	6.23	7.45	0.391	8.24	0.32	12.3	-162.6
15561600	.8	6.23	7.44	0.391	5.72	0.25	12.2	-175.4
1605	1.2	6.23	7.43	0.398	2.46	0.19	12.1	-182.9
1610	1.6	6.23	7.45	0.384	3.33	0.14	11.9	-190.5
Final: 1610	1.6	6.23	7.45	0.384	3.33	0.14	11.9	-190.5

SAMPLE COLLECTION

Date: 3-8-21 Time: 1610 AM/PM Method: Low Flow

Appearance of Sample: clear Actual Sample Flow Rate: 300 ml/min or L/min

SAMPLE BOTTLE COLLECTED: 2-250ml HDPE Bottles

SAMPLING PERSONNEL

Name: Barth Casinow

Company: AECOM

Low Flow Ground Water Sample Collection Record

Well ID: EA03-MW1S

Client:
Project:
Project #:

Sample ID: GW210308/6ssGSC

GW210308/6ssGSC-FD

INSPECTION

Label on well?

YES

NO

NA

Is cap locked?

YES

YES

NO

NO

NA

NA

Is reference mark visible?

YES

NO

NA

Standing water present?

YES

YES

NO

NO

NA

NA

Condition of well

good

Any indication of surface runoff in well?

YES

YES

NO

NO

NA

NA

Weather

60°

Air Temperature:

Notes:

STATIC WATER LEVEL PRIOR TO PURGING

Date: 3-8-21 Time: 1630 AM/PM

Measured with:

Electronic Tape

Depth to Water:

6.37

Decontamination:

DI Water

Length of Well:

13.51

WELL PURGING

Date: 3-8-21

Begin Time:

1630

AM/PM

Purging Equipment:

Paristat II

End Time:

1640

AM/PM

Decontamination:

Pre Steam Cleaned
New Tubing

DI Water

Other

CALCULATION OF 1 CASING VOLUME

ft. Length of well

Yield:

HIGH LOW

ft. - depth of water (before purge start)

If low, recovery time:

ft. =length of water column

Actual volume purged

2 gallons

x conversion factor (2" well) 0.16

Actual purge flow rate

300 ml/min or

Gal. =1 casing volume

L/min

Notes

Time	Volume (gallons)	Depth to Water (Feet) <0.33'	pH (SU)	Conductivity (mS/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp (°C)	ORP
			+/- 0.1	+/- 3%	+/- 10%	+/- 10%	+/- 5%	+/- 10 mV
Start: 1640	.4	6.39	6.86	0.432	3.15	0.80	8.8	-98.1
1645	.8	6.39	6.85	0.431	2.33	0.41	8.6	-107.6
1650	1.2	6.39	6.85	0.432	6.73	0.28	8.7	-114.5
1655	1.6	6.39	6.85	0.431	5.89	0.23	8.6	-117.6
Final: 1655	1.6	6.39	6.85	0.431	5.89	0.23	8.6	-117.6

SAMPLE COLLECTION

Date: 3-8-21 Time: 1655 AM/PM Method: P. Lowflow

Appearance of Sample: clear Actual Sample Flow Rate: 300 ml/min or L/min

SAMPLE BOTTLE COLLECTED: 2-250 ml Bottles

SAMPLING PERSONNEL

Name: Garth Covington

Company: AECOM

AECOM

Low Flow Ground Water Sample Collection Record

Client: Egle 60588267
 Project: Branson
 Project #:

Well ID: CA05-MW2S

Sample ID: GW2103081100 GSC

INSPECTION

Label on well?	<input checked="" type="radio"/> YES	<input type="radio"/> NO	NA	Is cap locked?	<input checked="" type="radio"/> YES	<input type="radio"/> YES	NA
Is reference mark visible?	<input checked="" type="radio"/> YES	<input type="radio"/> NO	NA	Standing water present?	<input type="radio"/> YES	<input checked="" type="radio"/> NO	NA
Condition of well	<i>good</i>	<i>Partly cloudy</i>		Any indication of surface runoff in well?	<input type="radio"/> YES	<input checked="" type="radio"/> NO	NA
Weather				Air Temperature:	<i>51° F</i>		
Notes:							

STATIC WATER LEVEL PRIOR TO PURGING

Date: 3-8-21 Time: 1030 AM/PM
 Depth to Water: 11.41
 Length of Well: 16.17

Measured with: Electronic Tape
 Decontamination: DI Water

WELL PURGING

Date: 3-8-21 Begin Time: 1030 AM/PM Purging Equipment: *Peristaltic*
 End Time: 1045 AM/PM Decontamination: Pre Steam Cleaned
 New Tubing DI Water Other

CALCULATION OF 1 CASING VOLUME

ft.	Length of well	Yield: <input checked="" type="radio"/> HIGH <input type="radio"/> LOW
ft.	- depth of water (before purge start)	If low, recovery time: _____
ft.	=length of water column	Actual volume purged _____ gallons
Gal.	x conversion factor (2" well) 0.16	Actual purge flow rate _____ ml/min or L/min
	=1 casing volume	

Notes

Time	Volume (gallons)	Depth to Water (Feet) <0.33'	pH (SU) +/- 0.1	Conductivity (mS/cm) +/- 3%	Turbidity (NTU) +/- 10%	D.O. (mg/L) +/- 10%	Temp (°C) +/- 5%	ORP +/- 10 mV
Start: 1048	.4	11.47	7.35	0.566	4.92	9.46	11.5	4.2
1050	.8	11.47	7.35	0.565	2.53	9.12	11.8	7.1
1055	1.2	11.43	7.70	0.560	2.21	8.74	11.4	6.8
1100	1.6	11.42	7.73	0.560	1.99	8.49	11.6	5.4
Final: 1100	1.6	11.42	7.73	0.560	1.99	8.49	11.6	5.4

SAMPLE COLLECTION

Date: 3-8-21 Time: 1100 AM/PM Method: Low Flow

Appearance of Sample: *clear* Actual Sample Flow Rate: *306* ml/min or L/minSAMPLE BOTTLE COLLECTED: *2 1/2 - 250ml HDPE Bottles*

SAMPLING PERSONNEL

Name: *Garth Casinger* Company: *AECOM*

Appendix B



March 30, 2021

Vista Work Order No. 2103186

Dr. Dorin Bogdan
AECOM
5350 Sparks Dr SE
Grand Rapids, MI 49546

Dear Dr. Bogdan,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on March 16, 2021 under your Project Name 'Bronson Well sampling/Bio solids'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 2103186**Case Narrative****Sample Condition on Receipt:**

Ten aqueous samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. The samples were received in good condition and within the recommended temperature requirements. A revised Chain-of-Custody (CoC) was received by email on March 16, 2021.

Analytical Notes:**PFAS Isotope Dilution Method**

The following samples contained particulate and were centrifuged prior to extraction:

<u>Laboratory ID</u>	<u>Sample Name</u>
2103186-01	GW2103081245GSC
2103186-05	GW2103081435GSC
2103186-06	GW2103081610GSC
2103186-08	GW2103081655GSC
2103186-09	GW2103081655GSC-FD

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the LOQ. The recovery of HFPO-DA was greater than 135% in the OPR. This analyte was not detected in the samples. The recoveries of all other analytes were within the acceptance criteria.

The labeled standard recoveries for all QC and field samples were within the acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2103186-01	GW2103081245GSC	08-Mar-21 12:45	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-02	GW2103081135GSC	08-Mar-21 11:35	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-03	GW2103081315GSC	08-Mar-21 13:15	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-04	GW2103081355GSC	08-Mar-21 13:55	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-05	GW2103081435GSC	08-Mar-21 14:35	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-06	GW2103081610GSC	08-Mar-21 16:10	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-07	FB2103081600GSC	08-Mar-21 16:00	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-08	GW2103081655GSC	08-Mar-21 16:55	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-09	GW2103081655GSC-FD	08-Mar-21 16:55	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-10	GW2103081100GSC	08-Mar-21 11:00	16-Mar-21 13:34	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Sample ID: Method Blank										PFAS Isotope Dilution Method		
Client Data				Laboratory Data								
Name:	AECOM	Matrix:	Aqueous	Lab Sample:		B1C0180-BLK1		Column:	BEH C18			
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFPeA	2706-90-3	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFBS	375-73-5	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
4:2 FTS	757124-72-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFHxA	307-24-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFPeS	2706-91-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
HFPO-DA	13252-13-6	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFHpA	375-85-9	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
ADONA	919005-14-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFHxS	355-46-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
6:2 FTS	27619-97-2	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFOA	335-67-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFecHS	646-83-3	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFHpS	375-92-8	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFNA	375-95-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFOSA	754-91-6	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFOS	1763-23-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
9Cl-PF3ONS	756426-58-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFDA	335-76-2	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
8:2 FTS	39108-34-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFNS	68259-12-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
MeFOSAA	2355-31-9	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
EtFOSAA	2991-50-6	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFUnA	2058-94-8	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFDS	335-77-3	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
11Cl-PF3OUdS	763051-92-9	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFDoA	307-55-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFTrDA	72629-94-8	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFTeDA	376-06-7	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	76.1	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C3-PFPeA	IS	64.7	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C3-PFBS	IS	68.8	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C3-HFPO-DA	IS	69.2	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C2-4:2 FTS	IS	72.1	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C2-PFHxA	IS	66.2	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C4-PFHpA	IS	68.4	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C3-PFHxS	IS	71.6	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		

Sample ID: Method Blank							PFAS Isotope Dilution Method			
Client Data				Laboratory Data						
Name:	AECOM	Matrix:	Aqueous	Lab Sample: B1C0180-BLK1				Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-6:2 FTS	IS	71.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C5-PFNA	IS	70.0	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C8-PFOSA	IS	38.4	10 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFOA	IS	65.6	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C8-PFOS	IS	60.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFDA	IS	61.6	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-8:2 FTS	IS	61.7	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
d3-MeFOSAA	IS	56.3	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFUnA	IS	55.7	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
d5-EtFOSAA	IS	49.6	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFDoA	IS	54.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFTeDA	IS	46.2	20 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR											PFAS Isotope Dilution Method				
Client Data				Laboratory Data											
Name:	AECOM	Matrix:	Aqueous	Lab Sample:			B1C0180-BS1		Column:	BEH C18					
Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution				
PFBA	375-22-4	40.6	40.0	101	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFPeA	2706-90-3	39.0	40.0	97.4	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFBS	375-73-5	37.4	40.0	93.4	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
4:2 FTS	757124-72-4	41.9	40.0	105	60 - 145		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFHxA	307-24-4	39.4	40.0	98.6	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFPeS	2706-91-4	37.6	40.0	93.9	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
HFPO-DA	13252-13-6	55.5	40.0	139	65 - 135	H	B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFHpA	375-85-9	36.9	40.0	92.3	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
ADONA	919005-14-4	38.8	40.0	97.0	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFHxS	355-46-4	39.7	40.0	99.3	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
6:2 FTS	27619-97-2	37.5	40.0	93.8	60 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFOA	335-67-1	40.8	40.0	102	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFecHS	646-83-3	41.7	40.0	104	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFHpS	375-92-8	46.0	40.0	115	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFNA	375-95-1	40.6	40.0	102	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFOSA	754-91-6	45.4	40.0	114	65 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFOS	1763-23-1	44.9	40.0	112	65 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
9Cl-PF3ONS	756426-58-1	40.5	40.0	101	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFDA	335-76-2	38.7	40.0	96.7	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
8:2 FTS	39108-34-4	38.9	40.0	97.2	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFNS	68259-12-1	38.7	40.0	96.9	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
MeFOSAA	2355-31-9	40.1	40.0	100	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
EtFOSAA	2991-50-6	35.5	40.0	88.8	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFUnA	2058-94-8	42.2	40.0	106	65 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFDS	335-77-3	34.9	40.0	87.4	50 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
11Cl-PF3OUdS	763051-92-9	42.1	40.0	105	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFDoA	307-55-1	43.3	40.0	108	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFTrDA	72629-94-8	41.0	40.0	102	60 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFTeDA	376-06-7	43.5	40.0	109	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
Labeled Standards		Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution					
13C3-PFBA		IS	75.5	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					
13C3-PFPeA		IS	65.4	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					
13C3-PFBS		IS	75.1	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					
13C3-HFPO-DA		IS	58.1	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					
13C2-4:2 FTS		IS	62.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					

Sample ID: OPR
PFAS Isotope Dilution Method

Client Data				Laboratory Data						
Name:	AECOM	Matrix:	Aqueous <th>Lab Sample:</th> <td data-cs="2" data-kind="parent">B1C0180-BS1</td> <td data-kind="ghost"></td> <th>Column:</th> <td data-cs="3" data-kind="parent">BEH C18</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Lab Sample:	B1C0180-BS1		Column:	BEH C18		
Labeled Standards		Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFHxA		IS	65.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C4-PFHxA		IS	67.7	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C3-PFHxA		IS	70.9	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-6:2 FTS		IS	71.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C5-PFNA		IS	69.3	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C8-PFOSA		IS	36.2	10 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFOA		IS	66.5	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C8-PFOS		IS	60.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFDA		IS	62.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-8:2 FTS		IS	67.4	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
d3-MeFOSAA		IS	56.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFUuA		IS	54.4	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
d5-EtFOSAA		IS	54.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFDuA		IS	52.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFTeDA		IS	49.1	20 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1

Sample ID: GW2103081245GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-01		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 12:45		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.26	0.990	1.98	3.96	J	B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFPeA	2706-90-3	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFBS	375-73-5	4.27	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
4:2 FTS	757124-72-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFHxA	307-24-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFPeS	2706-91-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
HFPO-DA	13252-13-6	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFHpA	375-85-9	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
ADONA	919005-14-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFHxS	355-46-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
6:2 FTS	27619-97-2	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFOA	335-67-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFecHS	646-83-3	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFHpS	375-92-8	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFNA	375-95-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFOSA	754-91-6	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFOS	1763-23-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
9Cl-PF3ONS	756426-58-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFDA	335-76-2	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
8:2 FTS	39108-34-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFNS	68259-12-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
MeFOSAA	2355-31-9	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
EtFOSAA	2991-50-6	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFUnA	2058-94-8	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFDS	335-77-3	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
11Cl-PF3OUdS	763051-92-9	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFDoA	307-55-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFTrDA	72629-94-8	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFTeDA	376-06-7	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	79.0	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C3-PFPeA	IS	70.6	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C3-PFBS	IS	71.0	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C3-HFPO-DA	IS	74.1	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C2-4:2 FTS	IS	67.9	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C2-PFHxA	IS	71.9	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C4-PFHpA	IS	68.6	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C3-PFHxS	IS	70.0	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	

Sample ID: GW2103081245GSC
PFAS Isotope Dilution Method
Client Data

 Name: AECOM
 Project: Bronson Well sampling/Bio solids
 Location: CA04-MW1D

 Matrix: Aqueous
 Date Collected: 08-Mar-21 12:45

Laboratory Data

 Lab Sample: 2103186-01
 Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	70.1	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C5-PFNA	IS	70.1	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C8-PFOSA	IS	54.0	10 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFOA	IS	66.2	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C8-PFOS	IS	65.7	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFDA	IS	63.3	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-8:2 FTS	IS	64.4	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
d3-MeFOSAA	IS	67.6	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFUnA	IS	63.5	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
d5-EtFOSAA	IS	62.9	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFDoA	IS	61.8	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFTeDA	IS	49.7	20 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081135GSC										PFAS Isotope Dilution Method			
Client Data				Laboratory Data									
Name:	AECOM	Matrix:	Aqueous	Lab Sample:	2103186-02		Column:	BEH C18		Date Collected:	08-Mar-21 11:35	Date Received:	16-Mar-21 13:34
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
PFBA	375-22-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFPeA	2706-90-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFBS	375-73-5	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
4:2 FTS	757124-72-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFHxA	307-24-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFPeS	2706-91-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
HFPO-DA	13252-13-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFHpA	375-85-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
ADONA	919005-14-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFHxS	355-46-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
6:2 FTS	27619-97-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFOA	335-67-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFecHS	646-83-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFHpS	375-92-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFNA	375-95-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFOSA	754-91-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFOS	1763-23-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
9Cl-PF3ONS	756426-58-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFDA	335-76-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
8:2 FTS	39108-34-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFNS	68259-12-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
MeFOSAA	2355-31-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
EtFOSAA	2991-50-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFUnA	2058-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFDS	335-77-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
11Cl-PF3OUdS	763051-92-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFDoA	307-55-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFTrDA	72629-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
PFTeDA	376-06-7	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1		
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution			
13C3-PFBA	IS	78.3	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1			
13C3-PFPeA	IS	71.1	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1			
13C3-PFBS	IS	71.8	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1			
13C3-HFPO-DA	IS	77.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1			
13C2-4:2 FTS	IS	74.8	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1			
13C2-PFHxA	IS	71.7	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1			
13C4-PFHpA	IS	68.1	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1			
13C3-PFHxS	IS	69.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1			

Sample ID: GW2103081135GSC
PFAS Isotope Dilution Method

Client Data				Laboratory Data						
Name:	AECOM <th>Matrix:</th> <td>Aqueous<th>Lab Sample:</th><td>2103186-02<th>Column:</th><td>BEH C18</td><th></th><th></th><th></th></td></td>	Matrix:	Aqueous <th>Lab Sample:</th> <td>2103186-02<th>Column:</th><td>BEH C18</td><th></th><th></th><th></th></td>	Lab Sample:	2103186-02 <th>Column:</th> <td>BEH C18</td> <th></th> <th></th> <th></th>	Column:	BEH C18			
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 11:35	Date Received:	16-Mar-21 13:34					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-6:2 FTS	IS	73.3	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C5-PFNA	IS	71.9	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C8-PFOSA	IS	53.7	10 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C2-PFOA	IS	67.6	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C8-PFOS	IS	70.9	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C2-PFDA	IS	68.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C2-8:2 FTS	IS	70.0	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
d3-MeFOSAA	IS	70.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C2-PFUnA	IS	62.9	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
d5-EtFOSAA	IS	65.8	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C2-PFDoA	IS	65.4	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C2-PFTeDA	IS	54.8	20 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081315GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:		2103186-03		Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 13:15		Date Received:		16-Mar-21 13:34				
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	7.00	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFPeA	2706-90-3	4.59	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFBS	375-73-5	2.21	0.992	1.98	3.97	J	B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
4:2 FTS	757124-72-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFHxA	307-24-4	1.44	0.992	1.98	3.97	J, Q	B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFPeS	2706-91-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
HFPO-DA	13252-13-6	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFHpA	375-85-9	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
ADONA	919005-14-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFHxS	355-46-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
6:2 FTS	27619-97-2	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFOA	335-67-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFecHS	646-83-3	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFHpS	375-92-8	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFNA	375-95-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFOSA	754-91-6	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFOS	1763-23-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
9Cl-PF3ONS	756426-58-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFDA	335-76-2	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
8:2 FTS	39108-34-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFNS	68259-12-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
MeFOSAA	2355-31-9	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
EtFOSAA	2991-50-6	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFUnA	2058-94-8	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFDS	335-77-3	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
11Cl-PF3OUdS	763051-92-9	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFDoA	307-55-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFTrDA	72629-94-8	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFTeDA	376-06-7	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	78.9	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C3-PFPeA	IS	72.5	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C3-PFBS	IS	71.3	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C3-HFPO-DA	IS	64.7	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C2-4:2 FTS	IS	69.6	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C2-PFHxA	IS	69.7	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C4-PFHpA	IS	69.1	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C3-PFHxS	IS	73.3	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	

Sample ID: GW2103081315GSC
PFAS Isotope Dilution Method
Client Data

Name: AECOM
Project: Bronson Well sampling/Bio solids
Location: CA04-MW1S

Matrix: Aqueous
Date Collected: 08-Mar-21 13:15

Laboratory Data

Lab Sample: 2103186-03
Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	69.4	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C5-PFNA	IS	73.0	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C8-PFOSA	IS	51.4	10 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFOA	IS	69.3	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C8-PFOS	IS	67.0	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFDA	IS	68.9	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-8:2 FTS	IS	67.5	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
d3-MeFOSAA	IS	67.4	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFUnA	IS	65.2	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
d5-EtFOSAA	IS	67.1	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFDoA	IS	66.9	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFTeDA	IS	58.5	20 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081355GSC

PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-04		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 13:55		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFPeA	2706-90-3	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFBS	375-73-5	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
4:2 FTS	757124-72-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFHxA	307-24-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFPeS	2706-91-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
HFPO-DA	13252-13-6	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFHpA	375-85-9	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
ADONA	919005-14-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFHxS	355-46-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
6:2 FTS	27619-97-2	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFOA	335-67-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFecHS	646-83-3	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFHpS	375-92-8	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFNA	375-95-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFOSA	754-91-6	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFOS	1763-23-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
9Cl-PF3ONS	756426-58-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFDA	335-76-2	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
8:2 FTS	39108-34-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFNS	68259-12-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
MeFOSAA	2355-31-9	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
EtFOSAA	2991-50-6	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFUnA	2058-94-8	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFDS	335-77-3	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
11Cl-PF3OUdS	763051-92-9	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFDoA	307-55-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFTrDA	72629-94-8	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFTeDA	376-06-7	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	77.6	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C3-PFPeA	IS	69.8	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C3-PFBS	IS	72.5	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C3-HFPO-DA	IS	69.5	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C2-4:2 FTS	IS	81.1	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C2-PFHxA	IS	68.9	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C4-PFHpA	IS	69.3	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C3-PFHxS	IS	71.9	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	

Sample ID: GW2103081355GSC
PFAS Isotope Dilution Method
Client Data

 Name: AECOM
 Project: Bronson Well sampling/Bio solids
 Location: CA05-MW1D

 Matrix: Aqueous
 Date Collected: 08-Mar-21 13:55

Laboratory Data

 Lab Sample: 2103186-04
 Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	69.1	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C5-PFNA	IS	69.5	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C8-PFOSA	IS	47.6	10 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFOA	IS	66.7	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C8-PFOS	IS	67.5	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFDA	IS	69.2	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-8:2 FTS	IS	70.9	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
d3-MeFOSAA	IS	65.5	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFUnA	IS	61.3	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
d5-EtFOSAA	IS	68.3	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFDoA	IS	68.0	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFTeDA	IS	54.3	20 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081435GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:		2103186-05		Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 14:35		Date Received:		16-Mar-21 13:34				
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFPeA	2706-90-3	2.11	1.01	2.02	4.03	J	B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFBS	375-73-5	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
4:2 FTS	757124-72-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFHxA	307-24-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFPeS	2706-91-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
HFPO-DA	13252-13-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFHpA	375-85-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
ADONA	919005-14-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFHxS	355-46-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
6:2 FTS	27619-97-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFOA	335-67-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFecHS	646-83-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFHpS	375-92-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFNA	375-95-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFOSA	754-91-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFOS	1763-23-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
9Cl-PF3ONS	756426-58-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFDA	335-76-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
8:2 FTS	39108-34-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFNS	68259-12-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
MeFOSAA	2355-31-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
EtFOSAA	2991-50-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFUnA	2058-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFDS	335-77-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
11Cl-PF3OUdS	763051-92-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFDoA	307-55-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFTrDA	72629-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFTeDA	376-06-7	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	79.7	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C3-PFPeA	IS	72.8	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C3-PFBS	IS	71.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C3-HFPO-DA	IS	82.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-4:2 FTS	IS	88.9	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-PFHxA	IS	70.3	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C4-PFHpA	IS	76.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C3-PFHxS	IS	74.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	

Sample ID: GW2103081435GSC

PFAS Isotope Dilution Method
Client Data

Name: AECOM
Project: Bronson Well sampling/Bio solids
Location: CA05-MW1S

Matrix: Aqueous
Date Collected: 08-Mar-21 14:35

Laboratory Data

Lab Sample: 2103186-05
Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	76.0	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C5-PFNA	IS	71.7	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C8-PFOSA	IS	51.4	10 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C2-PFOA	IS	71.5	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C8-PFOS	IS	70.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C2-PFDA	IS	68.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C2-8:2 FTS	IS	66.4	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
d3-MeFOSAA	IS	70.2	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C2-PFUnA	IS	64.7	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
d5-EtFOSAA	IS	67.7	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C2-PFDoA	IS	62.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
13C2-PFTeDA	IS	47.9	20 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081610GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-06		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:10		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFPeA	2706-90-3	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFBS	375-73-5	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
4:2 FTS	757124-72-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFHxA	307-24-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFPeS	2706-91-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
HFPO-DA	13252-13-6	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFHpA	375-85-9	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
ADONA	919005-14-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFHxS	355-46-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
6:2 FTS	27619-97-2	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFOA	335-67-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFecHS	646-83-3	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFHpS	375-92-8	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFNA	375-95-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFOSA	754-91-6	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFOS	1763-23-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
9Cl-PF3ONS	756426-58-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFDA	335-76-2	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
8:2 FTS	39108-34-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFNS	68259-12-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
MeFOSAA	2355-31-9	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
EtFOSAA	2991-50-6	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFUnA	2058-94-8	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFDS	335-77-3	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
11Cl-PF3OUdS	763051-92-9	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFDoA	307-55-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFTrDA	72629-94-8	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFTeDA	376-06-7	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	79.8	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C3-PFPeA	IS	68.8	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C3-PFBS	IS	72.7	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C3-HFPO-DA	IS	79.2	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C2-4:2 FTS	IS	81.0	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C2-PFHxA	IS	71.0	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C4-PFHpA	IS	69.5	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C3-PFHxS	IS	72.6	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	

Sample ID: GW2103081610GSC
PFAS Isotope Dilution Method
Client Data

Name: AECOM
Project: Bronson Well sampling/Bio solids
Location: CA03-MW1D

Matrix: Aqueous
Date Collected: 08-Mar-21 16:10

Laboratory Data

Lab Sample: 2103186-06
Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	72.8	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C5-PFNA	IS	70.2	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C8-PFOSA	IS	50.6	10 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFOA	IS	67.2	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C8-PFOS	IS	70.5	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFDA	IS	68.7	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-8:2 FTS	IS	67.1	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
d3-MeFOSAA	IS	67.1	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFUnA	IS	64.2	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
d5-EtFOSAA	IS	64.7	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFDoA	IS	65.3	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFTeDA	IS	50.8	20 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: FB2103081600GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-07		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:00		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFPeA	2706-90-3	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFBS	375-73-5	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
4:2 FTS	757124-72-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFHxA	307-24-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFPeS	2706-91-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
HFPO-DA	13252-13-6	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFHpA	375-85-9	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
ADONA	919005-14-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFHxS	355-46-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
6:2 FTS	27619-97-2	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFOA	335-67-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFecHS	646-83-3	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFHpS	375-92-8	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFNA	375-95-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFOSA	754-91-6	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFOS	1763-23-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
9Cl-PF3ONS	756426-58-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFDA	335-76-2	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
8:2 FTS	39108-34-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFNS	68259-12-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
MeFOSAA	2355-31-9	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
EtFOSAA	2991-50-6	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFUnA	2058-94-8	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFDS	335-77-3	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
11Cl-PF3OUdS	763051-92-9	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFDoA	307-55-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFTrDA	72629-94-8	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFTeDA	376-06-7	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	78.2	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C3-PFPeA	IS	67.2	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C3-PFBS	IS	73.7	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C3-HFPO-DA	IS	67.1	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-4:2 FTS	IS	67.4	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-PFHxA	IS	71.0	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C4-PFHpA	IS	67.3	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C3-PFHxS	IS	73.9	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	

Sample ID: FB2103081600GSC
PFAS Isotope Dilution Method

Client Data				Laboratory Data						
Name:	AECOM <th>Matrix:</th> <td>Aqueous<th>Lab Sample:</th><td>2103186-07</td><th>Date Received:</th><td>16-Mar-21 13:34</td><th>Column:</th><td>BEH C18</td><td></td></td>	Matrix:	Aqueous <th>Lab Sample:</th> <td>2103186-07</td> <th>Date Received:</th> <td>16-Mar-21 13:34</td> <th>Column:</th> <td>BEH C18</td> <td></td>	Lab Sample:	2103186-07	Date Received:	16-Mar-21 13:34	Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:00							
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-6:2 FTS	IS	71.9	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C5-PFNA	IS	70.5	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C8-PFOSA	IS	41.8	10 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-PFOA	IS	67.5	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C8-PFOS	IS	71.7	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-PFDA	IS	69.6	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-8:2 FTS	IS	77.6	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
d3-MeFOSAA	IS	64.1	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-PFUnA	IS	64.2	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
d5-EtFOSAA	IS	59.2	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-PFDoA	IS	66.0	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-PFTeDA	IS	52.5	20 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081655GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM <th>Matrix:</th> <td data-cs="2" data-kind="parent">Aqueous</td> <td data-kind="ghost"></td> <th>Lab Sample:</th> <td data-cs="2" data-kind="parent">2103186-08</td> <td data-kind="ghost"></td> <th>Column:</th> <td data-cs="3" data-kind="parent">BEH C18</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Matrix:	Aqueous		Lab Sample:	2103186-08		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:55		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	30.4	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFPeA	2706-90-3	41.3	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFBS	375-73-5	48.0	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
4:2 FTS	757124-72-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFHxA	307-24-4	36.0	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFPeS	2706-91-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
HFPO-DA	13252-13-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFHpA	375-85-9	15.3	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
ADONA	919005-14-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFHxS	355-46-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
6:2 FTS	27619-97-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFOA	335-67-1	6.87	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFecHS	646-83-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFHpS	375-92-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFNA	375-95-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFOSA	754-91-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFOS	1763-23-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
9Cl-PF3ONS	756426-58-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFDA	335-76-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
8:2 FTS	39108-34-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFNS	68259-12-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
MeFOSAA	2355-31-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
EtFOSAA	2991-50-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFUnA	2058-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFDS	335-77-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
11Cl-PF3OUdS	763051-92-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFDoA	307-55-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFTrDA	72629-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFTeDA	376-06-7	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	79.0	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C3-PFPeA	IS	69.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C3-PFBS	IS	70.0	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C3-HFPO-DA	IS	70.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-4:2 FTS	IS	80.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-PFHxA	IS	70.9	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C4-PFHpA	IS	70.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C3-PFHxS	IS	67.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	

Sample ID: GW2103081655GSC
PFAS Isotope Dilution Method
Client Data

Name: AECOM
Project: Bronson Well sampling/Bio solids
Location: CA03-MW1S

Matrix: Aqueous
Date Collected: 08-Mar-21 16:55

Laboratory Data

Lab Sample: 2103186-08
Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	72.2	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C5-PFNA	IS	70.7	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C8-PFOSA	IS	48.0	10 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C2-PFOA	IS	68.3	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C8-PFOS	IS	67.0	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C2-PFDA	IS	66.3	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C2-8:2 FTS	IS	66.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
d3-MeFOSAA	IS	66.8	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C2-PFUnA	IS	63.5	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
d5-EtFOSAA	IS	62.4	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C2-PFDoA	IS	63.3	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
13C2-PFTeDA	IS	54.6	20 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081655GSC-FD
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-09		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:55		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	29.2	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFPeA	2706-90-3	41.0	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFBS	375-73-5	45.4	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
4:2 FTS	757124-72-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFHxA	307-24-4	33.7	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFPeS	2706-91-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
HFPO-DA	13252-13-6	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFHpA	375-85-9	15.3	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
ADONA	919005-14-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFHxS	355-46-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
6:2 FTS	27619-97-2	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFOA	335-67-1	6.43	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFecHS	646-83-3	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFHpS	375-92-8	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFNA	375-95-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFOSA	754-91-6	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFOS	1763-23-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
9Cl-PF3ONS	756426-58-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFDA	335-76-2	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
8:2 FTS	39108-34-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFNS	68259-12-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
MeFOSAA	2355-31-9	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
EtFOSAA	2991-50-6	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFUnA	2058-94-8	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFDS	335-77-3	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
11Cl-PF3OUdS	763051-92-9	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFDoA	307-55-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFTrDA	72629-94-8	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFTeDA	376-06-7	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	70.4	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C3-PFPeA	IS	62.2	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C3-PFBS	IS	63.3	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C3-HFPO-DA	IS	55.1	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-4:2 FTS	IS	67.3	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-PFHxA	IS	63.6	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C4-PFHpA	IS	63.3	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C3-PFHxS	IS	66.2	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	

Sample ID: GW2103081655GSC-FD
PFAS Isotope Dilution Method

Client Data				Laboratory Data						
Name:	AECOM <th>Matrix:</th> <td>Aqueous<th>Lab Sample:</th><td data-cs="2" data-kind="parent">2103186-09</td><td data-kind="ghost"></td><th>Column:</th><td data-cs="3" data-kind="parent">BEH C18</td><td data-kind="ghost"></td><td data-kind="ghost"></td></td>	Matrix:	Aqueous <th>Lab Sample:</th> <td data-cs="2" data-kind="parent">2103186-09</td> <td data-kind="ghost"></td> <th>Column:</th> <td data-cs="3" data-kind="parent">BEH C18</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Lab Sample:	2103186-09		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:55 <th>Date Received:</th> <td data-cs="2" data-kind="parent">16-Mar-21 13:34</td> <td data-kind="ghost"></td> <th></th> <td data-cs="3" data-kind="parent"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Date Received:	16-Mar-21 13:34					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-6:2 FTS	IS	70.0	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C5-PFNA	IS	62.6	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C8-PFOSA	IS	41.5	10 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-PFOA	IS	62.6	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C8-PFOS	IS	61.5	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-PFDA	IS	64.0	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-8:2 FTS	IS	66.0	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
d3-MeFOSAA	IS	63.2	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-PFUnA	IS	58.7	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
d5-EtFOSAA	IS	57.4	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-PFDoA	IS	62.4	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-PFTeDA	IS	54.5	20 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081100GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-10		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 11:00		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFPeA	2706-90-3	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFBS	375-73-5	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
4:2 FTS	757124-72-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFHxA	307-24-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFPeS	2706-91-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
HFPO-DA	13252-13-6	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFHpA	375-85-9	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
ADONA	919005-14-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFHxS	355-46-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
6:2 FTS	27619-97-2	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFOA	335-67-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFecHS	646-83-3	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFHpS	375-92-8	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFNA	375-95-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFOSA	754-91-6	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFOS	1763-23-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
9Cl-PF3ONS	756426-58-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFDA	335-76-2	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
8:2 FTS	39108-34-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFNS	68259-12-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
MeFOSAA	2355-31-9	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
EtFOSAA	2991-50-6	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFUnA	2058-94-8	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFDS	335-77-3	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
11Cl-PF3OUdS	763051-92-9	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFDoA	307-55-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFTrDA	72629-94-8	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFTeDA	376-06-7	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	92.8	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C3-PFPeA	IS	80.4	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C3-PFBS	IS	81.9	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C3-HFPO-DA	IS	89.1	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C2-4:2 FTS	IS	78.8	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C2-PFHxA	IS	79.7	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C4-PFHpA	IS	78.8	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C3-PFHxS	IS	83.2	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	

Sample ID: GW2103081100GSC
PFAS Isotope Dilution Method
Client Data

Name: AECOM
Project: Bronson Well sampling/Bio solids
Location: CA05-MW2S

Matrix: Aqueous
Date Collected: 08-Mar-21 11:00

Laboratory Data

Lab Sample: 2103186-10
Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	80.6	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C5-PFNA	IS	81.0	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C8-PFOSA	IS	55.2	10 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFOA	IS	78.1	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C8-PFOS	IS	77.3	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFDA	IS	75.9	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-8:2 FTS	IS	68.0	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
d3-MeFOSAA	IS	77.6	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFUnA	IS	72.5	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
d5-EtFOSAA	IS	73.8	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFDoA	IS	75.9	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFTeDA	IS	62.7	20 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection Limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
MDL	Method Detection Limit
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
RL	For 537.1, the reported RLs are the MRLs.
TEQ	Toxic Equivalency, sum of the toxic equivalency factors (TEF) multiplied by the sample concentrations.
TEQMax	TEQ calculation that uses the detection limit as the concentration for non-detects
TEQMin	TEQ calculation that uses zero as the concentration for non-detects
TEQRisk	TEQ calculation that uses $\frac{1}{2}$ the detection limit as the concentration for non-detects
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	Method
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	Method
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	Method
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	Method
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	Method
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A



— revised COC — rec'd via email on 03/16/21 1414 MWS 03/17/21

CHAIN OF CUSTODY

For Laboratory Use Only	
Work Order #:	2103186
Storage ID:	R-13, WR-2
Temp:	36, 15 °C
Storage Secured:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Project ID: Bronson Well sampling/ Bio solids PO#: 60588767 Sampler: Garth Cousineau
(name)

TAT Standard: 21 days
(check one): Rush (surcharge may apply)
 14 days 7 days Specify: _____

Invoice to: Name Stephanie Kammer Company EGLE Address 525 W. Allegan St City Lansing State MI Ph# 517-897-1597 Fax# 517-241-3571

Relinquished by (printed name and signature) Garth Cousineau Date 3/16/2021 Time 17:00 Received by (printed name and signature) John Bogdan Date 3/16/2021 Time 17:00

see original COC

Relinquished by (printed name and signature) John Bogdan Date 3/16/2021 Time 17:00 Received by (printed name and signature) Garth Cousineau Date 3/16/2021 Time 17:00

ATTN:	Tracking No.:	Add Analysis(es) Requested										Comments
		Quantity	Type	Matrix	PFOA/PFOS	UCMR3 PFAS List:6 537 List: 14	PFAS List: 24 Other: Please List Below	PFAS List: 28 * PFECHS	PFOA/PFOS	UCMR3 PFAS List:6 PFAS List: 14	EPA Method 537(DW only)	
GW2103081245GSC	3/8/21	1245	CA04-MW1D	2	P	AQ		X				
GW2103081135GSC	3/8/21	1135	CA05-MW2D	2	P	AQ		X				
GW2103081315GSC	3/8/21	1315	CA04-MW1S	2	P	AQ		X				
GW2103081355GSC	3/8/21	1355	CA05-MW1D	2	P	AQ		X				
GW2103081435GSC	3/8/21	1435	CA05-MW1S	2	P	AQ		X				
GW2103081610GSC	3/8/21	1610	CA03-MW1D	2	P	AQ		X				
FB2103081600GSC	3/8/21	1600	BRONSON Blank	2	P	AQ		X				FIELD BLANK
GW2103081655GSC	3/8/21	1655	CA03-MW1S	2	P	AQ		X				
GW2103081655GSC-FD	3/8/21	1655	CA03-MW1S	2	P	AQ		X				FIELD DUPLICATE
GW2103081100GSC	3/8/21	1100	CA05-MW2S	2	P	AQ		X				

Special Instructions/Comments: Send Results and Acknowledgements to:
Michael.Wolf@aecom.com
Dorin.Bogdan@aecom.com
Robert.Kennedy@aecom.com

SEND DOCUMENTATION AND RESULTS TO:

Name: Stephanie Kammer
 Company: EGLE
 Address: 525 W. Allegan St
 City: Lansing MI 48909
 Phone: 517-897-1597 517-241-3571
 Email: _____

Container Types: P= HDPE, PJ= HDPE Jar

Bottle Preservation Type: T = Thiosulfate,

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment,

O = Other: _____

TZ = Trizma: _____

SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:



Page 2 of 4 *see revised COC*

CHAIN OF CUSTODY

For Laboratory Use Only

Work Order #: 2103186

Temp: 36.15 °C

Storage ID: R-3, WR-2

Storage Secured: Yes No

Project ID: Bronson Well sampling/ Bio solids PO#: 60588767 Sampler: Garth Cousineau
(name)

TAT	Standard:	<input checked="" type="checkbox"/> 21 days
(check one):	Rush (surcharge may apply)	
	<input type="checkbox"/> 14 days	<input type="checkbox"/> 7 days
	Specify:	

Invoice to: Name	Company	Address	City	State	Ph#	Fax#
Stephanie Kammer	EGLE	525 W. Allegan St	Lansing	MI	517-897-1597	517-241-3571

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
<i>Garth Cousineau Michael Koscia</i>	3/15/21	1830	<i>Karen Y. Aost Kyr</i>	03/16/21	17:34

Relinquished by (printed name and signature)	Date	Time	Received by (printed name and signature)	Date	Time
--	------	------	--	------	------

SHIP TO: Vista Analytical Laboratory 1104 Windfield Way El Dorado Hills, CA 95762				Method of Shipment:		Add Analysis(es) Requested											
				ATTN: _____		Tracking No.: _____		Container(s)									
Sample ID	Date	Time	Location/Sample Description	Quantity	Type	Matrix	PFOA/PFOS	UCMR3 PFAS List 6	537 List: 14	PFAS List of 24	Other: Please List Below	PFAS List of 28 - Branch and Linear	PFOA/PFOS	UCMR3 PFAS List 6	PFAS List: 14	EPA Method 537(DW only)	
GW2103081245GSC	3/8/21	1245	CA04-MW1D	2	P	AQ			X								
GW2103081135GSC	3/8/21	1135	CA05-MW2D	2	P	AQ				X							
GW2103081315GSC	3/8/21	1315	CA04-MW1S	2	P	AQ				X							
GW2103081355GSC	3/8/21	1355	CA05-MW1D	2	P	AQ				X							
GW2103081435GSC	3/8/21	1435	CA05-MW1S	2	P	AQ				X							
GW2103081610GSC	3/8/21	1610	CA03-MW1D	2	P	AQ				X							
FB2103081600GSC	3/8/21	1600	Bronson	2	P	AQ				X						FIELD BLANK	
GW2103081655GSC	3/8/21	1655	CA03-MW1S	2	P	AQ				X							
GW2103081655GSC-FD	3/8/21	1655	CA03-MW1S	2	P	AQ				X						FIELD DUPLICATE	
GW2103081100GSC	3/8/21	1100	CA05-MW2S	2	P	AQ				X							

Special Instructions/Comments: Send Results and Acknowledgements to:

Michael.Wolf@aecom.com

Dorin.Bogdan@aecom.com

Robert.Kennedy@aecom.com

SEND
DOCUMENTATION
AND RESULTS TO:

Name: Stephanie Kammer

Company: EGLE

Address: 525 W. Allegan St

City: Lansing

MI 48909

Phone: 517-897-1597

517-241-3571

Email:

Container Types: P= HDPE, PJ= HDPE Jar

O = Other:

Bottle Preservation Type: T = Thiosulfate,

TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment,

SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:



Sample Log-In Checklist

Page # 1 of 2

Vista Work Order #: 2103186

TAT Std

Samples Arrival:	Date/Time <u>03/16/21</u> <u>13:34</u>		Initials: <u>Ks</u>		Location: <u>WR-2</u> Shelf/Rack: <u>N, A</u>		
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac	<input type="checkbox"/> GLS	<input type="checkbox"/> DHL	<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	Blue Ice		<input type="checkbox"/> Techni Ice	<input type="checkbox"/> Dry Ice	<input type="checkbox"/> None	
Temp °C: <u>3.6</u> (uncorrected)	Probe used: Y <input checked="" type="checkbox"/> N			Thermometer ID: <u>TR-4</u>			
Temp °C: <u>3.6</u> (corrected)							

						YES	NO	NA
Shipping Container(s) Intact?						<input checked="" type="checkbox"/>		
Shipping Custody Seals Intact?							<input checked="" type="checkbox"/>	
Airbill <input checked="" type="checkbox"/>	Trk # <u>7847 7748 5881</u>					<input checked="" type="checkbox"/>		
Shipping Documentation Present?								
Shipping Container	Vista	<input checked="" type="checkbox"/> Client	Retain	<input checked="" type="checkbox"/> Return	Dispose			
Chain of Custody / Sample Documentation Present?						<input checked="" type="checkbox"/>		
Chain of Custody / Sample Documentation Complete?						<input checked="" type="checkbox"/>		
Holding Time Acceptable?						<input checked="" type="checkbox"/>		
Logged In:	Date/Time <u>03/17/21</u> <u>0849</u>	Initials: <u>MWS</u>	Location: <u>R-13, WR-2</u> Shelf/Rack: <u>3-2, F-5</u>					
COC Anomaly/Sample Acceptance Form completed?						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:



Sample Log-In Checklist

Page # 2 of 2
TAT std

Vista Work Order #: 2103186

Samples Arrival:	Date/Time <u>03/16/21 13:34</u>		Initials: <u>KM</u>		Location: <u>WR-2</u>		
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac	<input type="checkbox"/> GLS	<input type="checkbox"/> DHL	<input checked="" type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice		Blue Ice		<input type="checkbox"/> Techni Ice	<input type="checkbox"/> Dry Ice	<input type="checkbox"/> None
Temp °C: <u>15</u> (uncorrected)				Probe used: Y / <input checked="" type="checkbox"/> N	Thermometer ID: <u>IR-4</u>		
Temp °C: <u>15</u> (corrected)							

	YES	NO	NA			
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>					
Shipping Custody Seals Intact?		<input checked="" type="checkbox"/>				
Airbill <input checked="" type="checkbox"/> Trk # <u>7847 7765 3745</u>	<input checked="" type="checkbox"/>					
Shipping Documentation Present?	<input checked="" type="checkbox"/>					
Shipping Container <input type="checkbox"/> Vista <input checked="" type="checkbox"/> Client <input type="checkbox"/> Retain <input checked="" type="checkbox"/> Return <input type="checkbox"/> Dispose						
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>					
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>					
Holding Time Acceptable?	<input checked="" type="checkbox"/>					
Logged In:	Date/Time <u>03/17/21 0840</u>	Initials: <u>MWS</u>	Location: <u>R-13, WR-2</u>			
Shelf/Rack: _____						
COC Anomaly/Sample Acceptance Form completed?				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

CoC/Label Reconciliation Report WO# 2103186

Lab Number	CoC Sample ID		Sample Alias	Sample Date/Time	Container	Base Matrix	Report Matrix	Sample Comments
2103186-01	A GW2103081245GSC	<input checked="" type="checkbox"/>	CA04-MW1D	08-Mar-21 12:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-01	B GW2103081245GSC	<input checked="" type="checkbox"/>	CA04-MW1D	08-Mar-21 12:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-02	A GW2103081135GSC	<input checked="" type="checkbox"/>	CA05-MW2D	08-Mar-21 11:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-02	B GW2103081135GSC	<input checked="" type="checkbox"/>	CA05-MW2D	08-Mar-21 11:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-03	A GW2103081315GSC	<input checked="" type="checkbox"/>	CA04-MW1S	08-Mar-21 13:15	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-03	B GW2103081315GSC	<input checked="" type="checkbox"/>	CA04-MW1S	08-Mar-21 13:15	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-04	A GW2103081355GSC	<input checked="" type="checkbox"/>	CA05-MW1D	08-Mar-21 13:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-04	B GW2103081355GSC	<input checked="" type="checkbox"/>	CA05-MW1D	08-Mar-21 13:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-05	A GW2103081435GSC	<input checked="" type="checkbox"/>	CA05-MW1S	08-Mar-21 14:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-05	B GW2103081435GSC	<input checked="" type="checkbox"/>	CA05-MW1S	08-Mar-21 14:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-06	A GW2103081610GSC	<input checked="" type="checkbox"/>	CA03-MW1D	08-Mar-21 16:10	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-06	B GW2103081610GSC	<input checked="" type="checkbox"/>	CA03-MW1D	08-Mar-21 16:10	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-07	A FB2103081600GSC	<input checked="" type="checkbox"/>	BRONSON Blank	08-Mar-21 16:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-07	B FB2103081600GSC	<input checked="" type="checkbox"/>	BRONSON Blank	08-Mar-21 16:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-08	A GW2103081655GSC	<input checked="" type="checkbox"/>	CA03-MW1S	08-Mar-21 16:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-08	B GW2103081655GSC	<input checked="" type="checkbox"/>	CA03-MW1S	08-Mar-21 16:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-09	A GW2103081655GSC-FD	<input checked="" type="checkbox"/>	CA03-MW1S	08-Mar-21 16:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-09	B GW2103081655GSC-FD	<input checked="" type="checkbox"/>	CA03-MW1S	08-Mar-21 16:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-10	A GW2103081100GSC	<input checked="" type="checkbox"/>	CA05-MW2S	08-Mar-21 11:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-10	B GW2103081100GSC	<input checked="" type="checkbox"/>	CA05-MW2S	08-Mar-21 11:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous

Checkmarks indicate that information on the COC reconciled with the sample label.

Any discrepancies are noted in the following columns.

	Yes	No	NA	Comments:
Sample Container Intact?	✓			cr=cooler 1 of 2
Sample Custody Seals Intact?			✓	cr=cooler 2 of 2
Adequate Sample Volume?	✓			
Container Type Appropriate for Analysis(es)	✓			

Preservation Documented: Na2S2O3 Trizma NH4CH3CO2 None Alu Other

Verified by/Date: 16 03 17/21



March 30, 2021

Vista Work Order No. 2103186

Dr. Dorin Bogdan
AECOM
5350 Sparks Dr SE
Grand Rapids, MI 49546

Dear Dr. Bogdan,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on March 16, 2021 under your Project Name 'Bronson Well sampling/Bio solids'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

Martha Maier
Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 2103186**Case Narrative****Sample Condition on Receipt:**

Ten aqueous samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology. The samples were received in good condition and within the recommended temperature requirements. A revised Chain-of-Custody (CoC) was received by email on March 16, 2021.

Analytical Notes:**PFAS Isotope Dilution Method**

The following samples contained particulate and were centrifuged prior to extraction:

<u>Laboratory ID</u>	<u>Sample Name</u>
2103186-01	GW2103081245GSC
2103186-05	GW2103081435GSC
2103186-06	GW2103081610GSC
2103186-08	GW2103081655GSC
2103186-09	GW2103081655GSC-FD

The samples were extracted and analyzed for a selected list of PFAS using Vista's PFAS Isotope Dilution Method. The results for PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Results for all other analytes include the linear isomers only.

Holding Times

The samples were extracted and analyzed within the hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the acceptance criteria.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the LOQ. The recovery of HFPO-DA was greater than 135% in the OPR. This analyte was not detected in the samples. The recoveries of all other analytes were within the acceptance criteria.

The labeled standard recoveries for all QC and field samples were within the acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
2103186-01	GW2103081245GSC	08-Mar-21 12:45	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-02	GW2103081135GSC	08-Mar-21 11:35	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-03	GW2103081315GSC	08-Mar-21 13:15	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-04	GW2103081355GSC	08-Mar-21 13:55	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-05	GW2103081435GSC	08-Mar-21 14:35	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-06	GW2103081610GSC	08-Mar-21 16:10	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-07	FB2103081600GSC	08-Mar-21 16:00	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-08	GW2103081655GSC	08-Mar-21 16:55	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-09	GW2103081655GSC-FD	08-Mar-21 16:55	16-Mar-21 13:34	HDPE Bottle, 250 mL
2103186-10	GW2103081100GSC	08-Mar-21 11:00	16-Mar-21 13:34	HDPE Bottle, 250 mL
				HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Sample ID: Method Blank										PFAS Isotope Dilution Method		
Client Data				Laboratory Data								
Name:	AECOM	Matrix:	Aqueous	Lab Sample:		B1C0180-BLK1		Column:	BEH C18			
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFPeA	2706-90-3	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFBS	375-73-5	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
4:2 FTS	757124-72-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFHxA	307-24-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFPeS	2706-91-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
HFPO-DA	13252-13-6	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFHpA	375-85-9	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
ADONA	919005-14-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFHxS	355-46-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
6:2 FTS	27619-97-2	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFOA	335-67-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFecHS	646-83-3	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFHpS	375-92-8	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFNA	375-95-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFOSA	754-91-6	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFOS	1763-23-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
9Cl-PF3ONS	756426-58-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFDA	335-76-2	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
8:2 FTS	39108-34-4	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFNS	68259-12-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
MeFOSAA	2355-31-9	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
EtFOSAA	2991-50-6	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFUnA	2058-94-8	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFDS	335-77-3	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
11Cl-PF3OUdS	763051-92-9	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFDoA	307-55-1	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFTrDA	72629-94-8	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
PFTeDA	376-06-7	ND	1.00	2.00	4.00		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	76.1	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C3-PFPeA	IS	64.7	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C3-PFBS	IS	68.8	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C3-HFPO-DA	IS	69.2	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C2-4:2 FTS	IS	72.1	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C2-PFHxA	IS	66.2	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C4-PFHpA	IS	68.4	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		
13C3-PFHxS	IS	71.6	25 - 150			B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1		

Sample ID: Method Blank							PFAS Isotope Dilution Method			
Client Data				Laboratory Data						
Name:	AECOM	Matrix:	Aqueous	Lab Sample: B1C0180-BLK1				Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids									
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-6:2 FTS	IS	71.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C5-PFNA	IS	70.0	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C8-PFOSA	IS	38.4	10 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFOA	IS	65.6	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C8-PFOS	IS	60.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFDA	IS	61.6	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-8:2 FTS	IS	61.7	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
d3-MeFOSAA	IS	56.3	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFUnA	IS	55.7	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
d5-EtFOSAA	IS	49.6	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFDoA	IS	54.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	
13C2-PFTeDA	IS	46.2	20 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 01:54	1	

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: OPR											PFAS Isotope Dilution Method				
Client Data				Laboratory Data											
Name:	AECOM	Matrix:	Aqueous	Lab Sample:			B1C0180-BS1		Column:	BEH C18					
Analyte	CAS Number	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution				
PFBA	375-22-4	40.6	40.0	101	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFPeA	2706-90-3	39.0	40.0	97.4	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFBS	375-73-5	37.4	40.0	93.4	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
4:2 FTS	757124-72-4	41.9	40.0	105	60 - 145		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFHxA	307-24-4	39.4	40.0	98.6	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFPeS	2706-91-4	37.6	40.0	93.9	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
HFPO-DA	13252-13-6	55.5	40.0	139	65 - 135	H	B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFHpA	375-85-9	36.9	40.0	92.3	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
ADONA	919005-14-4	38.8	40.0	97.0	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFHxS	355-46-4	39.7	40.0	99.3	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
6:2 FTS	27619-97-2	37.5	40.0	93.8	60 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFOA	335-67-1	40.8	40.0	102	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFecHS	646-83-3	41.7	40.0	104	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFHpS	375-92-8	46.0	40.0	115	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFNA	375-95-1	40.6	40.0	102	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFOSA	754-91-6	45.4	40.0	114	65 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFOS	1763-23-1	44.9	40.0	112	65 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
9Cl-PF3ONS	756426-58-1	40.5	40.0	101	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFDA	335-76-2	38.7	40.0	96.7	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
8:2 FTS	39108-34-4	38.9	40.0	97.2	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFNS	68259-12-1	38.7	40.0	96.9	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
MeFOSAA	2355-31-9	40.1	40.0	100	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
EtFOSAA	2991-50-6	35.5	40.0	88.8	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFUnA	2058-94-8	42.2	40.0	106	65 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFDS	335-77-3	34.9	40.0	87.4	50 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
11Cl-PF3OUdS	763051-92-9	42.1	40.0	105	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFDoA	307-55-1	43.3	40.0	108	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFTrDA	72629-94-8	41.0	40.0	102	60 - 140		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
PFTeDA	376-06-7	43.5	40.0	109	65 - 135		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1				
Labeled Standards		Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution					
13C3-PFBA		IS	75.5	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					
13C3-PFPeA		IS	65.4	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					
13C3-PFBS		IS	75.1	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					
13C3-HFPO-DA		IS	58.1	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					
13C2-4:2 FTS		IS	62.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1					

Sample ID: OPR
PFAS Isotope Dilution Method

Client Data				Laboratory Data						
Name:	AECOM	Matrix:	Aqueous <th>Lab Sample:</th> <td data-cs="2" data-kind="parent">B1C0180-BS1</td> <td data-kind="ghost"></td> <th>Column:</th> <td data-cs="3" data-kind="parent">BEH C18</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Lab Sample:	B1C0180-BS1		Column:	BEH C18		
Labeled Standards		Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFHxA		IS	65.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C4-PFHxA		IS	67.7	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C3-PFHxA		IS	70.9	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-6:2 FTS		IS	71.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C5-PFNA		IS	69.3	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C8-PFOSA		IS	36.2	10 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFOA		IS	66.5	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C8-PFOS		IS	60.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFDA		IS	62.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-8:2 FTS		IS	67.4	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
d3-MeFOSAA		IS	56.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFUuA		IS	54.4	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
d5-EtFOSAA		IS	54.8	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFDuA		IS	52.2	25 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1
13C2-PFTeDA		IS	49.1	20 - 150		B1C0180	22-Mar-21	0.250 L	26-Mar-21 02:04	1

Sample ID: GW2103081245GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-01		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 12:45		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	1.26	0.990	1.98	3.96	J	B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFPeA	2706-90-3	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFBS	375-73-5	4.27	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
4:2 FTS	757124-72-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFHxA	307-24-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFPeS	2706-91-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
HFPO-DA	13252-13-6	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFHpA	375-85-9	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
ADONA	919005-14-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFHxS	355-46-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
6:2 FTS	27619-97-2	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFOA	335-67-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFecHS	646-83-3	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFHpS	375-92-8	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFNA	375-95-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFOSA	754-91-6	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFOS	1763-23-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
9Cl-PF3ONS	756426-58-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFDA	335-76-2	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
8:2 FTS	39108-34-4	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFNS	68259-12-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
MeFOSAA	2355-31-9	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
EtFOSAA	2991-50-6	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFUnA	2058-94-8	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFDS	335-77-3	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
11Cl-PF3OUdS	763051-92-9	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFDoA	307-55-1	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFTrDA	72629-94-8	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
PFTeDA	376-06-7	ND	0.990	1.98	3.96		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	79.0	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C3-PFPeA	IS	70.6	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C3-PFBS	IS	71.0	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C3-HFPO-DA	IS	74.1	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C2-4:2 FTS	IS	67.9	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C2-PFHxA	IS	71.9	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C4-PFHpA	IS	68.6	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	
13C3-PFHxS	IS	70.0	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1	

Sample ID: GW2103081245GSC
PFAS Isotope Dilution Method
Client Data

 Name: AECOM
 Project: Bronson Well sampling/Bio solids
 Location: CA04-MW1D

 Matrix: Aqueous
 Date Collected: 08-Mar-21 12:45

Laboratory Data

 Lab Sample: 2103186-01
 Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	70.1	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C5-PFNA	IS	70.1	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C8-PFOSA	IS	54.0	10 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFOA	IS	66.2	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C8-PFOS	IS	65.7	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFDA	IS	63.3	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-8:2 FTS	IS	64.4	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
d3-MeFOSAA	IS	67.6	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFUnA	IS	63.5	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
d5-EtFOSAA	IS	62.9	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFDoA	IS	61.8	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1
13C2-PFTeDA	IS	49.7	20 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:15	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081135GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM <th>Matrix:</th> <td data-cs="2" data-kind="parent">Aqueous</td> <td data-kind="ghost"></td> <th>Lab Sample:</th> <td data-cs="2" data-kind="parent">2103186-02</td> <td data-kind="ghost"></td> <th>Column:</th> <td data-cs="3" data-kind="parent">BEH C18</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Matrix:	Aqueous		Lab Sample:	2103186-02		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 11:35		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFPeA	2706-90-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFBS	375-73-5	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
4:2 FTS	757124-72-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFHxA	307-24-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFPeS	2706-91-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
HFPO-DA	13252-13-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFHpA	375-85-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
ADONA	919005-14-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFHxS	355-46-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
6:2 FTS	27619-97-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFOA	335-67-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFecHS	646-83-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFHpS	375-92-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFNA	375-95-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFOSA	754-91-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFOS	1763-23-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
9Cl-PF3ONS	756426-58-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFDA	335-76-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
8:2 FTS	39108-34-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFNS	68259-12-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
MeFOSAA	2355-31-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
EtFOSAA	2991-50-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFUnA	2058-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFDS	335-77-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
11Cl-PF3OUdS	763051-92-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFDoA	307-55-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFTrDA	72629-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
PFTeDA	376-06-7	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	78.3	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C3-PFPeA	IS	71.1	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C3-PFBS	IS	71.8	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C3-HFPO-DA	IS	77.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C2-4:2 FTS	IS	74.8	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C2-PFHxA	IS	71.7	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C4-PFHpA	IS	68.1	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	
13C3-PFHxS	IS	69.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1	

Sample ID: GW2103081135GSC
PFAS Isotope Dilution Method
Client Data

 Name: AECOM
 Project: Bronson Well sampling/Bio solids
 Location: CA05-MW2D

 Matrix: Aqueous
 Date Collected: 08-Mar-21 11:35

Laboratory Data

 Lab Sample: 2103186-02
 Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	73.3	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C5-PFNA	IS	71.9	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C8-PFOSA	IS	53.7	10 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C2-PFOA	IS	67.6	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C8-PFOS	IS	70.9	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C2-PFDA	IS	68.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C2-8:2 FTS	IS	70.0	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
d3-MeFOSAA	IS	70.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C2-PFUnA	IS	62.9	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
d5-EtFOSAA	IS	65.8	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C2-PFDoA	IS	65.4	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1
13C2-PFTeDA	IS	54.8	20 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:25	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081315GSC

PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:		2103186-03		Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 13:15		Date Received:		16-Mar-21 13:34				
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	7.00	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFPeA	2706-90-3	4.59	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFBS	375-73-5	2.21	0.992	1.98	3.97	J	B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
4:2 FTS	757124-72-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFHxA	307-24-4	1.44	0.992	1.98	3.97	J, Q	B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFPeS	2706-91-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
HFPO-DA	13252-13-6	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFHpA	375-85-9	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
ADONA	919005-14-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFHxS	355-46-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
6:2 FTS	27619-97-2	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFOA	335-67-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFecHS	646-83-3	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFHpS	375-92-8	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFNA	375-95-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFOSA	754-91-6	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFOS	1763-23-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
9Cl-PF3ONS	756426-58-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFDA	335-76-2	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
8:2 FTS	39108-34-4	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFNS	68259-12-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
MeFOSAA	2355-31-9	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
EtFOSAA	2991-50-6	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFUnA	2058-94-8	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFDS	335-77-3	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
11Cl-PF3OUdS	763051-92-9	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFDoA	307-55-1	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFTrDA	72629-94-8	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
PFTeDA	376-06-7	ND	0.992	1.98	3.97		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	78.9	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C3-PFPeA	IS	72.5	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C3-PFBS	IS	71.3	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C3-HFPO-DA	IS	64.7	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C2-4:2 FTS	IS	69.6	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C2-PFHxA	IS	69.7	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C4-PFHpA	IS	69.1	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	
13C3-PFHxS	IS	73.3	25 - 150			B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1	

Sample ID: GW2103081315GSC
PFAS Isotope Dilution Method
Client Data

 Name: AECOM
 Project: Bronson Well sampling/Bio solids
 Location: CA04-MW1S

 Matrix: Aqueous
 Date Collected: 08-Mar-21 13:15

Laboratory Data

 Lab Sample: 2103186-03
 Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	69.4	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C5-PFNA	IS	73.0	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C8-PFOSA	IS	51.4	10 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFOA	IS	69.3	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C8-PFOS	IS	67.0	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFDA	IS	68.9	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-8:2 FTS	IS	67.5	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
d3-MeFOSAA	IS	67.4	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFUnA	IS	65.2	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
d5-EtFOSAA	IS	67.1	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFDoA	IS	66.9	25 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1
13C2-PFTeDA	IS	58.5	20 - 150		B1C0180	22-Mar-21	0.252 L	26-Mar-21 02:36	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081355GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-04		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 13:55		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFPeA	2706-90-3	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFBS	375-73-5	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
4:2 FTS	757124-72-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFHxA	307-24-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFPeS	2706-91-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
HFPO-DA	13252-13-6	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFHpA	375-85-9	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
ADONA	919005-14-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFHxS	355-46-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
6:2 FTS	27619-97-2	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFOA	335-67-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFecHS	646-83-3	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFHpS	375-92-8	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFNA	375-95-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFOSA	754-91-6	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFOS	1763-23-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
9Cl-PF3ONS	756426-58-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFDA	335-76-2	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
8:2 FTS	39108-34-4	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFNS	68259-12-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
MeFOSAA	2355-31-9	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
EtFOSAA	2991-50-6	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFUnA	2058-94-8	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFDS	335-77-3	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
11Cl-PF3OUdS	763051-92-9	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFDoA	307-55-1	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFTrDA	72629-94-8	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
PFTeDA	376-06-7	ND	1.00	2.01	4.01		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	77.6	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C3-PFPeA	IS	69.8	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C3-PFBS	IS	72.5	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C3-HFPO-DA	IS	69.5	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C2-4:2 FTS	IS	81.1	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C2-PFHxA	IS	68.9	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C4-PFHpA	IS	69.3	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	
13C3-PFHxS	IS	71.9	25 - 150			B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1	

Sample ID: GW2103081355GSC

PFAS Isotope Dilution Method

Client Data

Name: AECOM
 Project: Bronson Well sampling/Bio solids
 Location: CA05-MW1D

Matrix: Aqueous
 Date Collected: 08-Mar-21 13:55

Laboratory Data

Lab Sample: 2103186-04
 Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-6:2 FTS	IS	69.1	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C5-PFNA	IS	69.5	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C8-PFOSA	IS	47.6	10 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFOA	IS	66.7	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C8-PFOS	IS	67.5	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFDA	IS	69.2	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-8:2 FTS	IS	70.9	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
d3-MeFOSAA	IS	65.5	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFUnA	IS	61.3	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
d5-EtFOSAA	IS	68.3	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFDoA	IS	68.0	25 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1
13C2-PFTeDA	IS	54.3	20 - 150		B1C0180	22-Mar-21	0.249 L	26-Mar-21 02:46	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081435GSC

PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:		2103186-05		Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 14:35		Date Received:		16-Mar-21 13:34				
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFPeA	2706-90-3	2.11	1.01	2.02	4.03	J	B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFBS	375-73-5	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
4:2 FTS	757124-72-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFHxA	307-24-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFPeS	2706-91-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
HFPO-DA	13252-13-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFHpA	375-85-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
ADONA	919005-14-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFHxS	355-46-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
6:2 FTS	27619-97-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFOA	335-67-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFecHS	646-83-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFHpS	375-92-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFNA	375-95-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFOSA	754-91-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFOS	1763-23-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
9Cl-PF3ONS	756426-58-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFDA	335-76-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
8:2 FTS	39108-34-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFNS	68259-12-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
MeFOSAA	2355-31-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
EtFOSAA	2991-50-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFUnA	2058-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFDS	335-77-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
11Cl-PF3OUdS	763051-92-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFDoA	307-55-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFTrDA	72629-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
PFTeDA	376-06-7	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	79.7	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C3-PFPeA	IS	72.8	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C3-PFBS	IS	71.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C3-HFPO-DA	IS	82.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-4:2 FTS	IS	88.9	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-PFHxA	IS	70.3	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C4-PFHpA	IS	76.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C3-PFHxS	IS	74.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	

Sample ID: GW2103081435GSC

PFAS Isotope Dilution Method

Client Data				Laboratory Data						
Name:	AECOM <th>Matrix:</th> <td>Aqueous<th>Lab Sample:</th><td>2103186-05<th>Date Received:</th><td>16-Mar-21 13:34<th>Column:</th><td>BEH C18</td><th></th></td></td></td>	Matrix:	Aqueous <th>Lab Sample:</th> <td>2103186-05<th>Date Received:</th><td>16-Mar-21 13:34<th>Column:</th><td>BEH C18</td><th></th></td></td>	Lab Sample:	2103186-05 <th>Date Received:</th> <td>16-Mar-21 13:34<th>Column:</th><td>BEH C18</td><th></th></td>	Date Received:	16-Mar-21 13:34 <th>Column:</th> <td>BEH C18</td> <th></th>	Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 14:35							
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-6:2 FTS	IS	76.0	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C5-PFNA	IS	71.7	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C8-PFOSA	IS	51.4	10 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-PFOA	IS	71.5	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C8-PFOS	IS	70.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-PFDA	IS	68.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-8:2 FTS	IS	66.4	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
d3-MeFOSAA	IS	70.2	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-PFUnA	IS	64.7	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
d5-EtFOSAA	IS	67.7	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-PFDoA	IS	62.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	
13C2-PFTeDA	IS	47.9	20 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 02:56	1	

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081610GSC

PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:		2103186-06		Column:	BEH C18	
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:10		Date Received:		16-Mar-21 13:34				
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFPeA	2706-90-3	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFBS	375-73-5	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
4:2 FTS	757124-72-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFHxA	307-24-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFPeS	2706-91-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
HFPO-DA	13252-13-6	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFHpA	375-85-9	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
ADONA	919005-14-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFHxS	355-46-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
6:2 FTS	27619-97-2	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFOA	335-67-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFecHS	646-83-3	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFHpS	375-92-8	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFNA	375-95-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFOSA	754-91-6	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFOS	1763-23-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
9Cl-PF3ONS	756426-58-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFDA	335-76-2	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
8:2 FTS	39108-34-4	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFNS	68259-12-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
MeFOSAA	2355-31-9	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
EtFOSAA	2991-50-6	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFUnA	2058-94-8	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFDS	335-77-3	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
11Cl-PF3OUdS	763051-92-9	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFDoA	307-55-1	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFTrDA	72629-94-8	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
PFTeDA	376-06-7	ND	0.979	1.96	3.92		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	79.8	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C3-PFPeA	IS	68.8	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C3-PFBS	IS	72.7	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C3-HFPO-DA	IS	79.2	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C2-4:2 FTS	IS	81.0	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C2-PFHxA	IS	71.0	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C4-PFHpA	IS	69.5	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	
13C3-PFHxS	IS	72.6	25 - 150			B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1	

Sample ID: GW2103081610GSC
PFAS Isotope Dilution Method
Client Data

Name: AECOM
Project: Bronson Well sampling/Bio solids
Location: CA03-MW1D

Matrix: Aqueous
Date Collected: 08-Mar-21 16:10

Laboratory Data

Lab Sample: 2103186-06
Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	72.8	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C5-PFNA	IS	70.2	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C8-PFOSA	IS	50.6	10 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFOA	IS	67.2	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C8-PFOS	IS	70.5	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFDA	IS	68.7	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-8:2 FTS	IS	67.1	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
d3-MeFOSAA	IS	67.1	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFUnA	IS	64.2	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
d5-EtFOSAA	IS	64.7	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFDoA	IS	65.3	25 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1
13C2-PFTeDA	IS	50.8	20 - 150		B1C0180	22-Mar-21	0.255 L	26-Mar-21 03:07	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: FB2103081600GSC

PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-07		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:00		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFPeA	2706-90-3	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFBS	375-73-5	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
4:2 FTS	757124-72-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFHxA	307-24-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFPeS	2706-91-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
HFPO-DA	13252-13-6	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFHpA	375-85-9	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
ADONA	919005-14-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFHxS	355-46-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
6:2 FTS	27619-97-2	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFOA	335-67-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFecHS	646-83-3	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFHpS	375-92-8	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFNA	375-95-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFOSA	754-91-6	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFOS	1763-23-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
9Cl-PF3ONS	756426-58-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFDA	335-76-2	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
8:2 FTS	39108-34-4	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFNS	68259-12-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
MeFOSAA	2355-31-9	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
EtFOSAA	2991-50-6	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFUnA	2058-94-8	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFDS	335-77-3	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
11Cl-PF3OUdS	763051-92-9	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFDoA	307-55-1	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFTrDA	72629-94-8	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
PFTeDA	376-06-7	ND	0.972	1.95	3.89		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	78.2	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C3-PFPeA	IS	67.2	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C3-PFBS	IS	73.7	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C3-HFPO-DA	IS	67.1	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-4:2 FTS	IS	67.4	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C2-PFHxA	IS	71.0	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C4-PFHpA	IS	67.3	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	
13C3-PFHxS	IS	73.9	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1	

Sample ID: FB2103081600GSC
PFAS Isotope Dilution Method
Client Data

Name: AECOM
Project: Bronson Well sampling/Bio solids
Location: BRONSON Blank

Matrix: Aqueous
Date Collected: 08-Mar-21 16:00

Laboratory Data

Lab Sample: 2103186-07
Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	71.9	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C5-PFNA	IS	70.5	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C8-PFOSA	IS	41.8	10 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C2-PFOA	IS	67.5	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C8-PFOS	IS	71.7	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C2-PFDA	IS	69.6	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C2-8:2 FTS	IS	77.6	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
d3-MeFOSAA	IS	64.1	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C2-PFUnA	IS	64.2	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
d5-EtFOSAA	IS	59.2	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C2-PFDoA	IS	66.0	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1
13C2-PFTeDA	IS	52.5	20 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 03:17	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081655GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM <th>Matrix:</th> <td data-cs="2" data-kind="parent">Aqueous</td> <td data-kind="ghost"></td> <th>Lab Sample:</th> <td data-cs="2" data-kind="parent">2103186-08</td> <td data-kind="ghost"></td> <th>Column:</th> <td data-cs="3" data-kind="parent">BEH C18</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Matrix:	Aqueous		Lab Sample:	2103186-08		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:55		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	30.4	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFPeA	2706-90-3	41.3	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFBS	375-73-5	48.0	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
4:2 FTS	757124-72-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFHxA	307-24-4	36.0	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFPeS	2706-91-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
HFPO-DA	13252-13-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFHpA	375-85-9	15.3	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
ADONA	919005-14-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFHxS	355-46-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
6:2 FTS	27619-97-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFOA	335-67-1	6.87	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFecHS	646-83-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFHpS	375-92-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFNA	375-95-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFOSA	754-91-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFOS	1763-23-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
9Cl-PF3ONS	756426-58-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFDA	335-76-2	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
8:2 FTS	39108-34-4	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFNS	68259-12-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
MeFOSAA	2355-31-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
EtFOSAA	2991-50-6	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFUnA	2058-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFDS	335-77-3	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
11Cl-PF3OUdS	763051-92-9	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFDoA	307-55-1	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFTrDA	72629-94-8	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
PFTeDA	376-06-7	ND	1.01	2.02	4.03		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	79.0	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C3-PFPeA	IS	69.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C3-PFBS	IS	70.0	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C3-HFPO-DA	IS	70.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-4:2 FTS	IS	80.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-PFHxA	IS	70.9	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C4-PFHpA	IS	70.6	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C3-PFHxS	IS	67.5	25 - 150			B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	

Sample ID: GW2103081655GSC
PFAS Isotope Dilution Method

Client Data				Laboratory Data						
Name:	AECOM <th>Matrix:</th> <td>Aqueous<th>Lab Sample:</th><td data-cs="2" data-kind="parent">2103186-08</td><td data-kind="ghost"></td><th>Column:</th><td data-cs="3" data-kind="parent">BEH C18</td><td data-kind="ghost"></td><td data-kind="ghost"></td></td>	Matrix:	Aqueous <th>Lab Sample:</th> <td data-cs="2" data-kind="parent">2103186-08</td> <td data-kind="ghost"></td> <th>Column:</th> <td data-cs="3" data-kind="parent">BEH C18</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Lab Sample:	2103186-08		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:55 <th>Date Received:</th> <td data-cs="2" data-kind="parent">16-Mar-21 13:34</td> <td data-kind="ghost"></td> <th></th> <td data-cs="3" data-kind="parent"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Date Received:	16-Mar-21 13:34					
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C2-6:2 FTS	IS	72.2	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C5-PFNA	IS	70.7	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C8-PFOSA	IS	48.0	10 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-PFOA	IS	68.3	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C8-PFOS	IS	67.0	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-PFDA	IS	66.3	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-8:2 FTS	IS	66.1	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
d3-MeFOSAA	IS	66.8	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-PFUnA	IS	63.5	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
d5-EtFOSAA	IS	62.4	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-PFDoA	IS	63.3	25 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	
13C2-PFTeDA	IS	54.6	20 - 150		B1C0180	22-Mar-21	0.248 L	26-Mar-21 03:59	1	

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081655GSC-FD
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM	Matrix:	Aqueous		Lab Sample:	2103186-09		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 16:55		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	29.2	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFPeA	2706-90-3	41.0	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFBS	375-73-5	45.4	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
4:2 FTS	757124-72-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFHxA	307-24-4	33.7	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFPeS	2706-91-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
HFPO-DA	13252-13-6	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFHpA	375-85-9	15.3	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
ADONA	919005-14-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFHxS	355-46-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
6:2 FTS	27619-97-2	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFOA	335-67-1	6.43	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFecHS	646-83-3	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFHpS	375-92-8	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFNA	375-95-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFOSA	754-91-6	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFOS	1763-23-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
9Cl-PF3ONS	756426-58-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFDA	335-76-2	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
8:2 FTS	39108-34-4	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFNS	68259-12-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
MeFOSAA	2355-31-9	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
EtFOSAA	2991-50-6	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFUnA	2058-94-8	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFDS	335-77-3	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
11Cl-PF3OUdS	763051-92-9	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFDoA	307-55-1	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFTrDA	72629-94-8	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
PFTeDA	376-06-7	ND	0.938	1.87	3.75		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	70.4	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C3-PFPeA	IS	62.2	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C3-PFBS	IS	63.3	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C3-HFPO-DA	IS	55.1	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-4:2 FTS	IS	67.3	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C2-PFHxA	IS	63.6	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C4-PFHpA	IS	63.3	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	
13C3-PFHxS	IS	66.2	25 - 150			B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1	

Sample ID: GW2103081655GSC-FD
PFAS Isotope Dilution Method
Client Data

 Name: AECOM
 Project: Bronson Well sampling/Bio solids
 Location: CA03-MW1S

 Matrix: Aqueous
 Date Collected: 08-Mar-21 16:55

Laboratory Data

 Lab Sample: 2103186-09
 Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards
Type
% Recovery
Limits
Qualifiers
Batch
Extracted
Samp Size
Analyzed
Dilution

13C2-6:2 FTS	IS	70.0	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C5-PFNA	IS	62.6	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C8-PFOSA	IS	41.5	10 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C2-PFOA	IS	62.6	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C8-PFOS	IS	61.5	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C2-PFDA	IS	64.0	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C2-8:2 FTS	IS	66.0	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
d3-MeFOSAA	IS	63.2	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C2-PFUnA	IS	58.7	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
d5-EtFOSAA	IS	57.4	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C2-PFDoA	IS	62.4	25 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1
13C2-PFTeDA	IS	54.5	20 - 150		B1C0180	22-Mar-21	0.267 L	26-Mar-21 04:09	1

DL - Detection Limit

LOD - Limit of Detection

Results reported to the DL.

LOQ - Limit of quantitation

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

Sample ID: GW2103081100GSC
PFAS Isotope Dilution Method

Client Data		Laboratory Data									
Name:	AECOM <th>Matrix:</th> <td data-cs="2" data-kind="parent">Aqueous</td> <td data-kind="ghost"></td> <th>Lab Sample:</th> <td data-cs="2" data-kind="parent">2103186-10</td> <td data-kind="ghost"></td> <th>Column:</th> <td data-cs="3" data-kind="parent">BEH C18</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>	Matrix:	Aqueous		Lab Sample:	2103186-10		Column:	BEH C18		
Project:	Bronson Well sampling/Bio solids	Date Collected:	08-Mar-21 11:00		Date Received:	16-Mar-21 13:34					
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFPeA	2706-90-3	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFBS	375-73-5	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
4:2 FTS	757124-72-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFHxA	307-24-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFPeS	2706-91-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
HFPO-DA	13252-13-6	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFHpA	375-85-9	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
ADONA	919005-14-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFHxS	355-46-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
6:2 FTS	27619-97-2	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFOA	335-67-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFecHS	646-83-3	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFHpS	375-92-8	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFNA	375-95-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFOSA	754-91-6	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFOS	1763-23-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
9Cl-PF3ONS	756426-58-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFDA	335-76-2	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
8:2 FTS	39108-34-4	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFNS	68259-12-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
MeFOSAA	2355-31-9	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
EtFOSAA	2991-50-6	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFUnA	2058-94-8	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFDS	335-77-3	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
11Cl-PF3OUdS	763051-92-9	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFDoA	307-55-1	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFTrDA	72629-94-8	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
PFTeDA	376-06-7	ND	0.974	1.95	3.90		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBA	IS	92.8	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C3-PFPeA	IS	80.4	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C3-PFBS	IS	81.9	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C3-HFPO-DA	IS	89.1	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C2-4:2 FTS	IS	78.8	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C2-PFHxA	IS	79.7	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C4-PFHpA	IS	78.8	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	
13C3-PFHxS	IS	83.2	25 - 150			B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1	

Sample ID: GW2103081100GSC

PFAS Isotope Dilution Method

Client Data

Name: AECOM
 Project: Bronson Well sampling/Bio solids
 Location: CA05-MW2S

Matrix: Aqueous
 Date Collected: 08-Mar-21 11:00

Laboratory Data

Lab Sample: 2103186-10
 Date Received: 16-Mar-21 13:34

Column: BEH C18

Labeled Standards

Type

% Recovery

Limits

Qualifiers

Batch

Extracted

Samp Size

Analyzed

Dilution

13C2-6:2 FTS	IS	80.6	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C5-PFNA	IS	81.0	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C8-PFOSA	IS	55.2	10 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFOA	IS	78.1	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C8-PFOS	IS	77.3	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFDA	IS	75.9	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-8:2 FTS	IS	68.0	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
d3-MeFOSAA	IS	77.6	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFUnA	IS	72.5	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
d5-EtFOSAA	IS	73.8	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFDoA	IS	75.9	25 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1
13C2-PFTeDA	IS	62.7	20 - 150		B1C0180	22-Mar-21	0.257 L	26-Mar-21 04:19	1

DL - Detection Limit

LOD - Limit of Detection

LOQ - Limit of quantitation

Results reported to the DL.

When reported, PFHxS, PFOA, PFOS, MeFOSAA and EtFOSAA include both linear and branched isomers. Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
CRS	Cleanup Recovery Standard
D	Dilution
DL	Detection Limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
IS	Internal Standard
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limit of Detection
LOQ	Limit of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
MDL	Method Detection Limit
NA	Not applicable
ND	Not Detected
OPR	Ongoing Precision and Recovery sample
P	The reported concentration may include contribution from chlorinated diphenyl ether(s).
Q	The ion transition ratio is outside of the acceptance criteria.
RL	Reporting Limit
RL	For 537.1, the reported RLs are the MRLs.
TEQ	Toxic Equivalency, sum of the toxic equivalency factors (TEF) multiplied by the sample concentrations.
TEQMax	TEQ calculation that uses the detection limit as the concentration for non-detects
TEQMin	TEQ calculation that uses zero as the concentration for non-detects
TEQRisk	TEQ calculation that uses $\frac{1}{2}$ the detection limit as the concentration for non-detects
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

Vista Analytical Laboratory Certifications

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	19-013-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-23
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Massachusetts Department of Environmental Protection	N/A
Michigan Department of Environmental Quality	9932
Minnesota Department of Health	1521520
New Hampshire Environmental Accreditation Program	207718-B
New Jersey Department of Environmental Protection	190001
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-010
Pennsylvania Department of Environmental Protection	016
Texas Commission on Environmental Quality	T104704189-19-10
Vermont Department of Health	VT-4042
Virginia Department of General Services	10272
Washington Department of Ecology	C584-19
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.

NELAP Accredited Test Methods

MATRIX: Air	
Description of Test	Method
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA 23
Determination of Polychlorinated p-Dioxins & Polychlorinated Dibenzofurans	EPA TO-9A

MATRIX: Biological Tissue	
Description of Test	Method
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Drinking Water	
Description of Test	Method
2,3,7,8-Tetrachlorodibenzo- p-dioxin (2,3,7,8-TCDD) GC/HRMS	EPA 1613/1613B
1,4-Dioxane (1,4-Diethyleneoxide) analysis by GC/HRMS	EPA 522
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	ISO 25101 2009

MATRIX: Non-Potable Water	
Description of Test	Method
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Dioxin by GC/HRMS	EPA 613
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

MATRIX: Solids	
Description of Test	Method
Tetra-Octa Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613
Tetra- through Octa-Chlorinated Dioxins and Furans by Isotope Dilution GC/HRMS	EPA 1613B
Brominated Diphenyl Ethers by HRGC/HRMS	EPA 1614A
Chlorinated Biphenyl Congeners in Water, Soil, Sediment, and Tissue by GC/HRMS	EPA 1668A/C
Pesticides in Water, Soil, Sediment, Biosolids, and Tissue by HRGC/HRMS	EPA 1699
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537
Polychlorinated Dibenzo-p-Dioxins and Polychlorinated Dibenzofurans by GC/HRMS	EPA 8280A/B
Polychlorinated Dibenzodioxins (PCDDs) and Polychlorinated Dibenzofurans (PCDFs) by GC/HRMS	EPA 8290/8290A

— revised COC — rec'd via email on 03/16/21 1414 MWS 03/17/21

CHAIN OF CUSTODY

For Laboratory Use Only	
Work Order #:	2103186
Storage ID:	R-13, WR-2
Temp:	36, 15 °C
Storage Secured:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Project ID: Bronson Well sampling/ Bio solids PO#: 60588767 Sampler: Garth Cousineau
(name)

TAT Standard: 21 days
 Rush (surcharge may apply)
 14 days 7 days Specify: _____

Invoice to: Name Stephanie Kammer Company EGLE Address 525 W. Allegan St City Lansing State MI Ph# 517-897-1597 Fax# 517-241-3571

Relinquished by (printed name and signature) Garth Cousineau Date 3/16/2021 Time 17:00 Received by (printed name and signature) John Bogdan Date 3/16/2021 Time 17:00

see original COC

Relinquished by (printed name and signature) John Bogdan Date 3/16/2021 Time 17:00 Received by (printed name and signature) Garth Cousineau Date 3/16/2021 Time 17:00

ATTN:	Tracking No.:	Add Analysis(es) Requested										Comments
		Quantity	Type	Matrix	PFOA/PFOS	UCMR3 PFAS List:6 537 List: 14	PFAS List: 24 Other: Please List Below	PFAS List: 28 PFECHS	PFOA/PFOS	UCMR3 PFAS List:6 PFAS List: 14	EPA Method 537(DW only)	
GW2103081245GSC	3/8/21	1245	CA04-MW1D	2	P	AQ		X				
GW2103081135GSC	3/8/21	1135	CA05-MW2D	2	P	AQ		X				
GW2103081315GSC	3/8/21	1315	CA04-MW1S	2	P	AQ		X				
GW2103081355GSC	3/8/21	1355	CA05-MW1D	2	P	AQ		X				
GW2103081435GSC	3/8/21	1435	CA05-MW1S	2	P	AQ		X				
GW2103081610GSC	3/8/21	1610	CA03-MW1D	2	P	AQ		X				
FB2103081600GSC	3/8/21	1600	BRONSON Blank	2	P	AQ		X				FIELD BLANK
GW2103081655GSC	3/8/21	1655	CA03-MW1S	2	P	AQ		X				
GW2103081655GSC-FD	3/8/21	1655	CA03-MW1S	2	P	AQ		X				FIELD DUPLICATE
GW2103081100GSC	3/8/21	1100	CA05-MW2S	2	P	AQ		X				

Special Instructions/Comments: Send Results and Acknowledgements to:
Michael.Wolf@aecom.com
Dorin.Bogdan@aecom.com
Robert.Kennedy@aecom.com

SEND DOCUMENTATION AND RESULTS TO:

Name: Stephanie Kammer
Company: EGLE
Address: 525 W. Allegan St
City: Lansing MI 48909
Phone: 517-897-1597 517-241-3571
Email: _____

Container Types: P= HDPE, PJ= HDPE Jar

Bottle Preservation Type: T = Thiosulfate,

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment,

O = Other: _____

TZ = Trizma: _____

SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:



Page 2 of 4 *see revised COC*

CHAIN OF CUSTODY

For Laboratory Use Only

Work Order #: 2103186

Temp: 36.1°C

Storage ID: R-3, WR-2

Storage Secured: Yes No

Project ID: Bronson Well sampling/ Bio solids

PO#: 60588767

Sampler: Garth Cousineau

(name)

TAT Standard: 21 days

(check one): Rush (surcharge may apply)

14 days 7 days Specify:

Invoice to: Name Company

Stephanie Kammer

EGLE

Address

525 W. Allegan St

City

Lansing

State

MI

Ph# 517-897-1597

Fax# 517-241-3571

Relinquished by (printed name and signature)

Garth Cousineau Michael Koscia

Date

3/15/21

Time

1830

Received by (printed name and signature)

Karen Y. Aost Kyr

Date

03/16/21 17:34

Relinquished by (printed name and signature)

Date

Time

Received by (printed name and signature)

Date

Time

SHIP TO: Vista Analytical Laboratory
1104 Windfield Way
El Dorado Hills, CA 95762

Method of Shipment:

Add Analysis(es) Requested

ATTN: _____

Tracking No.: _____

Container(s)

Mod. EPA
Method 537

EPA Method
537(DW only)

Comments

Sample ID	Date	Time	Location/Sample Description
-----------	------	------	-----------------------------

Quantity	Type	Matrix	PFOA/PFOS	UCMR3 PFAS List 6	537 List 14	PFAS List of 24	Other: Please List Below	PFAS List of 28 - Branch and Linear	PFOA/PFOS	UCMR3 PFAS List 6	PFAS List 14
----------	------	--------	-----------	-------------------	-------------	-----------------	--------------------------	-------------------------------------	-----------	-------------------	--------------

GW2103081245GSC	3/8/21	1245	CA04-MW1D	2	P	AQ		X				
GW2103081135GSC	3/8/21	1135	CA05-MW2D	2	P	AQ			X			
GW2103081315GSC	3/8/21	1315	CA04-MW1S	2	P	AQ			X			
GW2103081355GSC	3/8/21	1355	CA05-MW1D	2	P	AQ			X			
GW2103081435GSC	3/8/21	1435	CA05-MW1S	2	P	AQ			X			
GW2103081610GSC	3/8/21	1610	CA03-MW1D	2	P	AQ			X			
FB2103081600GSC	3/8/21	1600	Bronson	2	P	AQ			X			FIELD BLANK
GW2103081655GSC	3/8/21	1655	CA03-MW1S	2	P	AQ			X			
GW2103081655GSC-FD	3/8/21	1655	CA03-MW1S	2	P	AQ			X			FIELD DUPLICATE
GW2103081100GSC	3/8/21	1100	CA05-MW2S	2	P	AQ			X			

Special Instructions/Comments: Send Results and Acknowledgements to:

Michael.Wolf@aecom.com

Dorin.Bogdan@aecom.com

Robert.Kennedy@aecom.com

SEND
DOCUMENTATION
AND RESULTS TO:

Name: Stephanie Kammer

Company: EGLE

Address: 525 W. Allegan St

City: Lansing

MI 48909

Phone: 517-897-1597

517-241-3571

Email:

Container Types: P= HDPE, PJ= HDPE Jar

O = Other:

Bottle Preservation Type: T = Thiosulfate,

TZ = Trizma:

Matrix Types: AQ = Aqueous, DW = Drinking Water, EF = Effluent, PP = Pulp/Paper, SD = Sediment,

SL = Sludge, SO = Soil, WW = Wastewater, B = Blood/Serum, O = Other:



Sample Log-In Checklist

Page # 1 of 2

Vista Work Order #: 2103186

TAT Std

Samples Arrival:	Date/Time <u>03/16/21</u> <u>13:34</u>		Initials: <u>Ks</u>		Location: <u>WR-2</u> Shelf/Rack: <u>N, A</u>		
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac	<input type="checkbox"/> GLS	<input type="checkbox"/> DHL	<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice	Blue Ice		<input type="checkbox"/> Techni Ice	<input type="checkbox"/> Dry Ice	<input type="checkbox"/> None	
Temp °C: <u>3.6</u> (uncorrected)	Probe used: Y <input checked="" type="checkbox"/> N			Thermometer ID: <u>TR-4</u>			
Temp °C: <u>3.6</u> (corrected)							

						YES	NO	NA
Shipping Container(s) Intact?						<input checked="" type="checkbox"/>		
Shipping Custody Seals Intact?							<input checked="" type="checkbox"/>	
Airbill <input checked="" type="checkbox"/>	Trk # <u>7847 7748 5881</u>					<input checked="" type="checkbox"/>		
Shipping Documentation Present?								
Shipping Container	Vista	<input checked="" type="checkbox"/> Client	Retain	<input checked="" type="checkbox"/> Return	Dispose			
Chain of Custody / Sample Documentation Present?						<input checked="" type="checkbox"/>		
Chain of Custody / Sample Documentation Complete?						<input checked="" type="checkbox"/>		
Holding Time Acceptable?						<input checked="" type="checkbox"/>		
Logged In:	Date/Time <u>03/17/21</u> <u>0849</u>	Initials: <u>MWS</u>	Location: <u>R-13, WR-2</u> Shelf/Rack: <u>3-2, F-5</u>					
COC Anomaly/Sample Acceptance Form completed?						<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:



Sample Log-In Checklist

Page # 2 of 2
TAT std

Vista Work Order #: 2103186

Samples Arrival:	Date/Time <u>03/16/21 13:34</u>		Initials: <u>LR</u>		Location: <u>WR-2</u>		
Delivered By:	<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> UPS	<input type="checkbox"/> On Trac	<input type="checkbox"/> GLS	<input type="checkbox"/> DHL	<input type="checkbox"/> Hand Delivered	<input type="checkbox"/> Other
Preservation:	<input checked="" type="checkbox"/> Ice		Blue Ice		<input type="checkbox"/> Techni Ice	<input type="checkbox"/> Dry Ice	<input type="checkbox"/> None
Temp °C: <u>15</u> (uncorrected)				Probe used: Y / <input checked="" type="checkbox"/> N	Thermometer ID: <u>IR-4</u>		
Temp °C: <u>15</u> (corrected)							

	YES	NO	NA			
Shipping Container(s) Intact?	<input checked="" type="checkbox"/>					
Shipping Custody Seals Intact?		<input checked="" type="checkbox"/>				
Airbill <input checked="" type="checkbox"/> Trk # <u>7847 7765 3745</u>	<input checked="" type="checkbox"/>					
Shipping Documentation Present?	<input checked="" type="checkbox"/>					
Shipping Container <input type="checkbox"/> Vista <input checked="" type="checkbox"/> Client <input type="checkbox"/> Retain <input checked="" type="checkbox"/> Return <input type="checkbox"/> Dispose						
Chain of Custody / Sample Documentation Present?	<input checked="" type="checkbox"/>					
Chain of Custody / Sample Documentation Complete?	<input checked="" type="checkbox"/>					
Holding Time Acceptable?	<input checked="" type="checkbox"/>					
Logged In:	Date/Time <u>03/17/21 0840</u>	Initials: <u>MWS</u>	Location: <u>R-13, WR-2</u>			
Shelf/Rack: _____						
COC Anomaly/Sample Acceptance Form completed?				<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Comments:

CoC/Label Reconciliation Report WO# 2103186

LabNumber	CoC Sample ID		Sample Alias	Sample Date/Time	Container	BaseMatrix	Report Matrix	Sample Comments
2103186-01	A GW2103081245GSC	<input checked="" type="checkbox"/>	CA04-MW1D	08-Mar-21 12:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-01	B GW2103081245GSC	<input checked="" type="checkbox"/>	CA04-MW1D	08-Mar-21 12:45	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-02	A GW2103081135GSC	<input checked="" type="checkbox"/>	CA05-MW2D	08-Mar-21 11:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-02	B GW2103081135GSC	<input checked="" type="checkbox"/>	CA05-MW2D	08-Mar-21 11:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-03	A GW2103081315GSC	<input checked="" type="checkbox"/>	CA04-MW1S	08-Mar-21 13:15	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-03	B GW2103081315GSC	<input checked="" type="checkbox"/>	CA04-MW1S	08-Mar-21 13:15	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-04	A GW2103081355GSC	<input checked="" type="checkbox"/>	CA05-MW1D	08-Mar-21 13:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-04	B GW2103081355GSC	<input checked="" type="checkbox"/>	CA05-MW1D	08-Mar-21 13:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-05	A GW2103081435GSC	<input checked="" type="checkbox"/>	CA05-MW1S	08-Mar-21 14:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-05	B GW2103081435GSC	<input checked="" type="checkbox"/>	CA05-MW1S	08-Mar-21 14:35	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-06	A GW2103081610GSC	<input checked="" type="checkbox"/>	CA03-MW1D	08-Mar-21 16:10	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-06	B GW2103081610GSC	<input checked="" type="checkbox"/>	CA03-MW1D	08-Mar-21 16:10	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-07	A FB2103081600GSC	<input checked="" type="checkbox"/>	BRONSON Blank	08-Mar-21 16:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-07	B FB2103081600GSC	<input checked="" type="checkbox"/>	BRONSON Blank	08-Mar-21 16:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-08	A GW2103081655GSC	<input checked="" type="checkbox"/>	CA03-MW1S	08-Mar-21 16:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-08	B GW2103081655GSC	<input checked="" type="checkbox"/>	CA03-MW1S	08-Mar-21 16:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-09	A GW2103081655GSC-FD	<input checked="" type="checkbox"/>	CA03-MW1S	08-Mar-21 16:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-09	B GW2103081655GSC-FD	<input checked="" type="checkbox"/>	CA03-MW1S	08-Mar-21 16:55	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-10	A GW2103081100GSC	<input checked="" type="checkbox"/>	CA05-MW2S	08-Mar-21 11:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous
2103186-10	B GW2103081100GSC	<input checked="" type="checkbox"/>	CA05-MW2S	08-Mar-21 11:00	<input checked="" type="checkbox"/>	HDPE Bottle, 250 mL	Aqueous	Aqueous

Checkmarks indicate that information on the COC reconciled with the sample label.

Any discrepancies are noted in the following columns.

	Yes	No	NA	Comments:
Sample Container Intact?	✓			cr=cooler 1 of 2
Sample Custody Seals Intact?			✓	cr=cooler 2 of 2
Adequate Sample Volume?	✓			
Container Type Appropriate for Analysis(es)	✓			

Preservation Documented: Na2S2O3 Trizma NH4CH3CO2 None Alu Other

Verified by/Date: 16 03 17/21

EXTRACTION INFORMATION

Process Sheet
Workorder: **2103186**

Prep Expiration: 2021-04-05
Client: AECOM

Workorder Due: 06-Apr-21 00:00
TAT: 21

Method: 537M PFAS DL/LOD/LOQ
Matrix: Aqueous

Prep Batch: B1C0180

Version: MI 28 + PFecHS (List of 29)-EIS

Prep Data Entered: TC 03/25/21
Date and Initials

Initial Sequence: B1C0055

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
2103186-01	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081245GSC		R-13 A-2	HDPE Bottle, 250 mL
2103186-02		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081135GSC		R-13 A-2	HDPE Bottle, 250 mL
2103186-03		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081315GSC		R-13 A-2	HDPE Bottle, 250 mL
2103186-04		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081355GSC		R-13 A-2	HDPE Bottle, 250 mL
2103186-05		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081435GSC		R-13 A-2	HDPE Bottle, 250 mL
2103186-06		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081610GSC		R-13 A-2	HDPE Bottle, 250 mL
2103186-07		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	FB2103081600GSC		R-13 A-2	HDPE Bottle, 250 mL
2103186-08		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081655GSC		R-13 A-2	HDPE Bottle, 250 mL
2103186-09		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081655GSC-FD		R-13 A-2	HDPE Bottle, 250 mL
2103186-10		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	GW2103081100GSC		R-13 A-2	HDPE Bottle, 250 mL

WO Comments: Report to DL

Pre-Prep Check Out: HS 03/22/21

Prep Check Out: N/A

Prep Reconciled Initials/Date: HS 03/22/21

Pre-Prep Check In: N/A

Prep Check In: N/A

Spike Reconciled Initials/Date: ME 03/22/21

VialBoxID: Gyoza

Matrix: Aqueous

Method: 537M PFAS DL/LOD/LOQ

PREPARATION BENCH SHEET

B1C0180

Chemist: HS
 Prep Date: 03/22/21
 Prep Time: 0858
 Hood#: 5

Prepared using: Sonication Shaker SPE Extraction Centrifuge ID: C3-C5

Rec Date/Initials: TC 03/23/21			Date/Initials: HS 03/22/21		BalanceID: HRMS - 9			IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)		
<input checked="" type="checkbox"/>	BIC0180-BLK1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	N/A	N/A	(0.250)	✓ HSTF 03/22/21	HS 03/22/21 N/A
<input checked="" type="checkbox"/>	BIC0180-BS1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	N/A	N/A	(0.250)		
<input checked="" type="checkbox"/>	2103186-01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	6	0	279.04	26.61	0.25243		
<input type="checkbox"/>	2103186-02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	274.76	26.65	0.24811		
<input type="checkbox"/>	2103186-03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	278.53	26.58	0.25195		
<input type="checkbox"/>	2103186-04	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	276.39	27.22	0.24917		
<input checked="" type="checkbox"/>	2103186-05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	274.96	26.70	0.24826		
<input checked="" type="checkbox"/>	2103186-06	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	281.95	26.62	0.25533		
<input type="checkbox"/>	2103186-07	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	283.61	26.46	0.25715		
<input checked="" type="checkbox"/>	2103186-08	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	274.90	27.00	0.24790		
<input checked="" type="checkbox"/>	2103186-09	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	293.53	27.00	0.26653		
<input type="checkbox"/>	2103186-10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	283.40	26.69	0.25671		
<input checked="" type="checkbox"/>	2103188-01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	279.49	27.34	0.25215		
<input type="checkbox"/>	2103188-02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	285.82	28.14	0.25768		
<input checked="" type="checkbox"/>	2103188-03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	0	274.29	26.70	0.24759	✓	✓

IS: 21A 0403 (v1) 10uL	SPE Chem: Strata-X-AW 33μm ^{200mg} 6mL	Notes:
IS SUP: N/A	SPE Lot#: S19-006242	
NS: 21A 2801 (v4) 10uL	ENVI-Carb Lot#: N/A	
NS SUP: N/A	Ele SOLV: MeOH/0.5%NH4OH in MeOH	
	Final Volume(s) 1 mL	

Comments: Assume 1 g = 1 mL

Cen = Centrifuged

Rec = Reconcile final vial transfer

1 = Sample centrifuged twice

2 = Sample deeply colored after centrifuge

3 = Cartridge sorbent discolored after SPE

4 = Sample clogged cartridge, additional cartridge(s) used

5 = Sample recombined at final volume

6 = Sample took longer to SPE, required stronger vacuum

7 = Required Nitrogen line to finish SPE

8 = Required Nitrogen line to finish elution

9 = Sample arrived with low volume

10 = Trizma added to QC (5g/L)

Matrix: Aqueous

Method: 537M PFAS DL/LOD/LOQ

PREPARATION BENCH SHEET

B1C0180

Chemist: HS
 Prep Date: 03/22/21
 Prep Time: 0858
 Hood#: 5

Prepared using: Sonication Shaker SPE Extraction Centrifuge ID: _____

Rec Date/Initials: TL 03/23/21			Date/Initials: HS 03/22/21		BalanceID: HRMS - 9			IS/NS CHEM/WIT DATE	SPE and Reconciliation	ENVI-Carb and Reconciliation
Cen	VISTA Sample ID	Rec Vial1	Rec Vial2	pH	Chlorine (Cl)	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)		
<input type="checkbox"/>	2103188-04	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	0	276.40	27.67	0.24673	HSTF 03/22/21	HS 03/22/21
<input type="checkbox"/>	2103188-05	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	0	275.90	26.75	0.24915		
<input type="checkbox"/>	2103188-06	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	0	281.38	27.04	0.25434		
<input type="checkbox"/>	2103188-07	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	0	277.31	27.32	0.24999		
<input type="checkbox"/>	2103188-08	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5	0	278.80	26.56	0.25224		

IS: 21A0403 v11 10uL	SPE Chem: Strata-X-AW 33 mm ^{200 mg} / _{6 mL}	Notes:
IS SUP: N/A	SPE Lot#: S19-006242	
NS: 21A2801 v4 10uL	ENVI-Carb Lot#: N/A	
NS SUP: N/A	Elv SOLV: MeOH/0.5%NH4OH in MeOH	
	Final Volume(s) 1 mL	

Comments: Assume 1 g = 1 mL

Cen = Centrifuged

Rec = Reconcile final vial transfer

- 1 = Sample centrifuged twice
- 2 = Sample deeply colored after centrifuge
- 3 = Cartridge sorbent discolored after SPE
- 4 = Sample clogged cartridge, additional cartridge(s) used
- 5 = Sample recombined at final volume

- 6 = Sample took longer to SPE, required stronger vacuum
- 7 = Required Nitrogen line to finish SPE
- 8 = Required Nitrogen line to finish elution
- 9 = Sample arrived with low volume
- 10 = Trizma added to QC (5g/L)

Batch: B1C0180

Matrix: Aqueous

LabNumber	WetWeight Initial (L)	% Solids (Extraction Solids)	DryWeight Initial (L)	Final (uL)	Extracted	Ext By	Spike	SpikeAmount (uL)	ClientMatrix	Analysis
2103186-01	0.25243 ✓	N/A	N/A	1000	22-Mar-21 08:58	✓ HS ✓			Aqueous	537M PFAS DL/LOD/LOQ
2103186-02	0.24811 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103186-03	0.25195 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103186-04	0.24917 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103186-05	0.24826 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103186-06	0.25533 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103186-07	0.25715 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103186-08	0.2479 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103186-09	0.26653 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103186-10	0.25671 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103188-01	0.25215 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103188-02	0.25768 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103188-03	0.24759 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103188-04	0.24873 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103188-05	0.24915 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103188-06	0.25434 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103188-07	0.24999 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
2103188-08	0.25224 ✓			1000	22-Mar-21 08:58	HS			Aqueous	537M PFAS DL/LOD/LOQ
B1C0180-BLK1	0.25			1000	22-Mar-21 08:58	HS			QC	
B1C0180-BS1	0.25			1000	22-Mar-21 08:58	✓ HS ✓	21A2801 ✓	10	QC	

All bolded data on report verified against written benchsheet by (initial/date) T C 03/23/21Printed: 3/23/2021 6:07:23AM
Page 1 of 1

Sample Data – PFAS Isotope Dilution Method

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:18:37 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:20:52 Pacific Daylight Time

Name: 210325M1_77, Date: 26-Mar-2021, Time: 01:54:32, ID: B1C0180-BLK1 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0		2.524e3	0.250		1.16							
2	5 PFPeA	263.1 > 218.9		3.141e3	0.250		2.11							
3	7 PFBS	299.0 > 79.7		8.667e2	0.250		2.40							YES
4	10 4:2 FTS	327.0 > 306.9		8.695e2	0.250		2.83							YES
5	11 PFHxA	313.0 > 269.0		5.149e3	0.250		2.91							YES
6	12 PFPeS	349.0 > 80.0		8.667e2	0.250		3.15							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.524e3		0.250	265.512	1.17	1.16	2520	12.5	38.030	76.1		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.141e3		0.250	388.348	2.11	2.11	3140	12.5	32.353	64.7		
9	53 13C3-PFBS-EIS	302.0 > 98.9	8.667e2		0.250	100.808	2.40	2.40	867	12.5	34.392	68.8		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	8.695e2		0.250	96.532	2.82	2.83	869	12.5	36.029	72.1		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.149e3		0.250	622.011	2.91	2.91	5150	12.5	33.115	66.2		
12	53 13C3-PFBS-EIS	302.0 > 98.9	8.667e2		0.250	100.808	2.40	2.40	867	12.5	34.392	68.8		
13	-1													
14	13 HFPO-DA	285 > 169		2.151e2	0.250		3.13							YES
15	15 PFHpA	363.0 > 318.9		3.249e3	0.250		3.52							YES
16	16 ADONA	376.8 > 250.9		3.249e3	0.250		3.61							YES
17	17 L-PFHxS	399 > 80.0		1.679e3	0.250		3.67							YES
18	77 Total PFHxs	399 > 80	0.000e0		0.250		3.83		0.000					
19	19 6:2 FTS	427 > 407.0		8.516e2	0.250		3.96							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.151e2		0.250	24.857	3.13	3.13	215	12.5	34.613	69.2		
21	57 13C4-PFHpA-EIS	367.2 > 321.8	3.249e3		0.250	380.184	3.52	3.52	3250	12.5	34.185	68.4		
22	57 13C4-PFHpA-EIS	367.2 > 321.8	3.249e3		0.250	380.184	3.52	3.52	3250	12.5	34.185	68.4		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.679e3		0.250	187.592	3.67	3.67	1680	12.5	35.809	71.6		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.679e3		0.250	187.592	3.67	3.67	1680	12.5	35.809	71.6		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.516e2		0.250	95.748	3.97	3.96	852	12.5	35.578	71.2		
26	-1													
27	20 L-PFOA	412.8 > 368.9		6.359e3	0.250		4.02							YES
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.250		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		6.359e3	0.250		4.04							YES
30	23 PFHpS	448.9 > 80.0		1.631e3	0.250		4.16							YES
31	25 PFNA	463.0 > 418.8		6.898e3	0.250		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.265e3	0.250		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.359e3		0.250	775.038	4.02	4.02	6360	12.5	32.818	65.6		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.359e3		0.250	775.038	4.02	4.02	6360	12.5	32.818	65.6		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.359e3		0.250	775.038	4.02	4.02	6360	12.5	32.818	65.6		
36	63 13C8-PFOS-EIS	507.0 > 80	1.631e3		0.250	214.550	4.55	4.55	1630	12.5	30.415	60.8		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:18:37 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:20:52 Pacific Daylight Time

Name: 210325M1_77, Date: 26-Mar-2021, Time: 01:54:32, ID: B1C0180-BLK1 0.25, Description: Method Blank

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	6.898e3		0.250	788.455	4.46	4.46	6900	12.5	34.994	70.0		
38	61 13C8-PFOSA-EIS	506. > 78	1.265e3		0.250	263.334	4.51	4.51	1270	12.5	19.217	38.4		
39	-1													
40	27 L-PFOS	499 > 79.9		1.631e3	0.250		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.250		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.631e3	0.250		4.76							YES
43	30 PFDA	513 > 468.8		5.924e3	0.250		4.84							YES
44	31 8:2 FTS	527 > 507.0		9.067e2	0.250		4.81							YES
45	32 PFNS	548.9 > 79.9		1.631e3	0.250		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.631e3		0.250	214.550	4.55	4.55	1630	12.5	30.415	60.8		
47	63 13C8-PFOS-EIS	507.0 > 80	1.631e3		0.250	214.550	4.55	4.55	1630	12.5	30.415	60.8		
48	63 13C8-PFOS-EIS	507.0 > 80	1.631e3		0.250	214.550	4.55	4.55	1630	12.5	30.415	60.8		
49	64 13C2-PFDA-EIS	515.1 > 469.9	5.924e3		0.250	768.980	4.84	4.84	5920	12.5	30.816	61.6		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.067e2		0.250	117.592	4.81	4.81	907	12.5	30.841	61.7		
51	63 13C8-PFOS-EIS	507.0 > 80	1.631e3		0.250	214.550	4.55	4.55	1630	12.5	30.415	60.8		
52	-1													
53	33 L-MeFOSAA	570 > 419		3.920e3	0.250		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.250		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		3.221e3	0.250		5.15							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.250		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		7.836e3	0.250		5.17							YES
58	38 PFDS	599.0 > 80.0		1.631e3	0.250		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	3.920e3		0.250	556.607	4.99	4.99	3920	12.5	28.173	56.3		
60	66 d3-N-MeFOSAA-EIS	573 > 419	3.920e3		0.250	556.607	4.99	4.99	3920	12.5	28.173	56.3		
61	68 d5-N-EtFOSAA-EIS	589 > 419	3.221e3		0.250	519.234	5.15	5.15	3220	12.5	24.812	49.6		
62	68 d5-N-EtFOSAA-EIS	589 > 419	3.221e3		0.250	519.234	5.15	5.15	3220	12.5	24.812	49.6		
63	67 13C2-PFUdA-EIS	565 > 519.8	7.836e3		0.250	1124.914	5.17	5.17	7840	12.5	27.865	55.7		
64	63 13C8-PFOS-EIS	507.0 > 80	1.631e3		0.250	214.550	4.55	4.55	1630	12.5	30.415	60.8		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		8.757e3	0.250		5.39							YES
67	41 PFDoA	612.9 > 569.0		8.757e3	0.250		5.45							YES
68	43 PFTrDA	662.9 > 618.9		8.757e3	0.250		5.70							YES
69	45 PFTeDA	713.0 > 669.0		4.964e3	0.250		5.91							YES
70	82 TDCA	498.3>106.9			0.250		4.91							YES
71	82 TDCA	498.3>106.9			0.250		4.91							YES
72	69 13C2-PFDoA-EIS	615 > 570	8.757e3		0.250	1278.054	5.46	5.45	8760	12.5	27.409	54.8		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:18:37 Pacific Daylight Time

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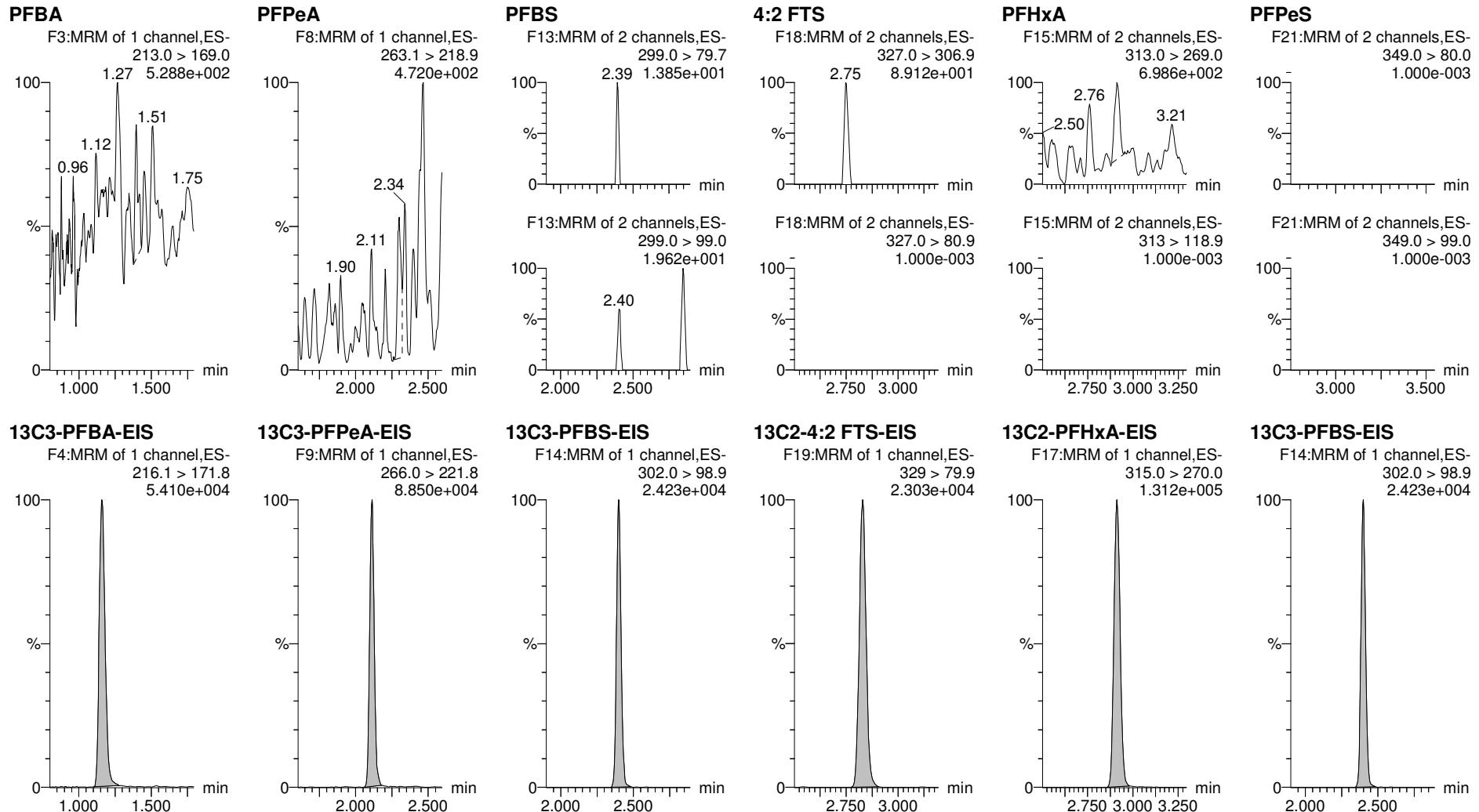
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	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	8.757e3		0.250	1278.054	5.46	5.45	8760	12.5	27.409	54.8		
74	69 13C2-PFDoA-EIS	615 > 570	8.757e3		0.250	1278.054	5.46	5.45	8760	12.5	27.409	54.8		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	4.964e3		0.250	860.517	5.92	5.91	4960	12.5	23.076	46.2		
76	63 13C8-PFOS-EIS	507.0 > 80	1.631e3		0.250	214.550	4.55	4.55	1630	12.5	30.415	60.8		
77	63 13C8-PFOS-EIS	507.0 > 80	1.631e3		0.250	214.550	4.55	4.55	1630	12.5	30.415	60.8		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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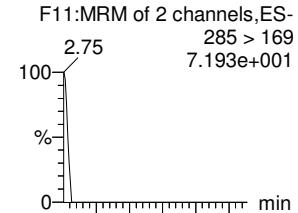
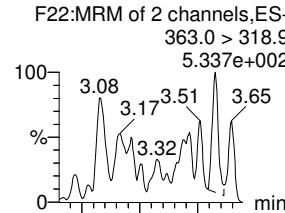
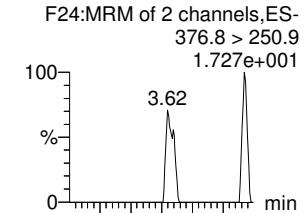
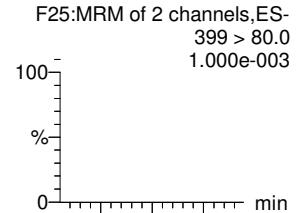
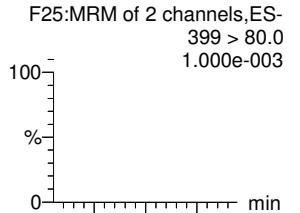
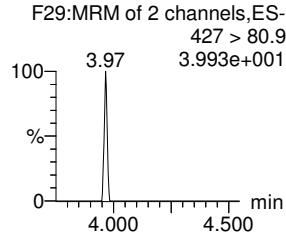
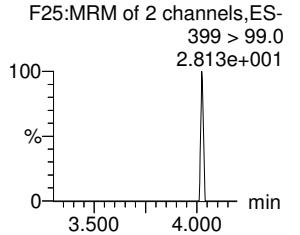
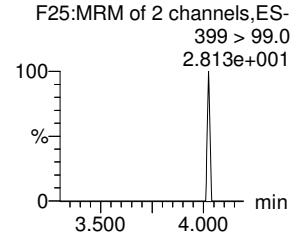
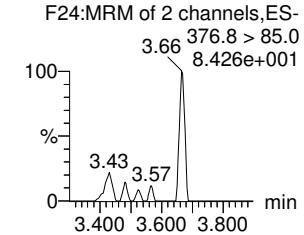
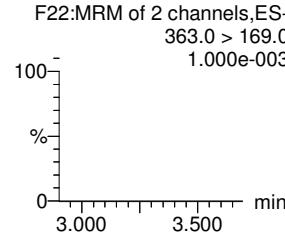
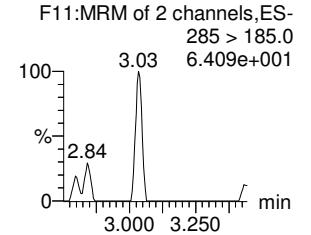
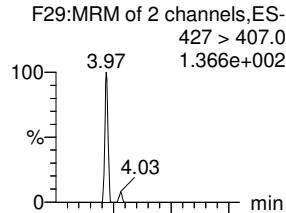
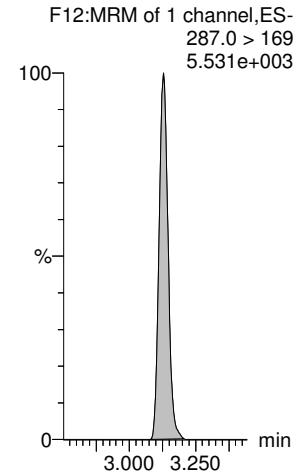
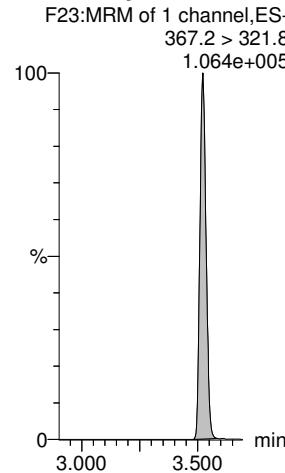
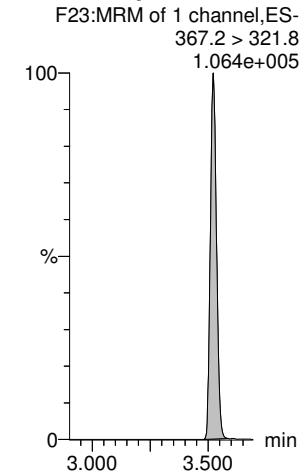
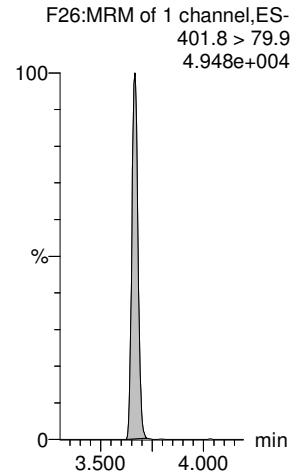
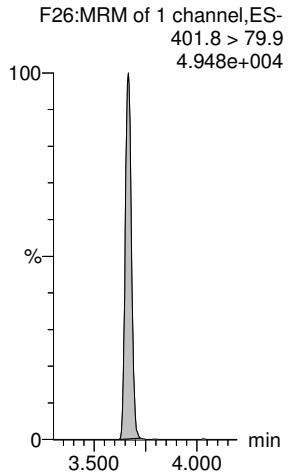
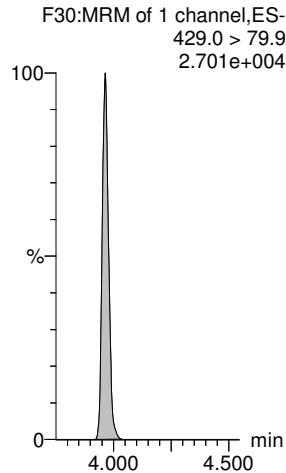
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Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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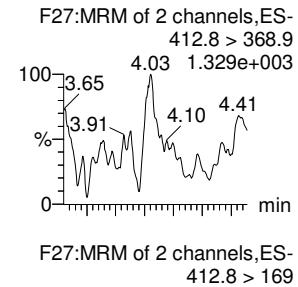
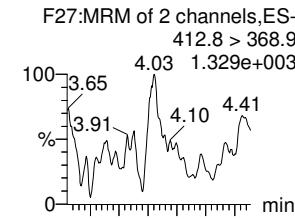
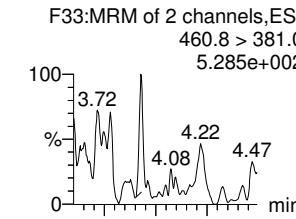
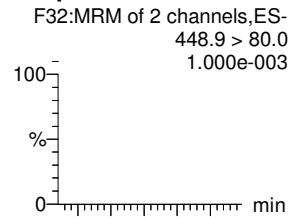
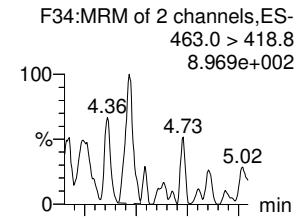
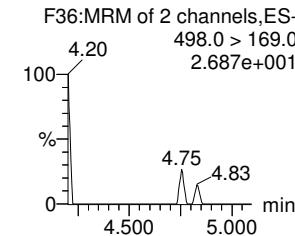
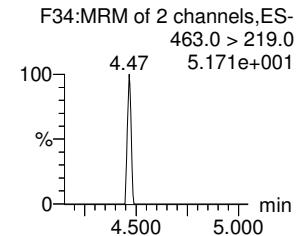
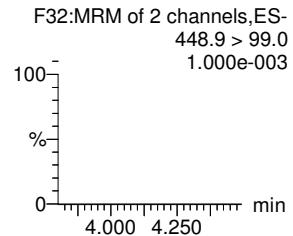
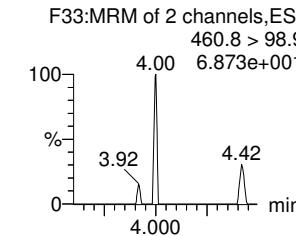
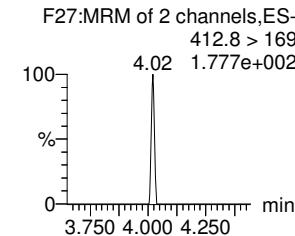
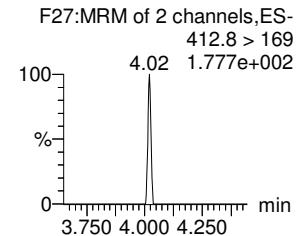
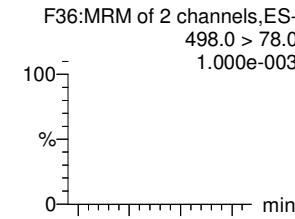
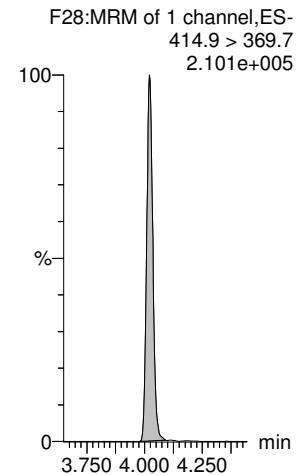
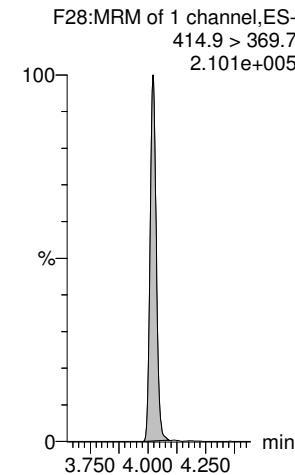
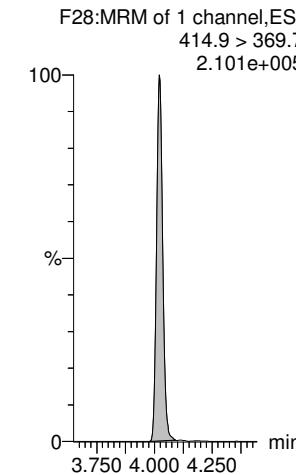
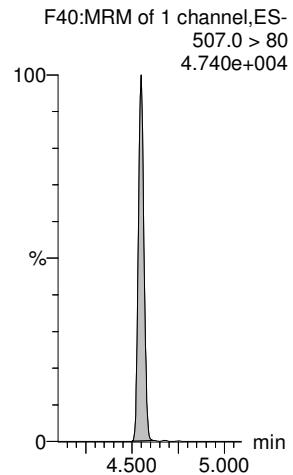
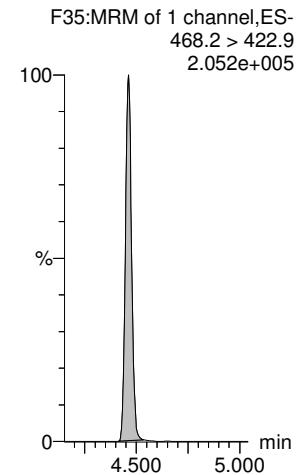
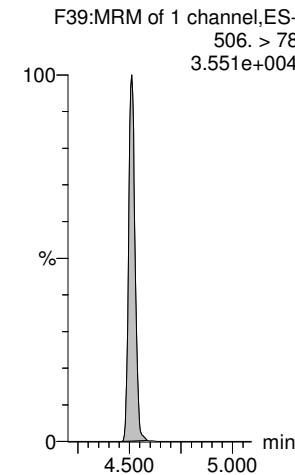
HFPO-DA**PFHpA****ADONA****L-PFHxS****Total PFHxS****6:2 FTS****13C3-HFPO-DA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFHxS-EIS****13C3-PFHxS-EIS****13C2-6:2 FTS-EIS**

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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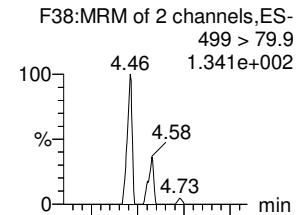
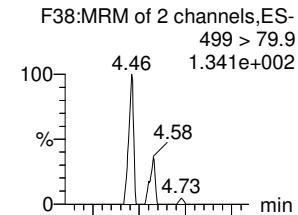
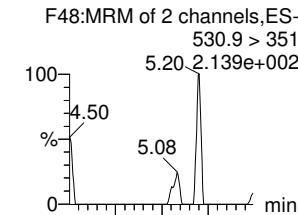
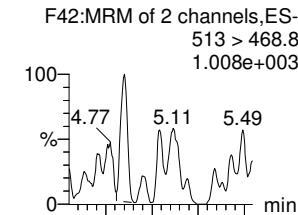
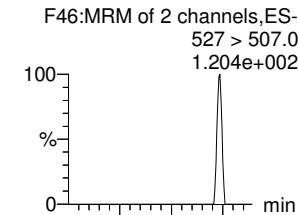
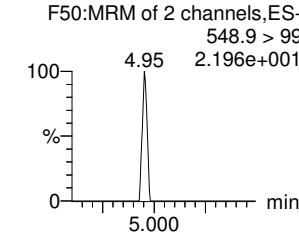
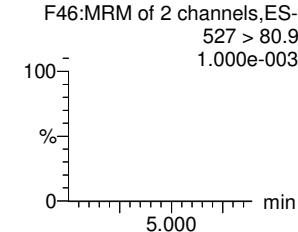
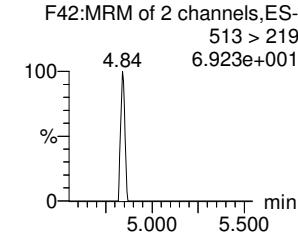
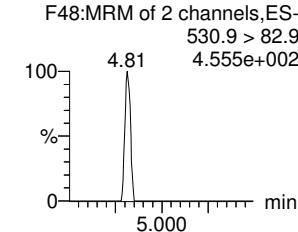
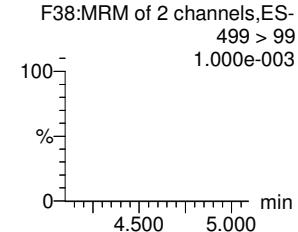
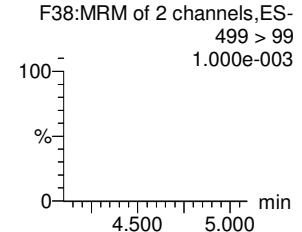
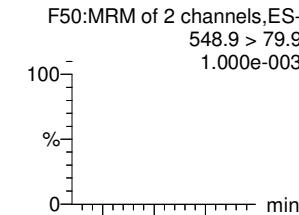
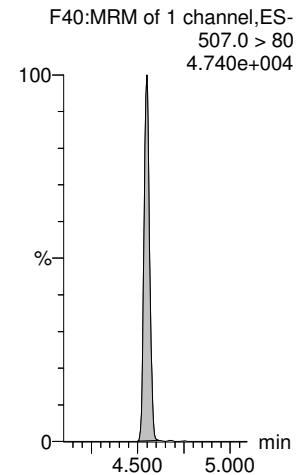
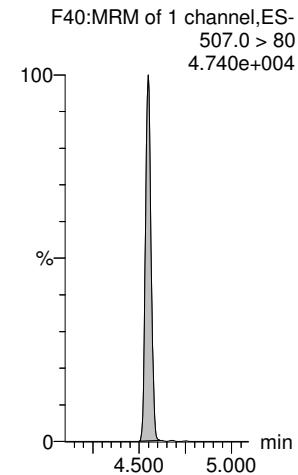
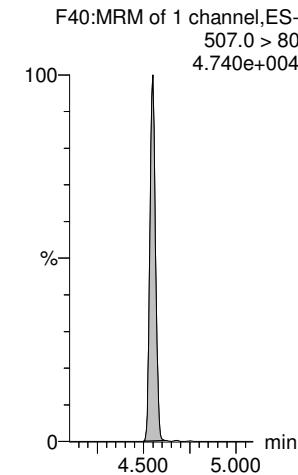
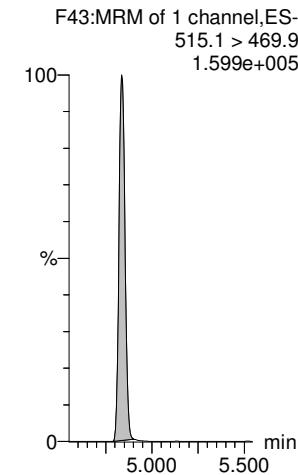
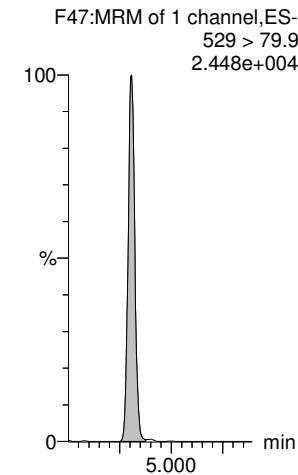
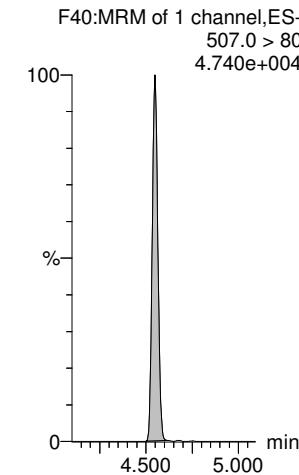
L-PFOA**Total PFOA****PFecHS****PFHpS****PFNA****PFOSA****13C2-PFOA-EIS****13C2-PFOA-EIS****13C2-PFOA-EIS****13C8-PFOS-EIS****13C5-PFNA-EIS****13C8-PFOSA-EIS**

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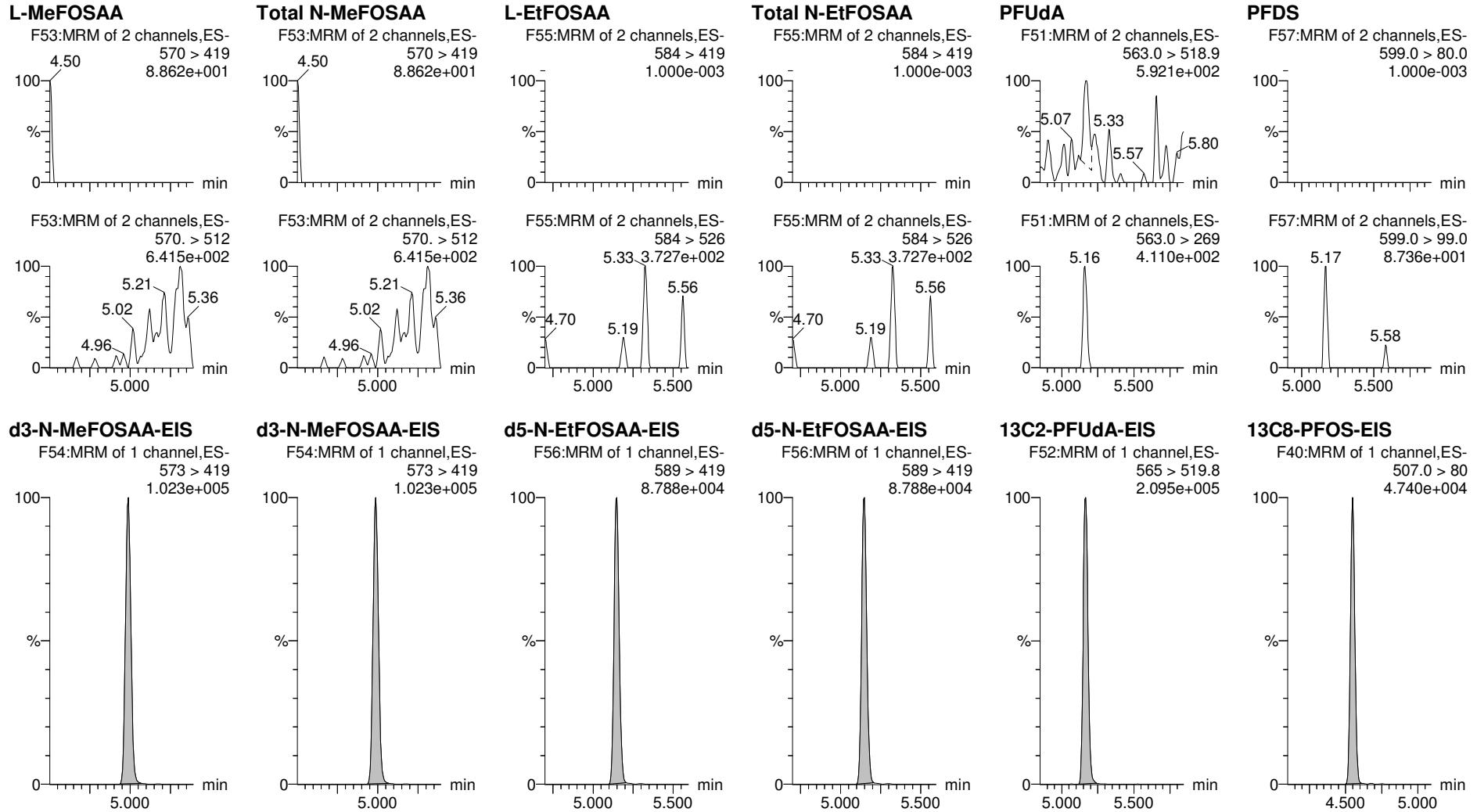
L-PFOS**Total PFOS****9CI-PF30NS****PFDA****8:2 FTS****PFNS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFDA-EIS****13C2-8:2 FTS-EIS****13C8-PFOS-EIS**

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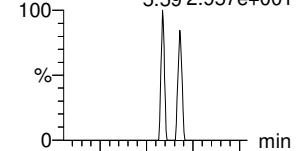
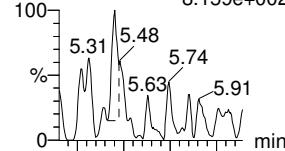
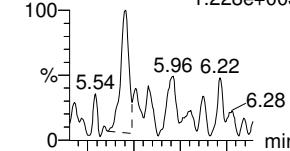
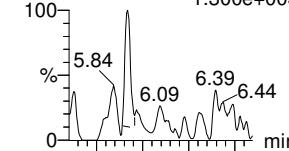
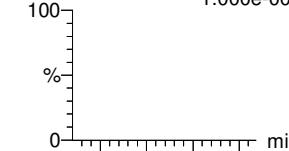
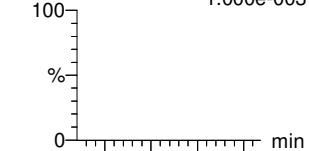
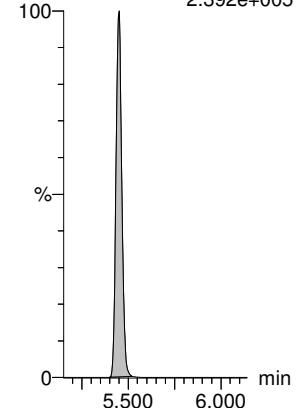
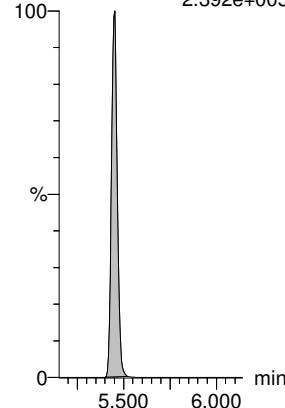
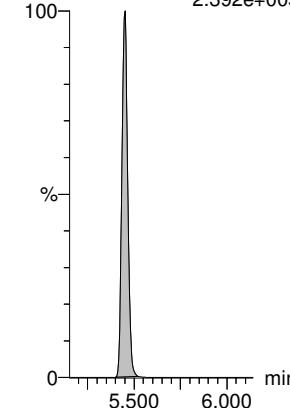
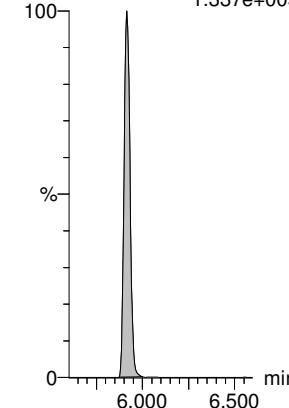
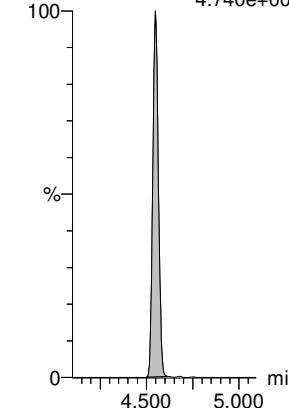
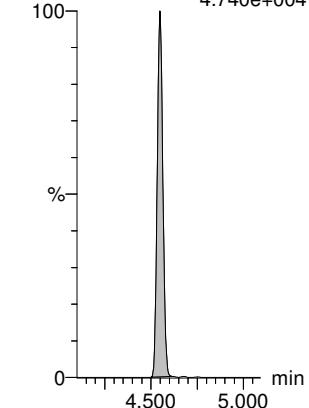


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Name: 210325M1_77, Date: 26-Mar-2021, Time: 01:54:32, ID: B1C0180-BLK1 0.25, Description: Method Blank

11CI-PF30UdSF64:MRM of 2 channels,ES-
630.9 > 450.9
5.59 2.957e+001**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
8.159e+002**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
1.228e+003**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
1.300e+003**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.392e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.392e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.392e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
1.337e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.740e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.740e+004

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Name: 210325M1_78, Date: 26-Mar-2021, Time: 02:04:55, ID: B1C0180-BS1 0.25, Description: OPR

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	2.443e3	2.506e3	0.250		1.16	1.16	12.2	10.0	40.574	101.4		
2	5 PFPeA	263.1 > 218.9	2.261e3	3.177e3	0.250		2.11	2.11	8.90	10.0	38.974	97.4		
3	7 PFBS	299.0 > 79.7	1.214e3	9.457e2	0.250		2.40	2.40	16.0	10.0	37.378	93.4	2.78	NO
4	10 4:2 FTS	327.0 > 306.9	1.898e3	7.583e2	0.250		2.83	2.83	31.3	10.0	41.855	104.6	1.86	NO
5	11 PFHxA	313.0 > 269.0	4.066e3	5.119e3	0.250		2.91	2.91	9.93	10.0	39.425	98.6	18.5	NO
6	12 PFPeS	349.0 > 80.0	1.231e3	9.457e2	0.250		3.14	3.12	16.3	10.0	37.568	93.9	1.69	NO
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.506e3		0.250	265.512	1.17	1.16	2510	12.5	37.761	75.5		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.177e3		0.250	388.348	2.11	2.11	3180	12.5	32.725	65.4		
9	53 13C3-PFBS-EIS	302.0 > 98.9	9.457e2		0.250	100.808	2.40	2.40	946	12.5	37.527	75.1		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	7.583e2		0.250	96.532	2.82	2.83	758	12.5	31.421	62.8		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.119e3		0.250	622.011	2.91	2.91	5120	12.5	32.920	65.8		
12	53 13C3-PFBS-EIS	302.0 > 98.9	9.457e2		0.250	100.808	2.40	2.40	946	12.5	37.527	75.1		
13	-1													
14	13 HFPO-DA	285 > 169	2.583e2	1.806e2	0.250		3.12	3.13	17.9	10.0	55.464	138.7	2.78	NO
15	15 PFHpA	363.0 > 318.9	2.992e3	3.216e3	0.250		3.52	3.52	11.6	10.0	36.932	92.3	11.0	NO
16	16 ADONA	376.8 > 250.9	9.830e3	3.216e3	0.250		3.61	3.63	38.2	10.0	38.806	97.0	3.35	NO
17	17 L-PFHxS	399 > 80.0	1.308e3	1.663e3	0.250		3.67	3.66	9.83	10.0	39.710	99.3	1.84	NO
18	77 Total PFHxS	399 > 80	1.308e3		0.250		3.83		9.83	10.0	39.710			
19	19 6:2 FTS	427 > 407.0	2.112e3	8.524e2	0.250		3.96	3.96	31.0	10.0	37.540	93.8	2.20	NO
20	54 13C3-HFPO-DA-EIS	287.0 > 169	1.806e2		0.250	24.857	3.13	3.12	181	12.5	29.058	58.1		
21	57 13C4-PFHxA-EIS	367.2 > 321.8	3.216e3		0.250	380.184	3.52	3.52	3220	12.5	33.839	67.7		
22	57 13C4-PFHxA-EIS	367.2 > 321.8	3.216e3		0.250	380.184	3.52	3.52	3220	12.5	33.839	67.7		
23	58 13C3-PFHxA-EIS	401.8 > 79.9	1.663e3		0.250	187.592	3.67	3.67	1660	12.5	35.461	70.9		
24	58 13C3-PFHxA-EIS	401.8 > 79.9	1.663e3		0.250	187.592	3.67	3.67	1660	12.5	35.461	70.9		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.524e2		0.250	95.748	3.97	3.96	852	12.5	35.609	71.2		
26	-1													
27	20 L-PFOA	412.8 > 368.9	6.934e3	6.444e3	0.250		4.02	4.02	13.5	10.0	40.813	102.0	4.14	NO
28	78 Total PFOA	412.8 > 368.9	6.934e3		0.250		4.20		13.5	10.0	40.813			
29	22 PFecHS	460.8 > 381.0	2.485e3	6.444e3	0.250		4.04	4.04	4.82	10.0	41.694	104.2	1.01	NO
30	23 PFHpS	448.9 > 80.0	1.311e3	1.615e3	0.250		4.16	4.14	10.1	10.0	45.988	115.0	2.22	NO
31	25 PFNA	463.0 > 418.8	5.980e3	6.831e3	0.250		4.46	4.46	10.9	10.0	40.628	101.6	4.13	NO
32	26 PFOSA	498.0 > 78.0	9.908e2	1.190e3	0.250		4.51	4.51	10.4	10.0	45.414	113.5	36.9	NO
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.444e3		0.250	775.038	4.02	4.02	6440	12.5	33.257	66.5		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.444e3		0.250	775.038	4.02	4.02	6440	12.5	33.257	66.5		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.444e3		0.250	775.038	4.02	4.02	6440	12.5	33.257	66.5		
36	63 13C8-PFOS-EIS	507.0 > 80	1.615e3		0.250	214.550	4.55	4.55	1620	12.5	30.112	60.2		

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Name: 210325M1_78, Date: 26-Mar-2021, Time: 02:04:55, ID: B1C0180-BS1 0.25, Description: OPR

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	6.831e3		0.250	788.455	4.46	4.46	6830	12.5	34.658	69.3		
38	61 13C8-PFOSA-EIS	506. > 78	1.190e3		0.250	263.334	4.51	4.51	1190	12.5	18.075	36.2		
39	-1													
40	27 L-PFOS	499 > 79.9	1.481e3	1.615e3	0.250		4.55	4.55	11.5	10.0	44.863	112.2	2.07	NO
41	79 Total PFOS	499 > 79.9	1.481e3		0.250		4.73		11.5	10.0	44.863			
42	29 9Cl-PF30NS	530.9>351	5.254e3	1.615e3	0.250		4.76	4.77	40.7	10.0	40.499	101.2	27.0	NO
43	30 PFDA	513 > 468.8	6.580e3	6.033e3	0.250		4.84	4.84	13.6	10.0	38.671	96.7	5.21	NO
44	31 8:2 FTS	527 > 507.0	1.988e3	9.910e2	0.250		4.81	4.81	25.1	10.0	38.895	97.2	1.93	NO
45	32 PFNS	548.9 > 79.9	8.772e2	1.615e3	0.250		4.90	4.90	6.79	10.0	38.747	96.9	1.02	NO
46	63 13C8-PFOS-EIS	507.0 > 80	1.615e3		0.250	214.550	4.55	4.55	1620	12.5	30.112	60.2		
47	63 13C8-PFOS-EIS	507.0 > 80	1.615e3		0.250	214.550	4.55	4.55	1620	12.5	30.112	60.2		
48	63 13C8-PFOS-EIS	507.0 > 80	1.615e3		0.250	214.550	4.55	4.55	1620	12.5	30.112	60.2		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.033e3		0.250	768.980	4.84	4.84	6030	12.5	31.380	62.8		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.910e2		0.250	117.592	4.81	4.81	991	12.5	33.710	67.4		
51	63 13C8-PFOS-EIS	507.0 > 80	1.615e3		0.250	214.550	4.55	4.55	1620	12.5	30.112	60.2		
52	-1													
53	33 L-MeFOSAA	570 > 419	2.813e3	3.908e3	0.250		4.99	4.99	9.00	10.0	40.079	100.2	2.57	NO
54	80 Total N-MeFOSAA	570. > 419	2.813e3		0.250		4.76		9.00	10.0	40.079			
55	35 L-EtFOSAA	584 > 419	2.533e3	3.559e3	0.250		5.15	5.15	8.90	10.0	35.521	88.8	1.29	NO
56	81 Total N-EtFOSAA	584 > 419	2.533e3		0.250		4.96		8.90	10.0	35.521			
57	37 PFUdA	563.0 > 518.9	6.070e3	7.646e3	0.250		5.17	5.17	9.92	10.0	42.203	105.5	10.5	NO
58	38 PFDS	599.0 > 80.0	1.105e3	1.615e3	0.250		5.20	5.21	8.55	10.0	34.944	87.4	1.52	NO
59	66 d3-N-MeFOSAA-EIS	573 > 419	3.908e3		0.250	556.607	4.99	4.99	3910	12.5	28.082	56.2		
60	66 d3-N-MeFOSAA-EIS	573 > 419	3.908e3		0.250	556.607	4.99	4.99	3910	12.5	28.082	56.2		
61	68 d5-N-EtFOSAA-EIS	589 > 419	3.559e3		0.250	519.234	5.15	5.15	3560	12.5	27.416	54.8		
62	68 d5-N-EtFOSAA-EIS	589 > 419	3.559e3		0.250	519.234	5.15	5.15	3560	12.5	27.416	54.8		
63	67 13C2-PFUdA-EIS	565 > 519.8	7.646e3		0.250	1124.914	5.17	5.17	7650	12.5	27.186	54.4		
64	63 13C8-PFOS-EIS	507.0 > 80	1.615e3		0.250	214.550	4.55	4.55	1620	12.5	30.112	60.2		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9	3.684e3	8.339e3	0.250		5.39	5.38	5.52	10.0	42.101	105.3	23.4	NO
67	41 PFDoA	612.9 > 569.0	6.551e3	8.339e3	0.250		5.45	5.45	9.82	10.0	43.322	108.3	8.56	NO
68	43 PFTrDA	662.9 > 618.9	5.924e3	8.339e3	0.250		5.70	5.70	8.88	10.0	40.974	102.4	9.44	NO
69	45 PFTeDA	713.0 > 669.0	6.682e3	5.281e3	0.250		5.91	5.91	15.8	10.0	43.496	108.7	11.6	NO
70	82 TDCA	498.3>106.9			0.250		4.91			10.0			YES	
71	82 TDCA	498.3>106.9			0.250		4.91			10.0			YES	
72	69 13C2-PFDoA-EIS	615 > 570	8.339e3		0.250	1278.054	5.46	5.45	8340	12.5	26.098	52.2		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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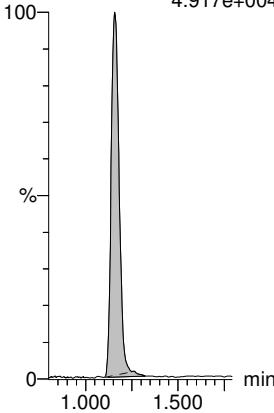
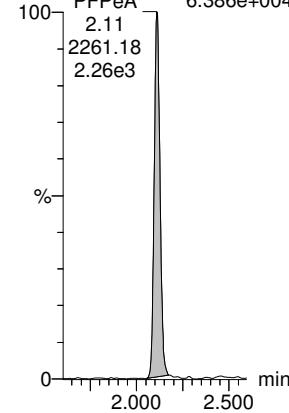
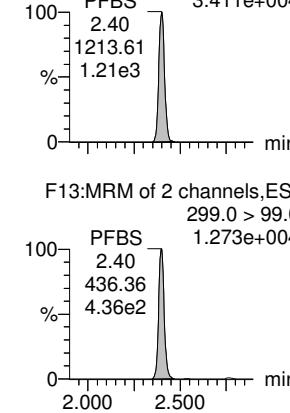
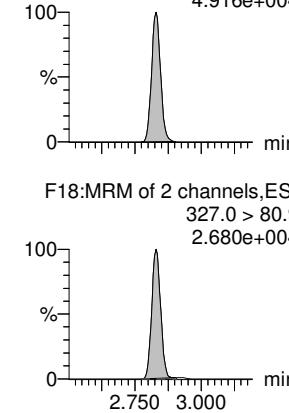
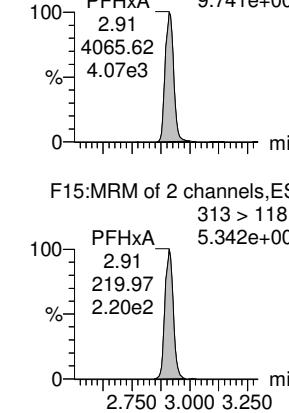
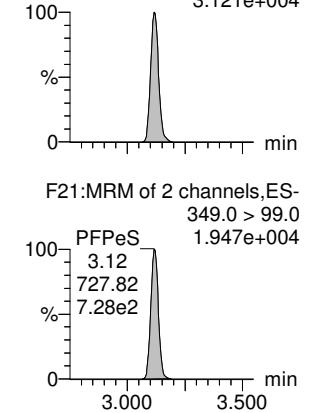
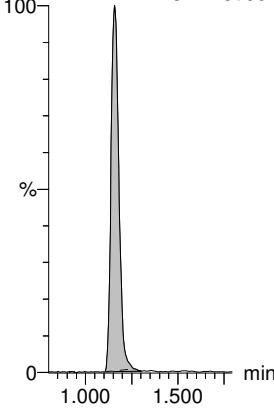
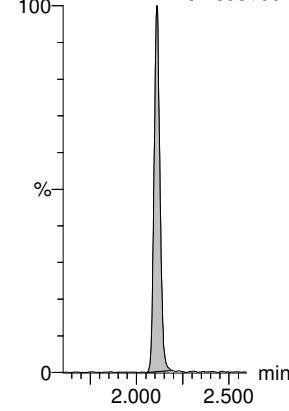
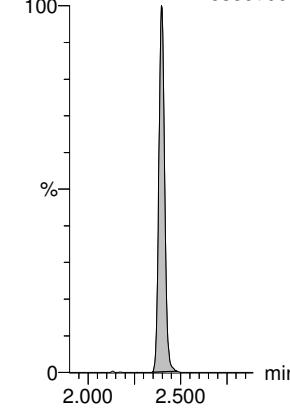
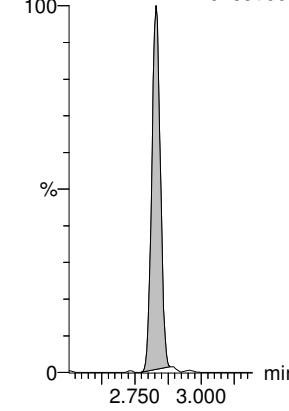
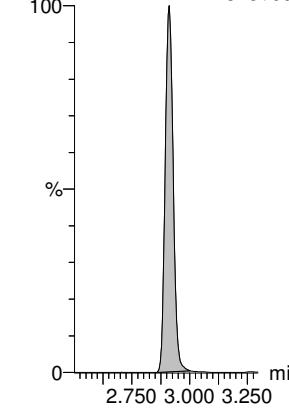
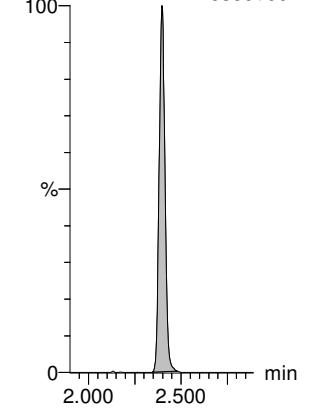
Name: 210325M1_78, Date: 26-Mar-2021, Time: 02:04:55, ID: B1C0180-BS1 0.25, Description: OPR

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	8.339e3		0.250	1278.054	5.46	5.45	8340	12.5	26.098	52.2		
74	69 13C2-PFDoA-EIS	615 > 570	8.339e3		0.250	1278.054	5.46	5.45	8340	12.5	26.098	52.2		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.281e3		0.250	860.517	5.92	5.91	5280	12.5	24.550	49.1		
76	63 13C8-PFOS-EIS	507.0 > 80	1.615e3		0.250	214.550	4.55	4.55	1620	12.5	30.112	60.2		
77	63 13C8-PFOS-EIS	507.0 > 80	1.615e3		0.250	214.550	4.55	4.55	1620	12.5	30.112	60.2		

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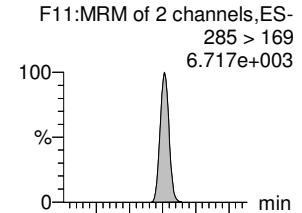
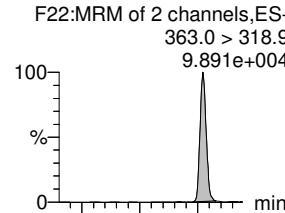
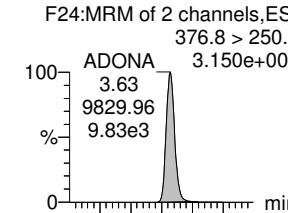
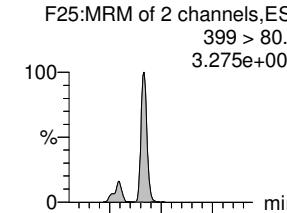
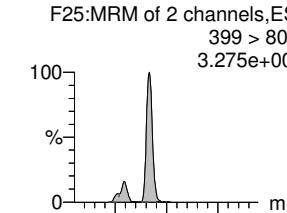
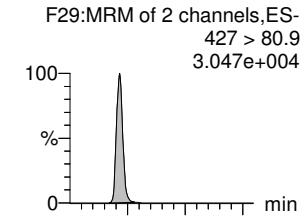
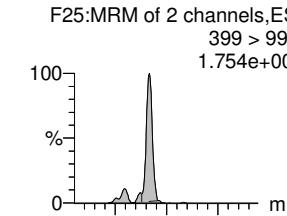
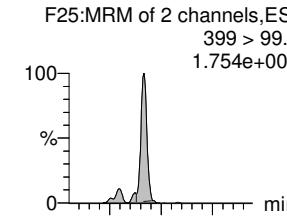
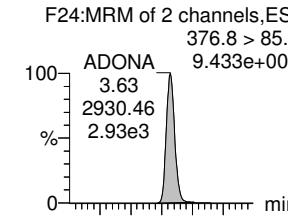
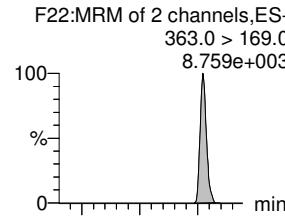
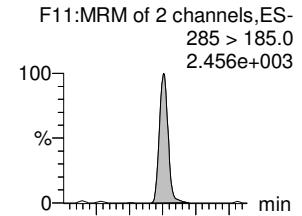
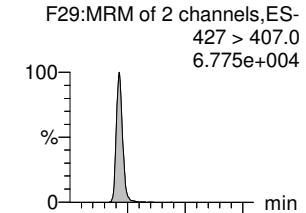
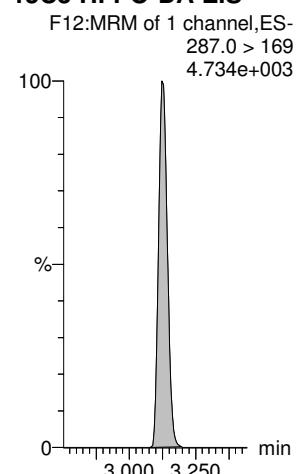
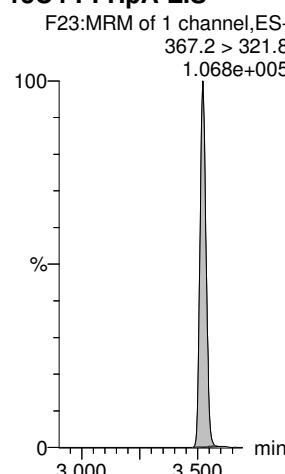
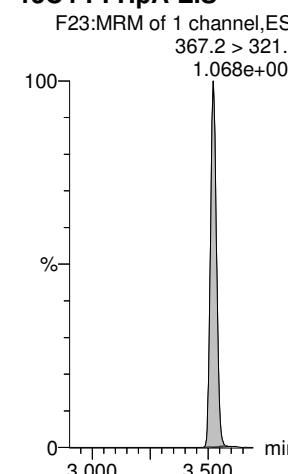
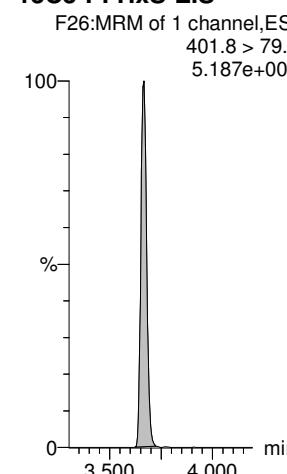
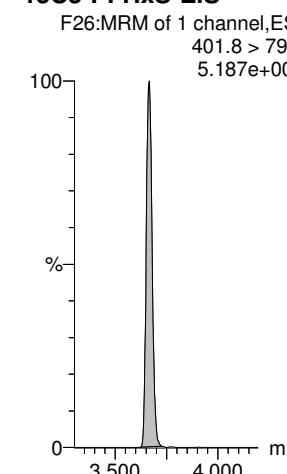
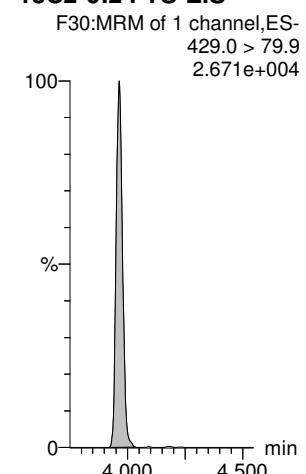
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213.0 > 169.0
4.917e+004**PFPeA**F8:MRM of 1 channel,ES-
263.1 > 218.9
6.386e+004**PFBS**F13:MRM of 2 channels,ES-
299.0 > 79.7
3.411e+004**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
4.916e+004**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
9.741e+004**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
3.121e+004**13C3-PFBA-EIS**F4:MRM of 1 channel,ES-
216.1 > 171.8
5.117e+004**13C3-PFPeA-EIS**F9:MRM of 1 channel,ES-
266.0 > 221.8
8.769e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.638e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.045e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.284e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.638e+004

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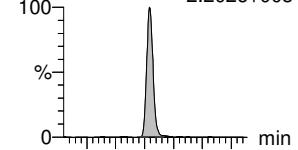
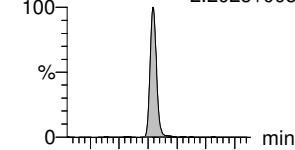
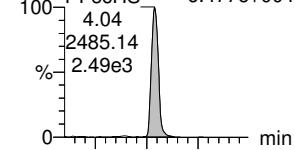
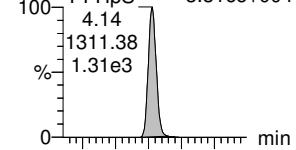
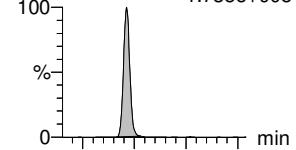
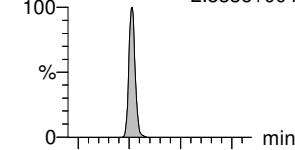
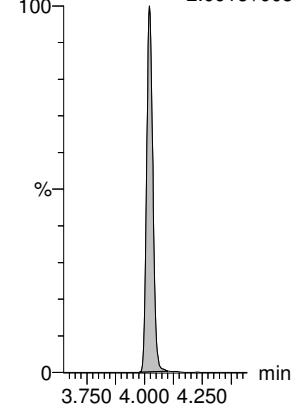
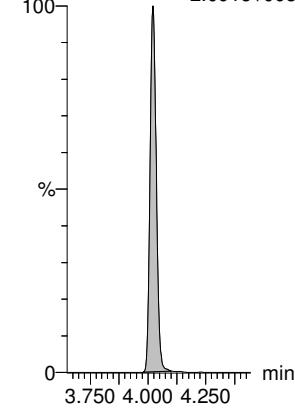
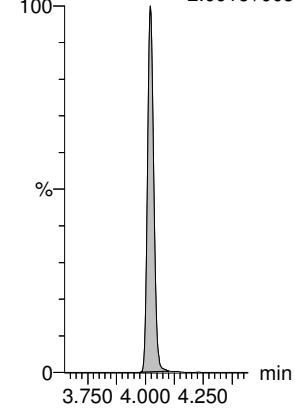
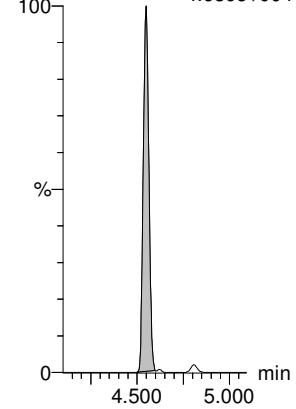
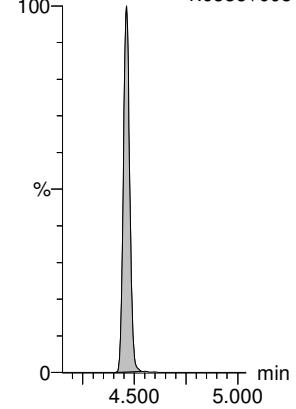
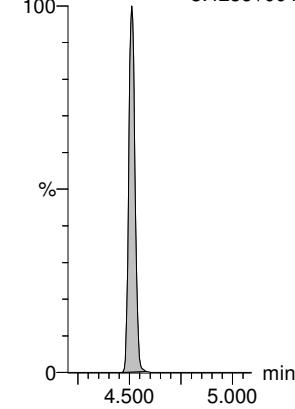
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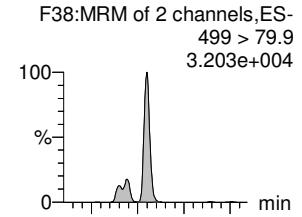
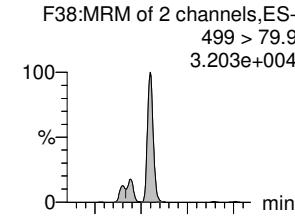
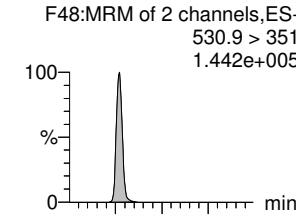
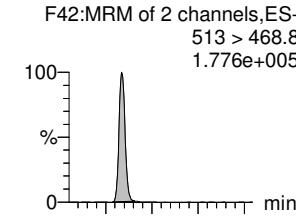
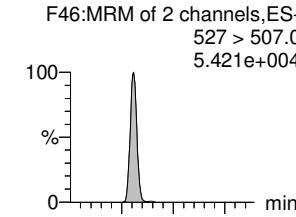
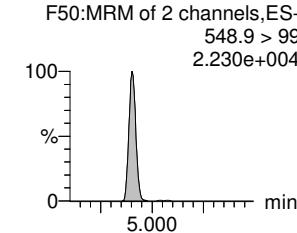
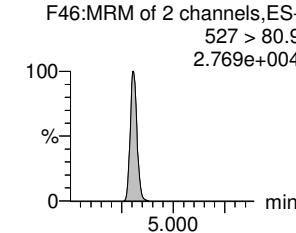
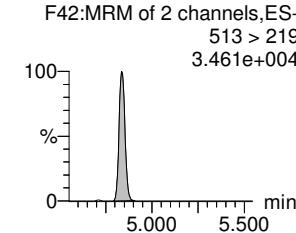
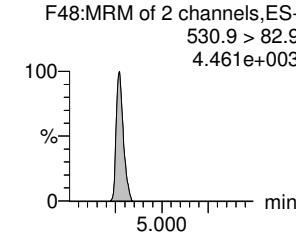
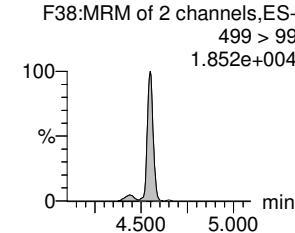
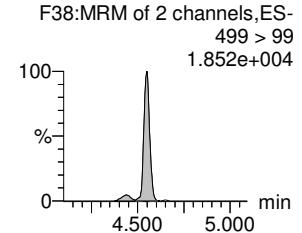
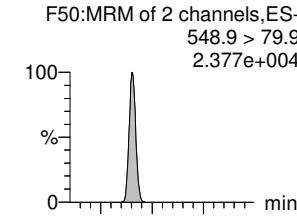
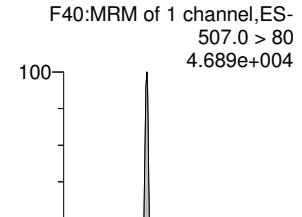
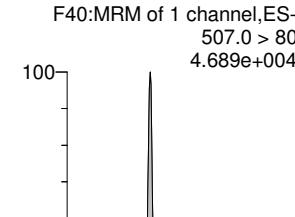
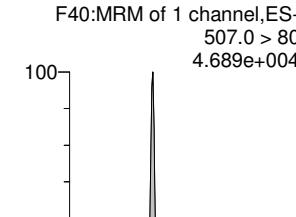
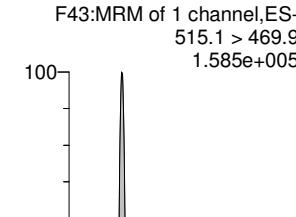
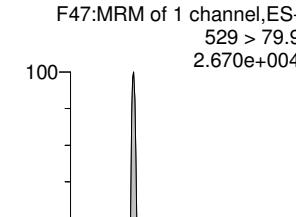
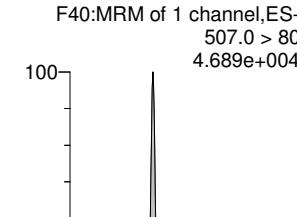
L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
2.202e+005**Total PFOA**F27:MRM of 2 channels,ES-
412.8 > 368.9
2.202e+005**PFecHS**F33:MRM of 2 channels,ES-
460.8 > 381.0
6.477e+004**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
3.816e+004**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
1.735e+005**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
2.833e+004**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.091e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.091e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.091e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.689e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
1.958e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
3.428e+004

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:23:15 Pacific Daylight Time

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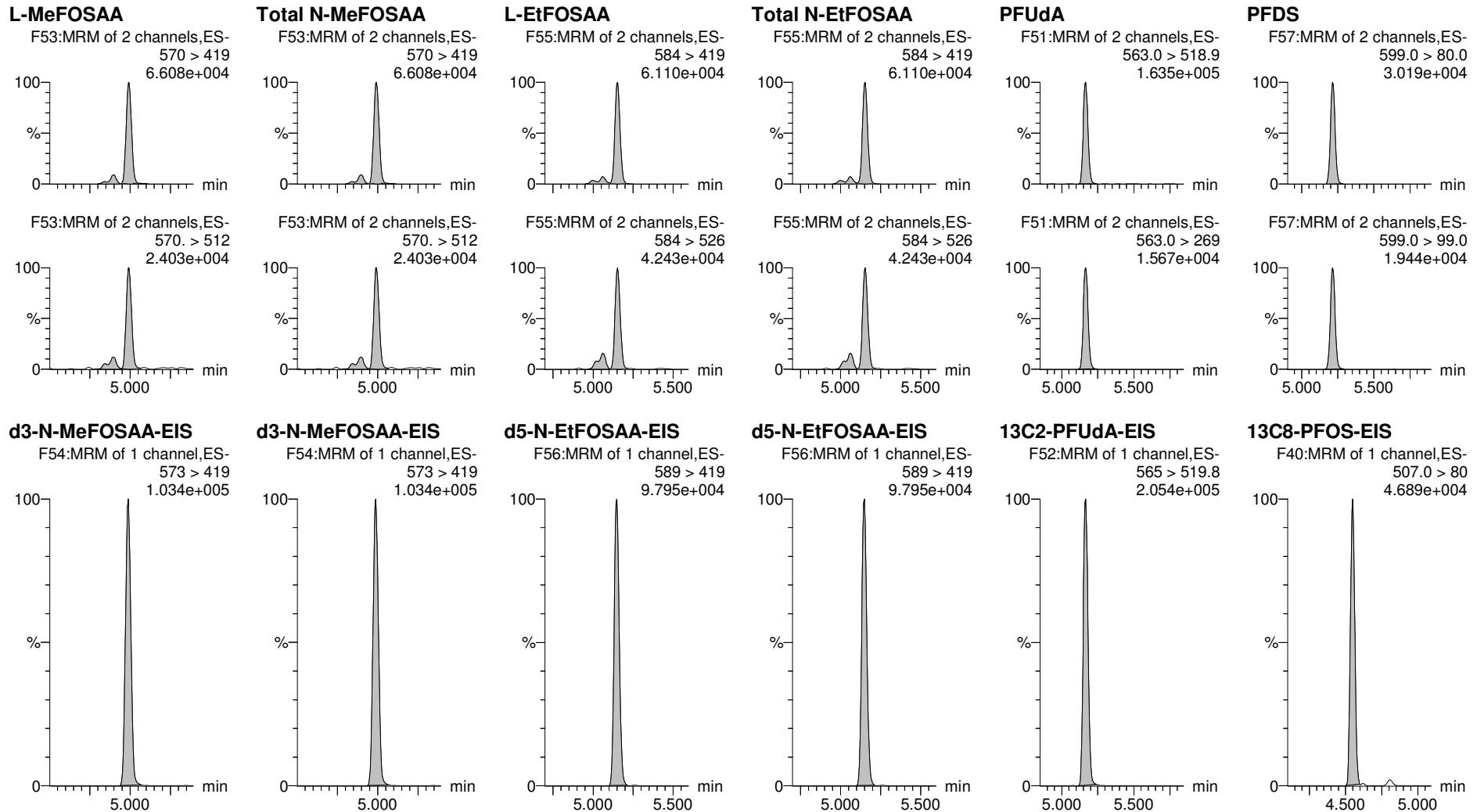
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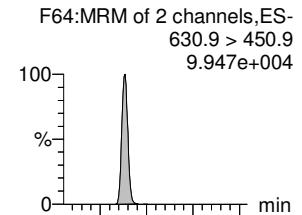
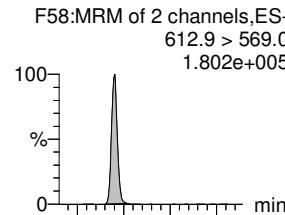
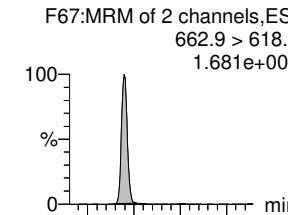
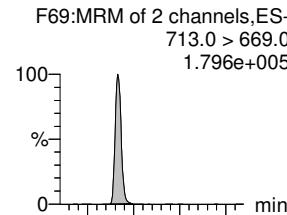
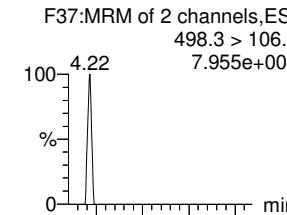
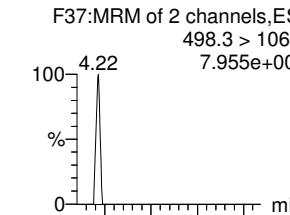
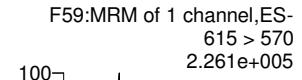
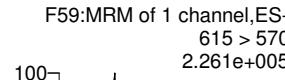
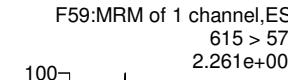
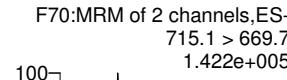
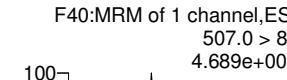
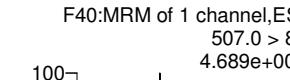


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Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:23:15 Pacific Daylight Time

Name: 210325M1_78, Date: 26-Mar-2021, Time: 02:04:55, ID: B1C0180-BS1 0.25, Description: OPR

11CI-PF30UdS**PFDoA****PFTrDA****PFTeDA****TDCA****TDCA****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFTeDA-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS**

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:27:45 Pacific Daylight Time

Name: 210325M1_79, Date: 26-Mar-2021, Time: 02:15:17, ID: 2103186-01 0.25243, Description: GW2103081245GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	1.055e2	2.621e3	0.252		1.16	1.17	0.503		1.261			
2	5 PFPeA	263.1 > 218.9		3.428e3	0.252		2.11							
3	7 PFBS	299.0 > 79.7	1.382e2	8.947e2	0.252		2.40	2.40	1.93		4.268		3.54	NO
4	10 4:2 FTS	327.0 > 306.9		8.193e2	0.252		2.83							YES
5	11 PFHxA	313.0 > 269.0		5.588e3	0.252		2.91							YES
6	12 PFPeS	349.0 > 80.0		8.947e2	0.252		3.15							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.621e3		0.252	265.512	1.17	1.16	2620	12.5	39.109	79.0		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.428e3		0.252	388.348	2.11	2.11	3430	12.5	34.974	70.6		
9	53 13C3-PFBS-EIS	302.0 > 98.9	8.947e2		0.252	100.808	2.40	2.40	895	12.5	35.161	71.0		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	8.193e2		0.252	96.532	2.82	2.83	819	12.5	33.621	67.9		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.588e3		0.252	622.011	2.91	2.91	5590	12.5	35.589	71.9		
12	53 13C3-PFBS-EIS	302.0 > 98.9	8.947e2		0.252	100.808	2.40	2.40	895	12.5	35.161	71.0		
13	-1													
14	13 HFPO-DA	285 > 169		2.302e2	0.252		3.13							YES
15	15 PFHpA	363.0 > 318.9		3.258e3	0.252		3.52							YES
16	16 ADONA	376.8 > 250.9		3.258e3	0.252		3.61							YES
17	17 L-PFHxS	399 > 80.0		1.642e3	0.252		3.67							YES
18	77 Total PFHxs	399 > 80	0.000e0		0.252		3.83		0.000					
19	19 6:2 FTS	427 > 407.0		8.395e2	0.252		3.96							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.302e2		0.252	24.857	3.13	3.13	230	12.5	36.691	74.1		
21	57 13C4-PFHxA-EIS	367.2 > 321.8	3.258e3		0.252	380.184	3.52	3.52	3260	12.5	33.952	68.6		
22	57 13C4-PFHxA-EIS	367.2 > 321.8	3.258e3		0.252	380.184	3.52	3.52	3260	12.5	33.952	68.6		
23	58 13C3-PFHxA-EIS	401.8 > 79.9	1.642e3		0.252	187.592	3.67	3.67	1640	12.5	34.681	70.0		
24	58 13C3-PFHxA-EIS	401.8 > 79.9	1.642e3		0.252	187.592	3.67	3.67	1640	12.5	34.681	70.0		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.395e2		0.252	95.748	3.97	3.96	840	12.5	34.734	70.1		
26	-1													
27	20 L-PFOA	412.8 > 368.9		6.415e3	0.252		4.02							YES
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.252		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		6.415e3	0.252		4.04							YES
30	23 PFHpS	448.9 > 80.0		1.762e3	0.252		4.16							YES
31	25 PFNA	463.0 > 418.8		6.904e3	0.252		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.777e3	0.252		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.415e3		0.252	775.038	4.02	4.02	6420	12.5	32.790	66.2		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.415e3		0.252	775.038	4.02	4.02	6420	12.5	32.790	66.2		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.415e3		0.252	775.038	4.02	4.02	6420	12.5	32.790	66.2		
36	63 13C8-PFOS-EIS	507.0 > 80	1.762e3		0.252	214.550	4.55	4.55	1760	12.5	32.530	65.7		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:27:45 Pacific Daylight Time

Name: 210325M1_79, Date: 26-Mar-2021, Time: 02:15:17, ID: 2103186-01 0.25243, Description: GW2103081245GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	6.904e3		0.252	788.455	4.46	4.46	6900	12.5	34.690	70.1		
38	61 13C8-PFOSA-EIS	506. > 78	1.777e3		0.252	263.334	4.51	4.51	1780	12.5	26.725	54.0		
39	-1													
40	27 L-PFOS	499 > 79.9		1.762e3	0.252		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.252		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.762e3	0.252		4.76							YES
43	30 PFDA	513 > 468.8		6.083e3	0.252		4.84							YES
44	31 8:2 FTS	527 > 507.0		9.468e2	0.252		4.81							YES
45	32 PFNS	548.9 > 79.9		1.762e3	0.252		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.762e3		0.252	214.550	4.55	4.55	1760	12.5	32.530	65.7		
47	63 13C8-PFOS-EIS	507.0 > 80	1.762e3		0.252	214.550	4.55	4.55	1760	12.5	32.530	65.7		
48	63 13C8-PFOS-EIS	507.0 > 80	1.762e3		0.252	214.550	4.55	4.55	1760	12.5	32.530	65.7		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.083e3		0.252	768.980	4.84	4.84	6080	12.5	31.338	63.3		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.468e2		0.252	117.592	4.81	4.81	947	12.5	31.897	64.4		
51	63 13C8-PFOS-EIS	507.0 > 80	1.762e3		0.252	214.550	4.55	4.55	1760	12.5	32.530	65.7		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.705e3	0.252		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.252		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		4.084e3	0.252		5.14							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.252		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		8.924e3	0.252		5.17							YES
58	38 PFDS	599.0 > 80.0		1.762e3	0.252		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.705e3		0.252	556.607	4.99	4.99	4700	12.5	33.485	67.6		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.705e3		0.252	556.607	4.99	4.99	4700	12.5	33.485	67.6		
61	68 d5-N-EtFOSAA-EIS	589 > 419	4.084e3		0.252	519.234	5.15	5.14	4080	12.5	31.160	62.9		
62	68 d5-N-EtFOSAA-EIS	589 > 419	4.084e3		0.252	519.234	5.15	5.14	4080	12.5	31.160	62.9		
63	67 13C2-PFUdA-EIS	565 > 519.8	8.924e3		0.252	1124.914	5.17	5.17	8920	12.5	31.426	63.5		
64	63 13C8-PFOS-EIS	507.0 > 80	1.762e3		0.252	214.550	4.55	4.55	1760	12.5	32.530	65.7		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		9.866e3	0.252		5.39							YES
67	41 PFDoA	612.9 > 569.0		9.866e3	0.252		5.45							YES
68	43 PFTrDA	662.9 > 618.9		9.866e3	0.252		5.70							YES
69	45 PFTeDA	713.0 > 669.0		5.348e3	0.252		5.91							YES
70	82 TDCA	498.3>106.9			0.252		4.91							YES
71	82 TDCA	498.3>106.9			0.252		4.91							YES
72	69 13C2-PFDoA-EIS	615 > 570	9.866e3		0.252	1278.054	5.46	5.45	9870	12.5	30.582	61.8		

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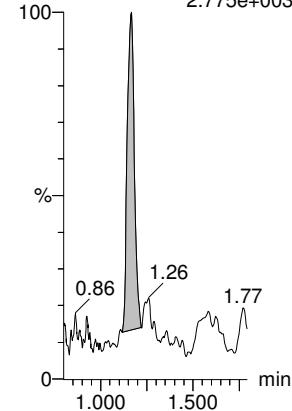
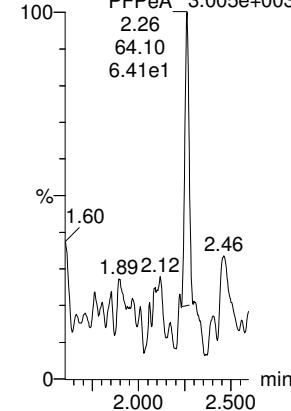
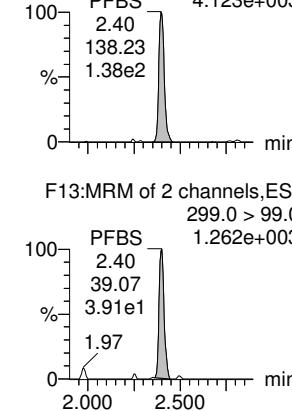
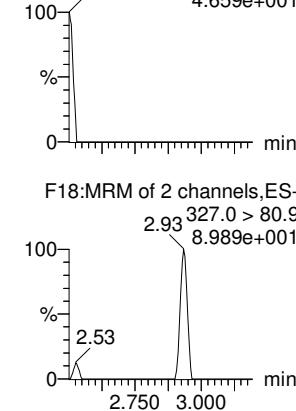
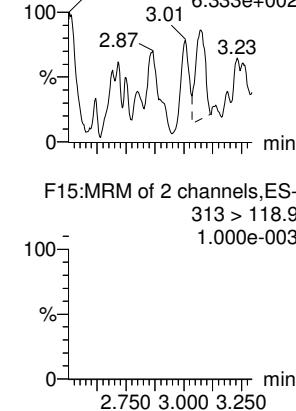
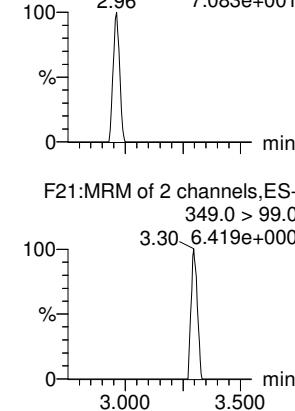
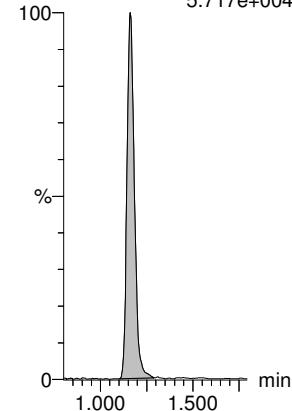
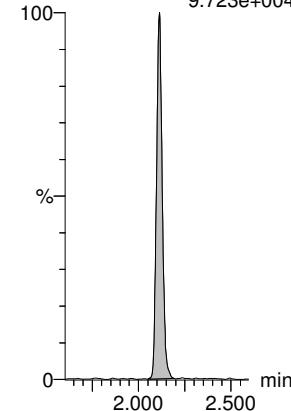
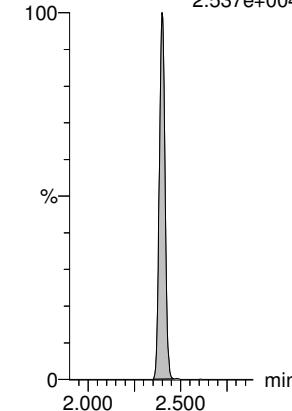
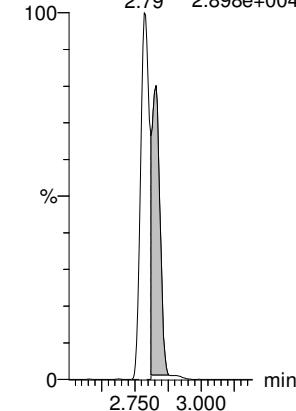
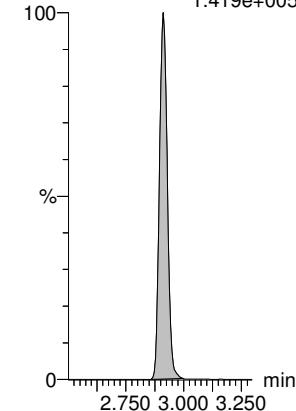
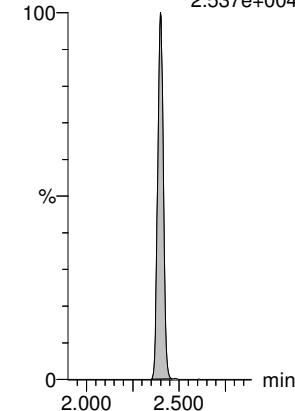
Name: 210325M1_79, Date: 26-Mar-2021, Time: 02:15:17, ID: 2103186-01 0.25243, Description: GW2103081245GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	9.866e3		0.252	1278.054	5.46	5.45	9870	12.5	30.582	61.8		
74	69 13C2-PFDoA-EIS	615 > 570	9.866e3		0.252	1278.054	5.46	5.45	9870	12.5	30.582	61.8		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.348e3		0.252	860.517	5.92	5.91	5350	12.5	24.619	49.7		
76	63 13C8-PFOS-EIS	507.0 > 80	1.762e3		0.252	214.550	4.55	4.55	1760	12.5	32.530	65.7		
77	63 13C8-PFOS-EIS	507.0 > 80	1.762e3		0.252	214.550	4.55	4.55	1760	12.5	32.530	65.7		

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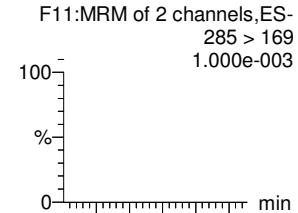
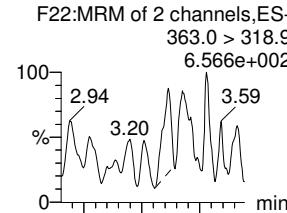
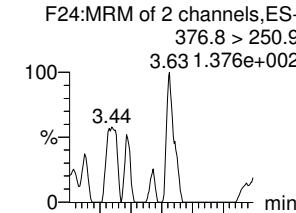
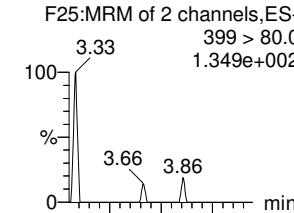
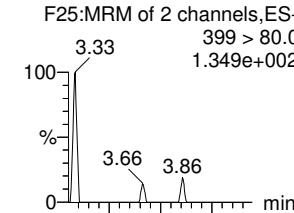
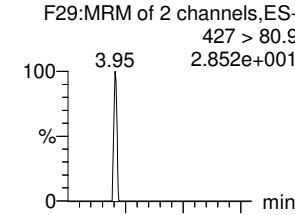
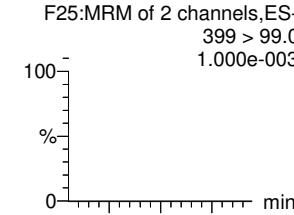
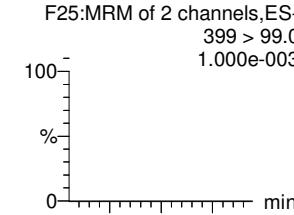
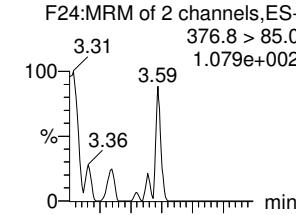
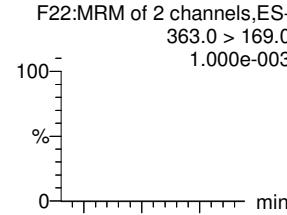
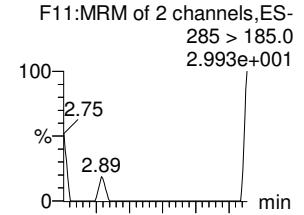
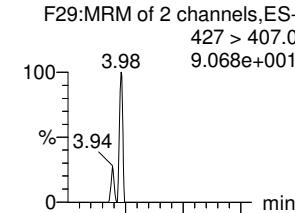
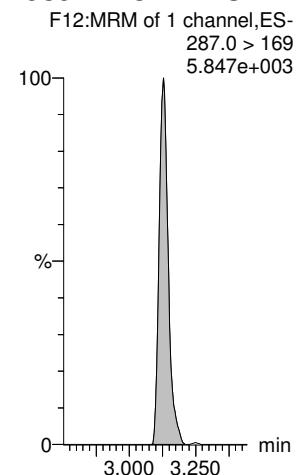
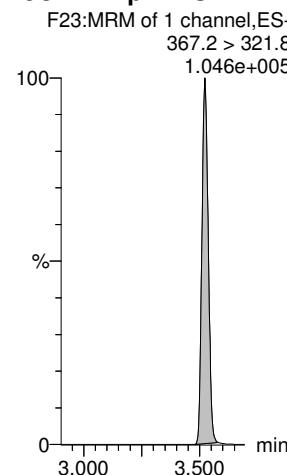
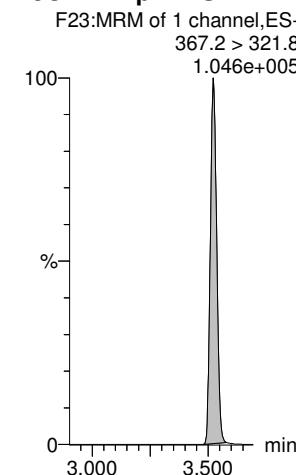
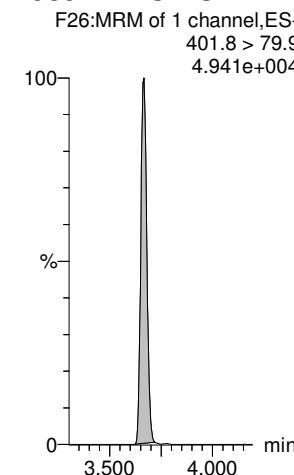
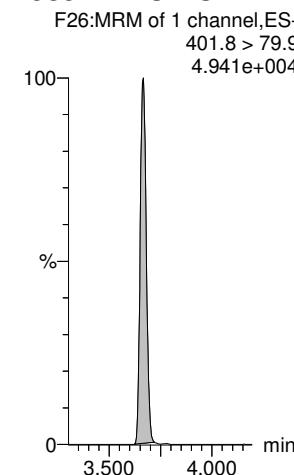
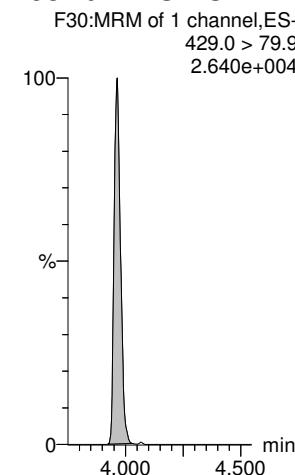
Method: Y:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** Y:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_79, **Date:** 26-Mar-2021, **Time:** 02:15:17, **ID:** 2103186-01 0.25243, **Description:** GW2103081245GSC**PFBA**F3:MRM of 1 channel,ES-
213.0 > 169.0
2.775e+003**PFPeA**F8:MRM of 1 channel,ES-
263.1 > 218.9
3.005e+003**PFBS**F13:MRM of 2 channels,ES-
299.0 > 79.7
4.123e+003**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
4.659e+001**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
6.333e+002**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
7.083e+001**13C3-PFBA-EIS**F4:MRM of 1 channel,ES-
216.1 > 171.8
5.717e+004**13C3-PFPeA-EIS**F9:MRM of 1 channel,ES-
266.0 > 221.8
9.723e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.537e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.898e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.419e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.537e+004

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:27:45 Pacific Daylight Time

Name: 210325M1_79, Date: 26-Mar-2021, Time: 02:15:17, ID: 2103186-01 0.25243, Description: GW2103081245GSC

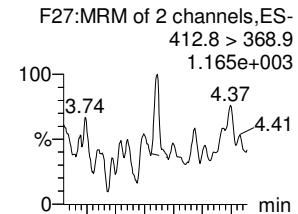
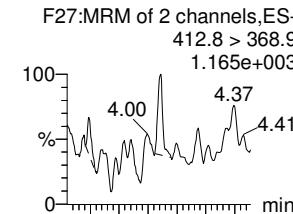
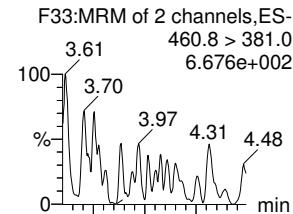
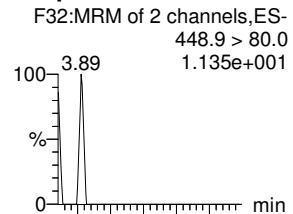
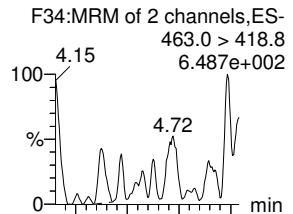
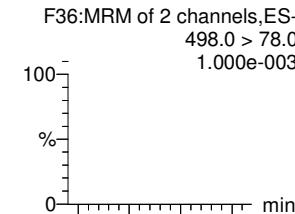
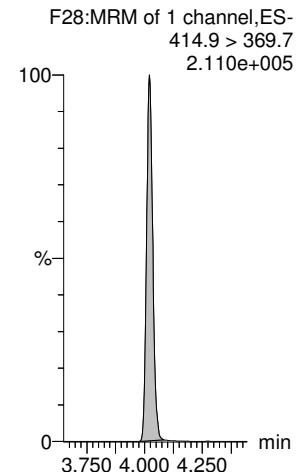
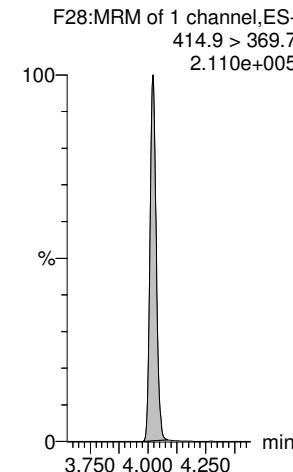
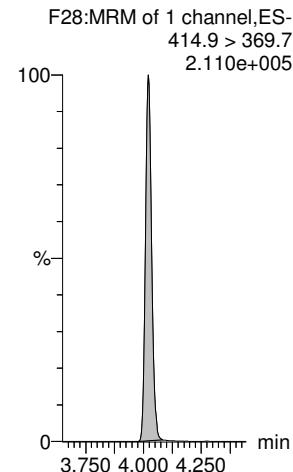
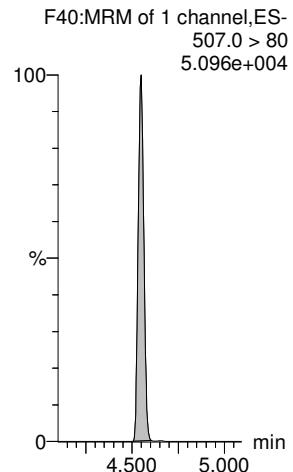
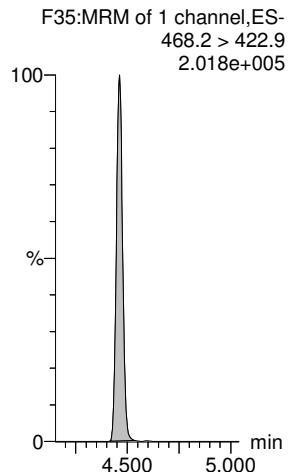
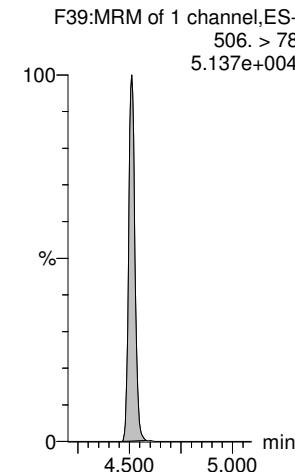
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Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:27:45 Pacific Daylight Time

Name: 210325M1_79, Date: 26-Mar-2021, Time: 02:15:17, ID: 2103186-01 0.25243, Description: GW2103081245GSC

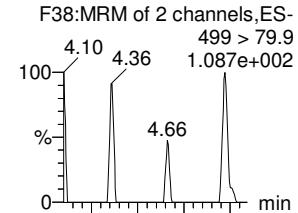
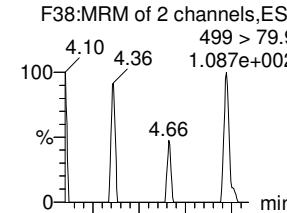
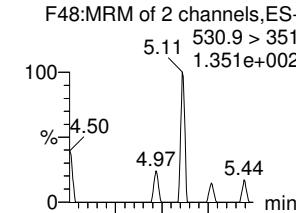
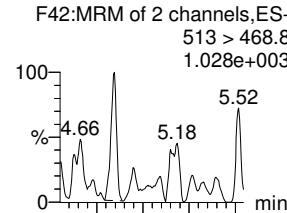
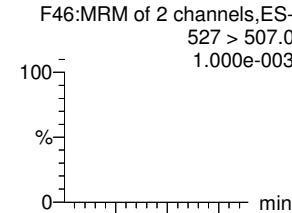
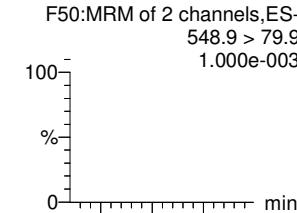
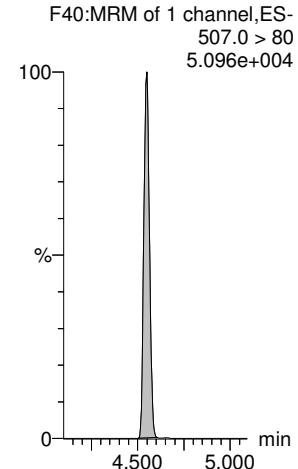
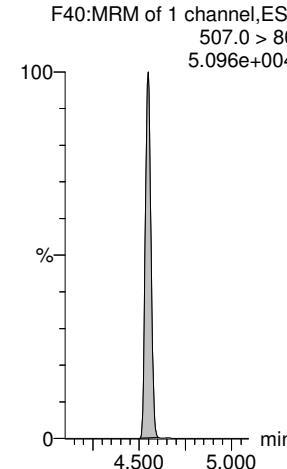
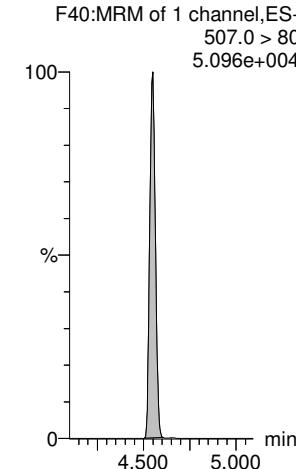
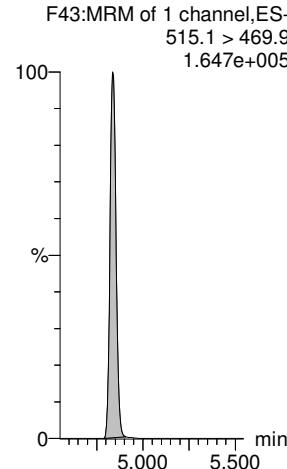
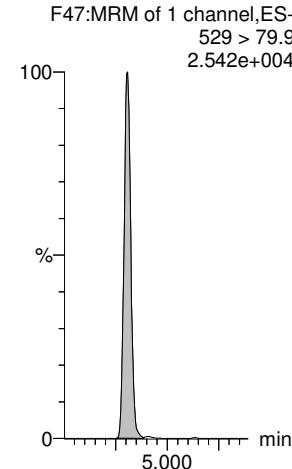
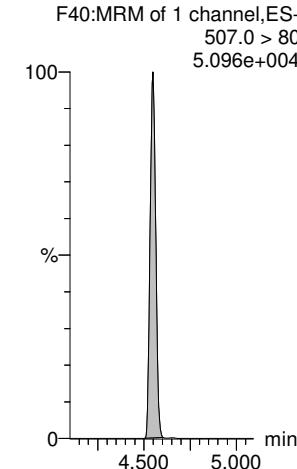
L-PFOA**Total PFOA****PFecHS****PFHpS****PFNA****PFOSA****13C2-PFOA-EIS****13C2-PFOA-EIS****13C2-PFOA-EIS****13C8-PFOS-EIS****13C5-PFNA-EIS****13C8-PFOSA-EIS**

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:27:45 Pacific Daylight Time

Name: 210325M1_79, Date: 26-Mar-2021, Time: 02:15:17, ID: 2103186-01 0.25243, Description: GW2103081245GSC

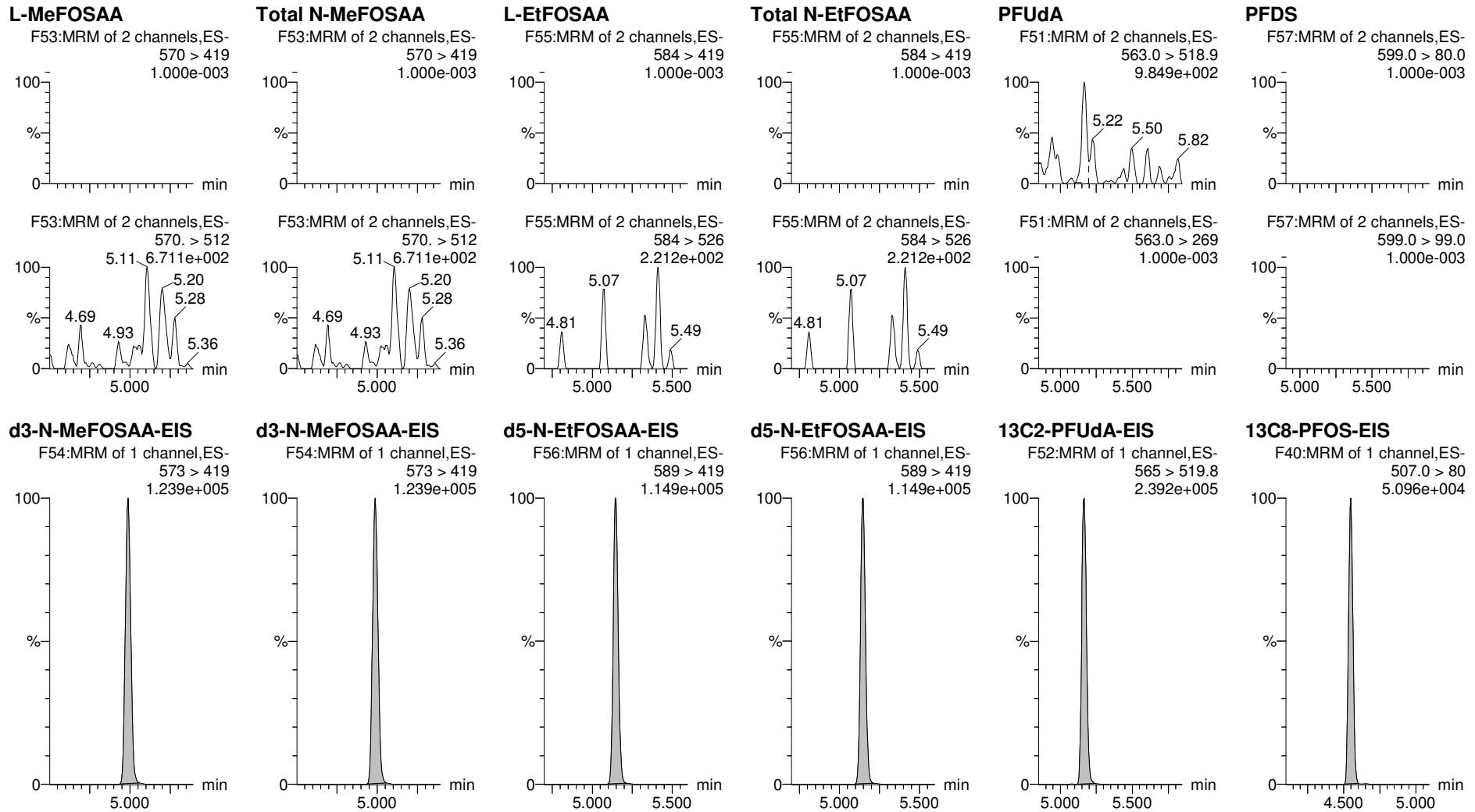
L-PFOS**Total PFOS****9CI-PF30NS****PFDA****8:2 FTS****PFNS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFDA-EIS****13C2-8:2 FTS-EIS****13C8-PFOS-EIS**

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:27:45 Pacific Daylight Time

Name: 210325M1_79, Date: 26-Mar-2021, Time: 02:15:17, ID: 2103186-01 0.25243, Description: GW2103081245GSC

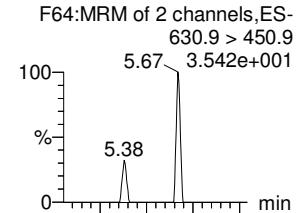
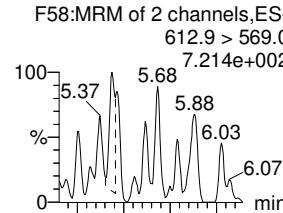
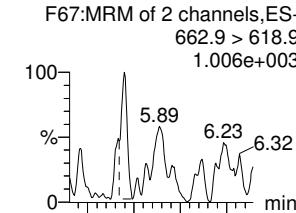
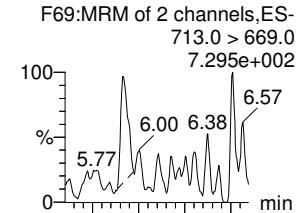
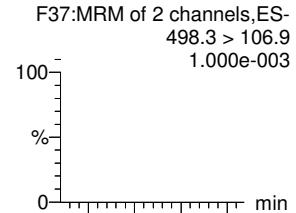
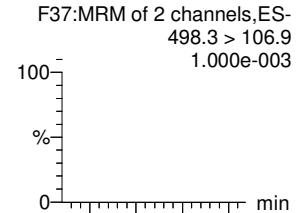
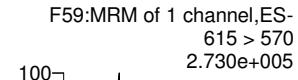
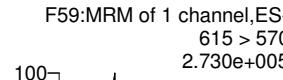
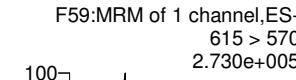
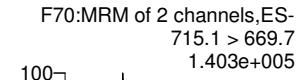
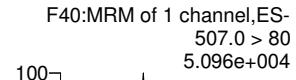
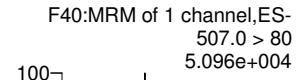


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Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:27:45 Pacific Daylight Time

Name: 210325M1_79, Date: 26-Mar-2021, Time: 02:15:17, ID: 2103186-01 0.25243, Description: GW2103081245GSC

11Cl-PF30UdS**PFDoA****PFTrDA****PFTeDA****TDCA****TDCA****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFTeDA-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS**

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-80.qld

Last Altered: Monday, March 29, 2021 13:00:00 Pacific Daylight Time

Printed: Monday, March 29, 2021 13:01:28 Pacific Daylight Time

Name: 210325M1_80, Date: 26-Mar-2021, Time: 02:25:39, ID: 2103186-02 0.24811, Description: GW2103081135GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0		2.598e3	0.248		1.16							
2	5 PFPeA	263.1 > 218.9		3.452e3	0.248		2.11							
3	7 PFBS	299.0 > 79.7		9.042e2	0.248		2.40							YES
4	10 4:2 FTS	327.0 > 306.9		9.020e2	0.248		2.83							YES
5	11 PFHxA	313.0 > 269.0		5.572e3	0.248		2.91							YES
6	12 PFPeS	349.0 > 80.0		9.042e2	0.248		3.15							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.598e3		0.248	265.512	1.17	1.16	2600	12.5	39.437	78.3		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.452e3		0.248	388.348	2.11	2.11	3450	12.5	35.827	71.1		
9	53 13C3-PFBS-EIS	302.0 > 98.9	9.042e2		0.248	100.808	2.40	2.40	904	12.5	36.152	71.8		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	9.020e2		0.248	96.532	2.82	2.83	902	12.5	37.663	74.8		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.572e3		0.248	622.011	2.91	2.91	5570	12.5	36.105	71.7		
12	53 13C3-PFBS-EIS	302.0 > 98.9	9.042e2		0.248	100.808	2.40	2.40	904	12.5	36.152	71.8		
13	-1													
14	13 HFPO-DA	285 > 169		2.411e2	0.248		3.13							YES
15	15 PFHpA	363.0 > 318.9		3.236e3	0.248		3.53							YES
16	16 ADONA	376.8 > 250.9		3.236e3	0.248		3.62							YES
17	17 L-PFHxS	399 > 80.0		1.630e3	0.248		3.67							YES
18	77 Total PFHxs	399 > 80	0.000e0		0.248		3.83		0.000					
19	19 6:2 FTS	427 > 407.0		8.778e2	0.248		3.97							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.411e2		0.248	24.857	3.13	3.13	241	12.5	39.097	77.6		
21	57 13C4-PFHxA-EIS	367.2 > 321.8	3.236e3		0.248	380.184	3.52	3.53	3240	12.5	34.311	68.1		
22	57 13C4-PFHxA-EIS	367.2 > 321.8	3.236e3		0.248	380.184	3.52	3.53	3240	12.5	34.311	68.1		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.630e3		0.248	187.592	3.67	3.67	1630	12.5	35.023	69.5		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.630e3		0.248	187.592	3.67	3.67	1630	12.5	35.023	69.5		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.778e2		0.248	95.748	3.97	3.97	878	12.5	36.949	73.3		
26	-1													
27	20 L-PFOA	412.8 > 368.9		6.552e3	0.248		4.02							YES
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.248		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		6.552e3	0.248		4.04							YES
30	23 PFHpS	448.9 > 80.0		1.901e3	0.248		4.16							YES
31	25 PFNA	463.0 > 418.8		7.083e3	0.248		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.769e3	0.248		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.552e3		0.248	775.038	4.02	4.02	6550	12.5	34.071	67.6		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.552e3		0.248	775.038	4.02	4.02	6550	12.5	34.071	67.6		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.552e3		0.248	775.038	4.02	4.02	6550	12.5	34.071	67.6		
36	63 13C8-PFOS-EIS	507.0 > 80	1.901e3		0.248	214.550	4.55	4.55	1900	12.5	35.706	70.9		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-80.qld

Last Altered: Monday, March 29, 2021 13:00:00 Pacific Daylight Time

Printed: Monday, March 29, 2021 13:01:28 Pacific Daylight Time

Name: 210325M1_80, Date: 26-Mar-2021, Time: 02:25:39, ID: 2103186-02 0.24811, Description: GW2103081135GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	7.083e3		0.248	788.455	4.46	4.46	7080	12.5	36.209	71.9		
38	61 13C8-PFOSA-EIS	506. > 78	1.769e3		0.248	263.334	4.51	4.51	1770	12.5	27.070	53.7		
39	-1													
40	27 L-PFOS	499 > 79.9		1.901e3	0.248		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.248		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.901e3	0.248		4.77							YES
43	30 PFDA	513 > 468.8		6.544e3	0.248		4.84							YES
44	31 8:2 FTS	527 > 507.0		1.030e3	0.248		4.81							YES
45	32 PFNS	548.9 > 79.9		1.901e3	0.248		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.901e3		0.248	214.550	4.55	4.55	1900	12.5	35.706	70.9		
47	63 13C8-PFOS-EIS	507.0 > 80	1.901e3		0.248	214.550	4.55	4.55	1900	12.5	35.706	70.9		
48	63 13C8-PFOS-EIS	507.0 > 80	1.901e3		0.248	214.550	4.55	4.55	1900	12.5	35.706	70.9		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.544e3		0.248	768.980	4.84	4.84	6540	12.5	34.300	68.1		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	1.030e3		0.248	117.592	4.81	4.81	1030	12.5	35.286	70.0		
51	63 13C8-PFOS-EIS	507.0 > 80	1.901e3		0.248	214.550	4.55	4.55	1900	12.5	35.706	70.9		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.879e3	0.248		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.248		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		4.270e3	0.248		5.15							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.248		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		8.848e3	0.248		5.17							YES
58	38 PFDS	599.0 > 80.0		1.901e3	0.248		5.21							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.879e3		0.248	556.607	4.99	4.99	4880	12.5	35.329	70.1		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.879e3		0.248	556.607	4.99	4.99	4880	12.5	35.329	70.1		
61	68 d5-N-EtFOSAA-EIS	589 > 419	4.270e3		0.248	519.234	5.15	5.15	4270	12.5	33.143	65.8		
62	68 d5-N-EtFOSAA-EIS	589 > 419	4.270e3		0.248	519.234	5.15	5.15	4270	12.5	33.143	65.8		
63	67 13C2-PFUdA-EIS	565 > 519.8	8.848e3		0.248	1124.914	5.17	5.17	8850	12.5	31.703	62.9		
64	63 13C8-PFOS-EIS	507.0 > 80	1.901e3		0.248	214.550	4.55	4.55	1900	12.5	35.706	70.9		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		1.046e4	0.248		5.39							YES
67	41 PFDa	612.9 > 569.0		1.046e4	0.248		5.45							YES
68	43 PFTrDA	662.9 > 618.9		1.046e4	0.248		5.70							YES
69	45 PFTeDA	713.0 > 669.0		5.897e3	0.248		5.91							YES
70	82 TDCA	498.3>106.9			0.248		4.91							YES
71	82 TDCA	498.3>106.9			0.248		4.91							YES
72	69 13C2-PFDa-EIS	615 > 570	1.046e4		0.248	1278.054	5.46	5.45	10500	12.5	32.973	65.4		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-80.qld

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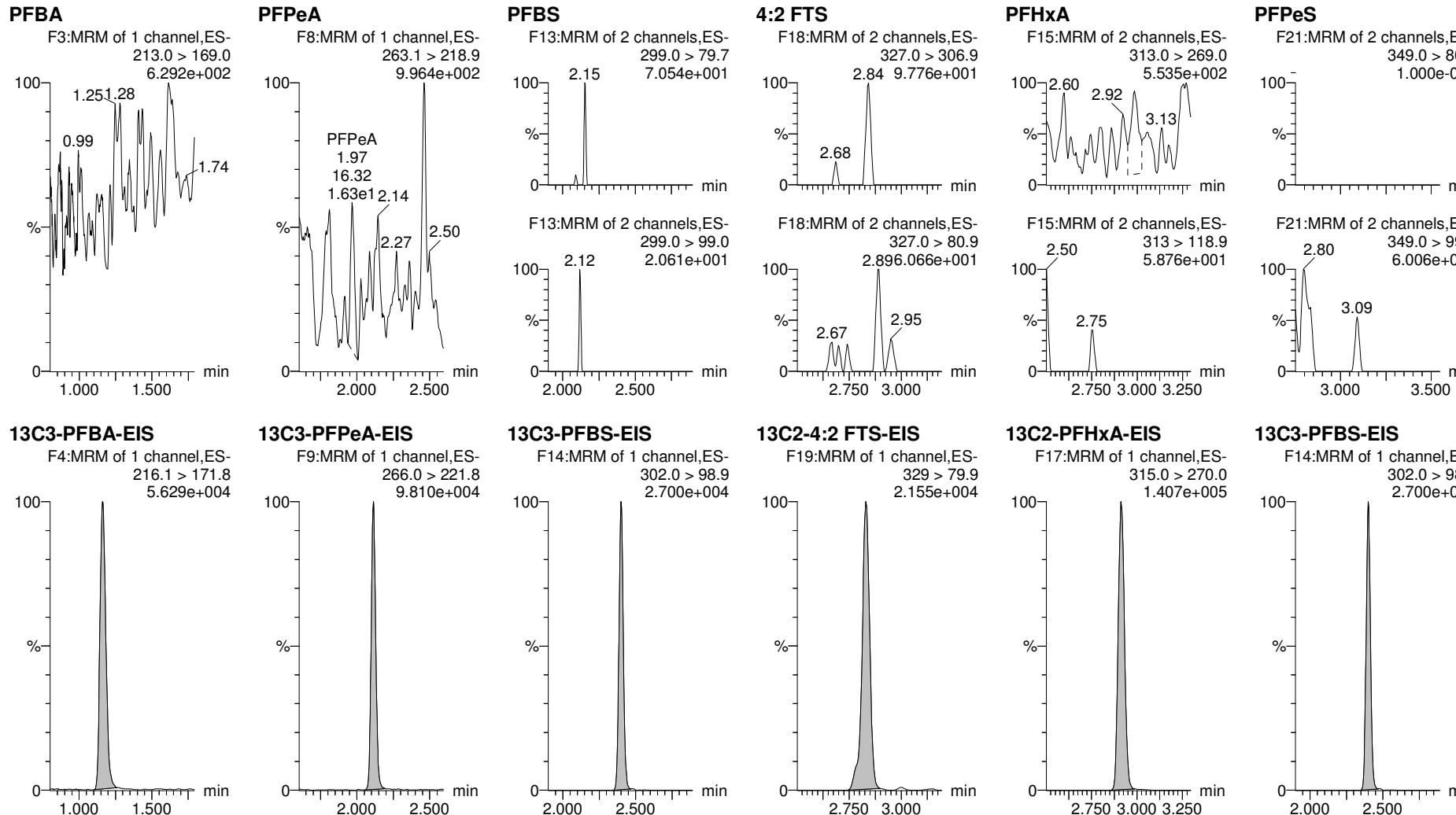
Name: 210325M1_80, Date: 26-Mar-2021, Time: 02:25:39, ID: 2103186-02 0.24811, Description: GW2103081135GSC

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73	69 13C2-PFDoA-EIS	615 > 570	1.046e4		0.248	1278.054	5.46	5.45	10500	12.5	32.973	65.4		
74	69 13C2-PFDoA-EIS	615 > 570	1.046e4		0.248	1278.054	5.46	5.45	10500	12.5	32.973	65.4		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.897e3		0.248	860.517	5.92	5.91	5900	12.5	27.619	54.8		
76	63 13C8-PFOS-EIS	507.0 > 80	1.901e3		0.248	214.550	4.55	4.55	1900	12.5	35.706	70.9		
77	63 13C8-PFOS-EIS	507.0 > 80	1.901e3		0.248	214.550	4.55	4.55	1900	12.5	35.706	70.9		

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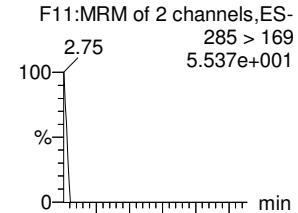
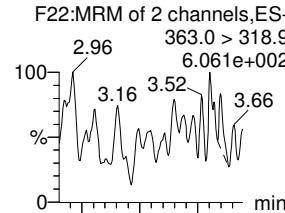
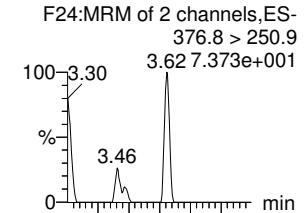
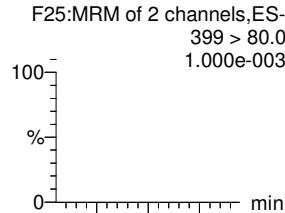
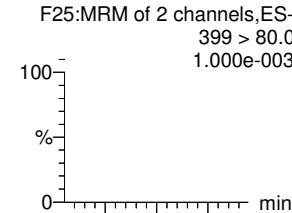
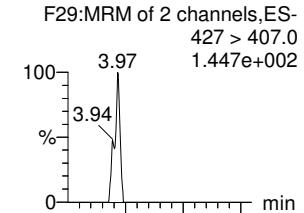
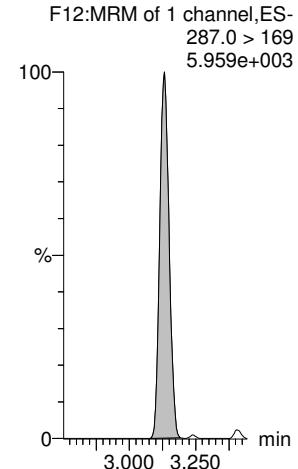
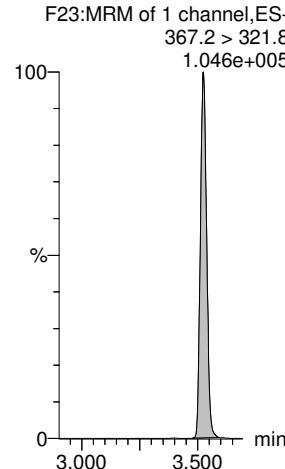
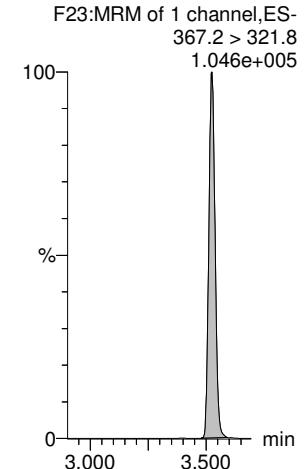
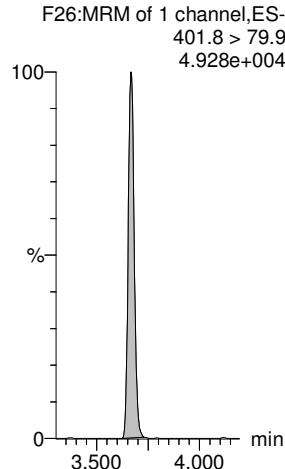
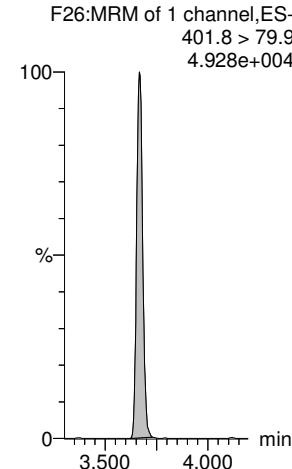
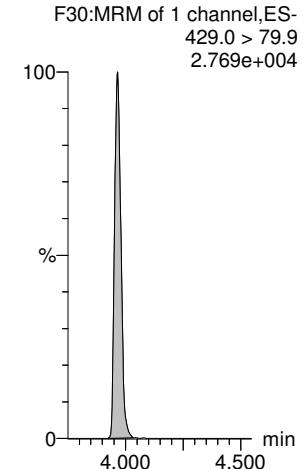
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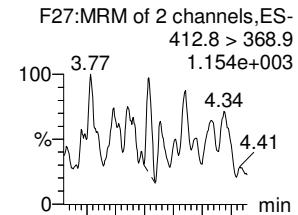
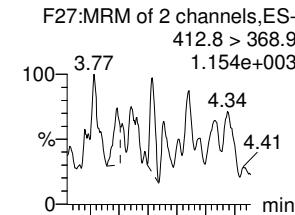
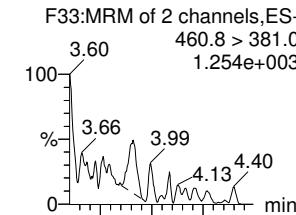
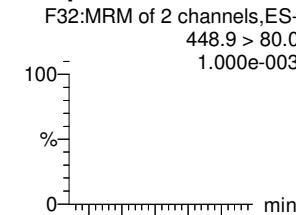
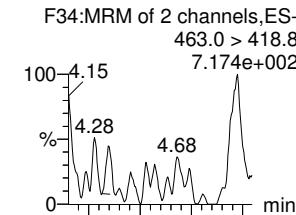
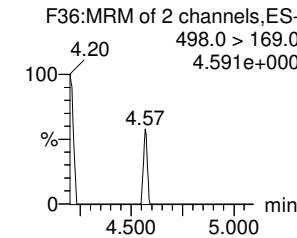
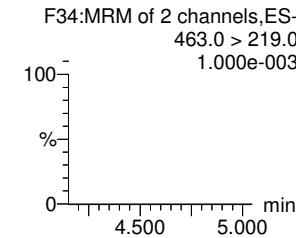
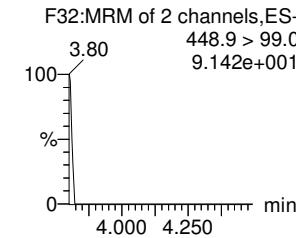
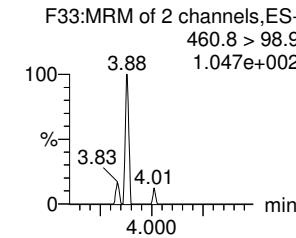
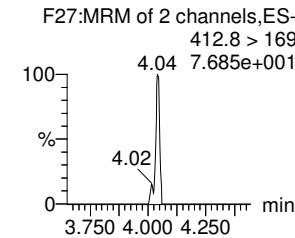
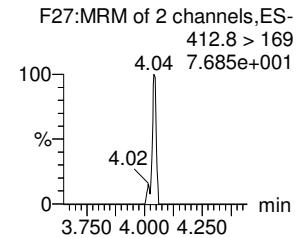
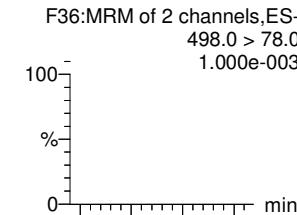
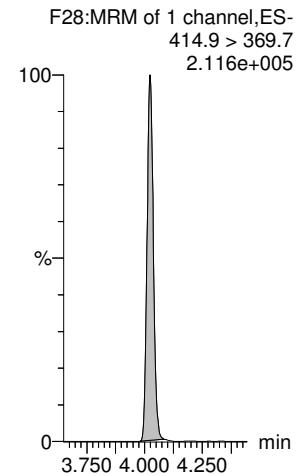
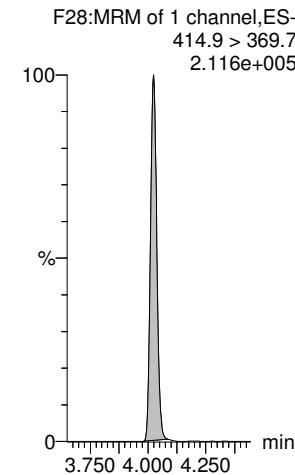
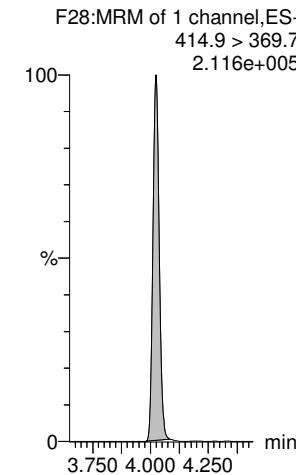
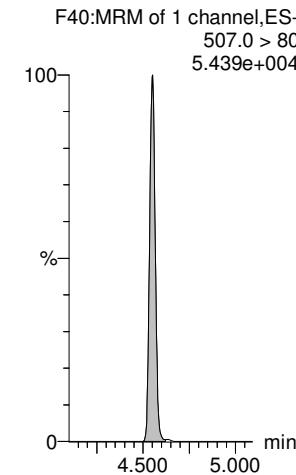
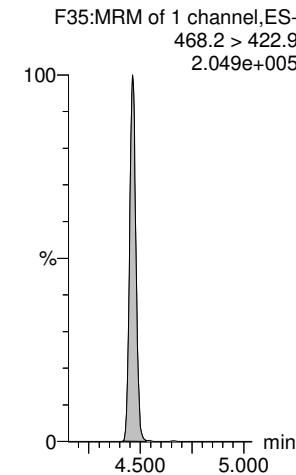
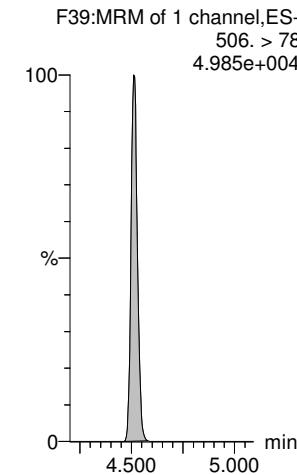
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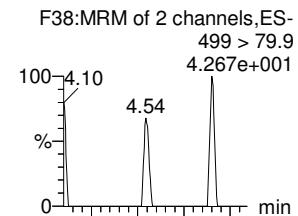
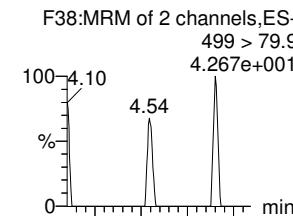
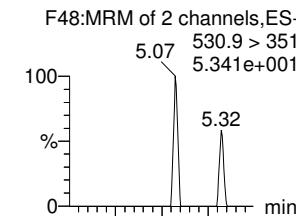
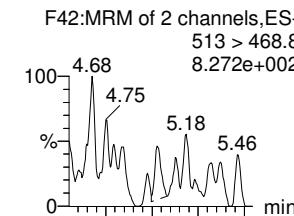
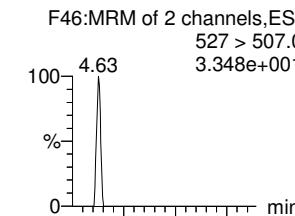
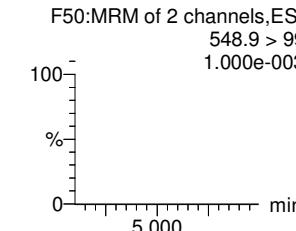
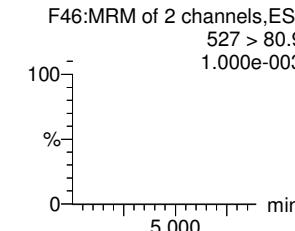
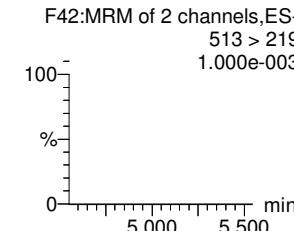
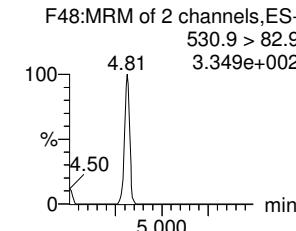
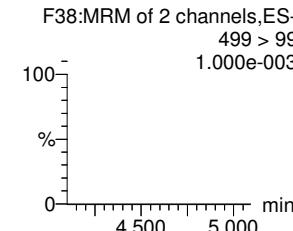
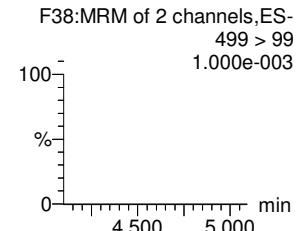
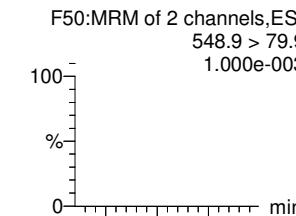
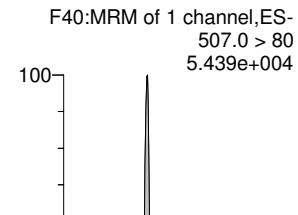
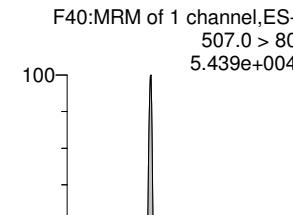
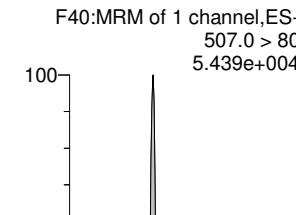
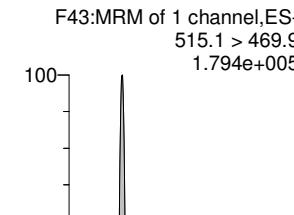
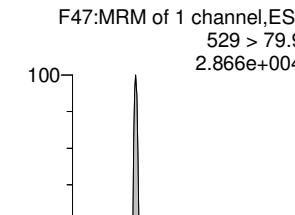
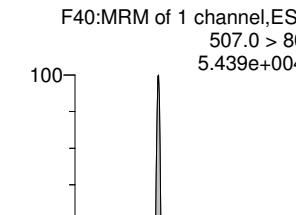
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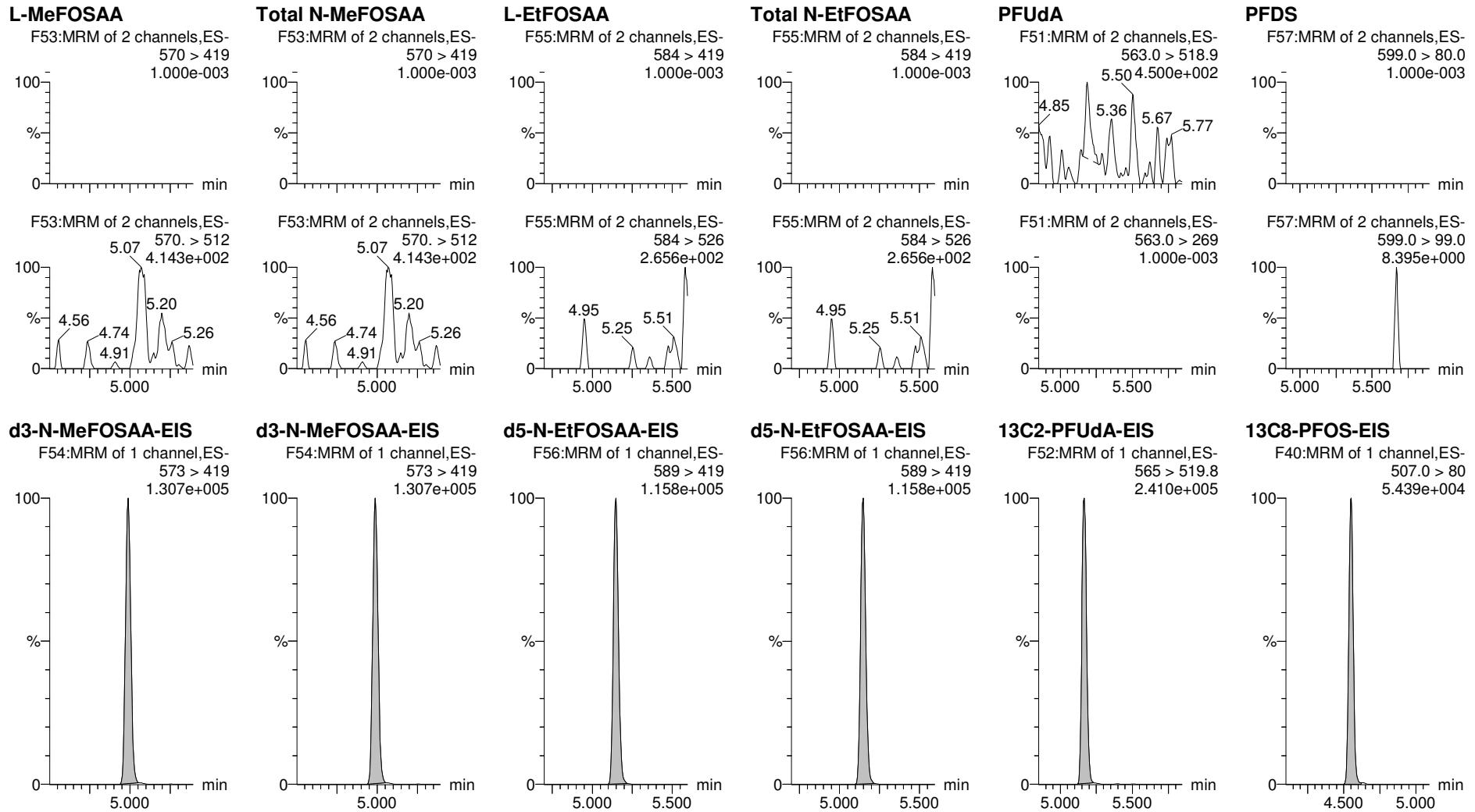
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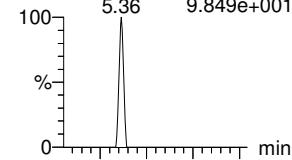
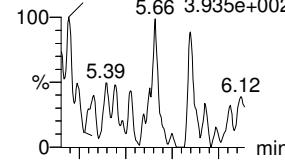
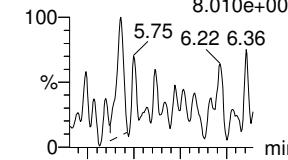
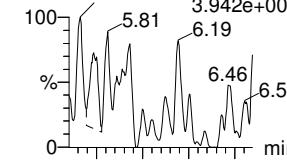
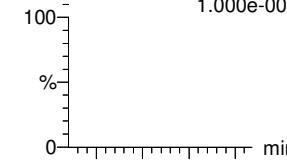
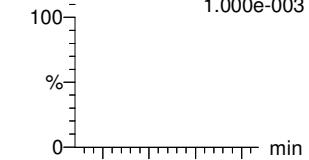
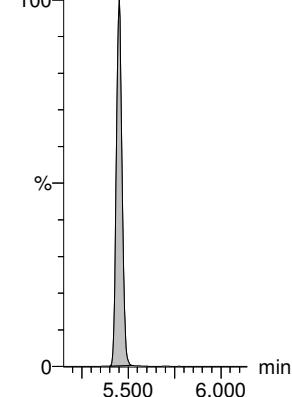
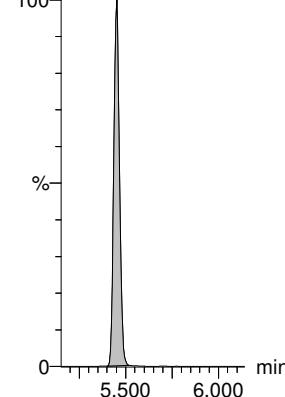
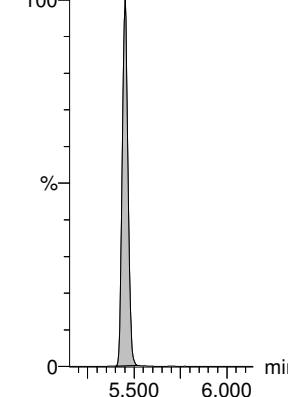
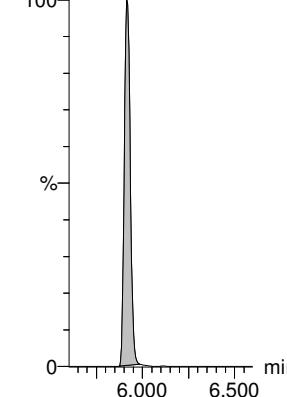
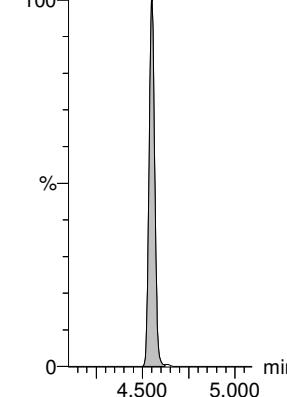
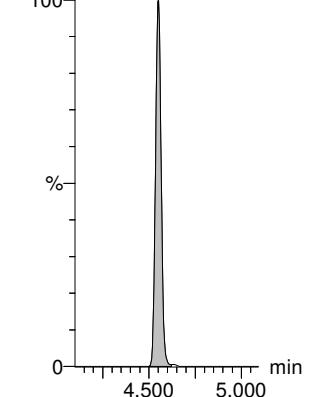


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Last Altered: Monday, March 29, 2021 13:00:00 Pacific Daylight Time

Printed: Monday, March 29, 2021 13:01:28 Pacific Daylight Time

Name: 210325M1_80, Date: 26-Mar-2021, Time: 02:25:39, ID: 2103186-02 0.24811, Description: GW2103081135GSC

11CI-PF30UdSF64:MRM of 2 channels,ES-
630.9 > 450.9
9.849e+001**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
3.935e+002**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
8.010e+002**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
3.942e+002**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.884e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.884e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.884e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
1.587e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
5.439e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
5.439e+004

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:30:16 Pacific Daylight Time

Name: 210325M1_81, Date: 26-Mar-2021, Time: 02:36:02, ID: 2103186-03 0.25195, Description: GW2103081315GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	4.648e2	2.619e3	0.252		1.16	1.16	2.22		7.002			
2	5 PFPeA	263.1 > 218.9	3.273e2	3.519e3	0.252		2.11	2.12	1.16		4.595			
3	7 PFBS	299.0 > 79.7	7.511e1	8.985e2	0.252		2.40	2.40	1.05		2.211		2.06	NO
4	10 4:2 FTS	327.0 > 306.9		8.398e2	0.252		2.83							YES
5	11 PFHxA	313.0 > 269.0	2.000e2	5.421e3	0.252		2.91	2.91	0.461		1.440		54.7	YES
6	12 PFPeS	349.0 > 80.0		8.985e2	0.252		3.15							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.619e3		0.252	265.512	1.17	1.16	2620	12.5	39.157	78.9		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.519e3		0.252	388.348	2.11	2.11	3520	12.5	35.967	72.5		
9	53 13C3-PFBS-EIS	302.0 > 98.9	8.985e2		0.252	100.808	2.40	2.40	898	12.5	35.375	71.3		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	8.398e2		0.252	96.532	2.82	2.83	840	12.5	34.529	69.6		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.421e3		0.252	622.011	2.91	2.91	5420	12.5	34.589	69.7		
12	53 13C3-PFBS-EIS	302.0 > 98.9	8.985e2		0.252	100.808	2.40	2.40	898	12.5	35.375	71.3		
13	-1													
14	13 HFPO-DA	285 > 169		2.010e2	0.252		3.13							YES
15	15 PFHpA	363.0 > 318.9		3.285e3	0.252		3.52							YES
16	16 ADONA	376.8 > 250.9		3.285e3	0.252		3.61							YES
17	17 L-PFHxS	399 > 80.0		1.718e3	0.252		3.67							YES
18	77 Total PFHxs	399 > 80	0.000e0		0.252		3.83		0.000					
19	19 6:2 FTS	427 > 407.0		8.302e2	0.252		3.97							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.010e2		0.252	24.857	3.13	3.13	201	12.5	32.091	64.7		
21	57 13C4-PFHxA-EIS	367.2 > 321.8	3.285e3		0.252	380.184	3.52	3.52	3290	12.5	34.299	69.1		
22	57 13C4-PFHxA-EIS	367.2 > 321.8	3.285e3		0.252	380.184	3.52	3.52	3290	12.5	34.299	69.1		
23	58 13C3-PFHxA-EIS	401.8 > 79.9	1.718e3		0.252	187.592	3.67	3.67	1720	12.5	36.359	73.3		
24	58 13C3-PFHxA-EIS	401.8 > 79.9	1.718e3		0.252	187.592	3.67	3.67	1720	12.5	36.359	73.3		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.302e2		0.252	95.748	3.97	3.97	830	12.5	34.416	69.4		
26	-1													
27	20 L-PFOA	412.8 > 368.9		6.712e3	0.252		4.02							YES
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.252		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		6.712e3	0.252		4.04							YES
30	23 PFHpS	448.9 > 80.0		1.798e3	0.252		4.16							YES
31	25 PFNA	463.0 > 418.8		7.191e3	0.252		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.693e3	0.252		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.712e3		0.252	775.038	4.02	4.02	6710	12.5	34.374	69.3		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.712e3		0.252	775.038	4.02	4.02	6710	12.5	34.374	69.3		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.712e3		0.252	775.038	4.02	4.02	6710	12.5	34.374	69.3		
36	63 13C8-PFOS-EIS	507.0 > 80	1.798e3		0.252	214.550	4.55	4.55	1800	12.5	33.253	67.0		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:30:16 Pacific Daylight Time

Name: 210325M1_81, Date: 26-Mar-2021, Time: 02:36:02, ID: 2103186-03 0.25195, Description: GW2103081315GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	7.191e3		0.252	788.455	4.46	4.46	7190	12.5	36.198	73.0		
38	61 13C8-PFOSA-EIS	506. > 78	1.693e3		0.252	263.334	4.51	4.51	1690	12.5	25.511	51.4		
39	-1													
40	27 L-PFOS	499 > 79.9		1.798e3	0.252		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.252		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.798e3	0.252		4.76							YES
43	30 PFDA	513 > 468.8		6.626e3	0.252		4.84							YES
44	31 8:2 FTS	527 > 507.0		9.926e2	0.252		4.81							YES
45	32 PFNS	548.9 > 79.9		1.798e3	0.252		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.798e3		0.252	214.550	4.55	4.55	1800	12.5	33.253	67.0		
47	63 13C8-PFOS-EIS	507.0 > 80	1.798e3		0.252	214.550	4.55	4.55	1800	12.5	33.253	67.0		
48	63 13C8-PFOS-EIS	507.0 > 80	1.798e3		0.252	214.550	4.55	4.55	1800	12.5	33.253	67.0		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.626e3		0.252	768.980	4.84	4.84	6630	12.5	34.201	68.9		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.926e2		0.252	117.592	4.81	4.81	993	12.5	33.504	67.5		
51	63 13C8-PFOS-EIS	507.0 > 80	1.798e3		0.252	214.550	4.55	4.55	1800	12.5	33.253	67.0		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.692e3	0.252		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.252		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		4.354e3	0.252		5.14							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.252		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		9.170e3	0.252		5.17							YES
58	38 PFDS	599.0 > 80.0		1.798e3	0.252		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.692e3		0.252	556.607	4.99	4.99	4690	12.5	33.455	67.4		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.692e3		0.252	556.607	4.99	4.99	4690	12.5	33.455	67.4		
61	68 d5-N-EtFOSAA-EIS	589 > 419	4.354e3		0.252	519.234	5.15	5.14	4350	12.5	33.279	67.1		
62	68 d5-N-EtFOSAA-EIS	589 > 419	4.354e3		0.252	519.234	5.15	5.14	4350	12.5	33.279	67.1		
63	67 13C2-PFUdA-EIS	565 > 519.8	9.170e3		0.252	1124.914	5.17	5.17	9170	12.5	32.354	65.2		
64	63 13C8-PFOS-EIS	507.0 > 80	1.798e3		0.252	214.550	4.55	4.55	1800	12.5	33.253	67.0		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		1.069e4	0.252		5.39							YES
67	41 PFDa	612.9 > 569.0		1.069e4	0.252		5.45							YES
68	43 PFTrDA	662.9 > 618.9		1.069e4	0.252		5.70							YES
69	45 PFTeDA	713.0 > 669.0		6.289e3	0.252		5.91							YES
70	82 TDCA	498.3>106.9			0.252		4.91							YES
71	82 TDCA	498.3>106.9			0.252		4.91							YES
72	69 13C2-PFDa-EIS	615 > 570	1.069e4		0.252	1278.054	5.46	5.45	10700	12.5	33.189	66.9		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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Printed: Monday, March 29, 2021 08:30:16 Pacific Daylight Time

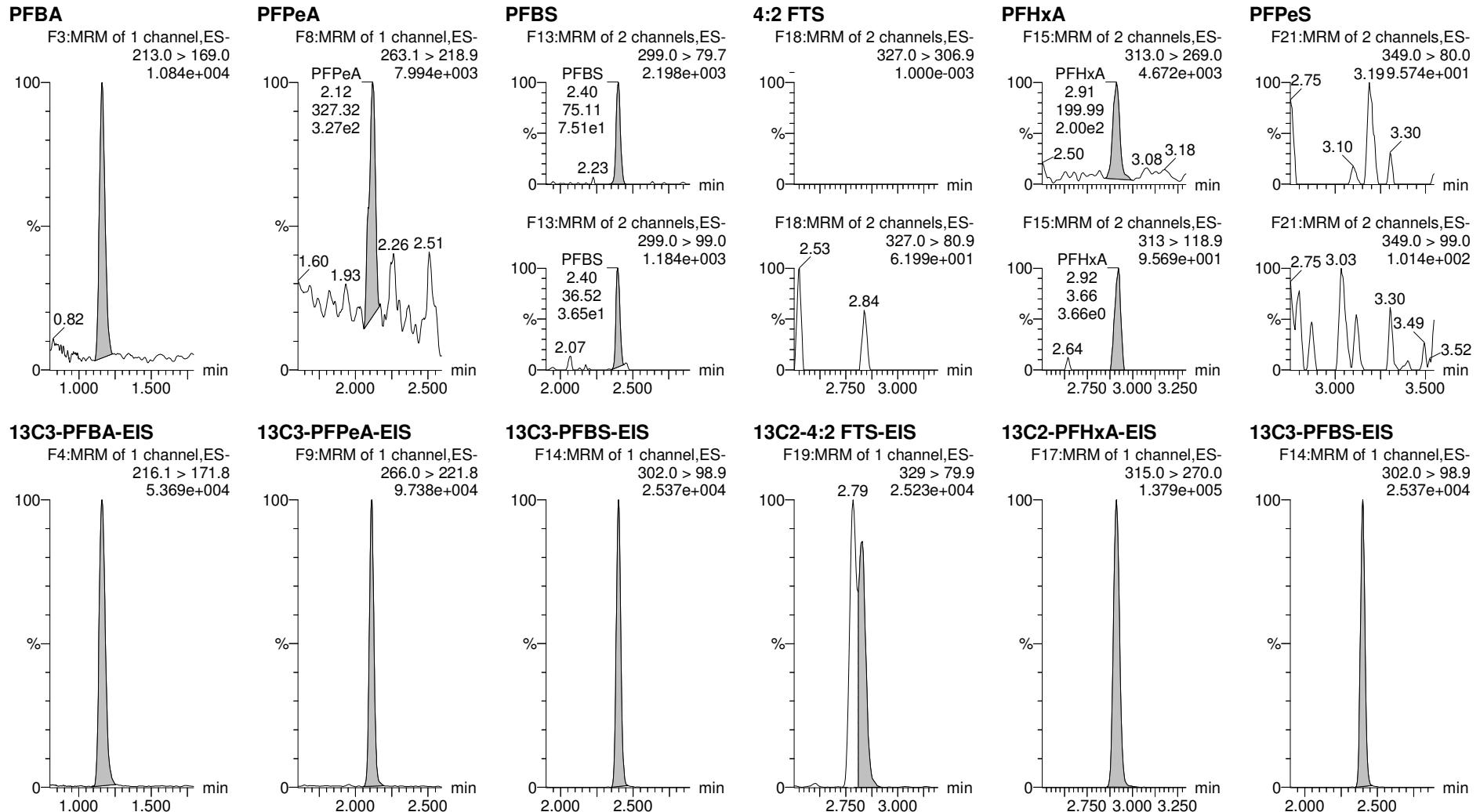
Name: 210325M1_81, Date: 26-Mar-2021, Time: 02:36:02, ID: 2103186-03 0.25195, Description: GW2103081315GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	1.069e4		0.252	1278.054	5.46	5.45	10700	12.5	33.189	66.9		
74	69 13C2-PFDoA-EIS	615 > 570	1.069e4		0.252	1278.054	5.46	5.45	10700	12.5	33.189	66.9		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	6.289e3		0.252	860.517	5.92	5.91	6290	12.5	29.006	58.5		
76	63 13C8-PFOS-EIS	507.0 > 80	1.798e3		0.252	214.550	4.55	4.55	1800	12.5	33.253	67.0		
77	63 13C8-PFOS-EIS	507.0 > 80	1.798e3		0.252	214.550	4.55	4.55	1800	12.5	33.253	67.0		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:30:16 Pacific Daylight Time

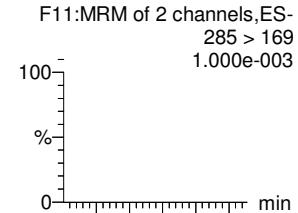
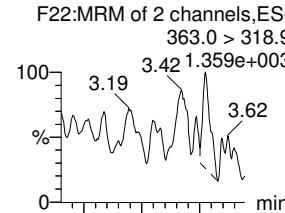
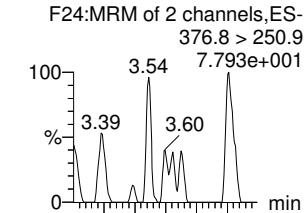
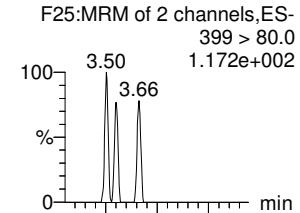
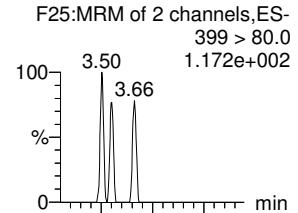
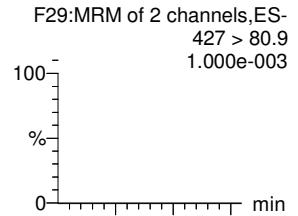
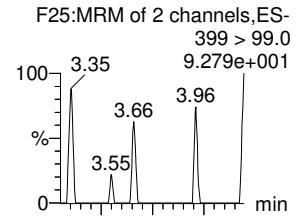
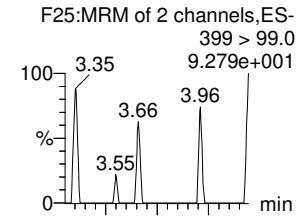
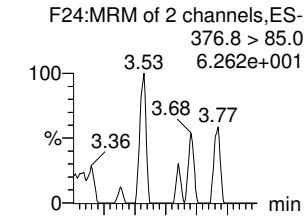
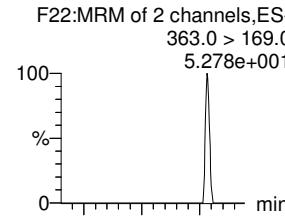
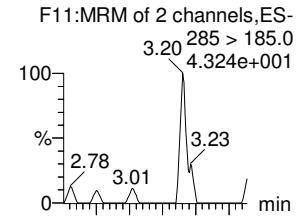
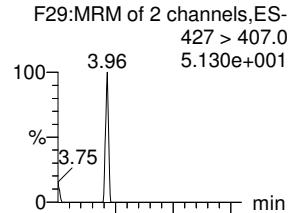
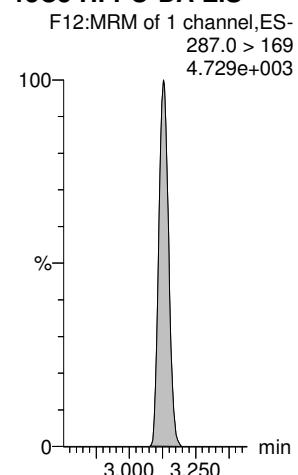
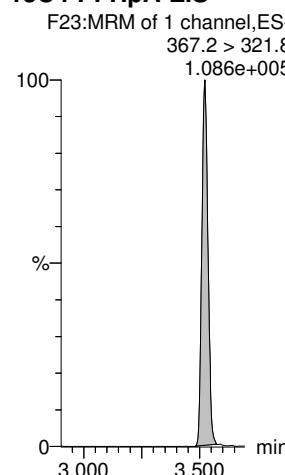
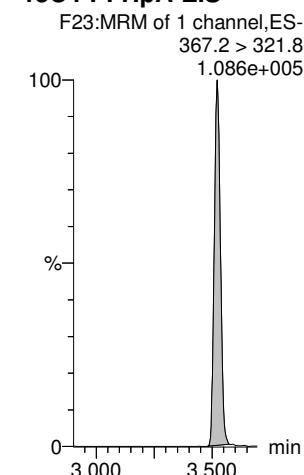
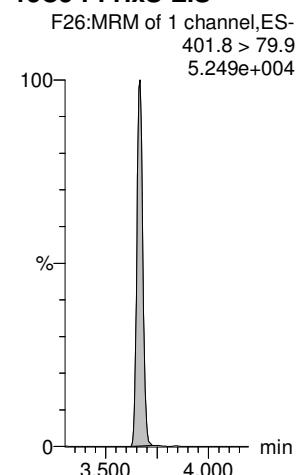
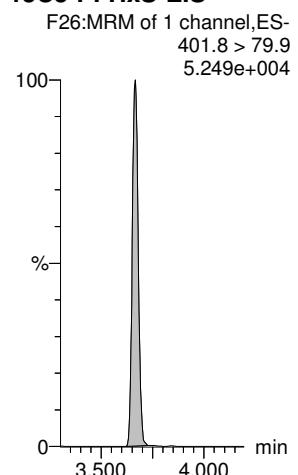
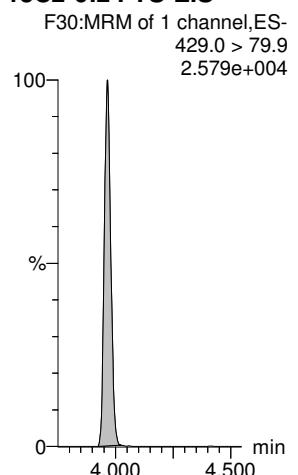
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Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:30:16 Pacific Daylight Time

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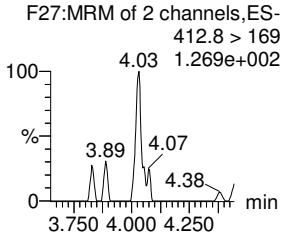
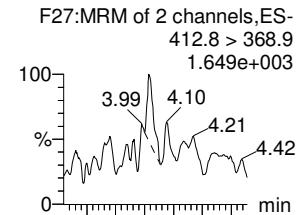
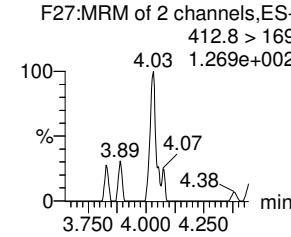
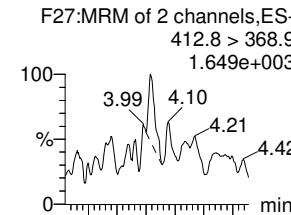
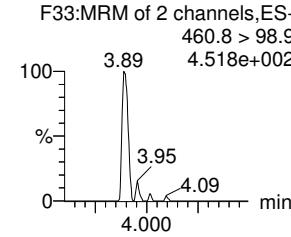
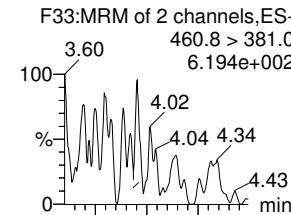
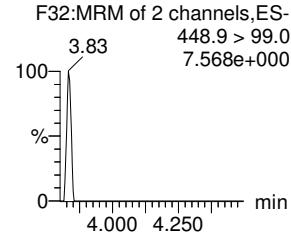
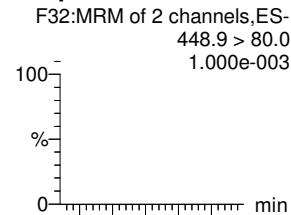
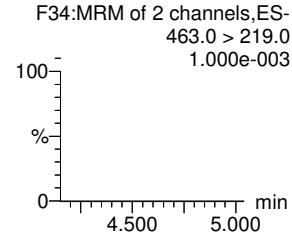
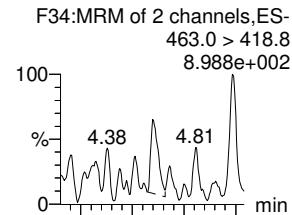
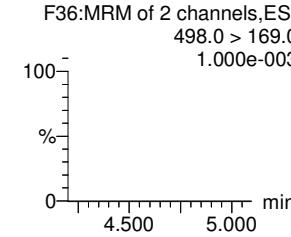
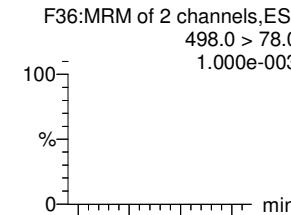
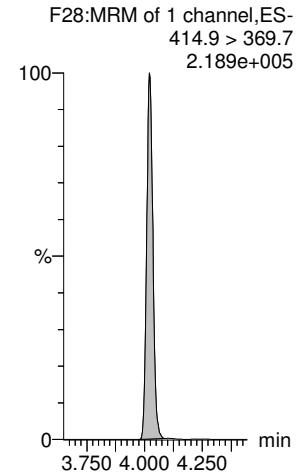
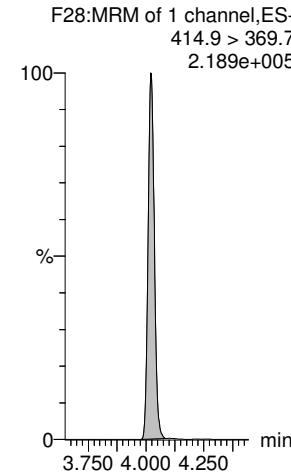
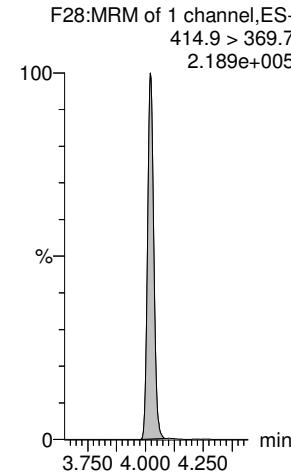
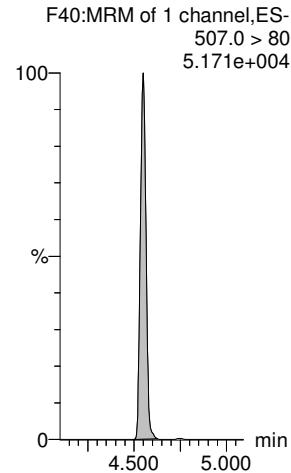
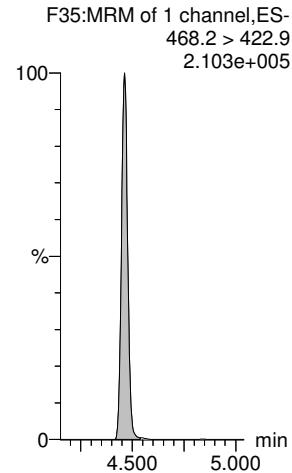
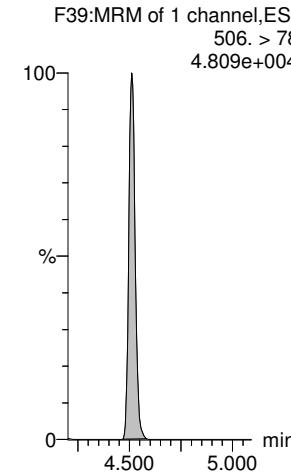
HFPO-DA**PFHpA****ADONA****L-PFHxS****Total PFHxS****6:2 FTS****13C3-HFPO-DA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFHxS-EIS****13C3-PFHxS-EIS****13C2-6:2 FTS-EIS**

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

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Name: 210325M1_81, Date: 26-Mar-2021, Time: 02:36:02, ID: 2103186-03 0.25195, Description: GW2103081315GSC

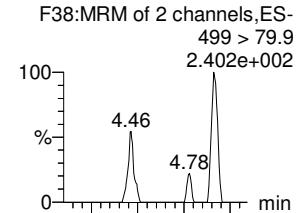
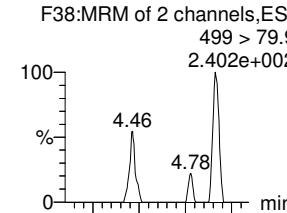
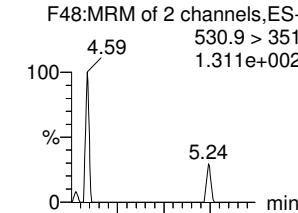
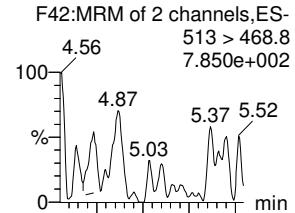
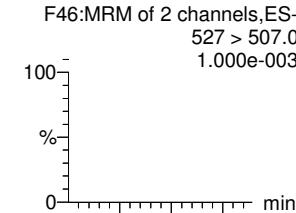
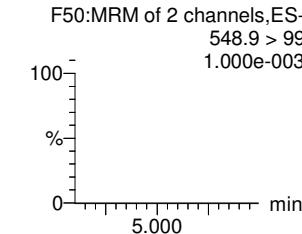
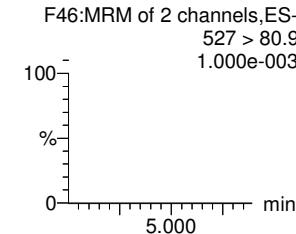
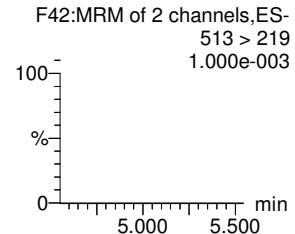
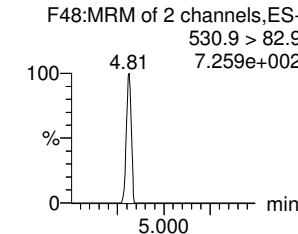
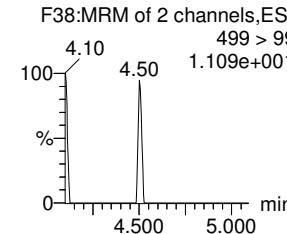
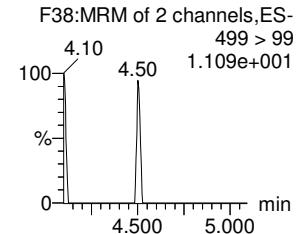
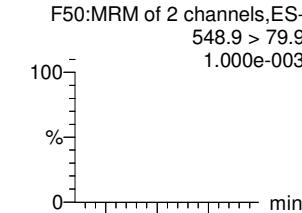
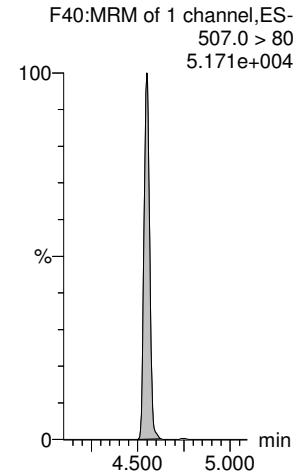
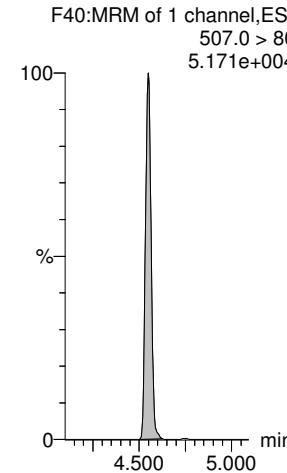
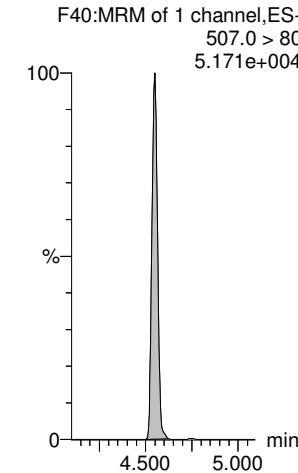
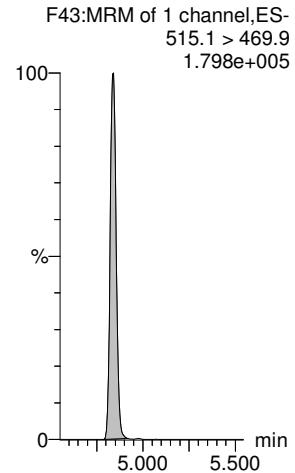
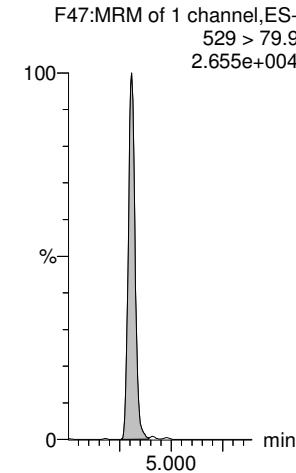
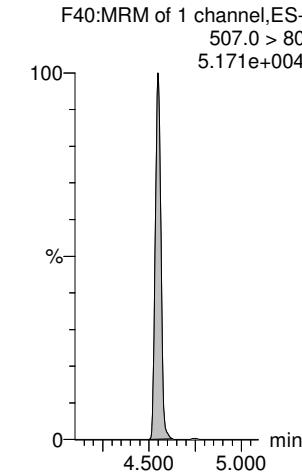
L-PFOA**Total PFOA****PFecHS****PFHpS****PFNA****PFOSA****13C2-PFOA-EIS****13C2-PFOA-EIS****13C2-PFOA-EIS****13C8-PFOS-EIS****13C5-PFNA-EIS****13C8-PFOSA-EIS**

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Name: 210325M1_81, Date: 26-Mar-2021, Time: 02:36:02, ID: 2103186-03 0.25195, Description: GW2103081315GSC

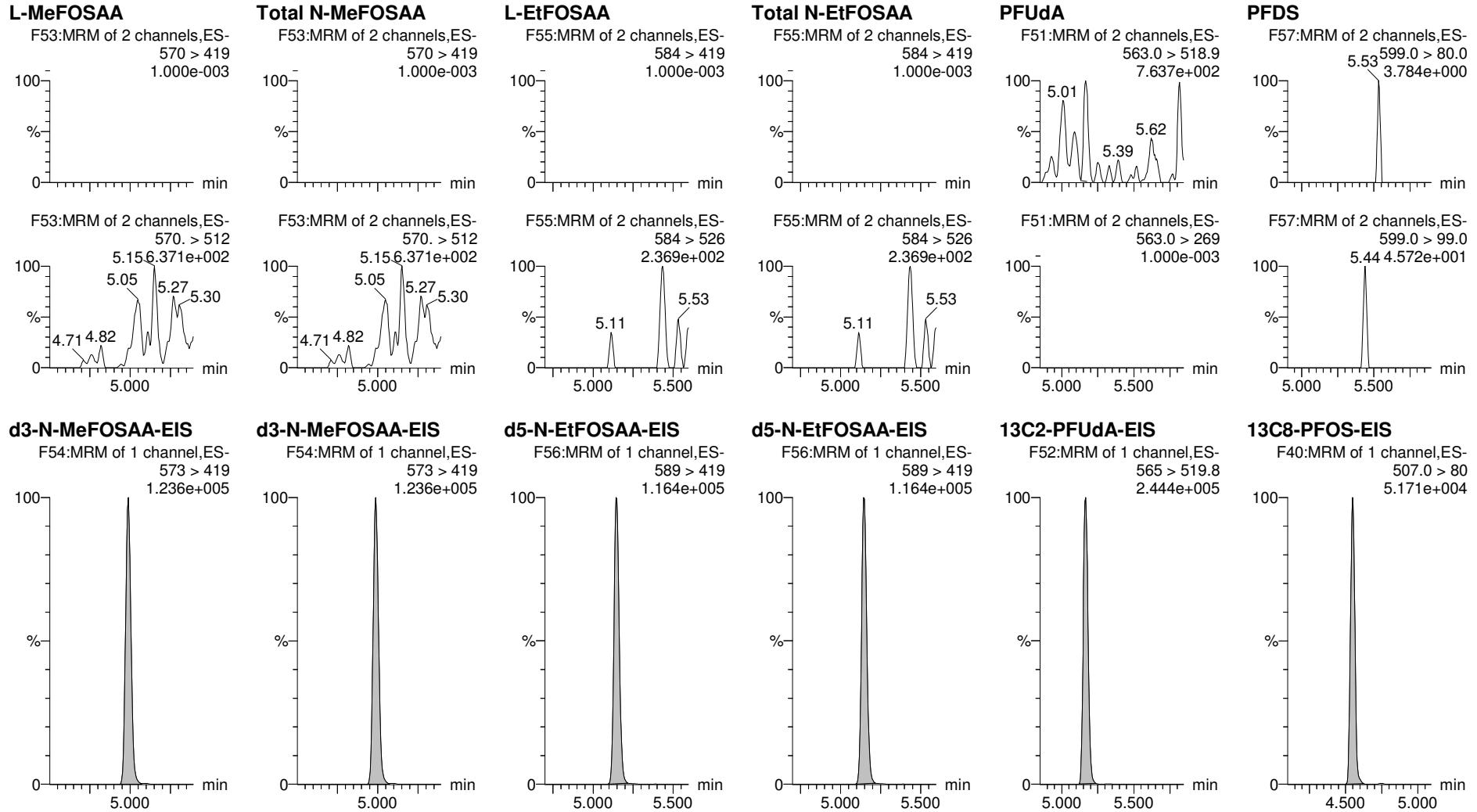
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Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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Name: 210325M1_81, Date: 26-Mar-2021, Time: 02:36:02, ID: 2103186-03 0.25195, Description: GW2103081315GSC



Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

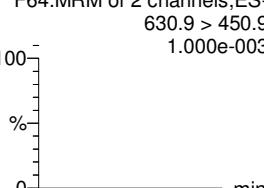
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Printed: Monday, March 29, 2021 08:30:16 Pacific Daylight Time

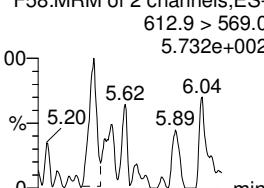
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11CI-PF30UdS

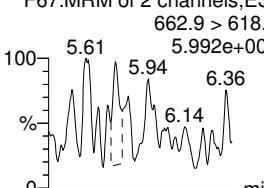
F64:MRM of 2 channels,ES-
630.9 > 450.9
1.000e-003


PFDoA

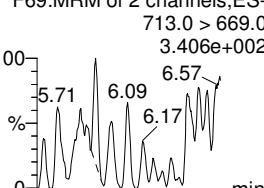
F58:MRM of 2 channels,ES-
612.9 > 569.0
5.732e+002


PFTrDA

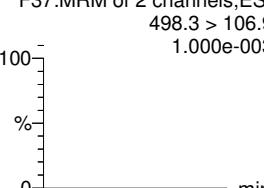
F67:MRM of 2 channels,ES-
662.9 > 618.9
5.992e+002


PFTeDA

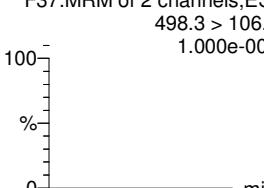
F69:MRM of 2 channels,ES-
713.0 > 669.0
3.406e+002


TDCA

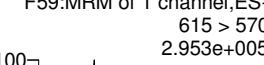
F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003


TDCA

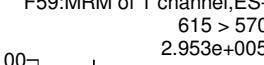
F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003


13C2-PFDoA-EIS

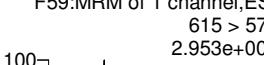
F59:MRM of 1 channel,ES-
615 > 570
2.953e+005


13C2-PFDoA-EIS

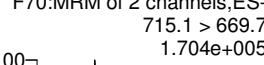
F59:MRM of 1 channel,ES-
615 > 570
2.953e+005


13C2-PFDoA-EIS

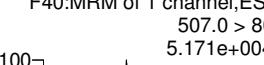
F59:MRM of 1 channel,ES-
615 > 570
2.953e+005


13C2-PFTeDA-EIS

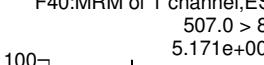
F70:MRM of 2 channels,ES-
715.1 > 669.7
1.704e+005


13C8-PFOS-EIS

F40:MRM of 1 channel,ES-
507.0 > 80
5.171e+004


13C8-PFOS-EIS

F40:MRM of 1 channel,ES-
507.0 > 80
5.171e+004



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Name: 210325M1_82, Date: 26-Mar-2021, Time: 02:46:24, ID: 2103186-04 0.24917, Description: GW2103081355GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0		2.574e3	0.249		1.16							
2	5 PFPeA	263.1 > 218.9		3.389e3	0.249		2.11							
3	7 PFBS	299.0 > 79.7		9.137e2	0.249		2.40							YES
4	10 4:2 FTS	327.0 > 306.9		9.786e2	0.249		2.83							YES
5	11 PFHxA	313.0 > 269.0		5.354e3	0.249		2.91							YES
6	12 PFPeS	349.0 > 80.0		9.137e2	0.249		3.15							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.574e3		0.249	265.512	1.17	1.16	2570	12.5	38.909	77.6		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.389e3		0.249	388.348	2.11	2.11	3390	12.5	35.019	69.8		
9	53 13C3-PFBS-EIS	302.0 > 98.9	9.137e2		0.249	100.808	2.40	2.40	914	12.5	36.377	72.5		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	9.786e2		0.249	96.532	2.82	2.83	979	12.5	40.684	81.1		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.354e3		0.249	622.011	2.91	2.91	5350	12.5	34.547	68.9		
12	53 13C3-PFBS-EIS	302.0 > 98.9	9.137e2		0.249	100.808	2.40	2.40	914	12.5	36.377	72.5		
13	-1													
14	13 HFPO-DA	285 > 169		2.160e2	0.249		3.13							YES
15	15 PFHpA	363.0 > 318.9		3.292e3	0.249		3.52							YES
16	16 ADONA	376.8 > 250.9		3.292e3	0.249		3.61							YES
17	17 L-PFHxS	399 > 80.0		1.687e3	0.249		3.66							YES
18	77 Total PFHxs	399 > 80	0.000e0		0.249		3.83		0.000					
19	19 6:2 FTS	427 > 407.0		8.275e2	0.249		3.96							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.160e2		0.249	24.857	3.13	3.13	216	12.5	34.879	69.5		
21	57 13C4-PFHpA-EIS	367.2 > 321.8	3.292e3		0.249	380.184	3.52	3.52	3290	12.5	34.754	69.3		
22	57 13C4-PFHpA-EIS	367.2 > 321.8	3.292e3		0.249	380.184	3.52	3.52	3290	12.5	34.754	69.3		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.687e3		0.249	187.592	3.67	3.66	1690	12.5	36.094	71.9		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.687e3		0.249	187.592	3.67	3.66	1690	12.5	36.094	71.9		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.275e2		0.249	95.748	3.97	3.96	827	12.5	34.683	69.1		
26	-1													
27	20 L-PFOA	412.8 > 368.9		6.463e3	0.249		4.02							YES
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.249		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		6.463e3	0.249		4.04							YES
30	23 PFHpS	448.9 > 80.0		1.811e3	0.249		4.16							YES
31	25 PFNA	463.0 > 418.8		6.847e3	0.249		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.568e3	0.249		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.463e3		0.249	775.038	4.02	4.02	6460	12.5	33.467	66.7		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.463e3		0.249	775.038	4.02	4.02	6460	12.5	33.467	66.7		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.463e3		0.249	775.038	4.02	4.02	6460	12.5	33.467	66.7		
36	63 13C8-PFOS-EIS	507.0 > 80	1.811e3		0.249	214.550	4.55	4.55	1810	12.5	33.868	67.5		

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Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

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Name: 210325M1_82, Date: 26-Mar-2021, Time: 02:46:24, ID: 2103186-04 0.24917, Description: GW2103081355GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	6.847e3		0.249	788.455	4.46	4.46	6850	12.5	34.853	69.5		
38	61 13C8-PFOSA-EIS	506. > 78	1.568e3		0.249	263.334	4.51	4.51	1570	12.5	23.904	47.6		
39	-1													
40	27 L-PFOS	499 > 79.9		1.811e3	0.249		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.249		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.811e3	0.249		4.76							YES
43	30 PFDA	513 > 468.8		6.648e3	0.249		4.84							YES
44	31 8:2 FTS	527 > 507.0		1.042e3	0.249		4.81							YES
45	32 PFNS	548.9 > 79.9		1.811e3	0.249		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.811e3		0.249	214.550	4.55	4.55	1810	12.5	33.868	67.5		
47	63 13C8-PFOS-EIS	507.0 > 80	1.811e3		0.249	214.550	4.55	4.55	1810	12.5	33.868	67.5		
48	63 13C8-PFOS-EIS	507.0 > 80	1.811e3		0.249	214.550	4.55	4.55	1810	12.5	33.868	67.5		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.648e3		0.249	768.980	4.84	4.84	6650	12.5	34.696	69.2		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	1.042e3		0.249	117.592	4.81	4.81	1040	12.5	35.568	70.9		
51	63 13C8-PFOS-EIS	507.0 > 80	1.811e3		0.249	214.550	4.55	4.55	1810	12.5	33.868	67.5		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.555e3	0.249		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.249		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		4.436e3	0.249		5.14							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.249		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		8.616e3	0.249		5.16							YES
58	38 PFDS	599.0 > 80.0		1.811e3	0.249		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.555e3		0.249	556.607	4.99	4.99	4550	12.5	32.841	65.5		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.555e3		0.249	556.607	4.99	4.99	4550	12.5	32.841	65.5		
61	68 d5-N-EtFOSAA-EIS	589 > 419	4.436e3		0.249	519.234	5.15	5.14	4440	12.5	34.287	68.3		
62	68 d5-N-EtFOSAA-EIS	589 > 419	4.436e3		0.249	519.234	5.15	5.14	4440	12.5	34.287	68.3		
63	67 13C2-PFUdA-EIS	565 > 519.8	8.616e3		0.249	1124.914	5.17	5.16	8620	12.5	30.740	61.3		
64	63 13C8-PFOS-EIS	507.0 > 80	1.811e3		0.249	214.550	4.55	4.55	1810	12.5	33.868	67.5		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		1.087e4	0.249		5.39							YES
67	41 PFDoA	612.9 > 569.0		1.087e4	0.249		5.45							YES
68	43 PFTrDA	662.9 > 618.9		1.087e4	0.249		5.70							YES
69	45 PFTeDA	713.0 > 669.0		5.837e3	0.249		5.91							YES
70	82 TDCA	498.3>106.9			0.249		4.91							YES
71	82 TDCA	498.3>106.9			0.249		4.91							YES
72	69 13C2-PFDoA-EIS	615 > 570	1.087e4		0.249	1278.054	5.46	5.45	10900	12.5	34.129	68.0		

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Name: 210325M1_82, Date: 26-Mar-2021, Time: 02:46:24, ID: 2103186-04 0.24917, Description: GW2103081355GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	1.087e4		0.249	1278.054	5.46	5.45	10900	12.5	34.129	68.0		
74	69 13C2-PFDoA-EIS	615 > 570	1.087e4		0.249	1278.054	5.46	5.45	10900	12.5	34.129	68.0		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.837e3		0.249	860.517	5.92	5.91	5840	12.5	27.224	54.3		
76	63 13C8-PFOS-EIS	507.0 > 80	1.811e3		0.249	214.550	4.55	4.55	1810	12.5	33.868	67.5		
77	63 13C8-PFOS-EIS	507.0 > 80	1.811e3		0.249	214.550	4.55	4.55	1810	12.5	33.868	67.5		

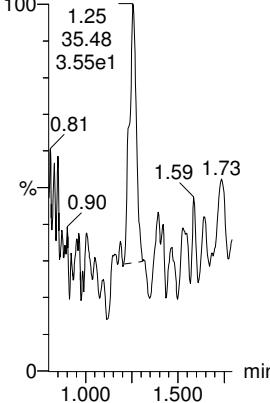
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Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

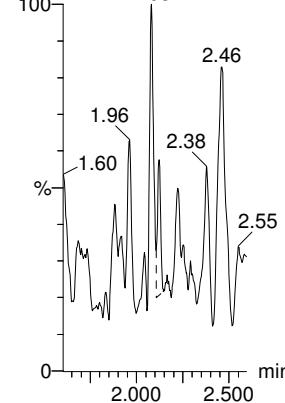
Printed: Monday, March 29, 2021 08:31:29 Pacific Daylight Time

Method: Y:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** Y:\Projects\PFAS.pro\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_82, **Date:** 26-Mar-2021, **Time:** 02:46:24, **ID:** 2103186-04 0.24917, **Description:** GW2103081355GSC**PFBA**

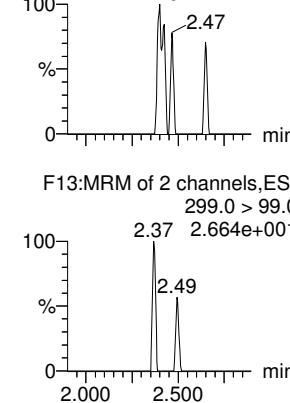
F3:MRM of 1 channel,ES-
213.0 > 169.0
1.145e+003

**PPeA**

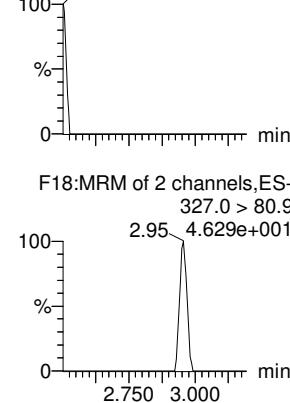
F8:MRM of 1 channel,ES-
263.1 > 218.9
1.179e+003

**PFBS**

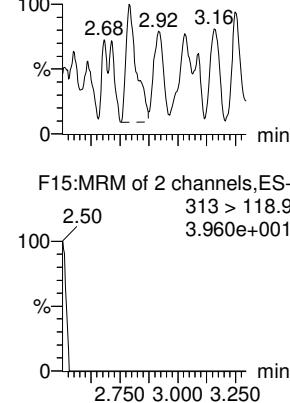
F13:MRM of 2 channels,ES-
299.0 > 79.7
5.214e+001

**4:2 FTS**

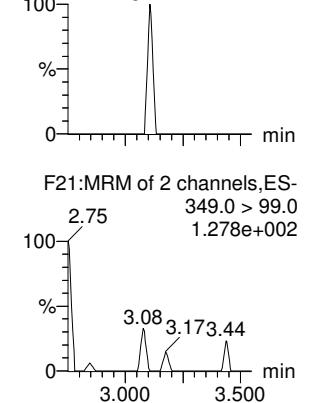
F18:MRM of 2 channels,ES-
327.0 > 306.9
1.667e+002

**PFhxA**

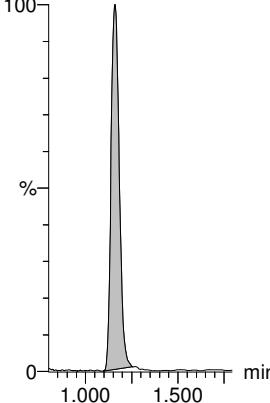
F15:MRM of 2 channels,ES-
313.0 > 269.0
5.505e+002

**PPeS**

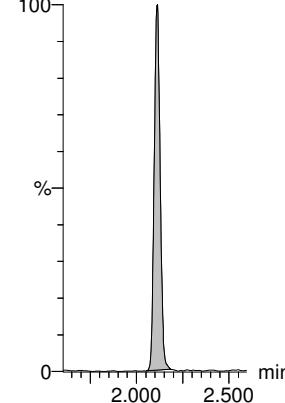
F21:MRM of 2 channels,ES-
349.0 > 80.0
8.440e+000

**13C3-PFBA-EIS**

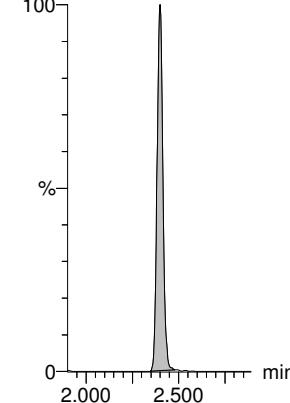
F4:MRM of 1 channel,ES-
216.1 > 171.8
5.079e+004

**13C3-PPeA-EIS**

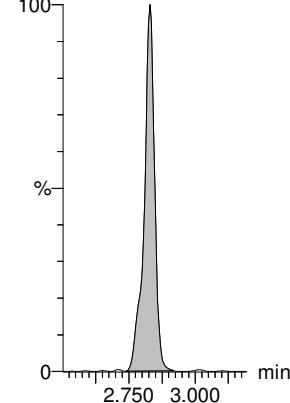
F9:MRM of 1 channel,ES-
266.0 > 221.8
9.239e+004

**13C3-PFBS-EIS**

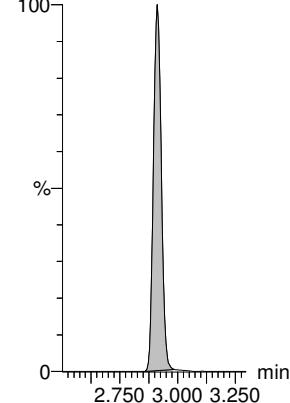
F14:MRM of 1 channel,ES-
302.0 > 98.9
2.550e+004

**13C2-4:2 FTS-EIS**

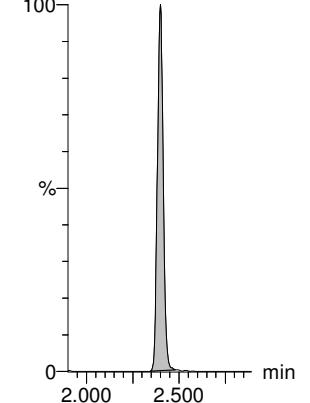
F19:MRM of 1 channel,ES-
329 > 79.9
2.162e+004

**13C2-PFhxA-EIS**

F17:MRM of 1 channel,ES-
315.0 > 270.0
1.363e+005

**13C3-PFBS-EIS**

F14:MRM of 1 channel,ES-
302.0 > 98.9
2.550e+004

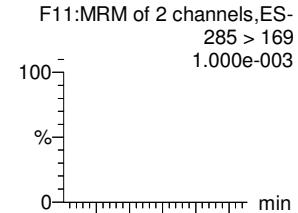
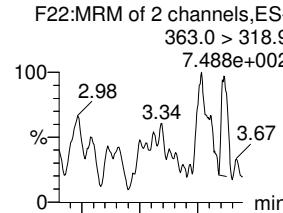
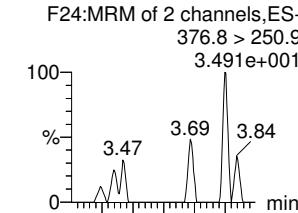
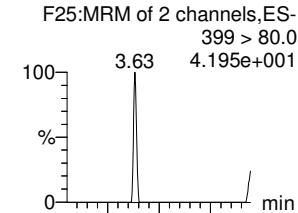
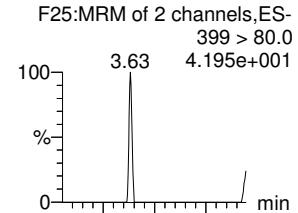
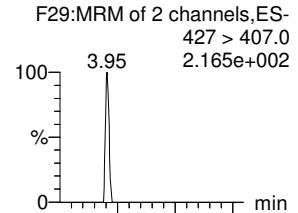
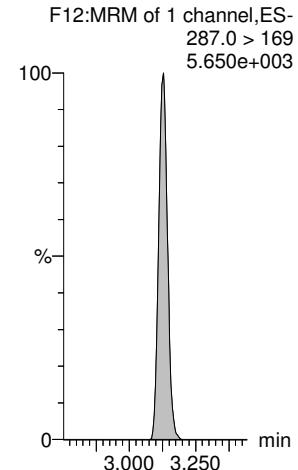
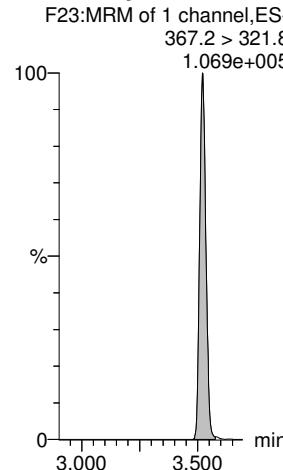
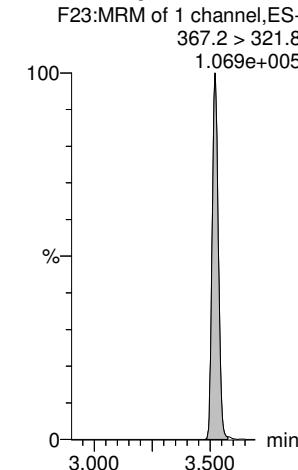
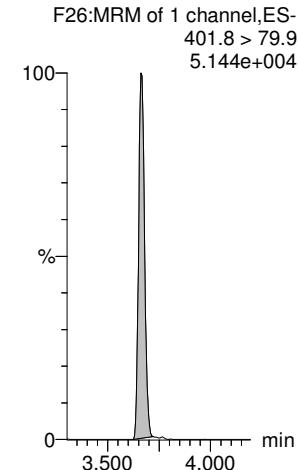
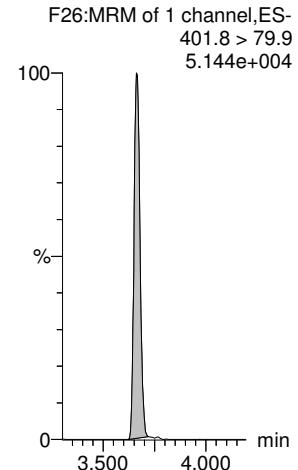
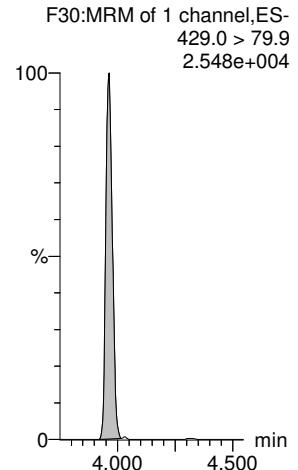


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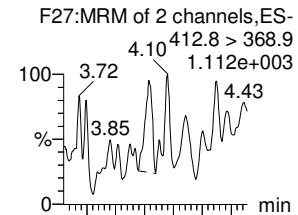
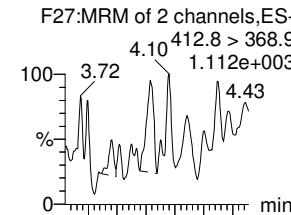
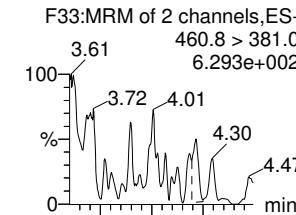
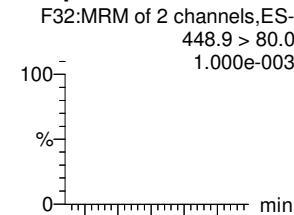
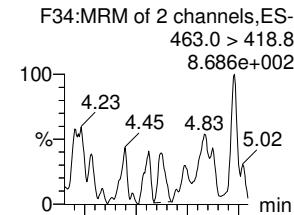
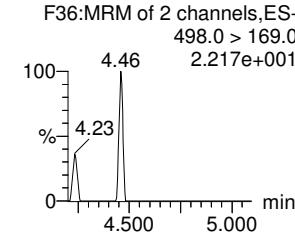
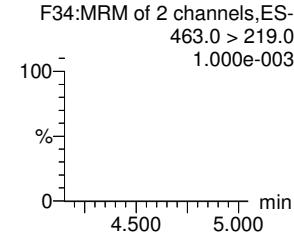
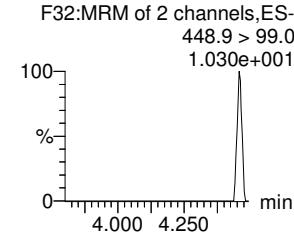
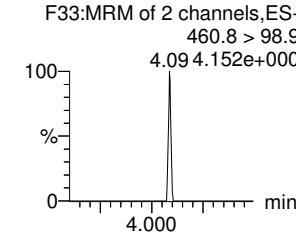
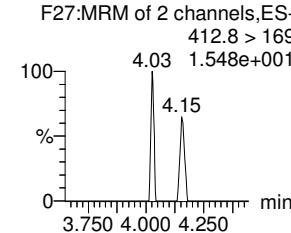
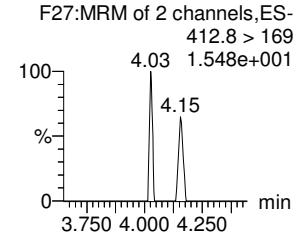
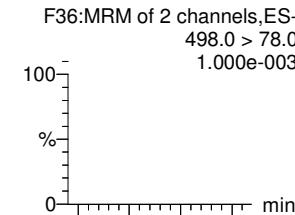
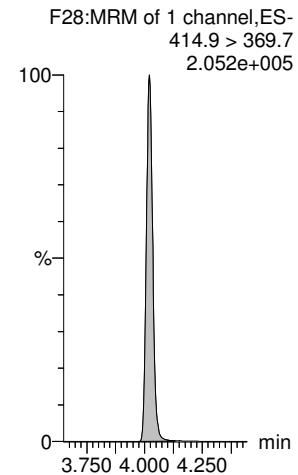
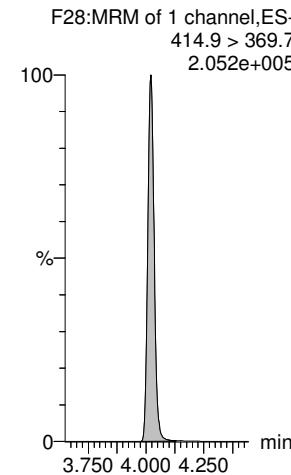
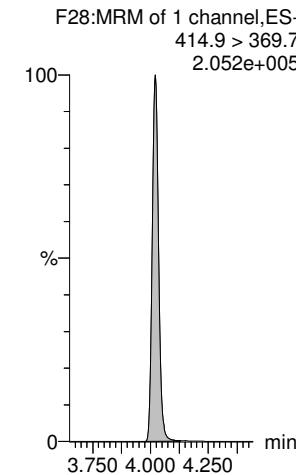
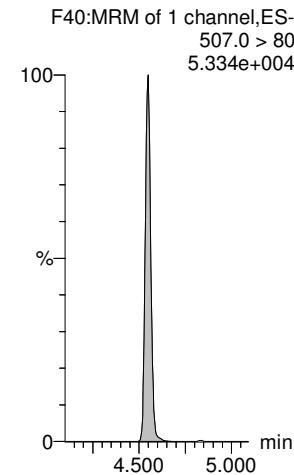
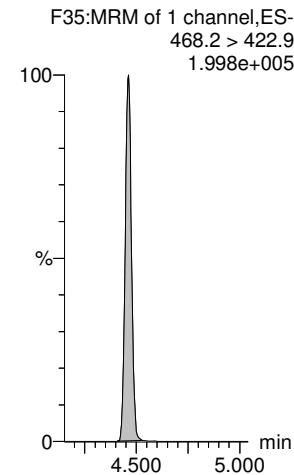
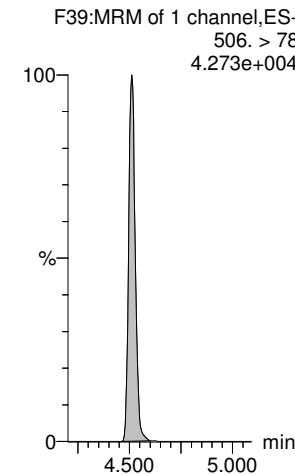
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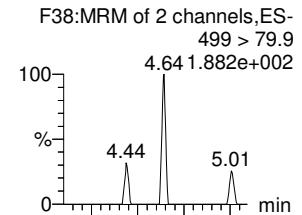
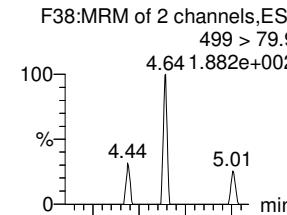
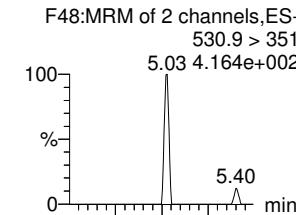
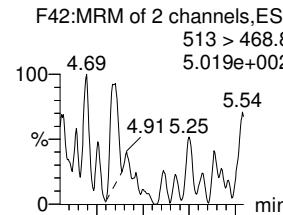
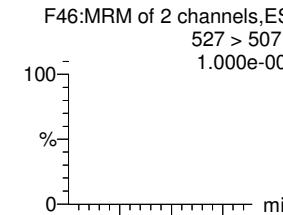
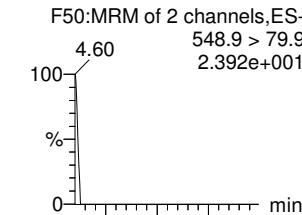
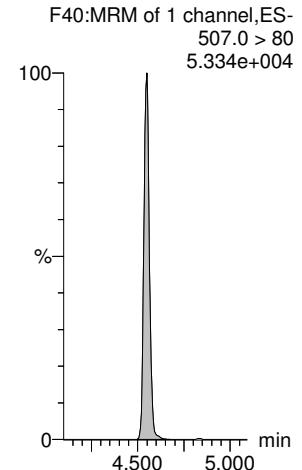
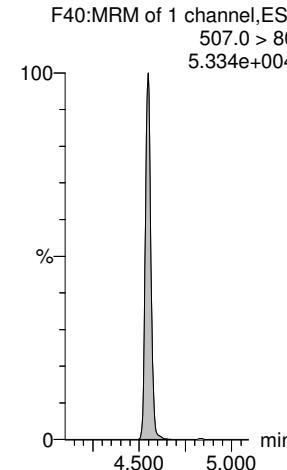
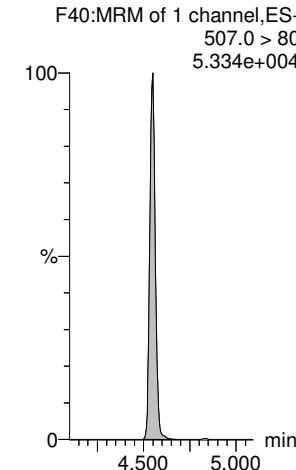
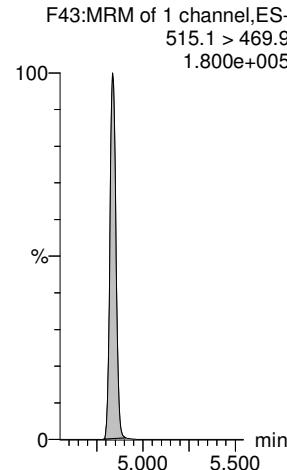
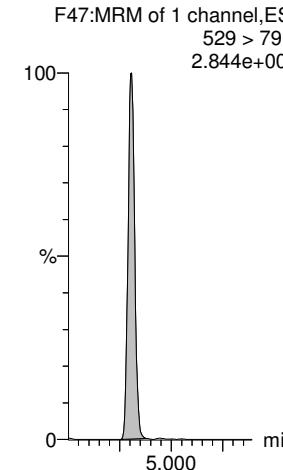
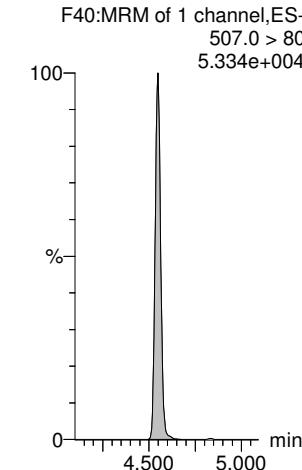
L-PFOA**Total PFOA****PFecHS****PFHpS****PFNA****PFOSA****13C2-PFOA-EIS****13C2-PFOA-EIS****13C2-PFOA-EIS****13C8-PFOS-EIS****13C5-PFNA-EIS****13C8-PFOSA-EIS**

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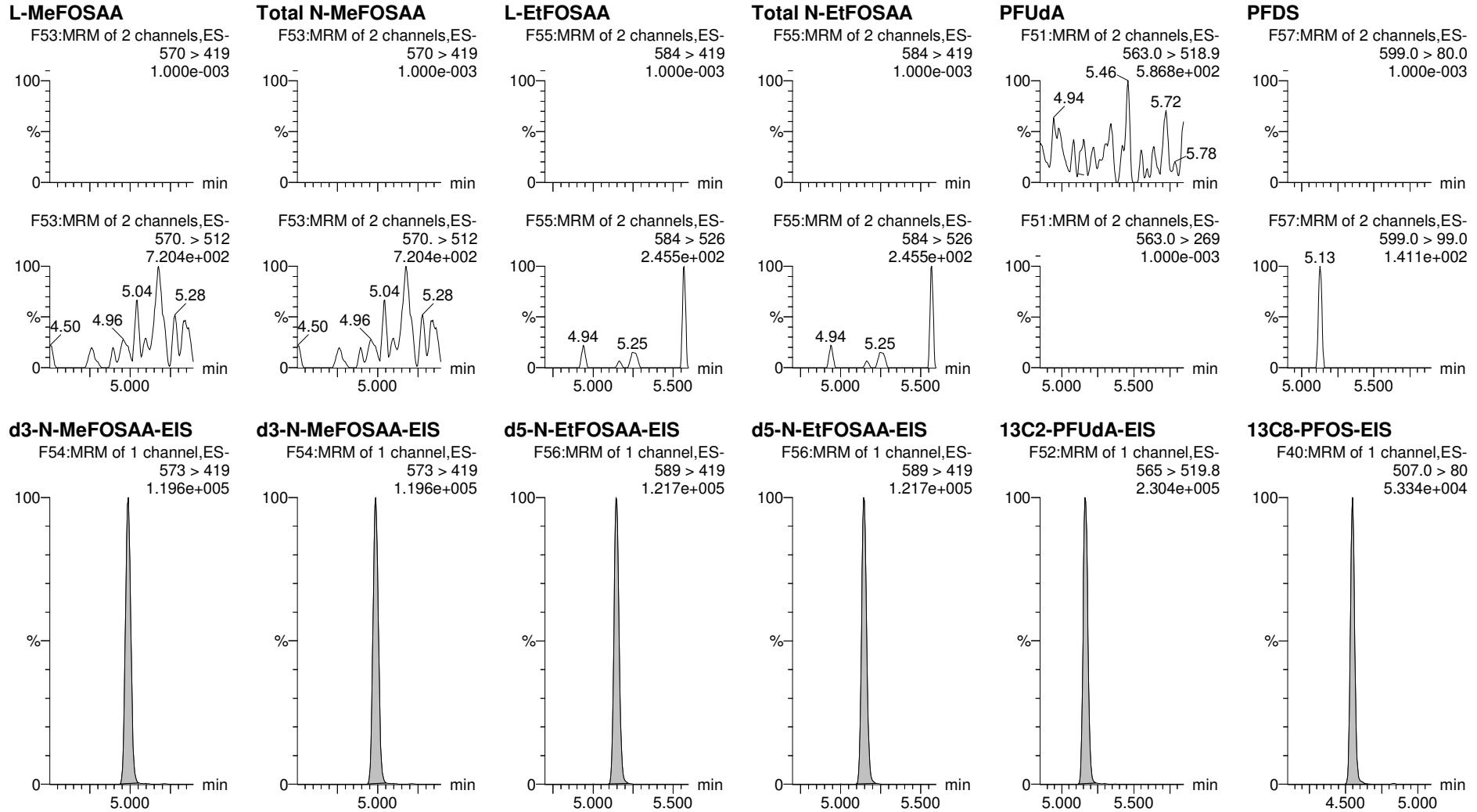
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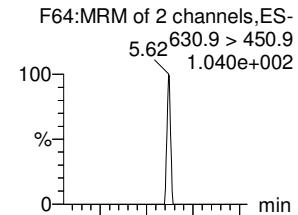
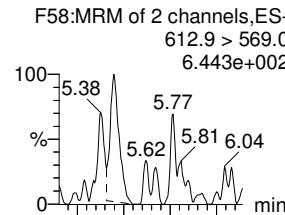
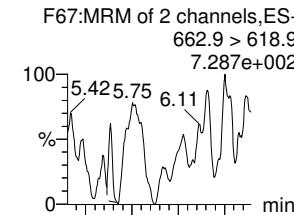
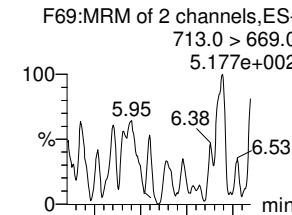
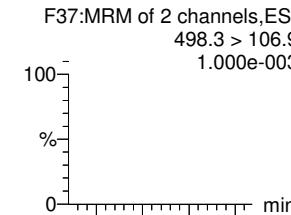
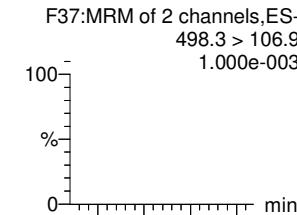
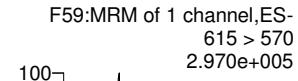
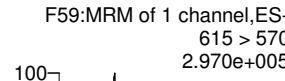
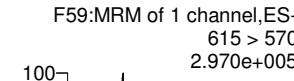
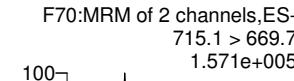
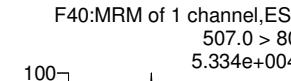
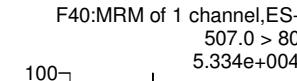


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Name: 210325M1_82, Date: 26-Mar-2021, Time: 02:46:24, ID: 2103186-04 0.24917, Description: GW2103081355GSC

11CI-PF30UdS**PFDoA****PFTrDA****PFTeDA****TDCA****TDCA****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFTeDA-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS**

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Name: 210325M1_83, Date: 26-Mar-2021, Time: 02:56:46, ID: 2103186-05 0.24826, Description: GW2103081435GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	8.148e1	2.646e3	0.248		1.16	1.16	0.385		0.881			
2	5 PFPeA	263.1 > 218.9	1.679e2	3.534e3	0.248		2.11	2.08	0.594		2.115			
3	7 PFBS	299.0 > 79.7	3.587e1	9.008e2	0.248		2.40	2.41	0.498		0.950	2.87	NO	
4	10 4:2 FTS	327.0 > 306.9		1.072e3	0.248		2.83						YES	
5	11 PFHxA	313.0 > 269.0		5.466e3	0.248		2.91						YES	
6	12 PFPeS	349.0 > 80.0		9.008e2	0.248		3.15						YES	
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.646e3		0.248	265.512	1.17	1.16	2650	12.5	40.136	79.7		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.534e3		0.248	388.348	2.11	2.11	3530	12.5	36.651	72.8		
9	53 13C3-PFBS-EIS	302.0 > 98.9	9.008e2		0.248	100.808	2.40	2.40	901	12.5	35.994	71.5		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	1.072e3		0.248	96.532	2.82	2.83	1070	12.5	44.743	88.9		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.466e3		0.248	622.011	2.91	2.91	5470	12.5	35.396	70.3		
12	53 13C3-PFBS-EIS	302.0 > 98.9	9.008e2		0.248	100.808	2.40	2.40	901	12.5	35.994	71.5		
13	-1													
14	13 HFPO-DA	285 > 169		2.564e2	0.248		3.13						YES	
15	15 PFHpA	363.0 > 318.9		3.635e3	0.248		3.52						YES	
16	16 ADONA	376.8 > 250.9		3.635e3	0.248		3.61						YES	
17	17 L-PFHxS	399 > 80.0	6.582e0	1.749e3	0.248		3.67	3.67	0.0470		0.133	0.354	YES	
18	77 Total PFHxS	399 > 80	6.582e0		0.248		3.83		0.0470		0.133			
19	19 6:2 FTS	427 > 407.0		9.099e2	0.248		3.96						YES	
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.564e2		0.248	24.857	3.13	3.13	256	12.5	41.554	82.5		
21	57 13C4-PFHxA-EIS	367.2 > 321.8	3.635e3		0.248	380.184	3.52	3.52	3640	12.5	38.513	76.5		
22	57 13C4-PFHxA-EIS	367.2 > 321.8	3.635e3		0.248	380.184	3.52	3.52	3640	12.5	38.513	76.5		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.749e3		0.248	187.592	3.67	3.67	1750	12.5	37.555	74.6		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.749e3		0.248	187.592	3.67	3.67	1750	12.5	37.555	74.6		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	9.099e2		0.248	95.748	3.97	3.96	910	12.5	38.280	76.0		
26	-1													
27	20 L-PFOA	412.8 > 368.9		6.925e3	0.248		4.02						YES	
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.248		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		6.925e3	0.248		4.04						YES	
30	23 PFHpS	448.9 > 80.0		1.881e3	0.248		4.16						YES	
31	25 PFNA	463.0 > 418.8		7.064e3	0.248		4.46						YES	
32	26 PFOSA	498.0 > 78.0		1.692e3	0.248		4.51						YES	
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.925e3		0.248	775.038	4.02	4.02	6920	12.5	35.989	71.5		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.925e3		0.248	775.038	4.02	4.02	6920	12.5	35.989	71.5		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.925e3		0.248	775.038	4.02	4.02	6920	12.5	35.989	71.5		
36	63 13C8-PFOS-EIS	507.0 > 80	1.881e3		0.248	214.550	4.55	4.55	1880	12.5	35.306	70.1		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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Name: 210325M1_83, Date: 26-Mar-2021, Time: 02:56:46, ID: 2103186-05 0.24826, Description: GW2103081435GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	7.064e3		0.248	788.455	4.46	4.46	7060	12.5	36.090	71.7		
38	61 13C8-PFOSA-EIS	506. > 78	1.692e3		0.248	263.334	4.51	4.51	1690	12.5	25.887	51.4		
39	-1													
40	27 L-PFOS	499 > 79.9	4.141e1	1.881e3	0.248		4.55	4.45	0.275		0.970		2.86	NO
41	79 Total PFOS	499 > 79.9	4.141e1		0.248		4.73		0.275		0.970			
42	29 9Cl-PF30NS	530.9>351		1.881e3	0.248		4.76							YES
43	30 PFDA	513 > 468.8		6.543e3	0.248		4.84							YES
44	31 8:2 FTS	527 > 507.0		9.756e2	0.248		4.81							YES
45	32 PFNS	548.9 > 79.9		1.881e3	0.248		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.881e3		0.248	214.550	4.55	4.55	1880	12.5	35.306	70.1		
47	63 13C8-PFOS-EIS	507.0 > 80	1.881e3		0.248	214.550	4.55	4.55	1880	12.5	35.306	70.1		
48	63 13C8-PFOS-EIS	507.0 > 80	1.881e3		0.248	214.550	4.55	4.55	1880	12.5	35.306	70.1		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.543e3		0.248	768.980	4.84	4.84	6540	12.5	34.275	68.1		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.756e2		0.248	117.592	4.81	4.81	976	12.5	33.420	66.4		
51	63 13C8-PFOS-EIS	507.0 > 80	1.881e3		0.248	214.550	4.55	4.55	1880	12.5	35.306	70.1		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.883e3	0.248		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.248		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		4.396e3	0.248		5.15							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.248		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		9.099e3	0.248		5.17							YES
58	38 PFDS	599.0 > 80.0		1.881e3	0.248		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.883e3		0.248	556.607	4.99	4.99	4880	12.5	35.340	70.2		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.883e3		0.248	556.607	4.99	4.99	4880	12.5	35.340	70.2		
61	68 d5-N-EtFOSAA-EIS	589 > 419	4.396e3		0.248	519.234	5.15	5.15	4400	12.5	34.103	67.7		
62	68 d5-N-EtFOSAA-EIS	589 > 419	4.396e3		0.248	519.234	5.15	5.15	4400	12.5	34.103	67.7		
63	67 13C2-PFUdA-EIS	565 > 519.8	9.099e3		0.248	1124.914	5.17	5.17	9100	12.5	32.581	64.7		
64	63 13C8-PFOS-EIS	507.0 > 80	1.881e3		0.248	214.550	4.55	4.55	1880	12.5	35.306	70.1		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		9.927e3	0.248		5.39							YES
67	41 PFDoA	612.9 > 569.0		9.927e3	0.248		5.45							YES
68	43 PFTrDA	662.9 > 618.9		9.927e3	0.248		5.70							YES
69	45 PFTeDA	713.0 > 669.0		5.148e3	0.248		5.91							YES
70	82 TDCA	498.3>106.9			0.248		4.91							YES
71	82 TDCA	498.3>106.9			0.248		4.91							YES
72	69 13C2-PFDoA-EIS	615 > 570	9.927e3		0.248	1278.054	5.46	5.45	9930	12.5	31.285	62.1		

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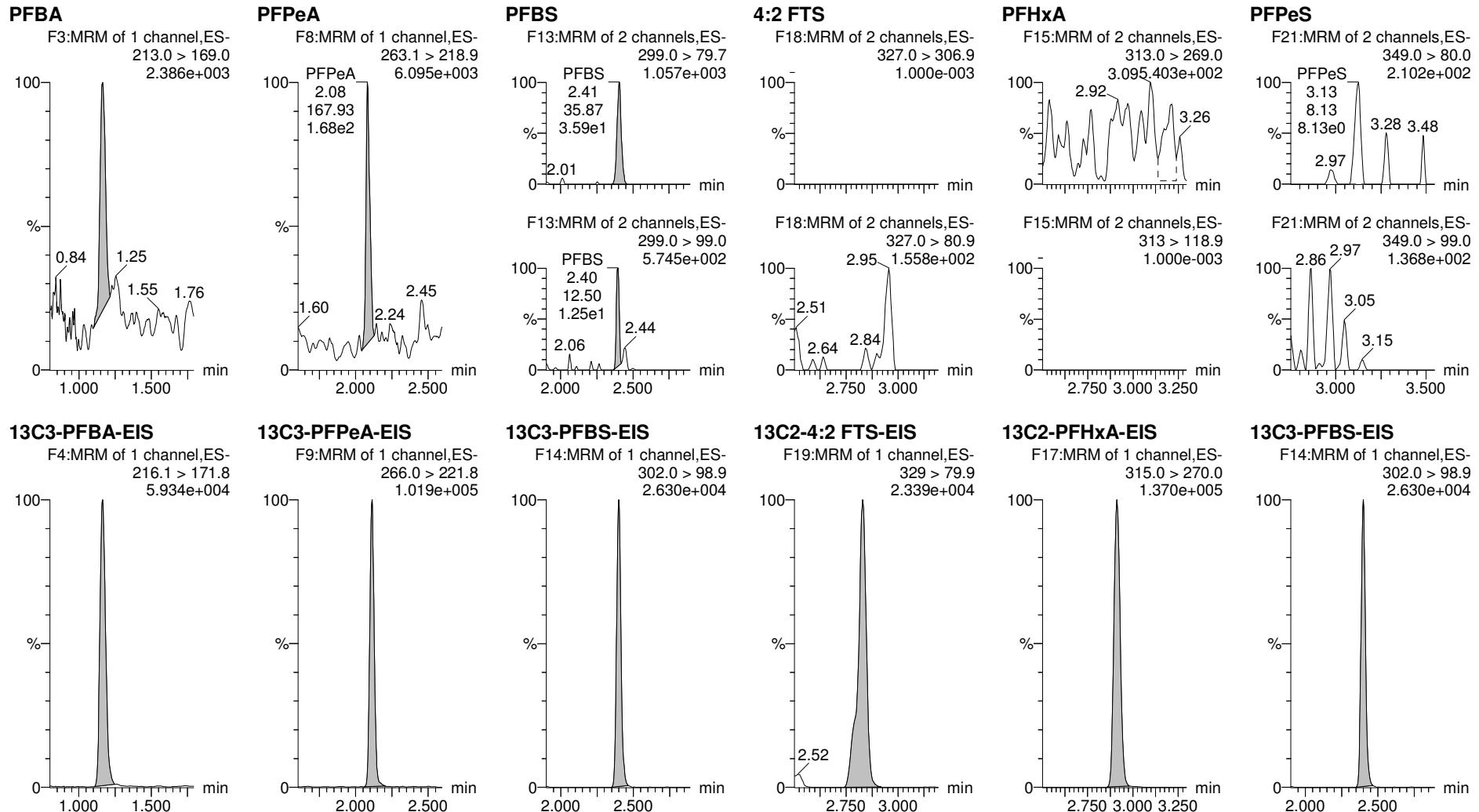
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	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	9.927e3		0.248	1278.054	5.46	5.45	9930	12.5	31.285	62.1		
74	69 13C2-PFDoA-EIS	615 > 570	9.927e3		0.248	1278.054	5.46	5.45	9930	12.5	31.285	62.1		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.148e3		0.248	860.517	5.92	5.91	5150	12.5	24.097	47.9		
76	63 13C8-PFOS-EIS	507.0 > 80	1.881e3		0.248	214.550	4.55	4.55	1880	12.5	35.306	70.1		
77	63 13C8-PFOS-EIS	507.0 > 80	1.881e3		0.248	214.550	4.55	4.55	1880	12.5	35.306	70.1		

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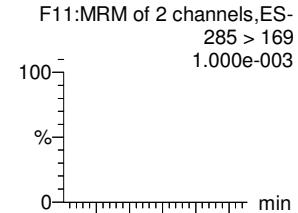
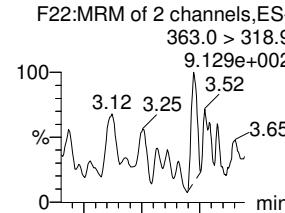
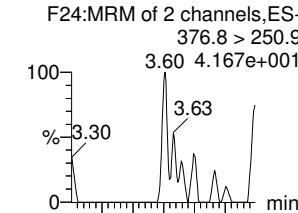
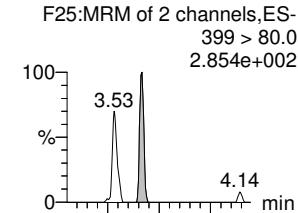
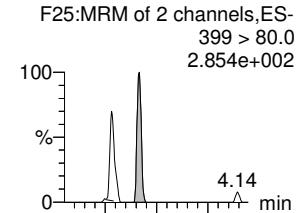
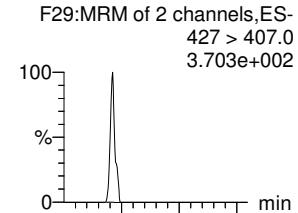
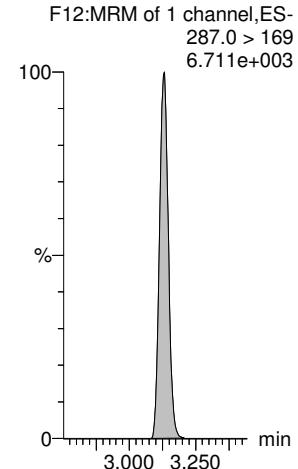
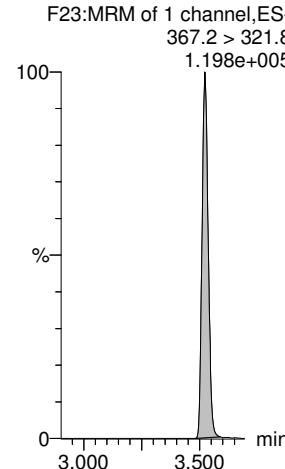
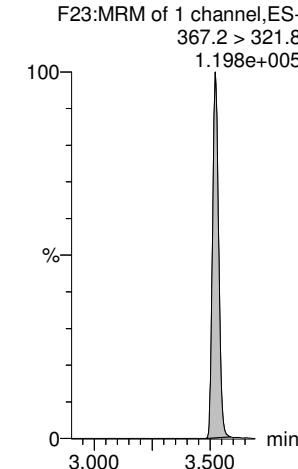
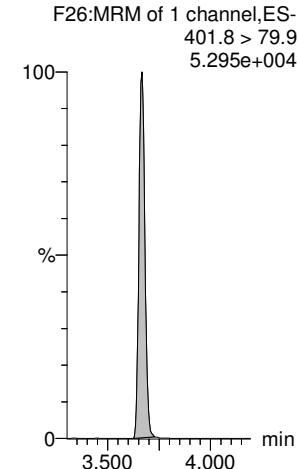
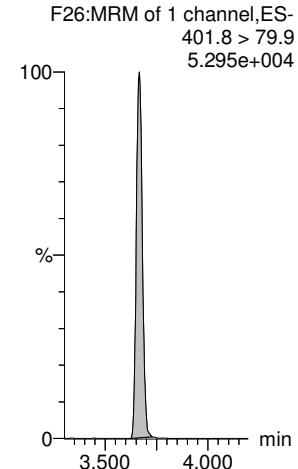
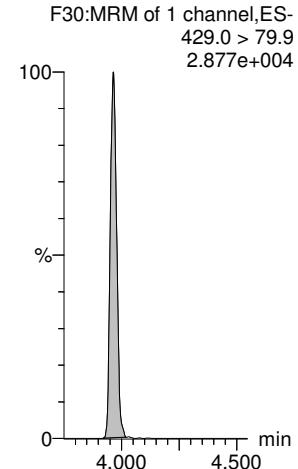
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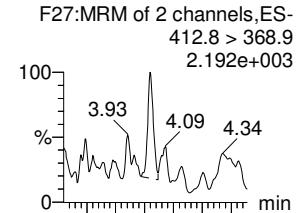
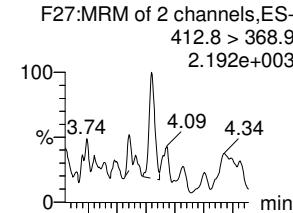
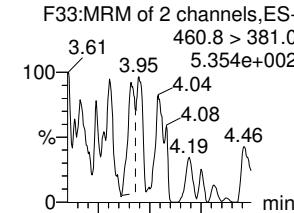
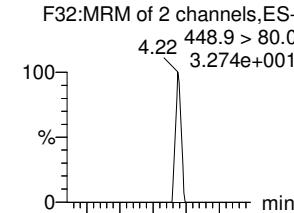
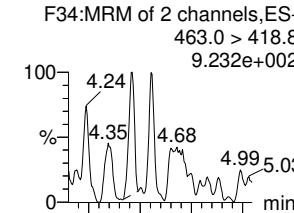
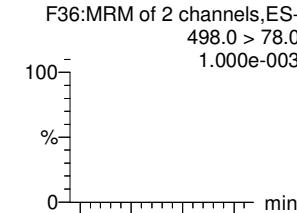
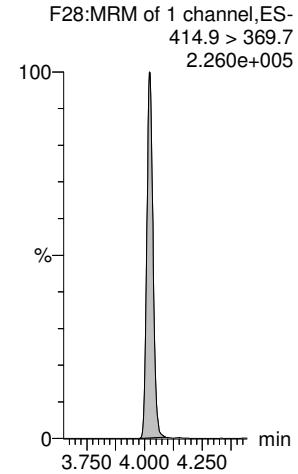
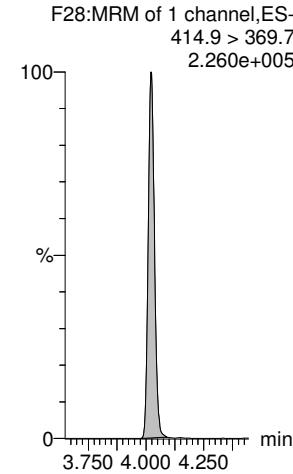
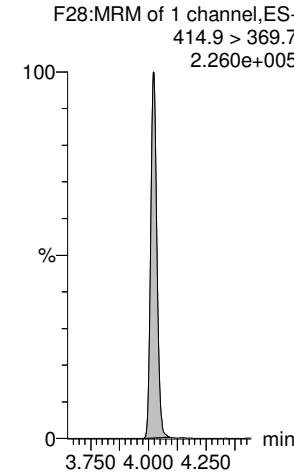
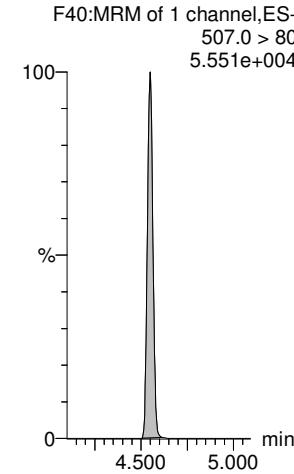
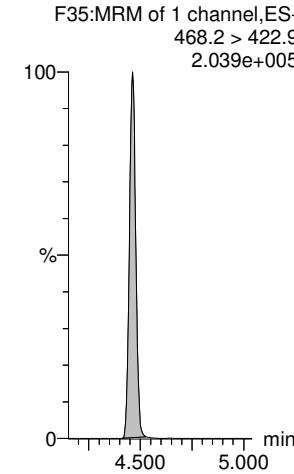
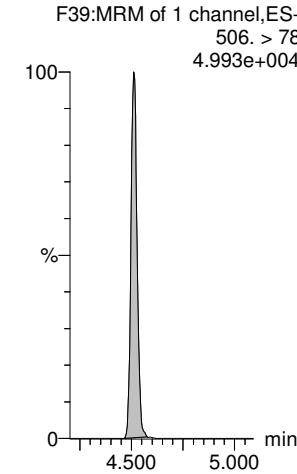
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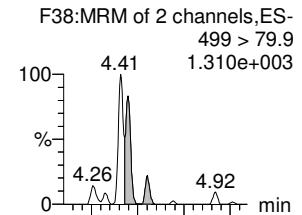
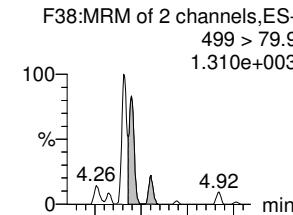
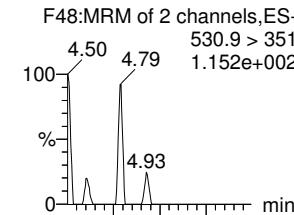
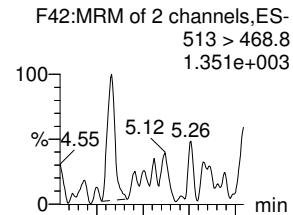
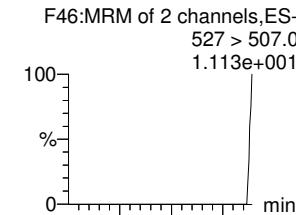
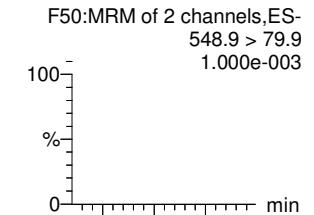
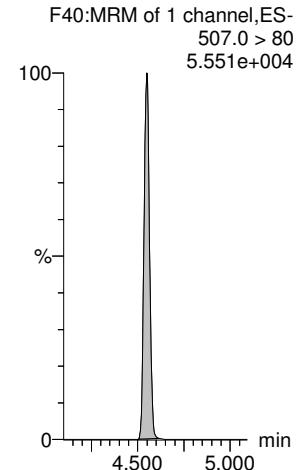
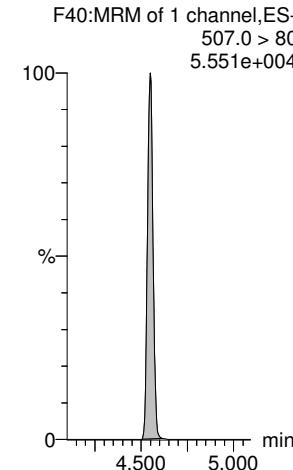
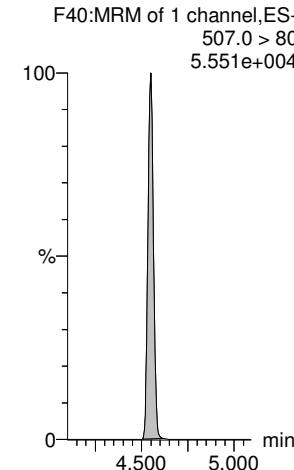
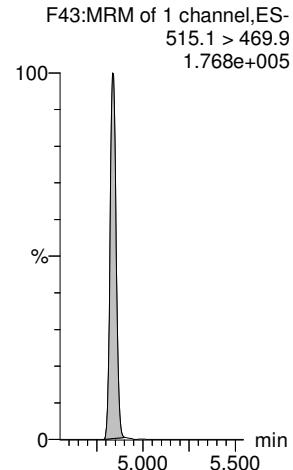
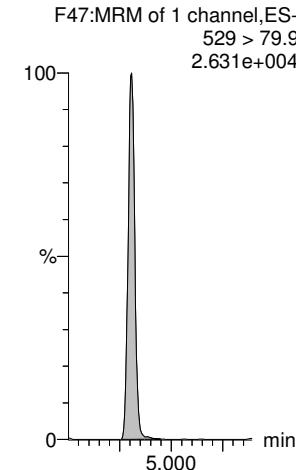
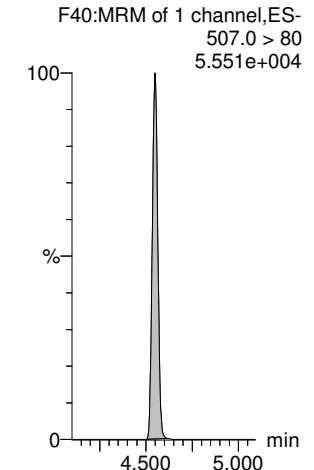
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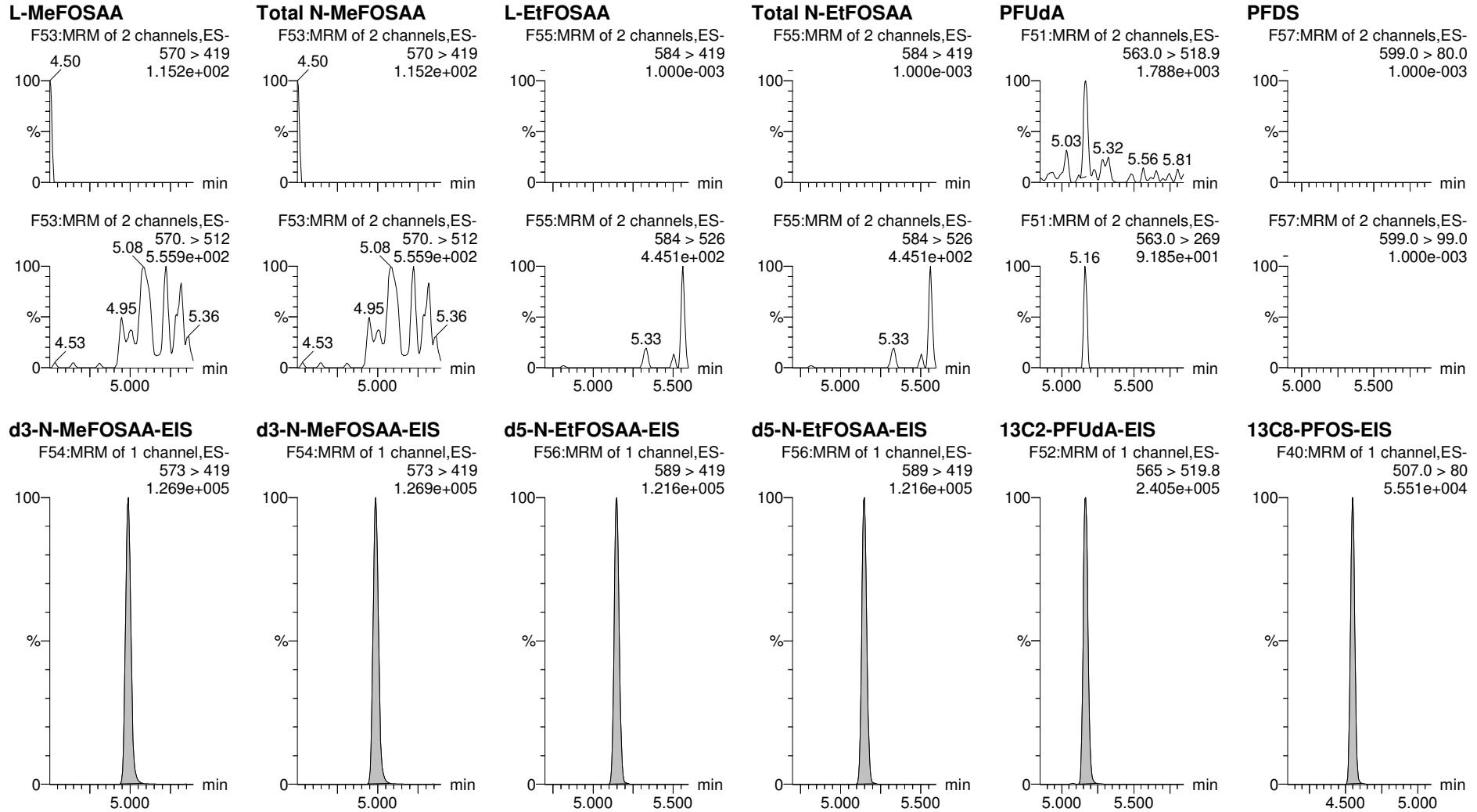
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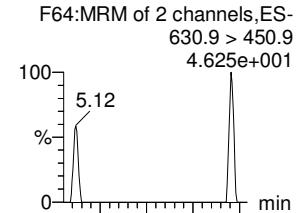
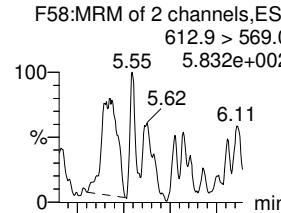
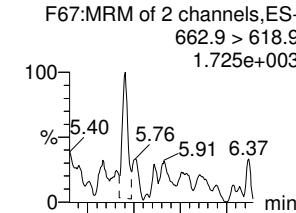
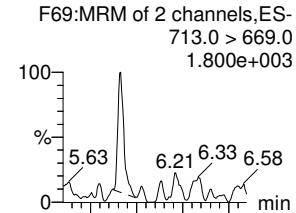
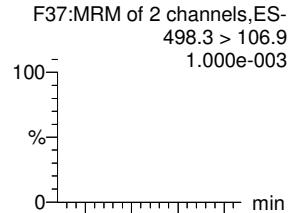
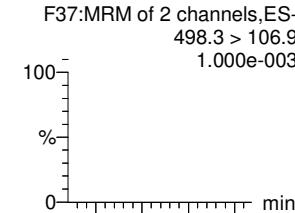
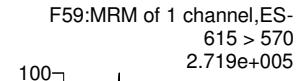
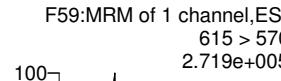
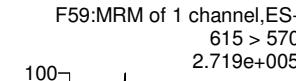
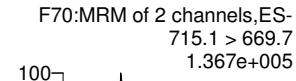
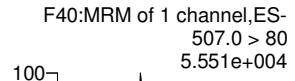
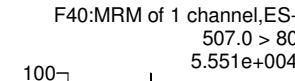


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Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:33:05 Pacific Daylight Time

Name: 210325M1_83, Date: 26-Mar-2021, Time: 02:56:46, ID: 2103186-05 0.24826, Description: GW2103081435GSC

11CI-PF30UdS**PFDoA****PFTrDA****PFTeDA****TDCA****TDCA****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFTeDA-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS**

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:34:18 Pacific Daylight Time

Name: 210325M1_84, Date: 26-Mar-2021, Time: 03:07:09, ID: 2103186-06 0.25533, Description: GW2103081610GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0		2.647e3	0.255		1.16							
2	5 PFPeA	263.1 > 218.9		3.339e3	0.255		2.11							
3	7 PFBS	299.0 > 79.7		9.156e2	0.255		2.40							YES
4	10 4:2 FTS	327.0 > 306.9		9.776e2	0.255		2.83							YES
5	11 PFHxA	313.0 > 269.0		5.519e3	0.255		2.91							YES
6	12 PFPeS	349.0 > 80.0		9.156e2	0.255		3.15							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.647e3		0.255	265.512	1.17	1.16	2650	12.5	39.044	79.8		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.339e3		0.255	388.348	2.11	2.11	3340	12.5	33.675	68.8		
9	53 13C3-PFBS-EIS	302.0 > 98.9	9.156e2		0.255	100.808	2.40	2.40	916	12.5	35.574	72.7		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	9.776e2		0.255	96.532	2.82	2.83	978	12.5	39.662	81.0		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.519e3		0.255	622.011	2.91	2.91	5520	12.5	34.751	71.0		
12	53 13C3-PFBS-EIS	302.0 > 98.9	9.156e2		0.255	100.808	2.40	2.40	916	12.5	35.574	72.7		
13	-1													
14	13 HFPO-DA	285 > 169		2.462e2	0.255		3.13							YES
15	15 PFHpA	363.0 > 318.9		3.305e3	0.255		3.52							YES
16	16 ADONA	376.8 > 250.9		3.305e3	0.255		3.61							YES
17	17 L-PFHxS	399 > 80.0		1.702e3	0.255		3.67							YES
18	77 Total PFHxs	399 > 80	0.000e0		0.255		3.83		0.000					
19	19 6:2 FTS	427 > 407.0		8.719e2	0.255		3.96							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.462e2		0.255	24.857	3.13	3.13	246	12.5	38.784	79.2		
21	57 13C4-PFHpA-EIS	367.2 > 321.8	3.305e3		0.255	380.184	3.52	3.52	3300	12.5	34.045	69.5		
22	57 13C4-PFHpA-EIS	367.2 > 321.8	3.305e3		0.255	380.184	3.52	3.52	3300	12.5	34.045	69.5		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.702e3		0.255	187.592	3.67	3.67	1700	12.5	35.540	72.6		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.702e3		0.255	187.592	3.67	3.67	1700	12.5	35.540	72.6		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.719e2		0.255	95.748	3.97	3.96	872	12.5	35.664	72.8		
26	-1													
27	20 L-PFOA	412.8 > 368.9		6.515e3	0.255		4.02							YES
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.255		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		6.515e3	0.255		4.04							YES
30	23 PFHpS	448.9 > 80.0		1.891e3	0.255		4.16							YES
31	25 PFNA	463.0 > 418.8		6.921e3	0.255		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.666e3	0.255		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.515e3		0.255	775.038	4.02	4.02	6520	12.5	32.922	67.2		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.515e3		0.255	775.038	4.02	4.02	6520	12.5	32.922	67.2		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.515e3		0.255	775.038	4.02	4.02	6520	12.5	32.922	67.2		
36	63 13C8-PFOS-EIS	507.0 > 80	1.891e3		0.255	214.550	4.55	4.55	1890	12.5	34.527	70.5		

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Printed: Monday, March 29, 2021 08:34:18 Pacific Daylight Time

Name: 210325M1_84, Date: 26-Mar-2021, Time: 03:07:09, ID: 2103186-06 0.25533, Description: GW2103081610GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	6.921e3		0.255	788.455	4.46	4.46	6920	12.5	34.379	70.2		
38	61 13C8-PFOSA-EIS	506. > 78	1.666e3		0.255	263.334	4.51	4.51	1670	12.5	24.783	50.6		
39	-1													
40	27 L-PFOS	499 > 79.9		1.891e3	0.255		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.255		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.891e3	0.255		4.76							YES
43	30 PFDA	513 > 468.8		6.603e3	0.255		4.84							YES
44	31 8:2 FTS	527 > 507.0		9.869e2	0.255		4.81							YES
45	32 PFNS	548.9 > 79.9		1.891e3	0.255		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.891e3		0.255	214.550	4.55	4.55	1890	12.5	34.527	70.5		
47	63 13C8-PFOS-EIS	507.0 > 80	1.891e3		0.255	214.550	4.55	4.55	1890	12.5	34.527	70.5		
48	63 13C8-PFOS-EIS	507.0 > 80	1.891e3		0.255	214.550	4.55	4.55	1890	12.5	34.527	70.5		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.603e3		0.255	768.980	4.84	4.84	6600	12.5	33.627	68.7		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.869e2		0.255	117.592	4.81	4.81	987	12.5	32.870	67.1		
51	63 13C8-PFOS-EIS	507.0 > 80	1.891e3		0.255	214.550	4.55	4.55	1890	12.5	34.527	70.5		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.667e3	0.255		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.255		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		4.199e3	0.255		5.15							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.255		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		9.034e3	0.255		5.17							YES
58	38 PFDS	599.0 > 80.0		1.891e3	0.255		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.667e3		0.255	556.607	4.99	4.99	4670	12.5	32.835	67.1		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.667e3		0.255	556.607	4.99	4.99	4670	12.5	32.835	67.1		
61	68 d5-N-EtFOSAA-EIS	589 > 419	4.199e3		0.255	519.234	5.15	5.15	4200	12.5	31.673	64.7		
62	68 d5-N-EtFOSAA-EIS	589 > 419	4.199e3		0.255	519.234	5.15	5.15	4200	12.5	31.673	64.7		
63	67 13C2-PFUdA-EIS	565 > 519.8	9.034e3		0.255	1124.914	5.17	5.17	9030	12.5	31.454	64.2		
64	63 13C8-PFOS-EIS	507.0 > 80	1.891e3		0.255	214.550	4.55	4.55	1890	12.5	34.527	70.5		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		1.044e4	0.255		5.39							YES
67	41 PFDa	612.9 > 569.0		1.044e4	0.255		5.45							YES
68	43 PFTrDA	662.9 > 618.9		1.044e4	0.255		5.70							YES
69	45 PFTeDA	713.0 > 669.0		5.465e3	0.255		5.91							YES
70	82 TDCA	498.3>106.9			0.255		4.91							YES
71	82 TDCA	498.3>106.9			0.255		4.91							YES
72	69 13C2-PFDa-EIS	615 > 570	1.044e4		0.255	1278.054	5.46	5.45	10400	12.5	31.989	65.3		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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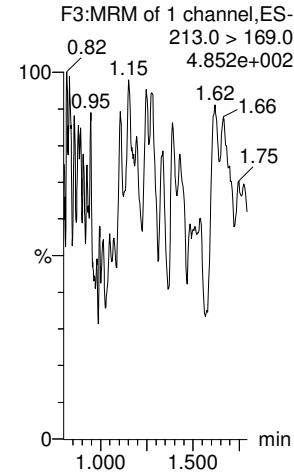
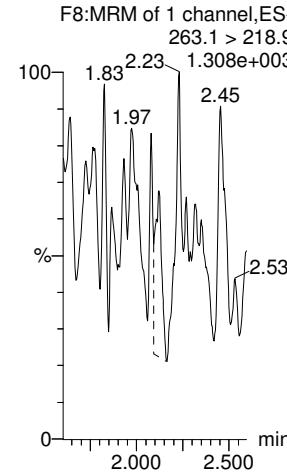
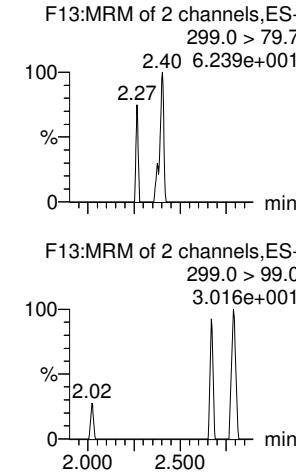
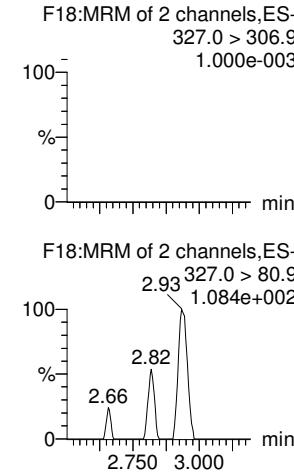
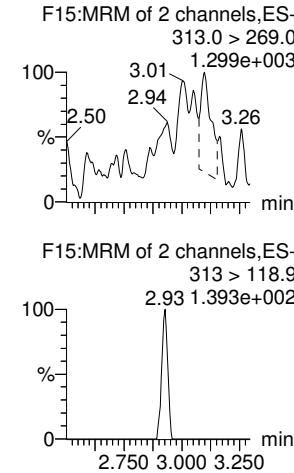
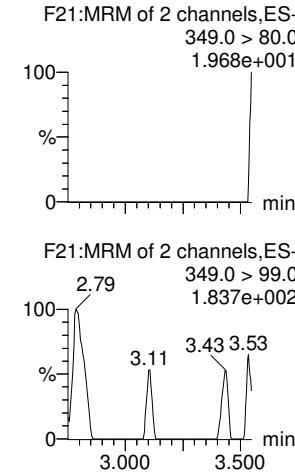
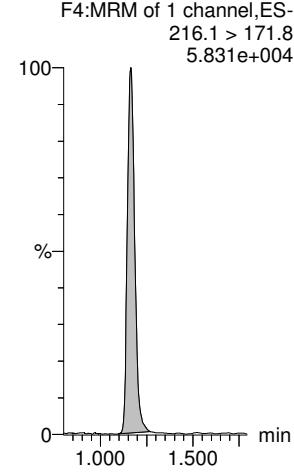
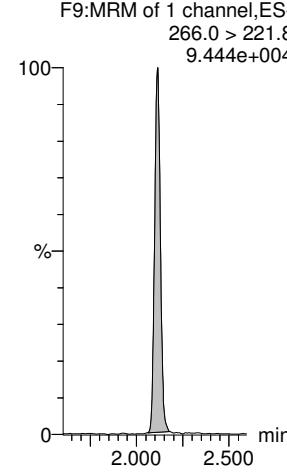
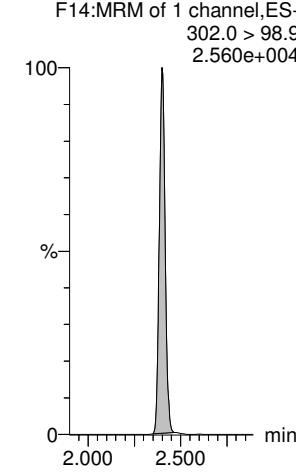
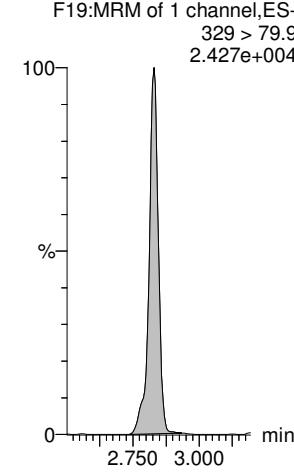
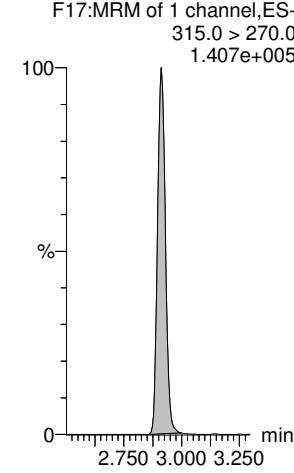
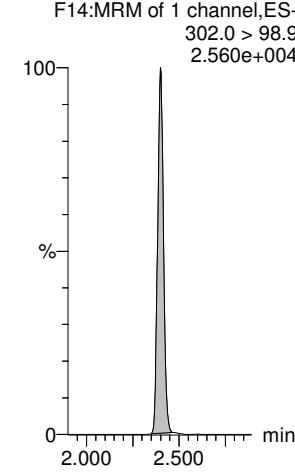
Name: 210325M1_84, Date: 26-Mar-2021, Time: 03:07:09, ID: 2103186-06 0.25533, Description: GW2103081610GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	1.044e4		0.255	1278.054	5.46	5.45	10400	12.5	31.989	65.3		
74	69 13C2-PFDoA-EIS	615 > 570	1.044e4		0.255	1278.054	5.46	5.45	10400	12.5	31.989	65.3		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.465e3		0.255	860.517	5.92	5.91	5460	12.5	24.873	50.8		
76	63 13C8-PFOS-EIS	507.0 > 80	1.891e3		0.255	214.550	4.55	4.55	1890	12.5	34.527	70.5		
77	63 13C8-PFOS-EIS	507.0 > 80	1.891e3		0.255	214.550	4.55	4.55	1890	12.5	34.527	70.5		

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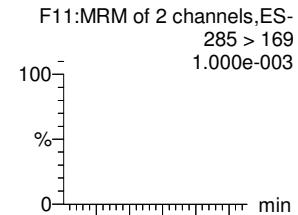
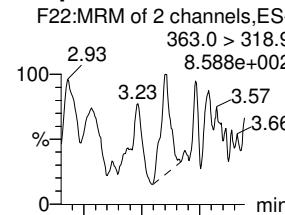
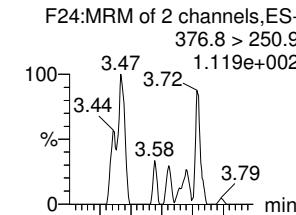
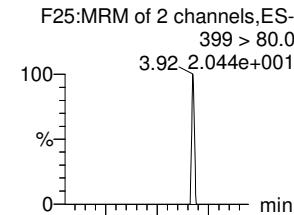
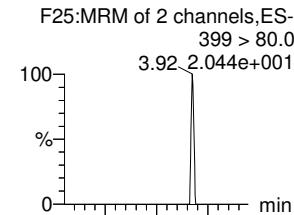
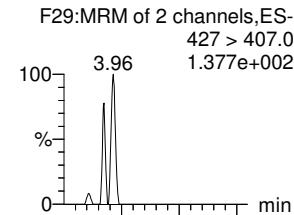
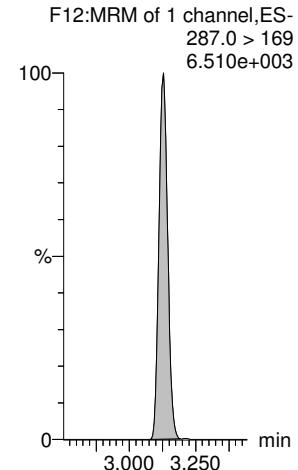
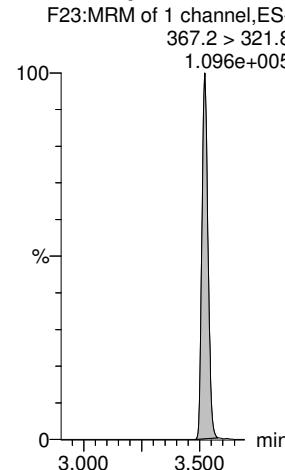
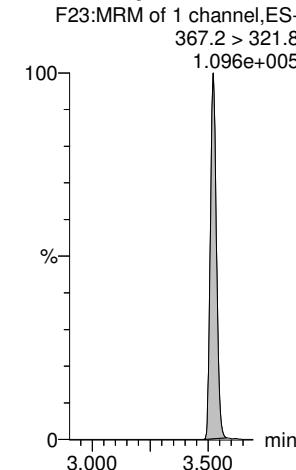
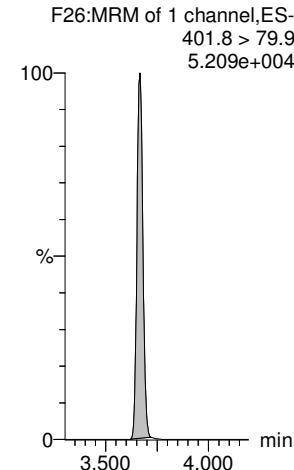
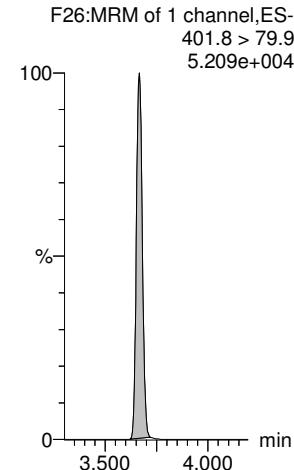
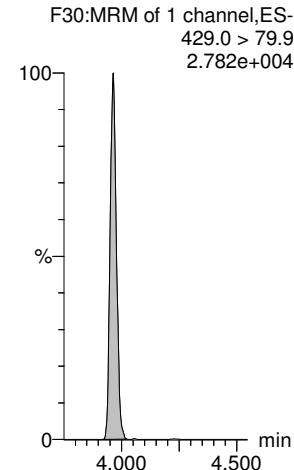
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Name: 210325M1_84, Date: 26-Mar-2021, Time: 03:07:09, ID: 2103186-06 0.25533, Description: GW2103081610GSC

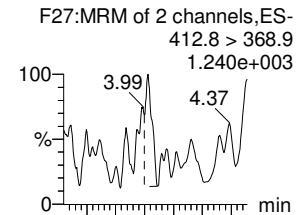
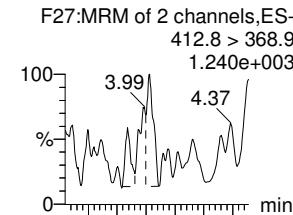
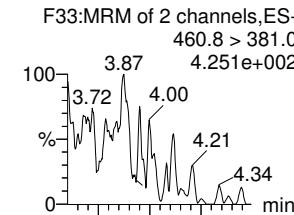
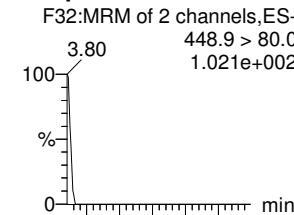
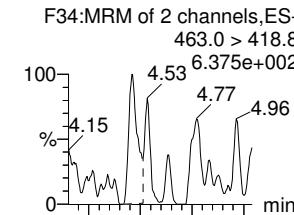
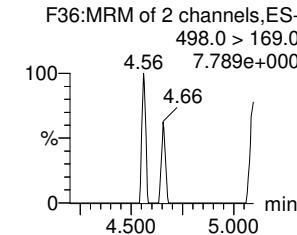
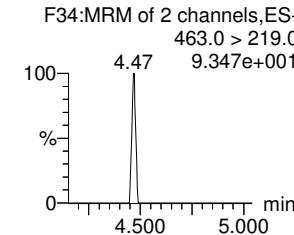
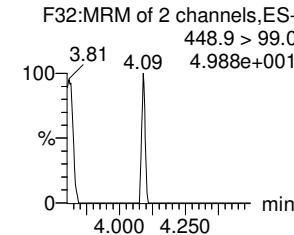
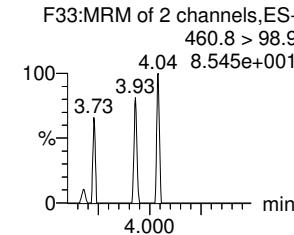
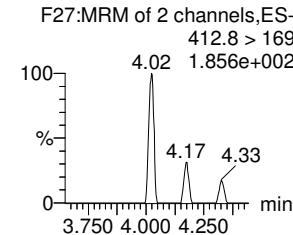
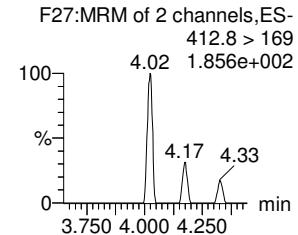
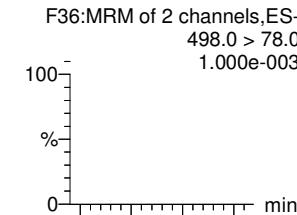
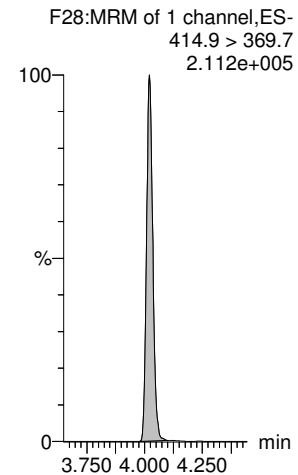
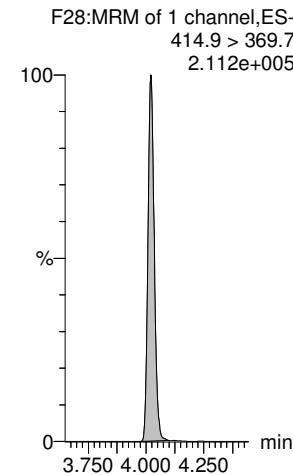
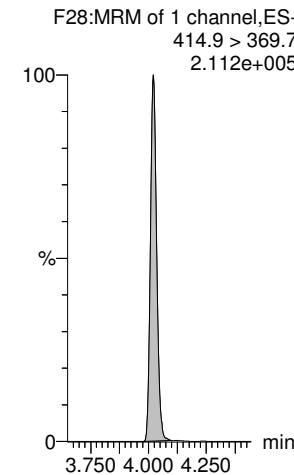
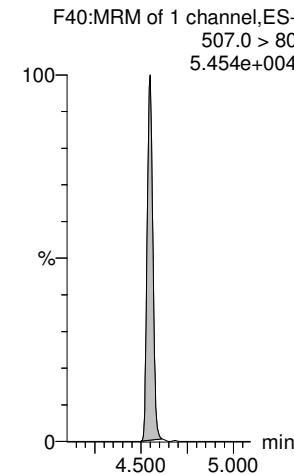
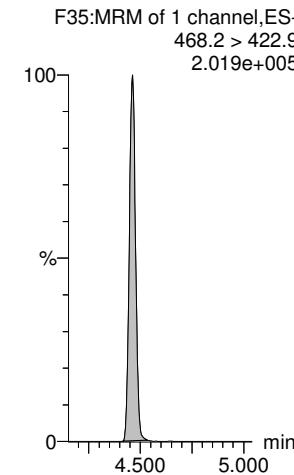
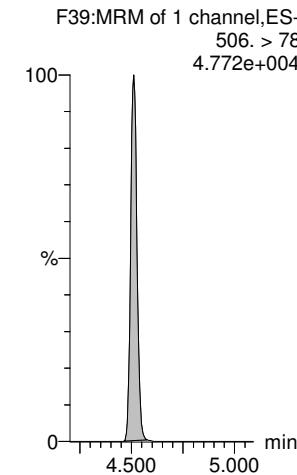
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Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

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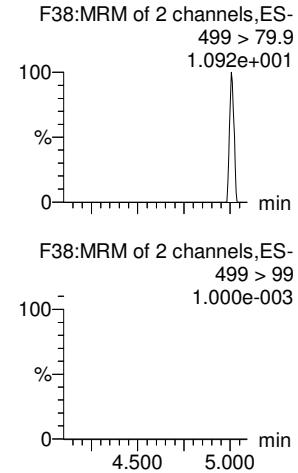
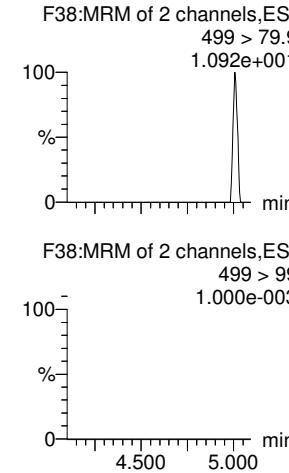
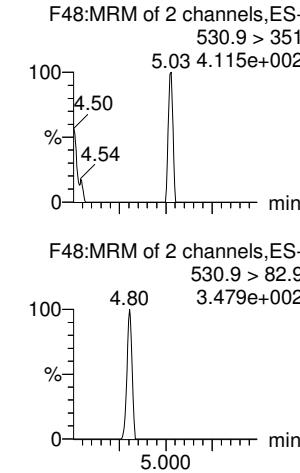
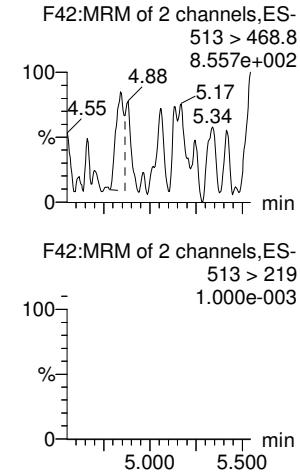
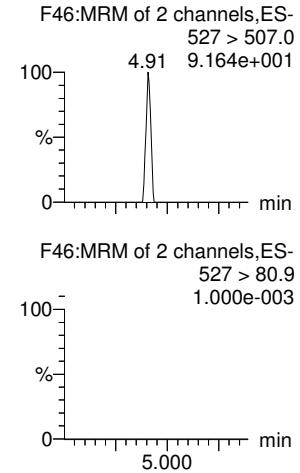
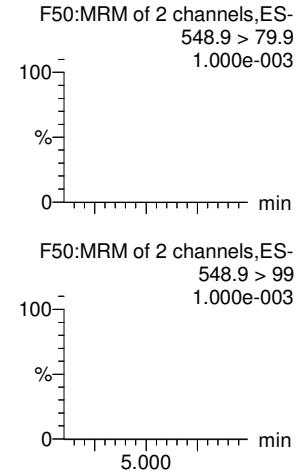
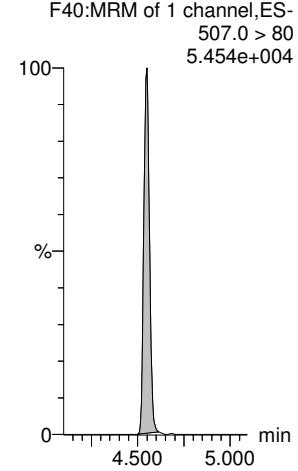
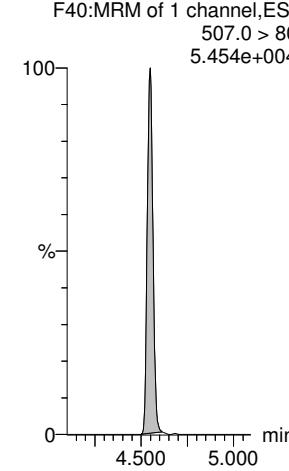
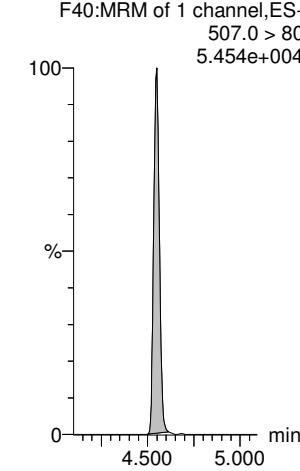
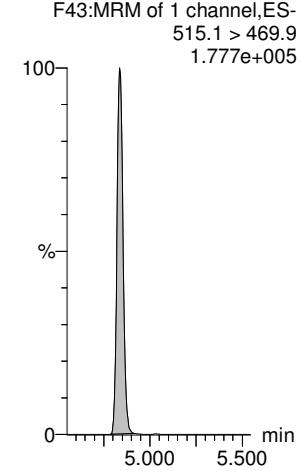
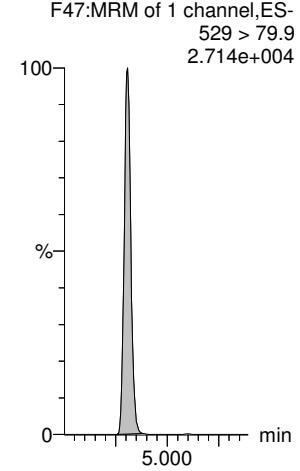
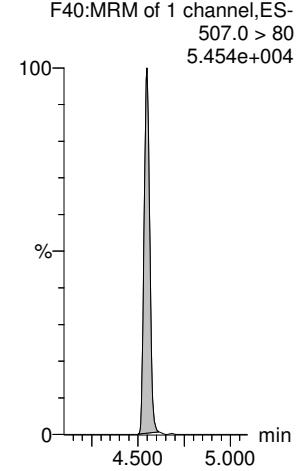
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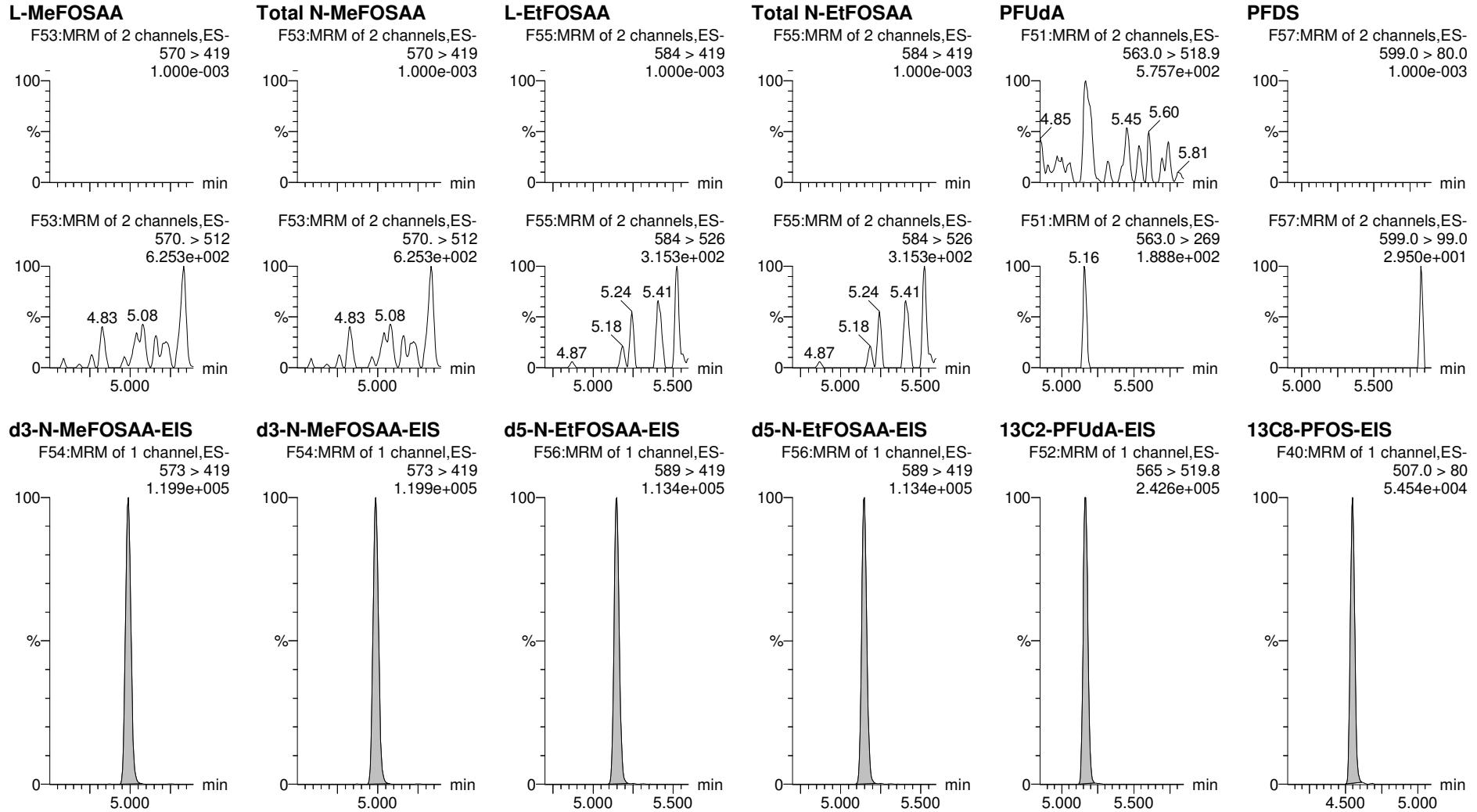
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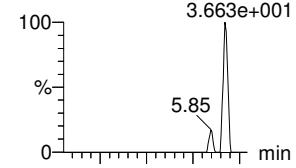
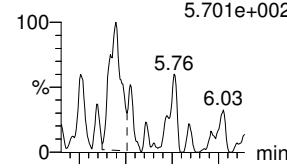
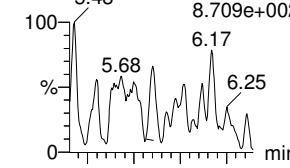
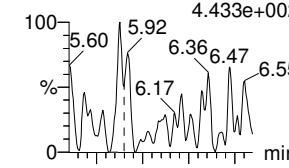
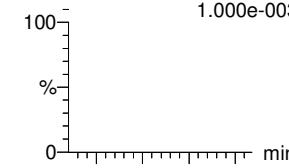
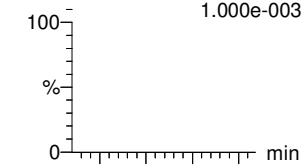
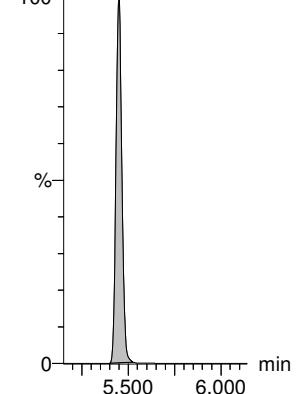
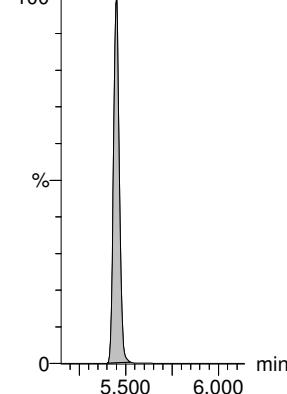
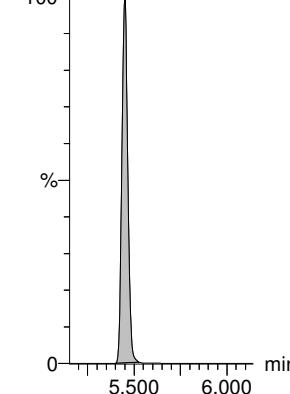
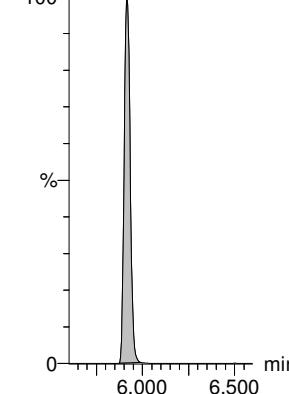
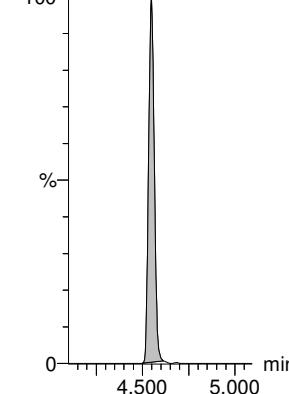
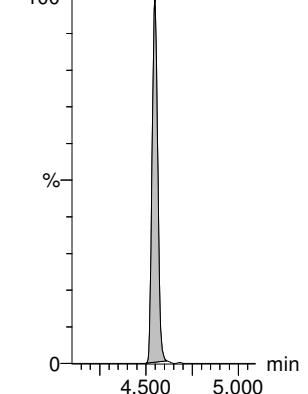


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11CI-PF30UdSF64:MRM of 2 channels,ES-
630.9 > 450.9
3.663e+001**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
5.701e+002**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
8.709e+002**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
4.433e+002**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.821e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.821e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.821e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
1.462e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
5.454e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
5.454e+004

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Name: 210325M1_85, Date: 26-Mar-2021, Time: 03:17:33, ID: 2103186-07 0.25715, Description: FB2103081600GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0		2.597e3	0.257		1.15							
2	5 PFPeA	263.1 > 218.9		3.262e3	0.257		2.11							
3	7 PFBS	299.0 > 79.7		9.292e2	0.257		2.40							YES
4	10 4:2 FTS	327.0 > 306.9		8.129e2	0.257		2.83							YES
5	11 PFHxA	313.0 > 269.0		5.523e3	0.257		2.91							YES
6	12 PFPeS	349.0 > 80.0		9.292e2	0.257		3.14							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.597e3		0.257	265.512	1.17	1.15	2600	12.5	38.036	78.2		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.262e3		0.257	388.348	2.11	2.11	3260	12.5	32.664	67.2		
9	53 13C3-PFBS-EIS	302.0 > 98.9	9.292e2		0.257	100.808	2.40	2.40	929	12.5	35.845	73.7		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	8.129e2		0.257	96.532	2.82	2.83	813	12.5	32.746	67.4		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.523e3		0.257	622.011	2.91	2.91	5520	12.5	34.529	71.0		
12	53 13C3-PFBS-EIS	302.0 > 98.9	9.292e2		0.257	100.808	2.40	2.40	929	12.5	35.845	73.7		
13	-1													
14	13 HFPO-DA	285 > 169		2.084e2	0.257		3.13							YES
15	15 PFHpA	363.0 > 318.9		3.196e3	0.257		3.52							YES
16	16 ADONA	376.8 > 250.9		3.196e3	0.257		3.61							YES
17	17 L-PFHxS	399 > 80.0		1.732e3	0.257		3.67							YES
18	77 Total PFHxs	399 > 80	0.000e0		0.257		3.83		0.000					
19	19 6:2 FTS	427 > 407.0		8.611e2	0.257		3.96							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.084e2		0.257	24.857	3.13	3.13	208	12.5	32.596	67.1		
21	57 13C4-PFHpA-EIS	367.2 > 321.8	3.196e3		0.257	380.184	3.52	3.52	3200	12.5	32.692	67.3		
22	57 13C4-PFHpA-EIS	367.2 > 321.8	3.196e3		0.257	380.184	3.52	3.52	3200	12.5	32.692	67.3		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.732e3		0.257	187.592	3.67	3.67	1730	12.5	35.903	73.9		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.732e3		0.257	187.592	3.67	3.67	1730	12.5	35.903	73.9		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.611e2		0.257	95.748	3.97	3.96	861	12.5	34.974	71.9		
26	-1													
27	20 L-PFOA	412.8 > 368.9		6.539e3	0.257		4.02							YES
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.257		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		6.539e3	0.257		4.04							YES
30	23 PFHpS	448.9 > 80.0		1.922e3	0.257		4.16							YES
31	25 PFNA	463.0 > 418.8		6.947e3	0.257		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.377e3	0.257		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.539e3		0.257	775.038	4.02	4.02	6540	12.5	32.810	67.5		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.539e3		0.257	775.038	4.02	4.02	6540	12.5	32.810	67.5		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.539e3		0.257	775.038	4.02	4.02	6540	12.5	32.810	67.5		
36	63 13C8-PFOS-EIS	507.0 > 80	1.922e3		0.257	214.550	4.55	4.55	1920	12.5	34.839	71.7		

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Name: 210325M1_85, Date: 26-Mar-2021, Time: 03:17:33, ID: 2103186-07 0.25715, Description: FB2103081600GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	6.947e3		0.257	788.455	4.46	4.46	6950	12.5	34.263	70.5		
38	61 13C8-PFOSA-EIS	506. > 78	1.377e3		0.257	263.334	4.51	4.51	1380	12.5	20.335	41.8		
39	-1													
40	27 L-PFOS	499 > 79.9		1.922e3	0.257		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.257		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.922e3	0.257		4.76							YES
43	30 PFDA	513 > 468.8		6.687e3	0.257		4.84							YES
44	31 8:2 FTS	527 > 507.0		1.141e3	0.257		4.80							YES
45	32 PFNS	548.9 > 79.9		1.922e3	0.257		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.922e3		0.257	214.550	4.55	4.55	1920	12.5	34.839	71.7		
47	63 13C8-PFOS-EIS	507.0 > 80	1.922e3		0.257	214.550	4.55	4.55	1920	12.5	34.839	71.7		
48	63 13C8-PFOS-EIS	507.0 > 80	1.922e3		0.257	214.550	4.55	4.55	1920	12.5	34.839	71.7		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.687e3		0.257	768.980	4.84	4.84	6690	12.5	33.814	69.6		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	1.141e3		0.257	117.592	4.81	4.80	1140	12.5	37.724	77.6		
51	63 13C8-PFOS-EIS	507.0 > 80	1.922e3		0.257	214.550	4.55	4.55	1920	12.5	34.839	71.7		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.459e3	0.257		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.257		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		3.841e3	0.257		5.14							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.257		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		9.025e3	0.257		5.16							YES
58	38 PFDS	599.0 > 80.0		1.922e3	0.257		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.459e3		0.257	556.607	4.99	4.99	4460	12.5	31.152	64.1		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.459e3		0.257	556.607	4.99	4.99	4460	12.5	31.152	64.1		
61	68 d5-N-EtFOSAA-EIS	589 > 419	3.841e3		0.257	519.234	5.15	5.14	3840	12.5	28.768	59.2		
62	68 d5-N-EtFOSAA-EIS	589 > 419	3.841e3		0.257	519.234	5.15	5.14	3840	12.5	28.768	59.2		
63	67 13C2-PFUdA-EIS	565 > 519.8	9.025e3		0.257	1124.914	5.17	5.16	9030	12.5	31.200	64.2		
64	63 13C8-PFOS-EIS	507.0 > 80	1.922e3		0.257	214.550	4.55	4.55	1920	12.5	34.839	71.7		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		1.054e4	0.257		5.38							YES
67	41 PFDoA	612.9 > 569.0		1.054e4	0.257		5.45							YES
68	43 PFTrDA	662.9 > 618.9		1.054e4	0.257		5.70							YES
69	45 PFTeDA	713.0 > 669.0		5.650e3	0.257		5.91							YES
70	82 TDCA	498.3>106.9			0.257		4.91							YES
71	82 TDCA	498.3>106.9			0.257		4.91							YES
72	69 13C2-PFDoA-EIS	615 > 570	1.054e4		0.257	1278.054	5.46	5.45	10500	12.5	32.068	66.0		

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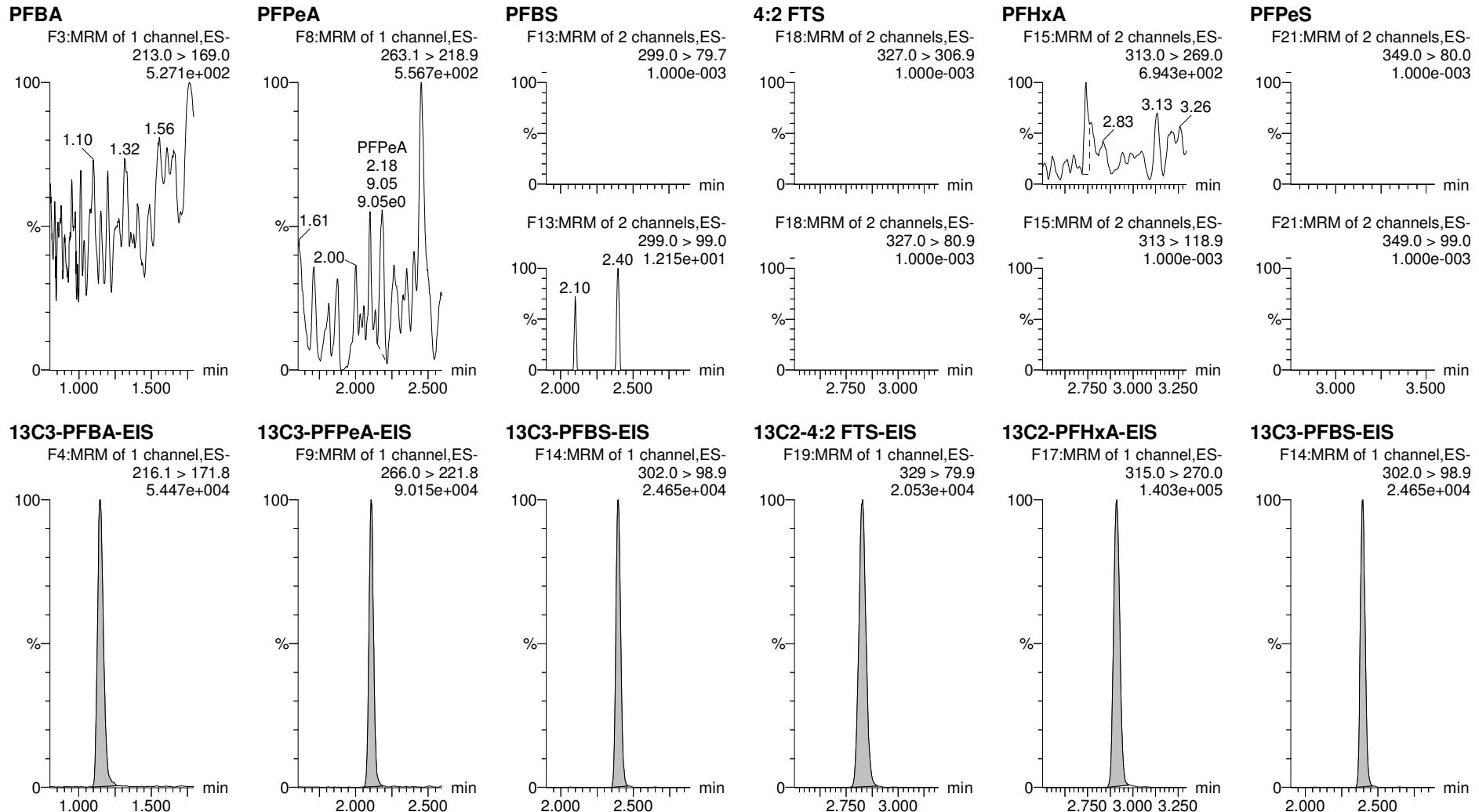
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	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	1.054e4		0.257	1278.054	5.46	5.45	10500	12.5	32.068	66.0		
74	69 13C2-PFDoA-EIS	615 > 570	1.054e4		0.257	1278.054	5.46	5.45	10500	12.5	32.068	66.0		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.650e3		0.257	860.517	5.92	5.91	5650	12.5	25.534	52.5		
76	63 13C8-PFOS-EIS	507.0 > 80	1.922e3		0.257	214.550	4.55	4.55	1920	12.5	34.839	71.7		
77	63 13C8-PFOS-EIS	507.0 > 80	1.922e3		0.257	214.550	4.55	4.55	1920	12.5	34.839	71.7		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:39:09 Pacific Daylight Time

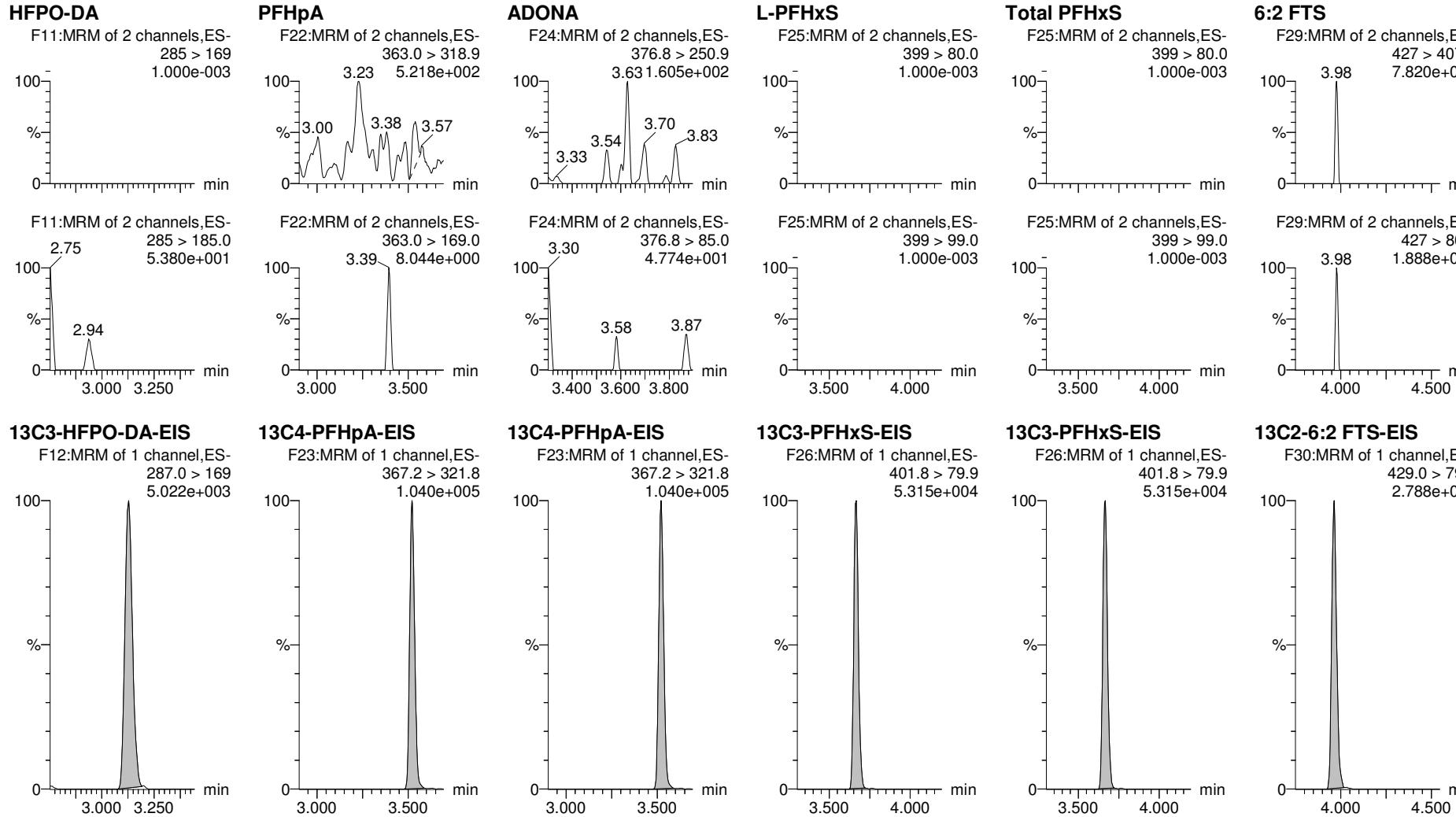
Method: Y:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** Y:\Projects\PFAS.pro\CurveDBC18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_85, **Date:** 26-Mar-2021, **Time:** 03:17:33, **ID:** 2103186-07 0.25715, **Description:** FB2103081600GSC

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:39:09 Pacific Daylight Time

Name: 210325M1_85, Date: 26-Mar-2021, Time: 03:17:33, ID: 2103186-07 0.25715, Description: FB2103081600GSC

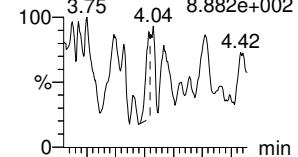
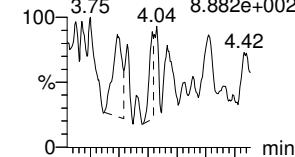
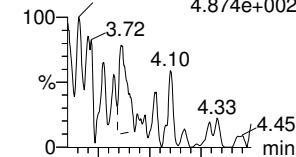
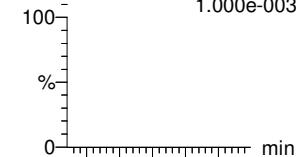
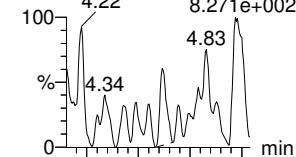
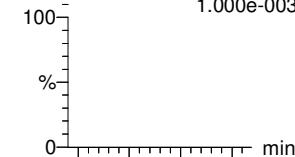
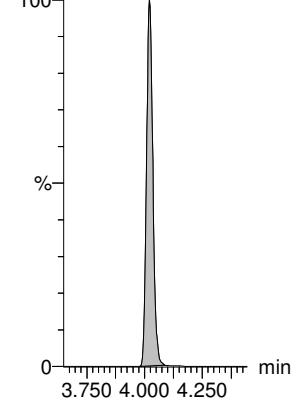
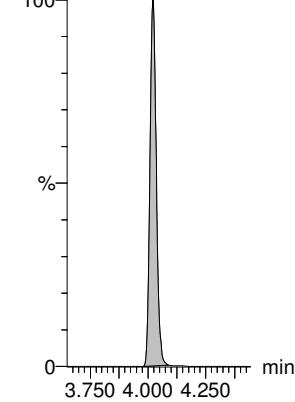
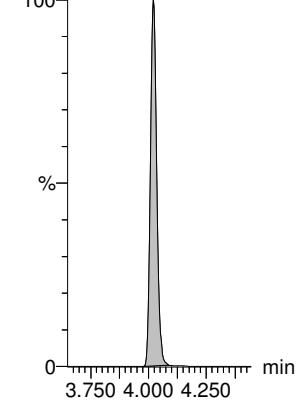
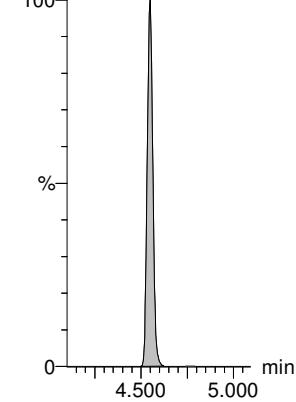
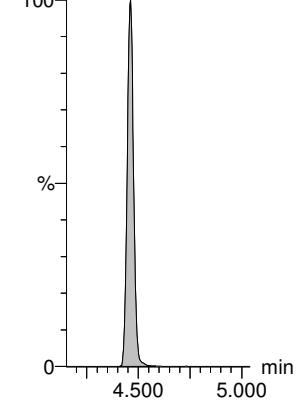
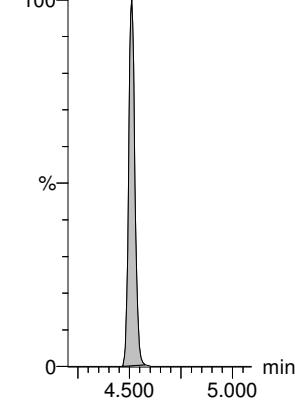


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Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:39:09 Pacific Daylight Time

Name: 210325M1_85, Date: 26-Mar-2021, Time: 03:17:33, ID: 2103186-07 0.25715, Description: FB2103081600GSC

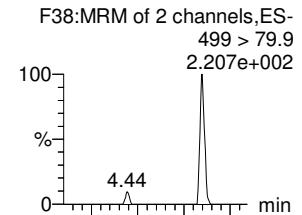
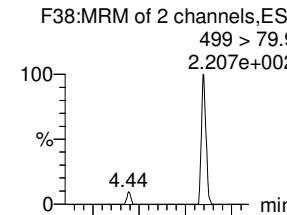
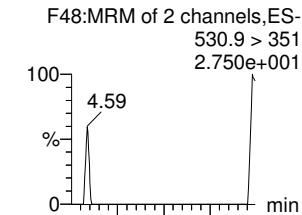
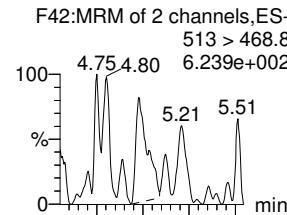
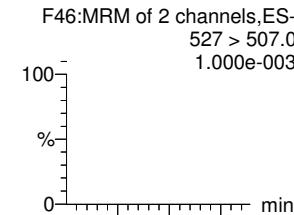
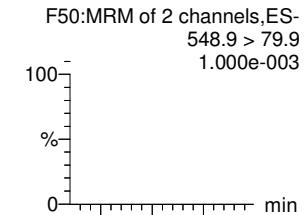
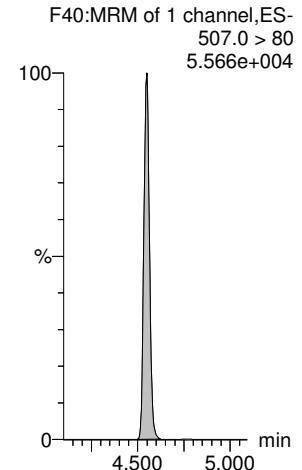
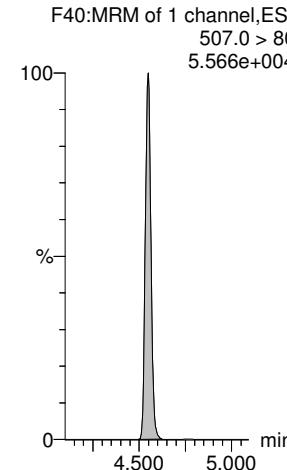
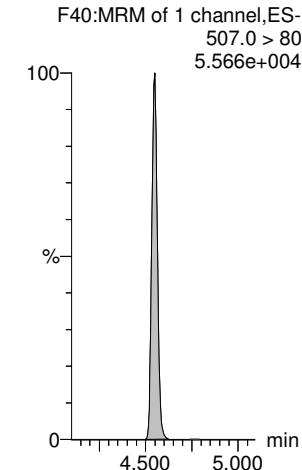
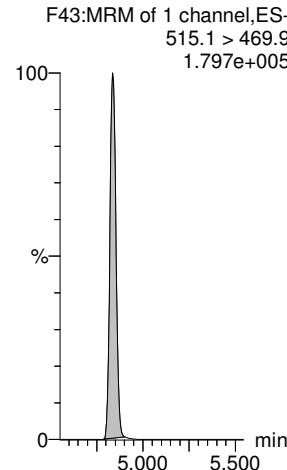
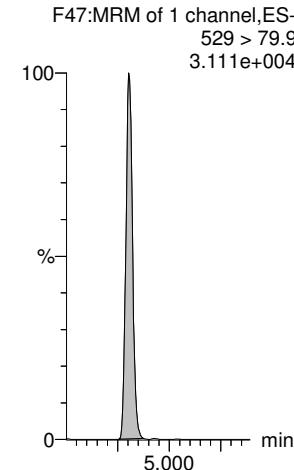
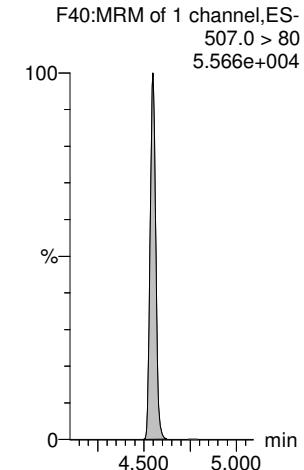
L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
1.000e+002**Total PFOA**F27:MRM of 2 channels,ES-
412.8 > 368.9
8.882e+002**PFecHS**F33:MRM of 2 channels,ES-
460.8 > 381.0
4.874e+002**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
1.000e-003**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
8.271e+002**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
1.000e-003**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.095e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.095e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.095e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
5.566e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
1.981e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
3.976e+004

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:39:09 Pacific Daylight Time

Name: 210325M1_85, Date: 26-Mar-2021, Time: 03:17:33, ID: 2103186-07 0.25715, Description: FB2103081600GSC

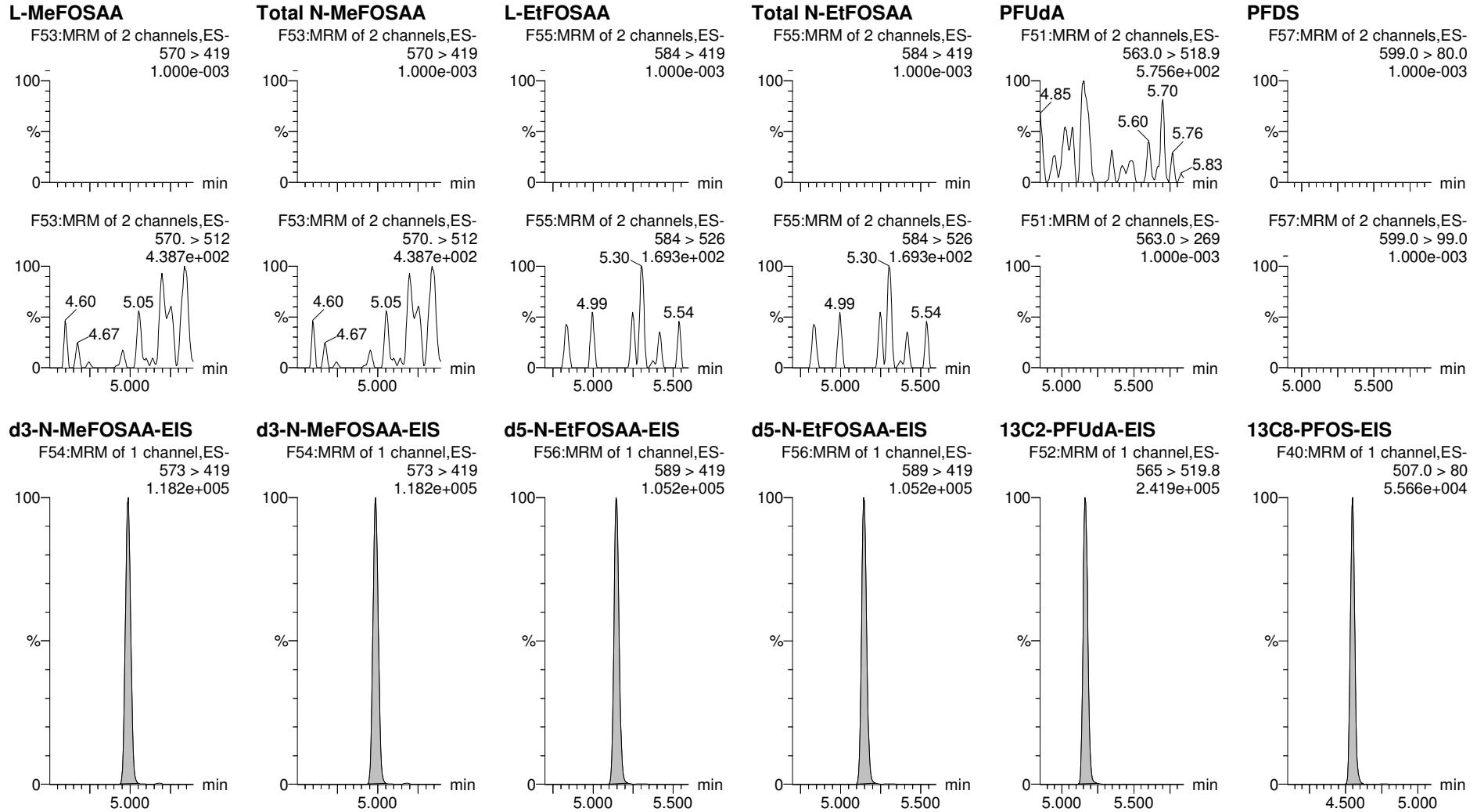
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Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-77-85.qld

Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

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Name: 210325M1_85, Date: 26-Mar-2021, Time: 03:17:33, ID: 2103186-07 0.25715, Description: FB2103081600GSC

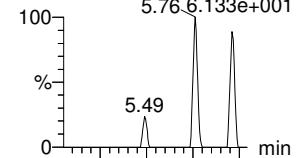
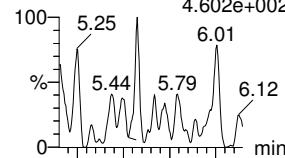
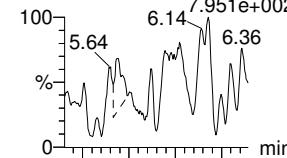
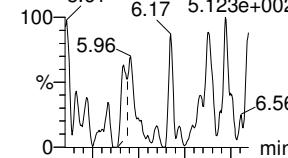
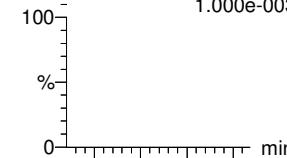
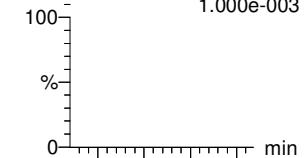
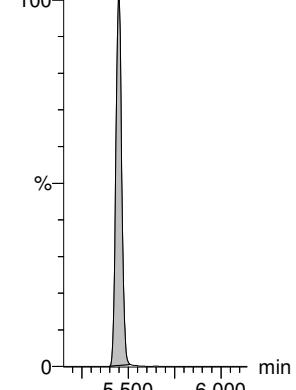
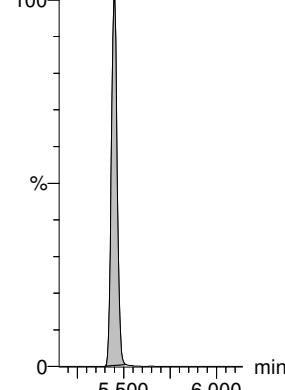
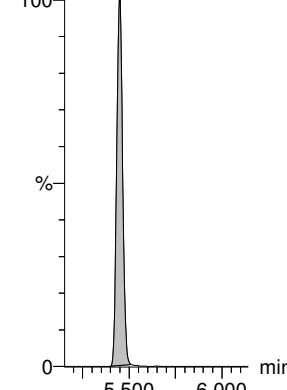
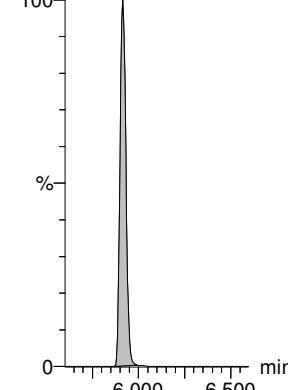
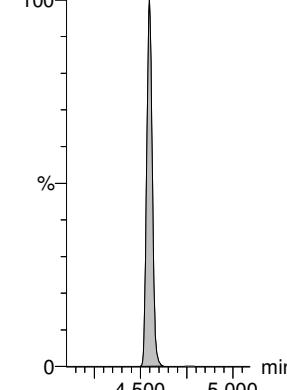
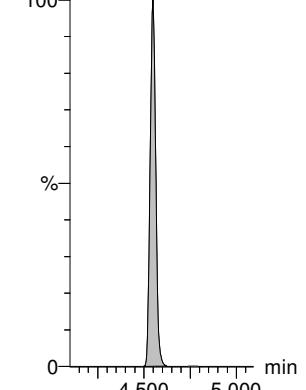


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Last Altered: Monday, March 29, 2021 08:23:04 Pacific Daylight Time

Printed: Monday, March 29, 2021 08:39:09 Pacific Daylight Time

Name: 210325M1_85, Date: 26-Mar-2021, Time: 03:17:33, ID: 2103186-07 0.25715, Description: FB2103081600GSC

11CI-PF30UdSF64:MRM of 2 channels,ES-
630.9 > 450.9
5.76 6.133e+001**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
4.602e+002**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
7.951e+002**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
5.123e+002**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.844e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.844e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.844e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
1.532e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
5.566e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
5.566e+004

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:02:49 Pacific Daylight Time

Name: 210325M1_89, Date: 26-Mar-2021, Time: 03:59:04, ID: 2103186-08 0.2479, Description: GW2103081655GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	1.906e3	2.620e3	0.248		1.16	1.16	9.09		30.446			
2	5 PFPeA	263.1 > 218.9	2.519e3	3.374e3	0.248		2.11	2.11	9.33		41.262			
3	7 PFBS	299.0 > 79.7	1.438e3	8.815e2	0.248		2.40	2.40	20.4		47.968	2.84	NO	
4	10 4:2 FTS	327.0 > 306.9		9.726e2	0.248		2.83							YES
5	11 PFHxA	313.0 > 269.0	3.973e3	5.515e3	0.248		2.91	2.92	9.01		36.030	17.9	NO	
6	12 PFPeS	349.0 > 80.0		8.815e2	0.248		3.15							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.620e3		0.248	265.512	1.17	1.16	2620	12.5	39.810	79.0		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.374e3		0.248	388.348	2.11	2.11	3370	12.5	35.043	69.5		
9	53 13C3-PFBS-EIS	302.0 > 98.9	8.815e2		0.248	100.808	2.40	2.40	881	12.5	35.273	70.0		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	9.726e2		0.248	96.532	2.82	2.83	973	12.5	40.641	80.6		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	5.515e3		0.248	622.011	2.91	2.91	5510	12.5	35.764	70.9		
12	53 13C3-PFBS-EIS	302.0 > 98.9	8.815e2		0.248	100.808	2.40	2.40	881	12.5	35.273	70.0		
13	-1													
14	13 HFPO-DA	285 > 169		2.194e2	0.248		3.13							YES
15	15 PFHpA	363.0 > 318.9	1.290e3	3.356e3	0.248		3.52	3.52	4.80		15.297	12.9	NO	
16	16 ADONA	376.8 > 250.9		3.356e3	0.248		3.61							YES
17	17 L-PFHxS	399 > 80.0	1.815e1	1.583e3	0.248		3.67	3.66	0.143		0.527	0.815	YES	
18	77 Total PFHxS	399 > 80	1.815e1		0.248		3.83		0.143		0.527			
19	19 6:2 FTS	427 > 407.0		8.644e2	0.248		3.96							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.194e2		0.248	24.857	3.13	3.13	219	12.5	35.603	70.6		
21	57 13C4-PFHpA-EIS	367.2 > 321.8	3.356e3		0.248	380.184	3.52	3.52	3360	12.5	35.607	70.6		
22	57 13C4-PFHpA-EIS	367.2 > 321.8	3.356e3		0.248	380.184	3.52	3.52	3360	12.5	35.607	70.6		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.583e3		0.248	187.592	3.67	3.67	1580	12.5	34.042	67.5		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.583e3		0.248	187.592	3.67	3.67	1580	12.5	34.042	67.5		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.644e2		0.248	95.748	3.97	3.96	864	12.5	36.416	72.2		
26	-1													
27	20 L-PFOA	412.8 > 368.9	1.233e3	6.616e3	0.248		4.02	4.02	2.33		6.872	3.92	NO	
28	78 Total PFOA	412.8 > 368.9	1.233e3		0.248		4.20		2.33		6.872			
29	22 PFecHS	460.8 > 381.0		6.616e3	0.248		4.04							YES
30	23 PFHpS	448.9 > 80.0		1.797e3	0.248		4.16							YES
31	25 PFNA	463.0 > 418.8		6.969e3	0.248		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.581e3	0.248		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.616e3		0.248	775.038	4.02	4.02	6620	12.5	34.437	68.3		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.616e3		0.248	775.038	4.02	4.02	6620	12.5	34.437	68.3		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.616e3		0.248	775.038	4.02	4.02	6620	12.5	34.437	68.3		
36	63 13C8-PFOS-EIS	507.0 > 80	1.797e3		0.248	214.550	4.55	4.55	1800	12.5	33.791	67.0		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:02:49 Pacific Daylight Time

Name: 210325M1_89, Date: 26-Mar-2021, Time: 03:59:04, ID: 2103186-08 0.2479, Description: GW2103081655GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	6.969e3		0.248	788.455	4.46	4.46	6970	12.5	35.655	70.7		
38	61 13C8-PFOSA-EIS	506. > 78	1.581e3		0.248	263.334	4.51	4.51	1580	12.5	24.211	48.0		
39	-1													
40	27 L-PFOS	499 > 79.9		1.797e3	0.248		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.248		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.797e3	0.248		4.76							YES
43	30 PFDA	513 > 468.8		6.369e3	0.248		4.84							YES
44	31 8:2 FTS	527 > 507.0		9.717e2	0.248		4.80							YES
45	32 PFNS	548.9 > 79.9		1.797e3	0.248		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.797e3		0.248	214.550	4.55	4.55	1800	12.5	33.791	67.0		
47	63 13C8-PFOS-EIS	507.0 > 80	1.797e3		0.248	214.550	4.55	4.55	1800	12.5	33.791	67.0		
48	63 13C8-PFOS-EIS	507.0 > 80	1.797e3		0.248	214.550	4.55	4.55	1800	12.5	33.791	67.0		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.369e3		0.248	768.980	4.84	4.84	6370	12.5	33.408	66.3		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.717e2		0.248	117.592	4.81	4.80	972	12.5	33.333	66.1		
51	63 13C8-PFOS-EIS	507.0 > 80	1.797e3		0.248	214.550	4.55	4.55	1800	12.5	33.791	67.0		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.650e3	0.248		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.248		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		4.048e3	0.248		5.15							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.248		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		8.925e3	0.248		5.17							YES
58	38 PFDS	599.0 > 80.0		1.797e3	0.248		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.650e3		0.248	556.607	4.99	4.99	4650	12.5	33.701	66.8		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.650e3		0.248	556.607	4.99	4.99	4650	12.5	33.701	66.8		
61	68 d5-N-EtFOSAA-EIS	589 > 419	4.048e3		0.248	519.234	5.15	5.15	4050	12.5	31.450	62.4		
62	68 d5-N-EtFOSAA-EIS	589 > 419	4.048e3		0.248	519.234	5.15	5.15	4050	12.5	31.450	62.4		
63	67 13C2-PFUdA-EIS	565 > 519.8	8.925e3		0.248	1124.914	5.17	5.17	8930	12.5	32.005	63.5		
64	63 13C8-PFOS-EIS	507.0 > 80	1.797e3		0.248	214.550	4.55	4.55	1800	12.5	33.791	67.0		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		1.011e4	0.248		5.39							YES
67	41 PFDoA	612.9 > 569.0		1.011e4	0.248		5.45							YES
68	43 PFTrDA	662.9 > 618.9		1.011e4	0.248		5.70							YES
69	45 PFTeDA	713.0 > 669.0		5.872e3	0.248		5.91							YES
70	82 TDCA	498.3>106.9			0.248		4.91							YES
71	82 TDCA	498.3>106.9			0.248		4.91							YES
72	69 13C2-PFDoA-EIS	615 > 570	1.011e4		0.248	1278.054	5.46	5.45	10100	12.5	31.900	63.3		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:02:49 Pacific Daylight Time

Name: 210325M1_89, Date: 26-Mar-2021, Time: 03:59:04, ID: 2103186-08 0.2479, Description: GW2103081655GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	1.011e4		0.248	1278.054	5.46	5.45	10100	12.5	31.900	63.3		
74	69 13C2-PFDoA-EIS	615 > 570	1.011e4		0.248	1278.054	5.46	5.45	10100	12.5	31.900	63.3		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.872e3		0.248	860.517	5.92	5.91	5870	12.5	27.526	54.6		
76	63 13C8-PFOS-EIS	507.0 > 80	1.797e3		0.248	214.550	4.55	4.55	1800	12.5	33.791	67.0		
77	63 13C8-PFOS-EIS	507.0 > 80	1.797e3		0.248	214.550	4.55	4.55	1800	12.5	33.791	67.0		

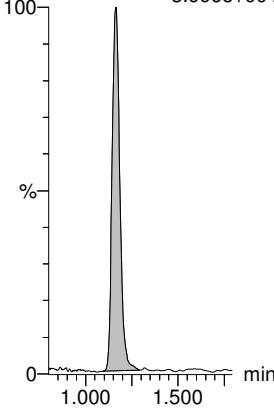
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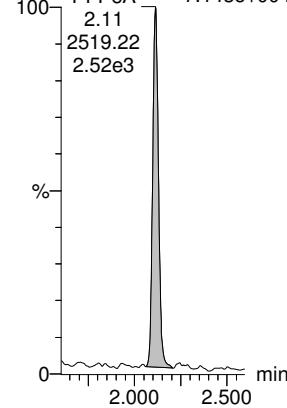
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Method: Y:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** Y:\Projects\PFAS.pro\CurveDBC18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_89, **Date:** 26-Mar-2021, **Time:** 03:59:04, **ID:** 2103186-08 0.2479, **Description:** GW2103081655GSC**PFBA**

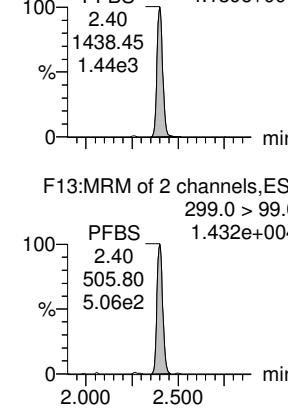
F3:MRM of 1 channel,ES-
213.0 > 169.0
3.996e+004

**PFPeA**

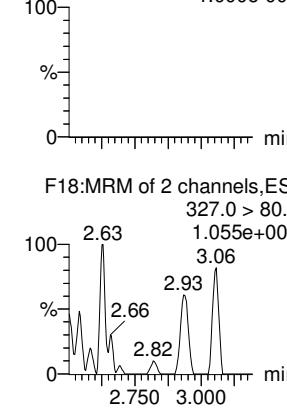
F8:MRM of 1 channel,ES-
263.1 > 218.9
7.143e+004

**PFBS**

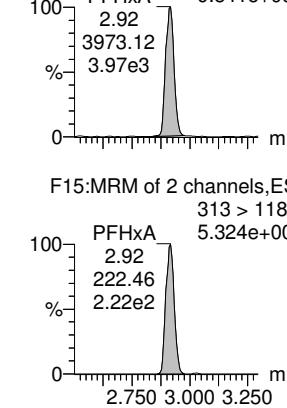
F13:MRM of 2 channels,ES-
299.0 > 79.7
4.139e+004

**4:2 FTS**

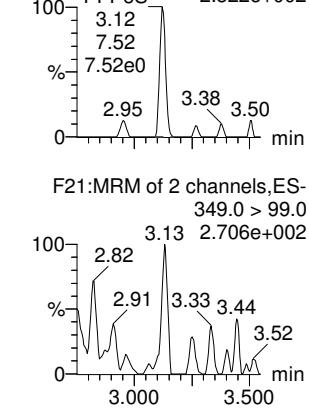
F18:MRM of 2 channels,ES-
327.0 > 306.9
1.000e-003

**PFHxA**

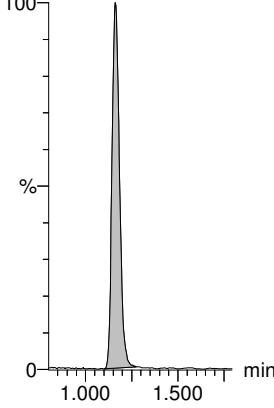
F15:MRM of 2 channels,ES-
313.0 > 269.0
9.541e+004

**PFPeS**

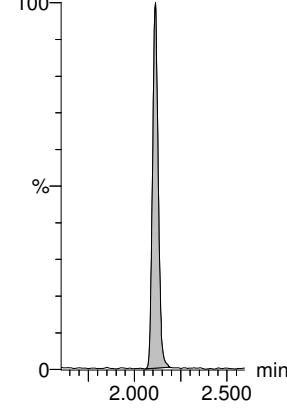
F21:MRM of 2 channels,ES-
349.0 > 80.0
2.522e+002

**13C3-PFBA-EIS**

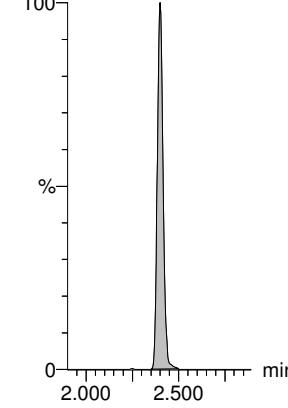
F4:MRM of 1 channel,ES-
216.1 > 171.8
5.663e+004

**13C3-PFPeA-EIS**

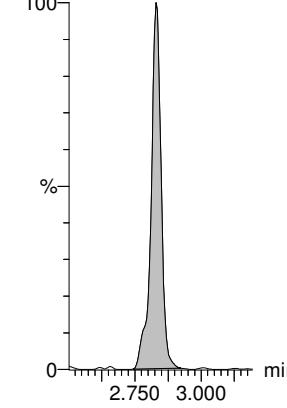
F9:MRM of 1 channel,ES-
266.0 > 221.8
9.542e+004

**13C3-PFBS-EIS**

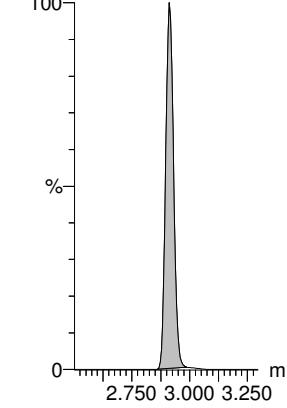
F14:MRM of 1 channel,ES-
302.0 > 98.9
2.478e+004

**13C2-4:2 FTS-EIS**

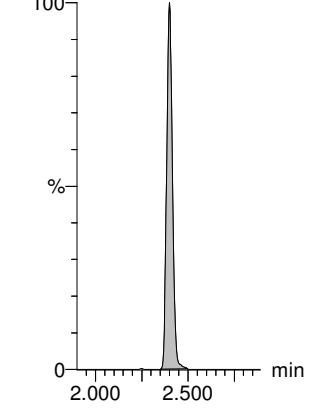
F19:MRM of 1 channel,ES-
329 > 79.9
2.227e+004

**13C2-PFHxA-EIS**

F17:MRM of 1 channel,ES-
315.0 > 270.0
1.402e+005

**13C3-PFBS-EIS**

F14:MRM of 1 channel,ES-
302.0 > 98.9
2.478e+004

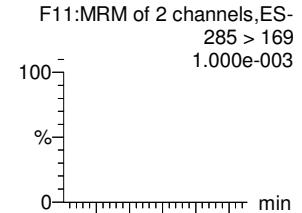
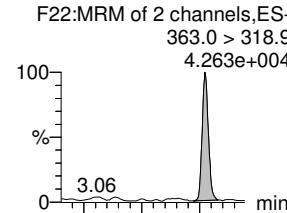
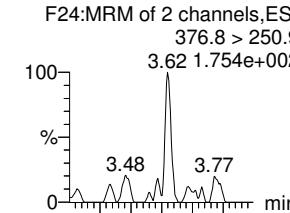
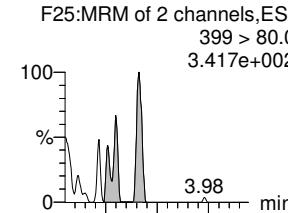
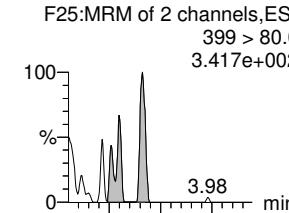
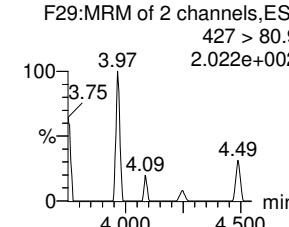
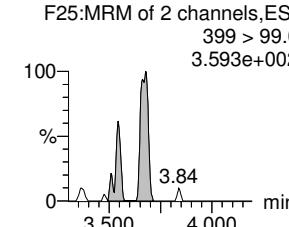
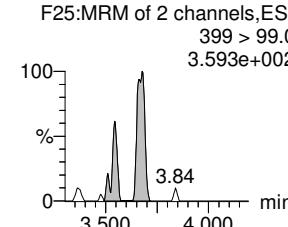
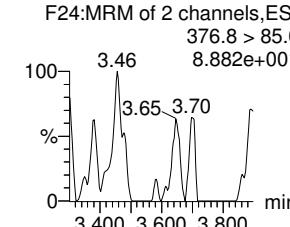
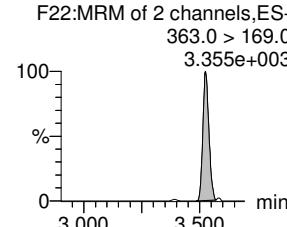
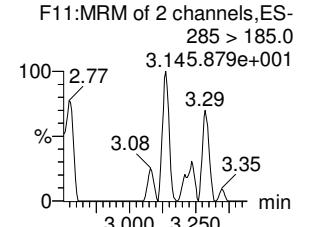
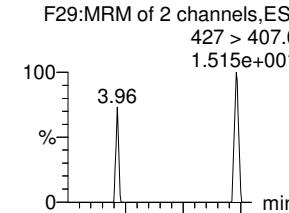
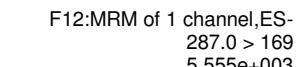
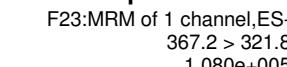
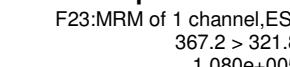
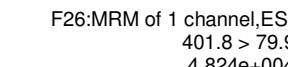
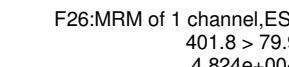
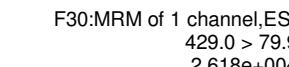


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Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:02:49 Pacific Daylight Time

Name: 210325M1_89, Date: 26-Mar-2021, Time: 03:59:04, ID: 2103186-08 0.2479, Description: GW2103081655GSC

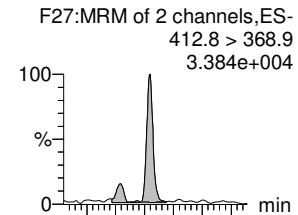
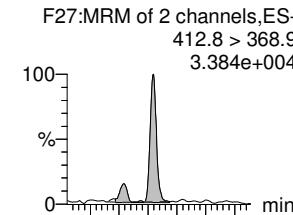
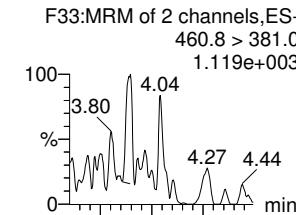
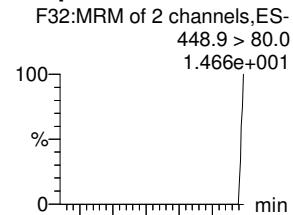
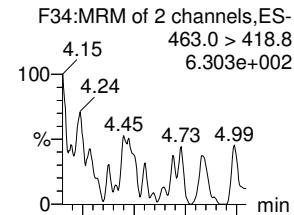
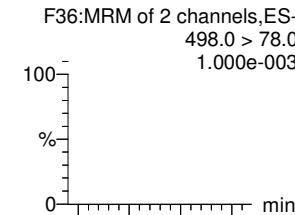
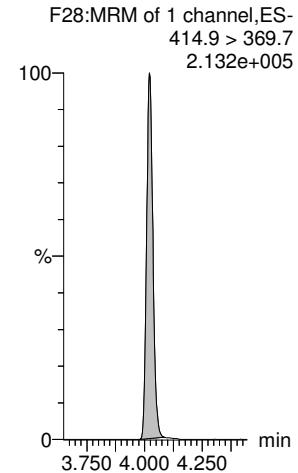
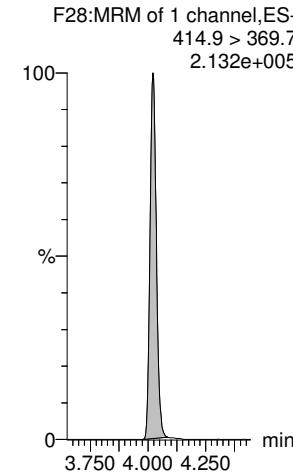
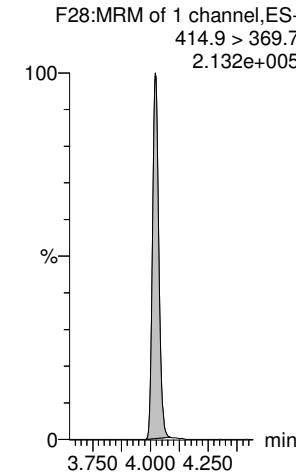
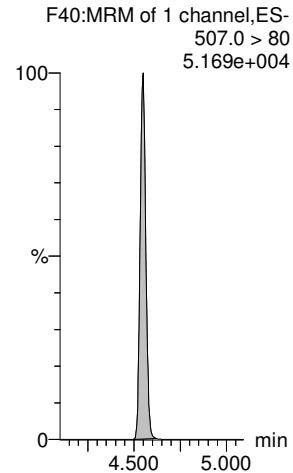
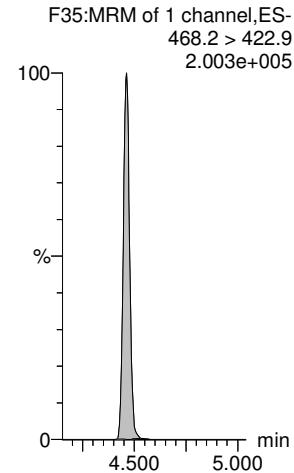
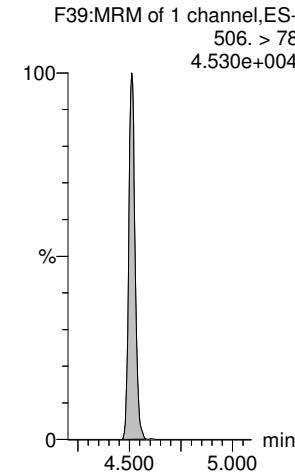
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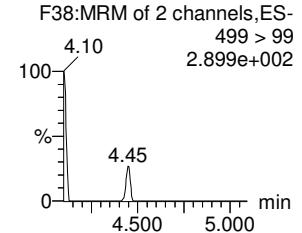
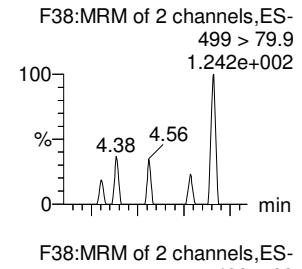
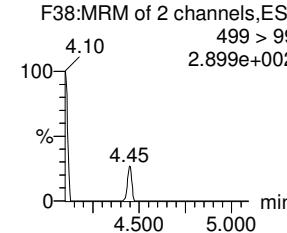
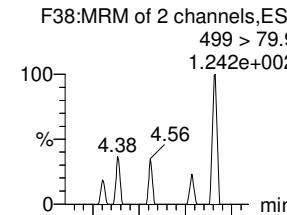
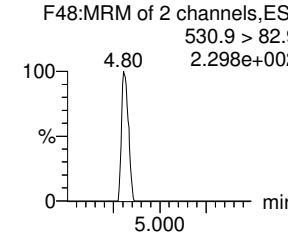
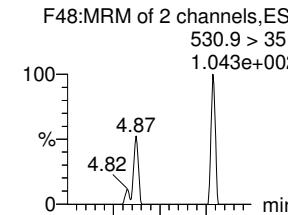
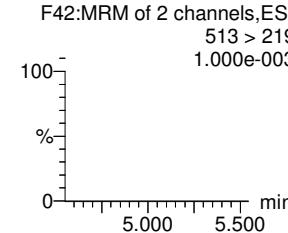
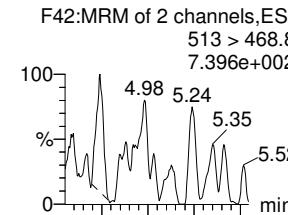
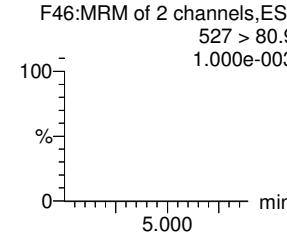
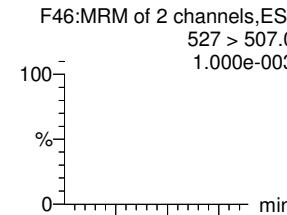
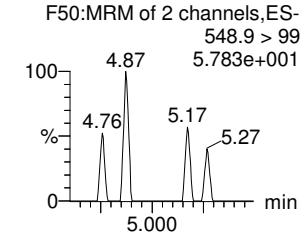
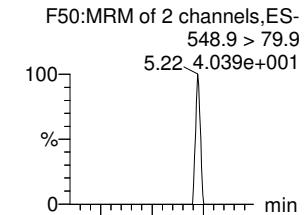
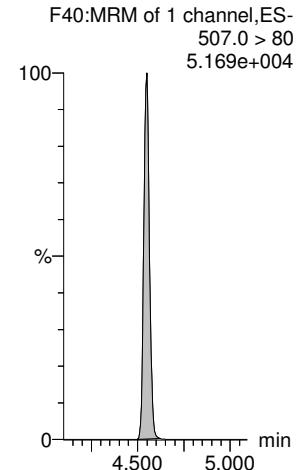
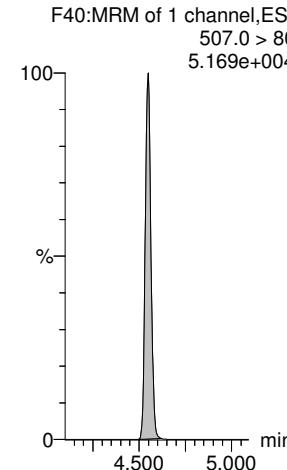
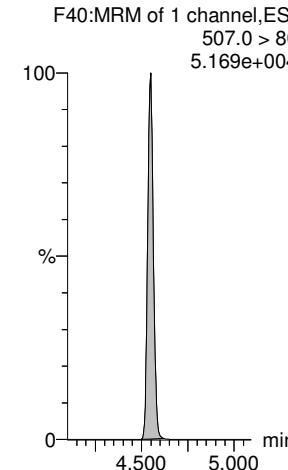
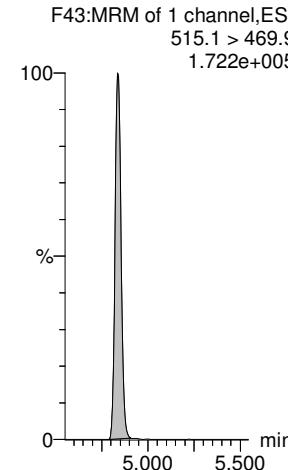
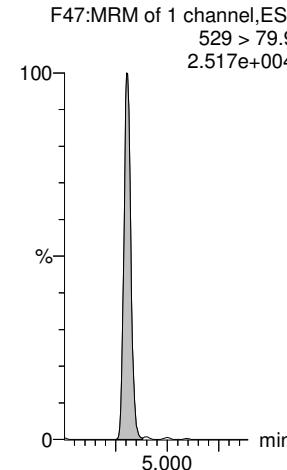
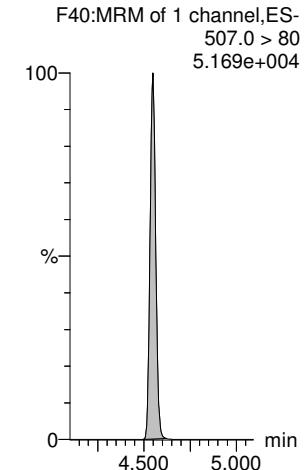
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Name: 210325M1_89, Date: 26-Mar-2021, Time: 03:59:04, ID: 2103186-08 0.2479, Description: GW2103081655GSC

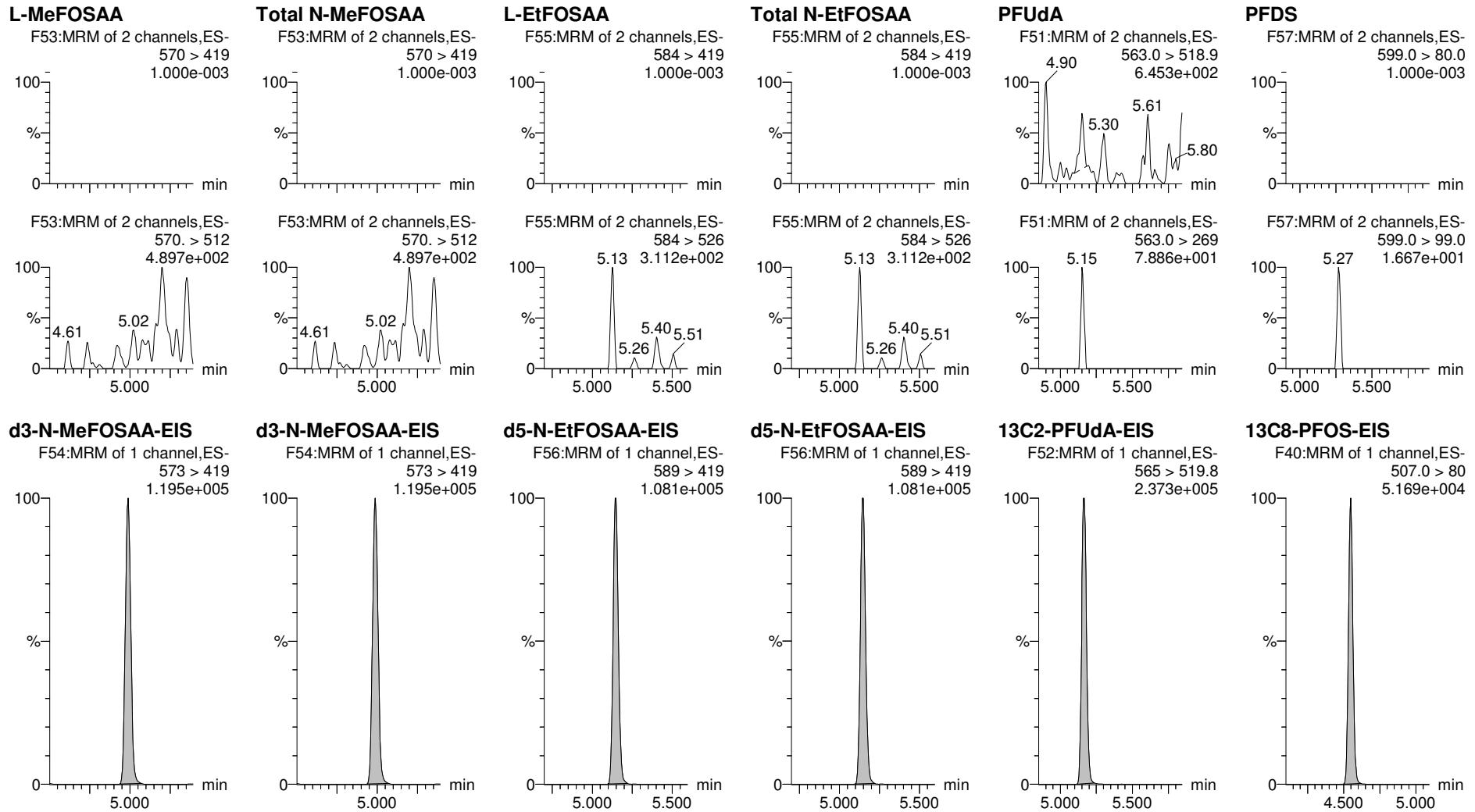
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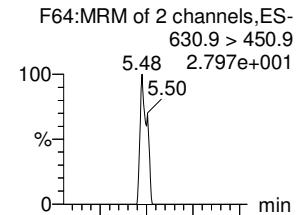
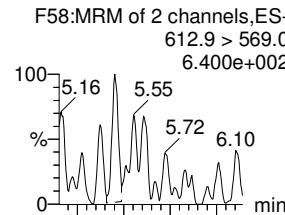
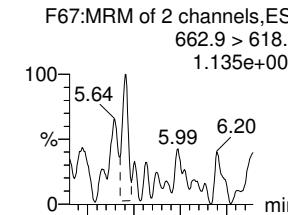
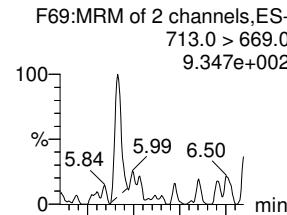
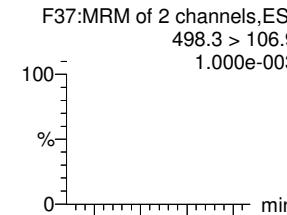
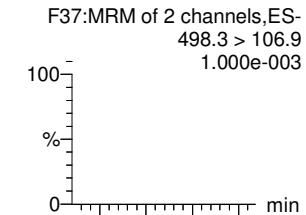
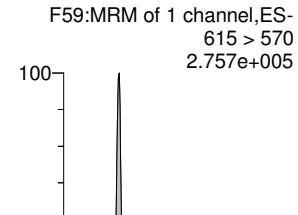
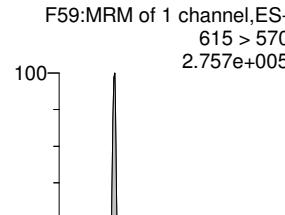
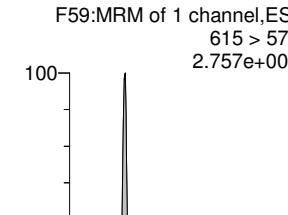
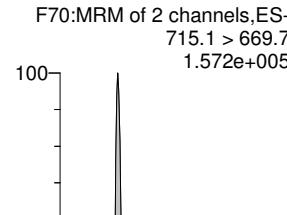
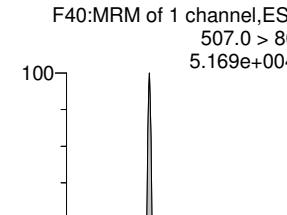
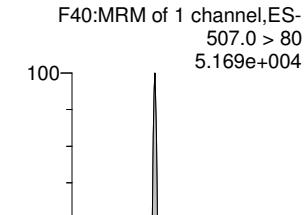


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Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:02:49 Pacific Daylight Time

Name: 210325M1_89, Date: 26-Mar-2021, Time: 03:59:04, ID: 2103186-08 0.2479, Description: GW2103081655GSC

11CI-PF30UdS**PFDoA****PFTrDA****PFTeDA****TDCA****TDCA****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFDoA-EIS****13C2-PFTeDA-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS**

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:05:04 Pacific Daylight Time

Name: 210325M1_90, Date: 26-Mar-2021, Time: 04:09:27, ID: 2103186-09 0.26653, Description: GW2103081655GSC-FD

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	1.753e3	2.335e3	0.267		1.16	1.16	9.38		29.234			
2	5 PFPeA	263.1 > 218.9	2.411e3	3.020e3	0.267		2.11	2.11	9.98		41.048			
3	7 PFBS	299.0 > 79.7	1.324e3	7.980e2	0.267		2.40	2.40	20.7		45.351	2.83	NO	
4	10 4:2 FTS	327.0 > 306.9		8.118e2	0.267		2.83						YES	
5	11 PFHxA	313.0 > 269.0	3.580e3	4.945e3	0.267		2.91	2.91	9.05		33.670	23.5	NO	
6	12 PFPeS	349.0 > 80.0		7.980e2	0.267		3.15						YES	
7	51 13C3-PFBA-EIS	216.1 > 171.8	2.335e3		0.267	265.512	1.17	1.16	2340	12.5	32.999	70.4		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.020e3		0.267	388.348	2.11	2.11	3020	12.5	29.180	62.2		
9	53 13C3-PFBS-EIS	302.0 > 98.9	7.980e2		0.267	100.808	2.40	2.40	798	12.5	29.699	63.3		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	8.118e2		0.267	96.532	2.82	2.83	812	12.5	31.553	67.3		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	4.945e3		0.267	622.011	2.91	2.91	4950	12.5	29.830	63.6		
12	53 13C3-PFBS-EIS	302.0 > 98.9	7.980e2		0.267	100.808	2.40	2.40	798	12.5	29.699	63.3		
13	-1													
14	13 HFPO-DA	285 > 169		1.713e2	0.267		3.13						YES	
15	15 PFHpA	363.0 > 318.9	1.239e3	3.006e3	0.267		3.52	3.53	5.15		15.264	10.9	NO	
16	16 ADONA	376.8 > 250.9		3.006e3	0.267		3.61						YES	
17	17 L-PFHxS	399 > 80.0	1.715e1	1.552e3	0.267		3.67	3.66	0.138		0.470	1.93	NO	
18	77 Total PFHxS	399 > 80	1.715e1		0.267		3.83		0.138		0.470			
19	19 6:2 FTS	427 > 407.0		8.379e2	0.267		3.97						YES	
20	54 13C3-HFPO-DA-EIS	287.0 > 169	1.713e2		0.267	24.857	3.13	3.13	171	12.5	25.857	55.1		
21	57 13C4-PFHpA-EIS	367.2 > 321.8	3.006e3		0.267	380.184	3.52	3.52	3010	12.5	29.666	63.3		
22	57 13C4-PFHpA-EIS	367.2 > 321.8	3.006e3		0.267	380.184	3.52	3.52	3010	12.5	29.666	63.3		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.552e3		0.267	187.592	3.67	3.67	1550	12.5	31.033	66.2		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.552e3		0.267	187.592	3.67	3.67	1550	12.5	31.033	66.2		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	8.379e2		0.267	95.748	3.97	3.97	838	12.5	32.835	70.0		
26	-1													
27	20 L-PFOA	412.8 > 368.9	1.137e3	6.067e3	0.267		4.02	4.02	2.34		6.430	4.51	NO	
28	78 Total PFOA	412.8 > 368.9	1.137e3		0.267		4.20		2.34		6.430			
29	22 PFecHS	460.8 > 381.0		6.067e3	0.267		4.04						YES	
30	23 PFHpS	448.9 > 80.0		1.648e3	0.267		4.16						YES	
31	25 PFNA	463.0 > 418.8		6.171e3	0.267		4.46						YES	
32	26 PFOSA	498.0 > 78.0		1.367e3	0.267		4.51						YES	
33	62 13C2-PFOA-EIS	414.9 > 369.7	6.067e3		0.267	775.038	4.02	4.02	6070	12.5	29.368	62.6		
34	62 13C2-PFOA-EIS	414.9 > 369.7	6.067e3		0.267	775.038	4.02	4.02	6070	12.5	29.368	62.6		
35	62 13C2-PFOA-EIS	414.9 > 369.7	6.067e3		0.267	775.038	4.02	4.02	6070	12.5	29.368	62.6		
36	63 13C8-PFOS-EIS	507.0 > 80	1.648e3		0.267	214.550	4.55	4.55	1650	12.5	28.825	61.5		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:05:04 Pacific Daylight Time

Name: 210325M1_90, Date: 26-Mar-2021, Time: 04:09:27, ID: 2103186-09 0.26653, Description: GW2103081655GSC-FD

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	6.171e3		0.267	788.455	4.46	4.46	6170	12.5	29.366	62.6		
38	61 13C8-PFOSA-EIS	506. > 78	1.367e3		0.267	263.334	4.51	4.51	1370	12.5	19.477	41.5		
39	-1													
40	27 L-PFOS	499 > 79.9		1.648e3	0.267		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.267		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		1.648e3	0.267		4.76							YES
43	30 PFDA	513 > 468.8		6.155e3	0.267		4.84							YES
44	31 8:2 FTS	527 > 507.0		9.704e2	0.267		4.81							YES
45	32 PFNS	548.9 > 79.9		1.648e3	0.267		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	1.648e3		0.267	214.550	4.55	4.55	1650	12.5	28.825	61.5		
47	63 13C8-PFOS-EIS	507.0 > 80	1.648e3		0.267	214.550	4.55	4.55	1650	12.5	28.825	61.5		
48	63 13C8-PFOS-EIS	507.0 > 80	1.648e3		0.267	214.550	4.55	4.55	1650	12.5	28.825	61.5		
49	64 13C2-PFDA-EIS	515.1 > 469.9	6.155e3		0.267	768.980	4.84	4.84	6160	12.5	30.032	64.0		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.704e2		0.267	117.592	4.81	4.81	970	12.5	30.961	66.0		
51	63 13C8-PFOS-EIS	507.0 > 80	1.648e3		0.267	214.550	4.55	4.55	1650	12.5	28.825	61.5		
52	-1													
53	33 L-MeFOSAA	570 > 419		4.400e3	0.267		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.267		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		3.728e3	0.267		5.15							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.267		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		8.249e3	0.267		5.17							YES
58	38 PFDS	599.0 > 80.0		1.648e3	0.267		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	4.400e3		0.267	556.607	4.99	4.99	4400	12.5	29.657	63.2		
60	66 d3-N-MeFOSAA-EIS	573 > 419	4.400e3		0.267	556.607	4.99	4.99	4400	12.5	29.657	63.2		
61	68 d5-N-EtFOSAA-EIS	589 > 419	3.728e3		0.267	519.234	5.15	5.15	3730	12.5	26.941	57.4		
62	68 d5-N-EtFOSAA-EIS	589 > 419	3.728e3		0.267	519.234	5.15	5.15	3730	12.5	26.941	57.4		
63	67 13C2-PFUdA-EIS	565 > 519.8	8.249e3		0.267	1124.914	5.17	5.17	8250	12.5	27.512	58.7		
64	63 13C8-PFOS-EIS	507.0 > 80	1.648e3		0.267	214.550	4.55	4.55	1650	12.5	28.825	61.5		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		9.970e3	0.267		5.39							YES
67	41 PFDoA	612.9 > 569.0		9.970e3	0.267		5.45							YES
68	43 PFTrDA	662.9 > 618.9		9.970e3	0.267		5.70							YES
69	45 PFTeDA	713.0 > 669.0		5.862e3	0.267		5.91							YES
70	82 TDCA	498.3>106.9			0.267		4.91							YES
71	82 TDCA	498.3>106.9			0.267		4.91							YES
72	69 13C2-PFDmA-EIS	615 > 570	9.970e3		0.267	1278.054	5.46	5.45	9970	12.5	29.267	62.4		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:05:04 Pacific Daylight Time

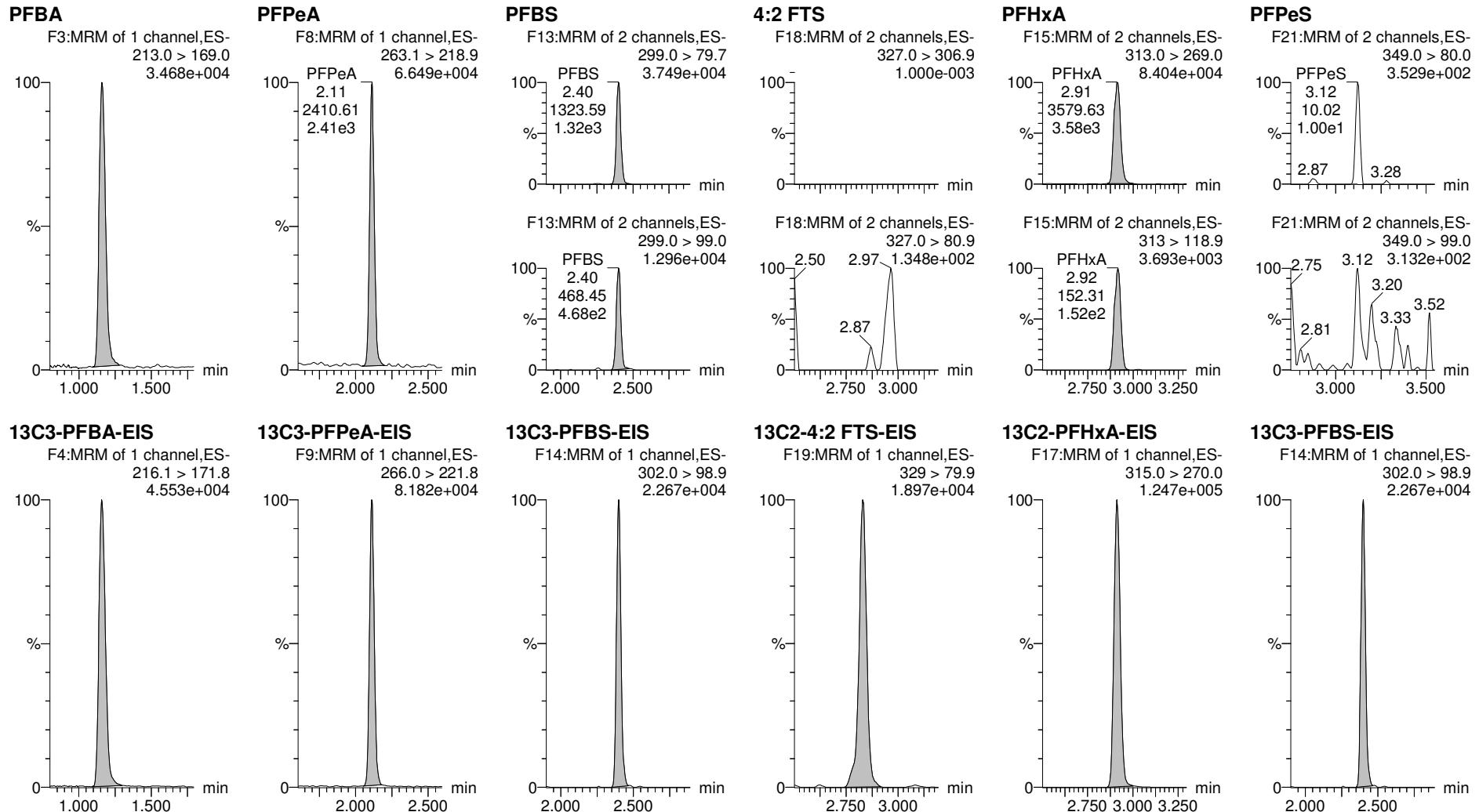
Name: 210325M1_90, Date: 26-Mar-2021, Time: 04:09:27, ID: 2103186-09 0.26653, Description: GW2103081655GSC-FD

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
73	69 13C2-PFDoA-EIS	615 > 570	9.970e3		0.267	1278.054	5.46	5.45	9970	12.5	29.267	62.4		
74	69 13C2-PFDoA-EIS	615 > 570	9.970e3		0.267	1278.054	5.46	5.45	9970	12.5	29.267	62.4		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	5.862e3		0.267	860.517	5.92	5.91	5860	12.5	25.559	54.5		
76	63 13C8-PFOS-EIS	507.0 > 80	1.648e3		0.267	214.550	4.55	4.55	1650	12.5	28.825	61.5		
77	63 13C8-PFOS-EIS	507.0 > 80	1.648e3		0.267	214.550	4.55	4.55	1650	12.5	28.825	61.5		

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

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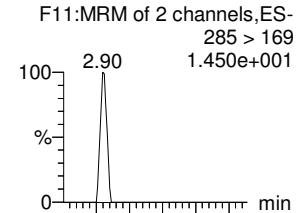
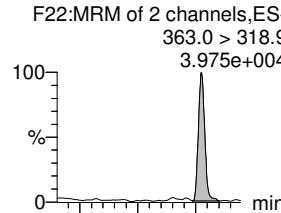
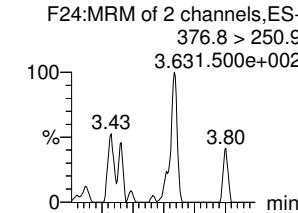
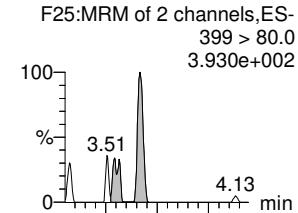
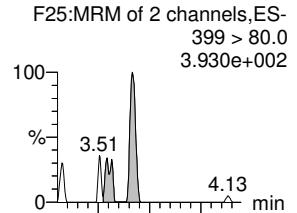
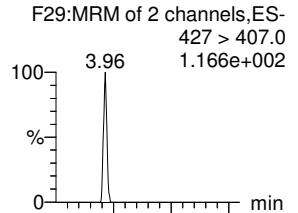
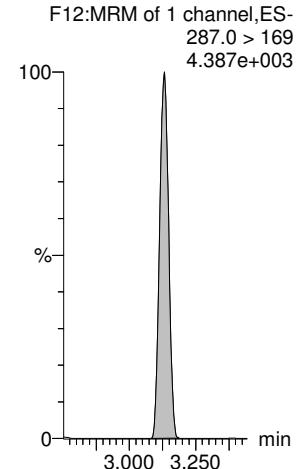
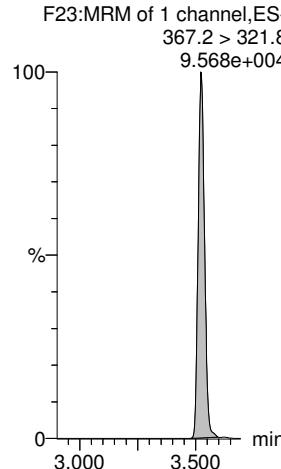
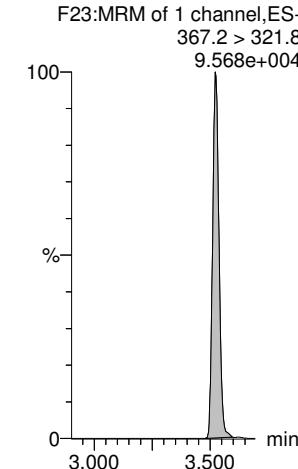
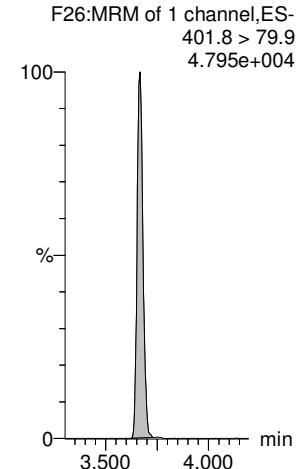
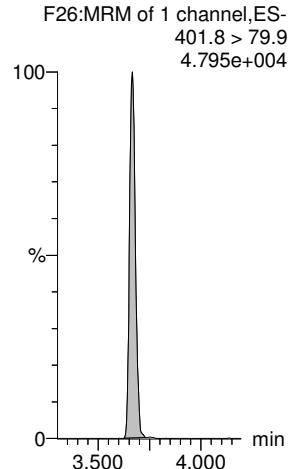
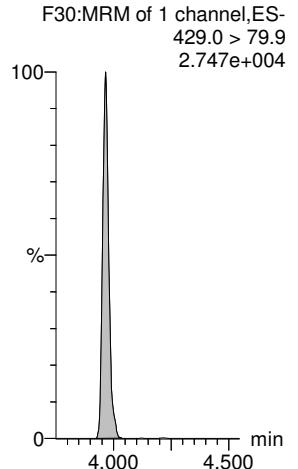
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Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:05:04 Pacific Daylight Time

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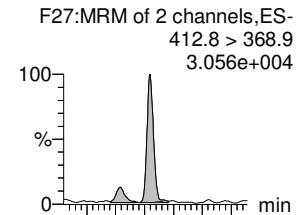
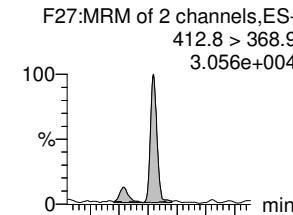
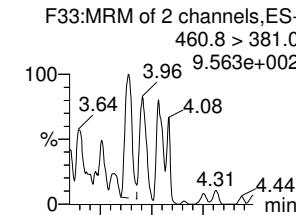
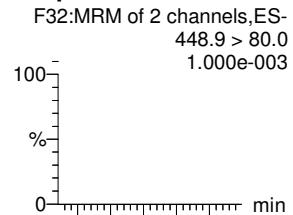
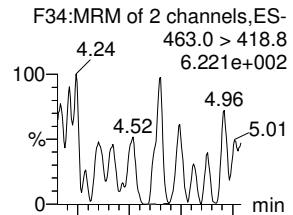
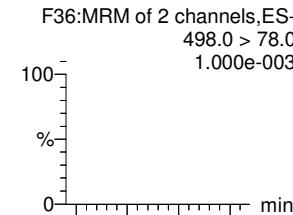
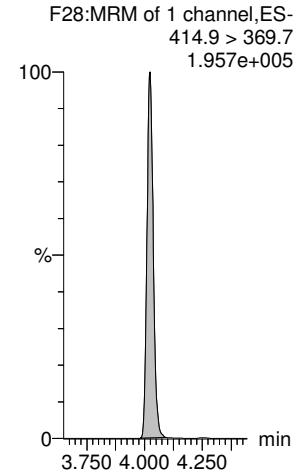
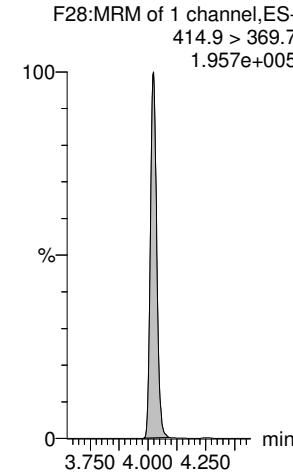
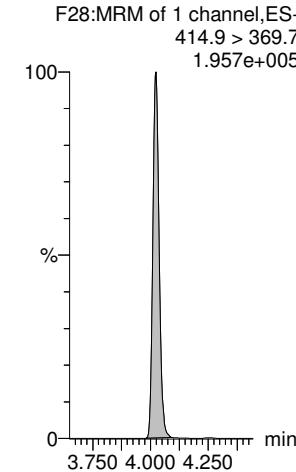
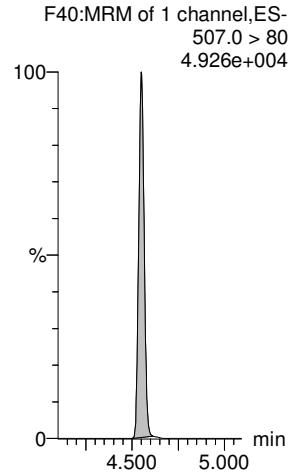
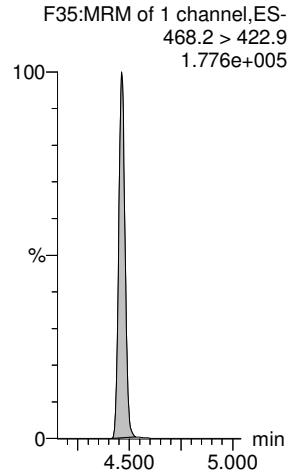
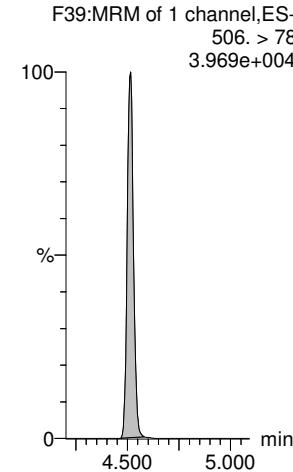
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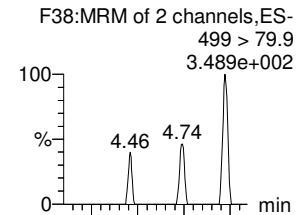
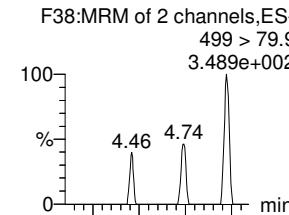
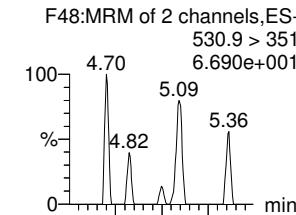
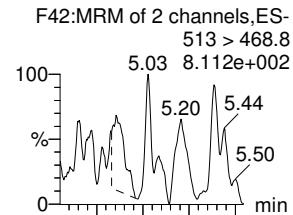
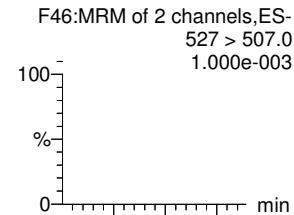
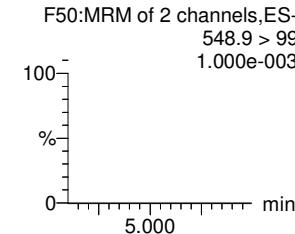
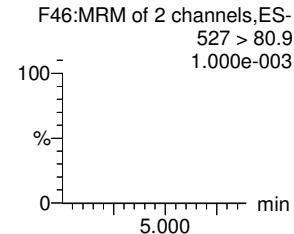
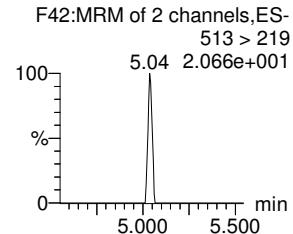
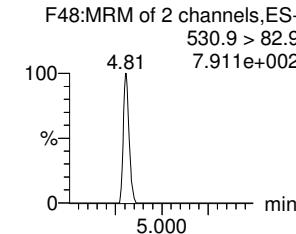
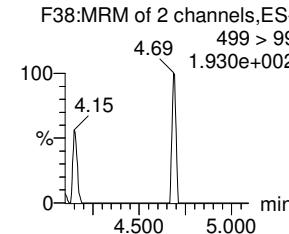
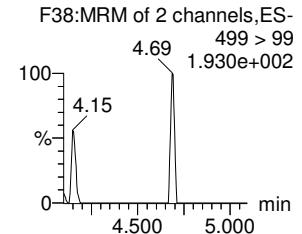
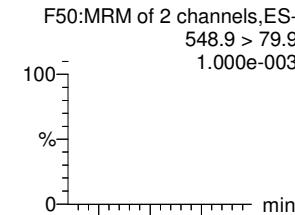
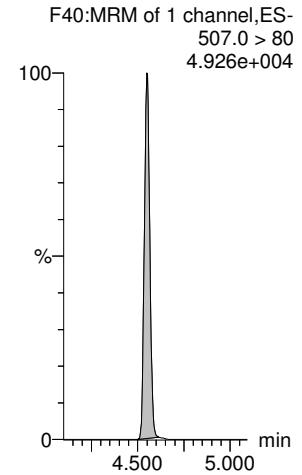
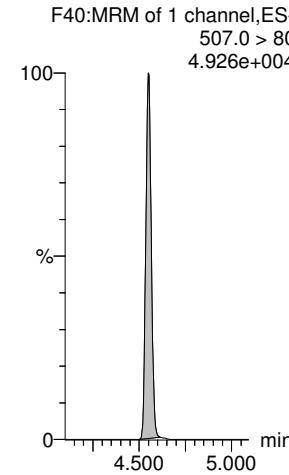
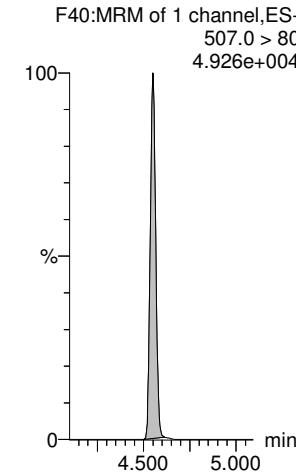
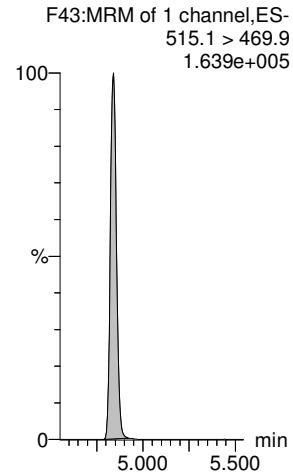
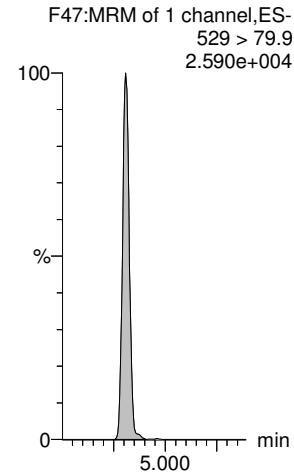
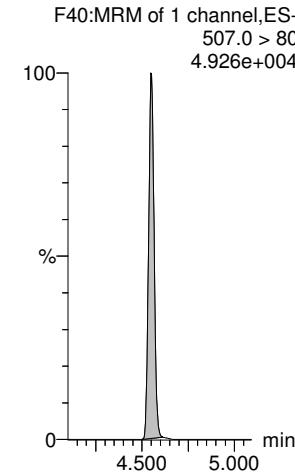
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Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:05:04 Pacific Daylight Time

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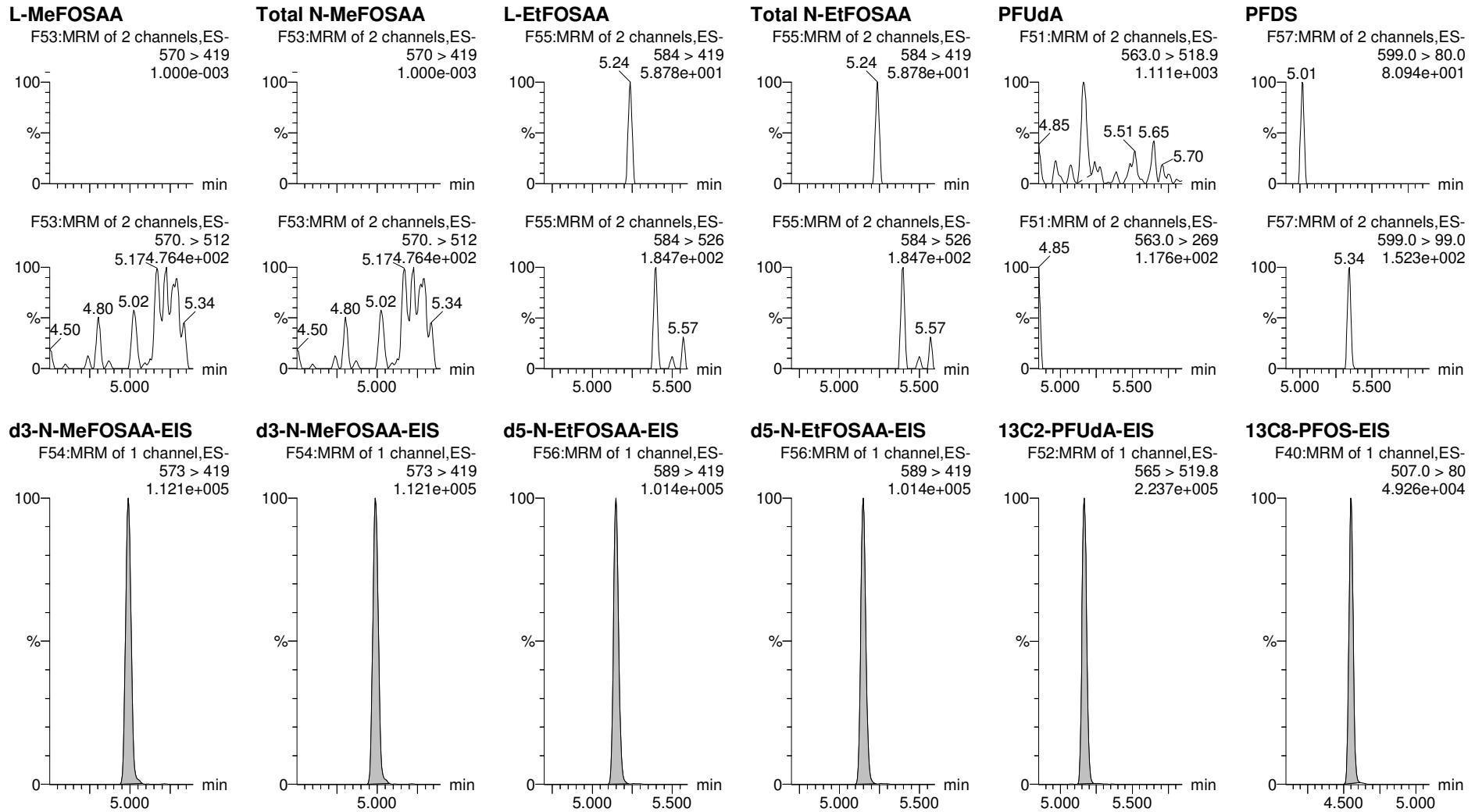
L-PFOS**Total PFOS****9CI-PF30NS****PFDA****8:2 FTS****PFNS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFDA-EIS****13C2-8:2 FTS-EIS****13C8-PFOS-EIS**

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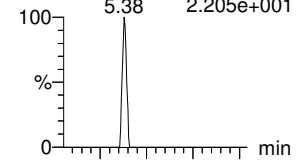
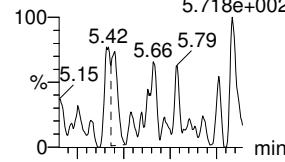
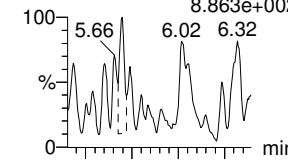
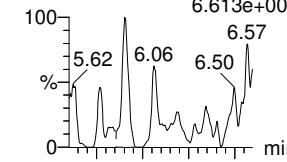
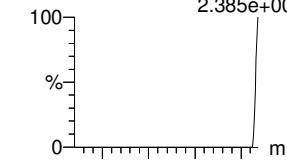
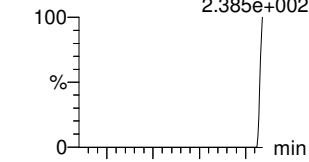
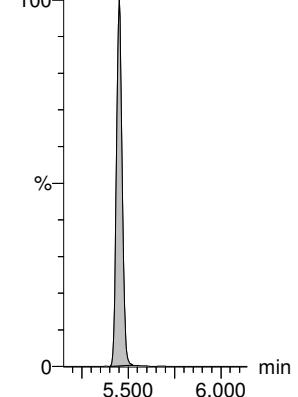
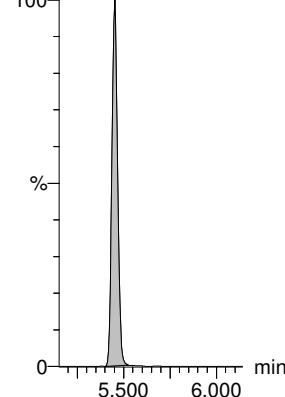
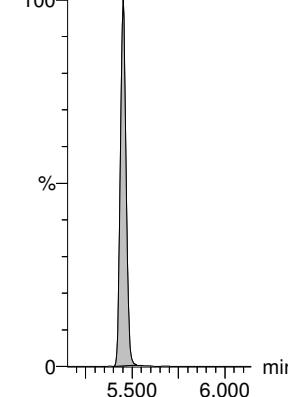
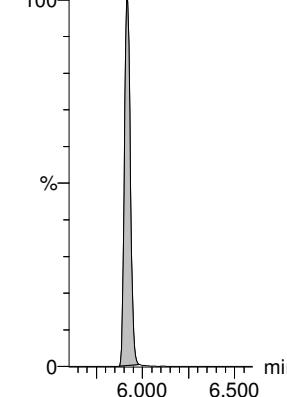
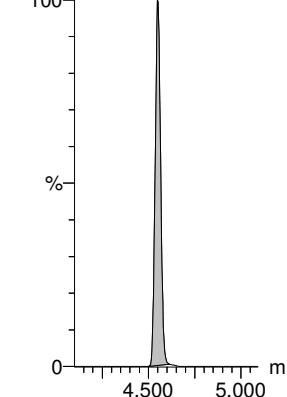
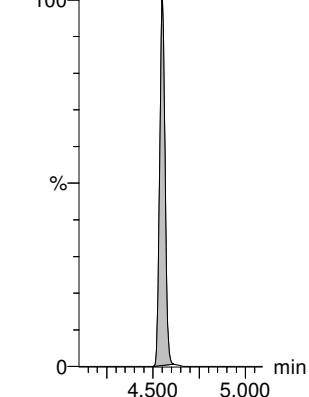


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Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:05:04 Pacific Daylight Time

Name: 210325M1_90, Date: 26-Mar-2021, Time: 04:09:27, ID: 2103186-09 0.26653, Description: GW2103081655GSC-FD

11CI-PF30UdSF64:MRM of 2 channels,ES-
630.9 > 450.9
2.205e+001**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
5.718e+002**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
8.863e+002**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
6.613e+002**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
2.385e+002**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
2.385e+002**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.751e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.751e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
2.751e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
1.565e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.926e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.926e+004

Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:06:25 Pacific Daylight Time

Name: 210325M1_91, Date: 26-Mar-2021, Time: 04:19:49, ID: 2103186-10 0.25671, Description: GW2103081100GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0		3.080e3	0.257		1.16							
2	5 PFPeA	263.1 > 218.9		3.902e3	0.257		2.11							
3	7 PFBS	299.0 > 79.7		1.032e3	0.257		2.40							YES
4	10 4:2 FTS	327.0 > 306.9		9.507e2	0.257		2.83							YES
5	11 PFHxA	313.0 > 269.0		6.200e3	0.257		2.91							YES
6	12 PFPeS	349.0 > 80.0		1.032e3	0.257		3.15							YES
7	51 13C3-PFBA-EIS	216.1 > 171.8	3.080e3		0.257	265.512	1.17	1.16	3080	12.5	45.188	92.8		
8	52 13C3-PFPeA-EIS	266.0 > 221.8	3.902e3		0.257	388.348	2.11	2.11	3900	12.5	39.143	80.4		
9	53 13C3-PFBS-EIS	302.0 > 98.9	1.032e3		0.257	100.808	2.40	2.40	1030	12.5	39.863	81.9		
10	55 13C2-4:2 FTS-EIS	329 > 79.9	9.507e2		0.257	96.532	2.82	2.83	951	12.5	38.366	78.8		
11	56 13C2-PFHxA-EIS	315.0 > 270.0	6.200e3		0.257	622.011	2.91	2.91	6200	12.5	38.826	79.7		
12	53 13C3-PFBS-EIS	302.0 > 98.9	1.032e3		0.257	100.808	2.40	2.40	1030	12.5	39.863	81.9		
13	-1													
14	13 HFPO-DA	285 > 169		2.769e2	0.257		3.13							YES
15	15 PFHpA	363.0 > 318.9		3.746e3	0.257		3.52							YES
16	16 ADONA	376.8 > 250.9		3.746e3	0.257		3.61							YES
17	17 L-PFHxS	399 > 80.0		1.951e3	0.257		3.67							YES
18	77 Total PFHxs	399 > 80	0.000e0		0.257		3.83		0.000					
19	19 6:2 FTS	427 > 407.0		9.644e2	0.257		3.96							YES
20	54 13C3-HFPO-DA-EIS	287.0 > 169	2.769e2		0.257	24.857	3.13	3.13	277	12.5	43.389	89.1		
21	57 13C4-PFHpA-EIS	367.2 > 321.8	3.746e3		0.257	380.184	3.52	3.52	3750	12.5	38.381	78.8		
22	57 13C4-PFHpA-EIS	367.2 > 321.8	3.746e3		0.257	380.184	3.52	3.52	3750	12.5	38.381	78.8		
23	58 13C3-PFHxS-EIS	401.8 > 79.9	1.951e3		0.257	187.592	3.67	3.67	1950	12.5	40.509	83.2		
24	58 13C3-PFHxS-EIS	401.8 > 79.9	1.951e3		0.257	187.592	3.67	3.67	1950	12.5	40.509	83.2		
25	59 13C2-6:2 FTS-EIS	429.0 > 79.9	9.644e2		0.257	95.748	3.97	3.96	964	12.5	39.237	80.6		
26	-1													
27	20 L-PFOA	412.8 > 368.9		7.566e3	0.257		4.02							YES
28	78 Total PFOA	412.8 > 368.9	0.000e0		0.257		4.20		0.000					
29	22 PFecHS	460.8 > 381.0		7.566e3	0.257		4.04							YES
30	23 PFHpS	448.9 > 80.0		2.073e3	0.257		4.16							YES
31	25 PFNA	463.0 > 418.8		7.983e3	0.257		4.46							YES
32	26 PFOSA	498.0 > 78.0		1.818e3	0.257		4.51							YES
33	62 13C2-PFOA-EIS	414.9 > 369.7	7.566e3		0.257	775.038	4.02	4.02	7570	12.5	38.027	78.1		
34	62 13C2-PFOA-EIS	414.9 > 369.7	7.566e3		0.257	775.038	4.02	4.02	7570	12.5	38.027	78.1		
35	62 13C2-PFOA-EIS	414.9 > 369.7	7.566e3		0.257	775.038	4.02	4.02	7570	12.5	38.027	78.1		
36	63 13C8-PFOS-EIS	507.0 > 80	2.073e3		0.257	214.550	4.55	4.55	2070	12.5	37.642	77.3		

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Last Altered: Monday, March 29, 2021 09:02:02 Pacific Daylight Time

Printed: Monday, March 29, 2021 09:06:25 Pacific Daylight Time

Name: 210325M1_91, Date: 26-Mar-2021, Time: 04:19:49, ID: 2103186-10 0.25671, Description: GW2103081100GSC

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Std. Conc	Conc.	%Rec	Ion Ratio	Ratio Out?
37	60 13C5-PFNA-EIS	468.2 > 422.9	7.983e3		0.257	788.455	4.46	4.46	7980	12.5	39.438	81.0		
38	61 13C8-PFOSA-EIS	506. > 78	1.818e3		0.257	263.334	4.51	4.51	1820	12.5	26.890	55.2		
39	-1													
40	27 L-PFOS	499 > 79.9		2.073e3	0.257		4.55							YES
41	79 Total PFOS	499 > 79.9	0.000e0		0.257		4.73		0.000					
42	29 9Cl-PF30NS	530.9>351		2.073e3	0.257		4.76							YES
43	30 PFDA	513 > 468.8		7.299e3	0.257		4.84							YES
44	31 8:2 FTS	527 > 507.0		9.990e2	0.257		4.81							YES
45	32 PFNS	548.9 > 79.9		2.073e3	0.257		4.90							YES
46	63 13C8-PFOS-EIS	507.0 > 80	2.073e3		0.257	214.550	4.55	4.55	2070	12.5	37.642	77.3		
47	63 13C8-PFOS-EIS	507.0 > 80	2.073e3		0.257	214.550	4.55	4.55	2070	12.5	37.642	77.3		
48	63 13C8-PFOS-EIS	507.0 > 80	2.073e3		0.257	214.550	4.55	4.55	2070	12.5	37.642	77.3		
49	64 13C2-PFDA-EIS	515.1 > 469.9	7.299e3		0.257	768.980	4.84	4.84	7300	12.5	36.973	75.9		
50	65 13C2-8:2 FTS-EIS	529 > 79.9	9.990e2		0.257	117.592	4.81	4.81	999	12.5	33.094	68.0		
51	63 13C8-PFOS-EIS	507.0 > 80	2.073e3		0.257	214.550	4.55	4.55	2070	12.5	37.642	77.3		
52	-1													
53	33 L-MeFOSAA	570 > 419		5.400e3	0.257		4.99							YES
54	80 Total N-MeFOSAA	570. > 419	0.000e0		0.257		4.76		0.000					
55	35 L-EtFOSAA	584 > 419		4.791e3	0.257		5.14							YES
56	81 Total N-EtFOSAA	584 > 419	0.000e0		0.257		4.96		0.000					
57	37 PFUdA	563.0 > 518.9		1.019e4	0.257		5.16							YES
58	38 PFDS	599.0 > 80.0		2.073e3	0.257		5.20							YES
59	66 d3-N-MeFOSAA-EIS	573 > 419	5.400e3		0.257	556.607	4.99	4.99	5400	12.5	37.792	77.6		
60	66 d3-N-MeFOSAA-EIS	573 > 419	5.400e3		0.257	556.607	4.99	4.99	5400	12.5	37.792	77.6		
61	68 d5-N-EtFOSAA-EIS	589 > 419	4.791e3		0.257	519.234	5.15	5.14	4790	12.5	35.946	73.8		
62	68 d5-N-EtFOSAA-EIS	589 > 419	4.791e3		0.257	519.234	5.15	5.14	4790	12.5	35.946	73.8		
63	67 13C2-PFUdA-EIS	565 > 519.8	1.019e4		0.257	1124.914	5.17	5.16	10200	12.5	35.290	72.5		
64	63 13C8-PFOS-EIS	507.0 > 80	2.073e3		0.257	214.550	4.55	4.55	2070	12.5	37.642	77.3		
65	-1													
66	39 11Cl-PF30UdS	630.9 > 450.9		1.213e4	0.257		5.39							YES
67	41 PFDa	612.9 > 569.0		1.213e4	0.257		5.45							YES
68	43 PFTrDA	662.9 > 618.9		1.213e4	0.257		5.70							YES
69	45 PFTeDA	713.0 > 669.0		6.749e3	0.257		5.91							YES
70	82 TDCA	498.3>106.9			0.257		4.91							YES
71	82 TDCA	498.3>106.9			0.257		4.91							YES
72	69 13C2-PFDa-EIS	615 > 570	1.213e4		0.257	1278.054	5.46	5.45	12100	12.5	36.966	75.9		

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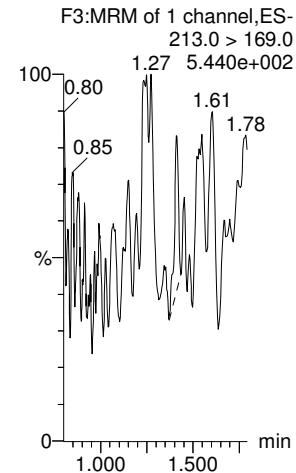
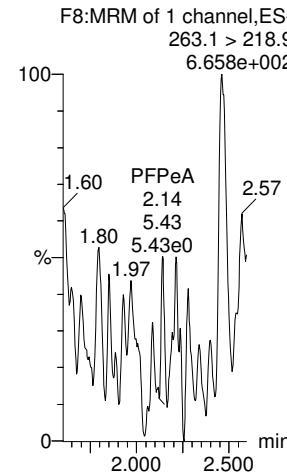
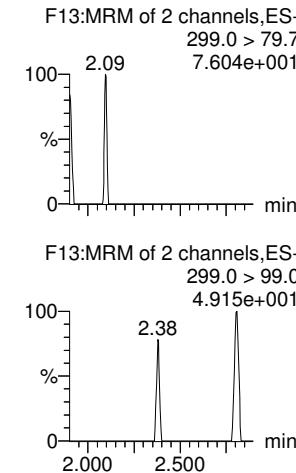
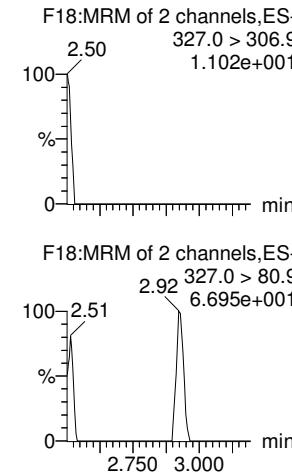
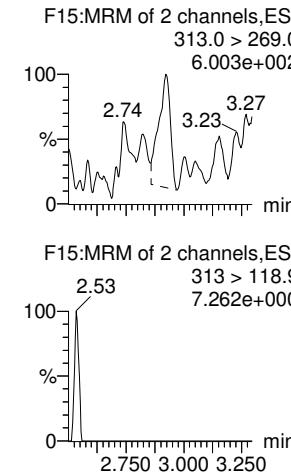
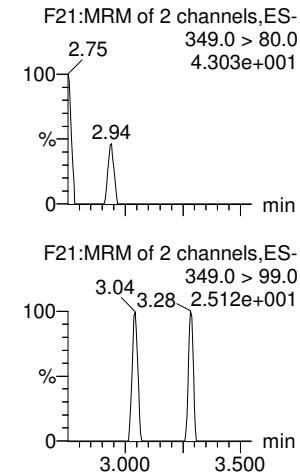
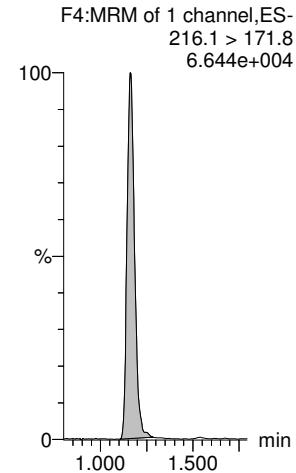
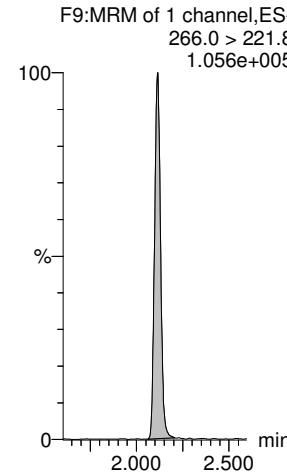
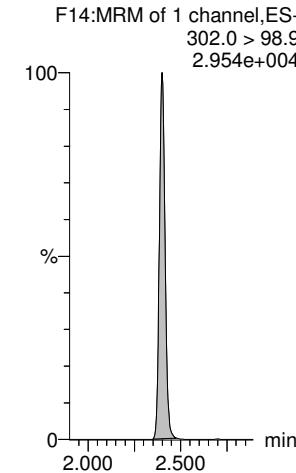
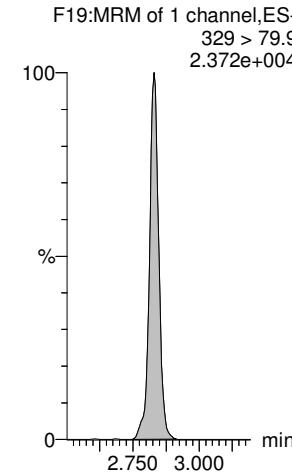
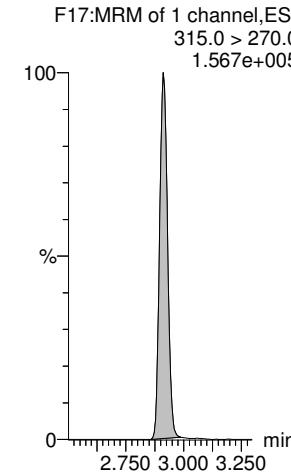
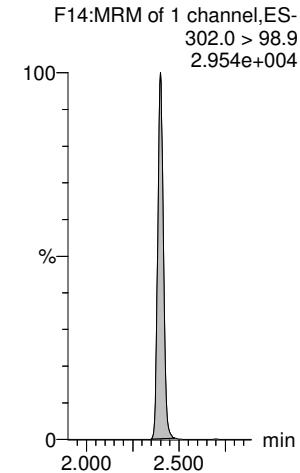
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73	69 13C2-PFDoA-EIS	615 > 570	1.213e4		0.257	1278.054	5.46	5.45	12100	12.5	36.966	75.9		
74	69 13C2-PFDoA-EIS	615 > 570	1.213e4		0.257	1278.054	5.46	5.45	12100	12.5	36.966	75.9		
75	72 13C2-PFTeDA-EIS	715.1 > 669.7	6.749e3		0.257	860.517	5.92	5.91	6750	12.5	30.553	62.7		
76	63 13C8-PFOS-EIS	507.0 > 80	2.073e3		0.257	214.550	4.55	4.55	2070	12.5	37.642	77.3		
77	63 13C8-PFOS-EIS	507.0 > 80	2.073e3		0.257	214.550	4.55	4.55	2070	12.5	37.642	77.3		

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Dataset: Y:\Projects\PFAS.PRO\Results\210325M1\210325M1-89-99.qld

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Printed: Monday, March 29, 2021 09:06:25 Pacific Daylight Time

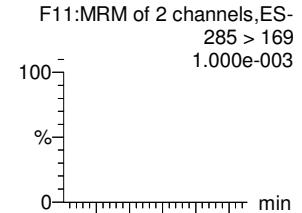
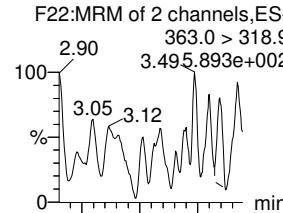
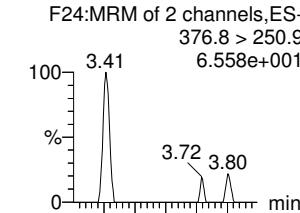
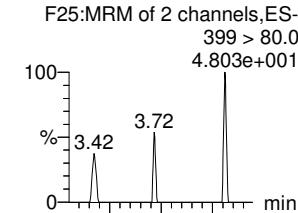
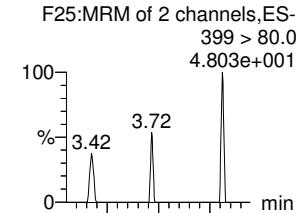
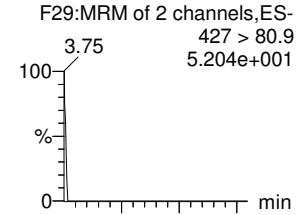
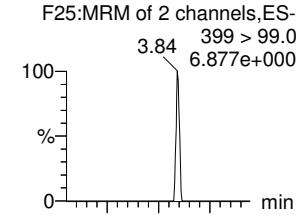
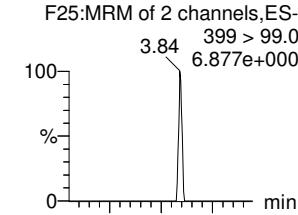
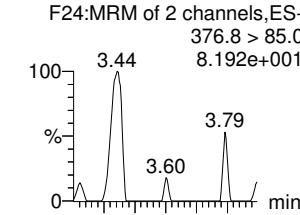
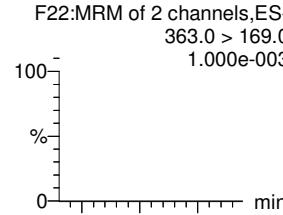
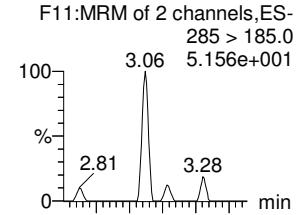
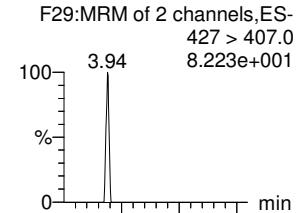
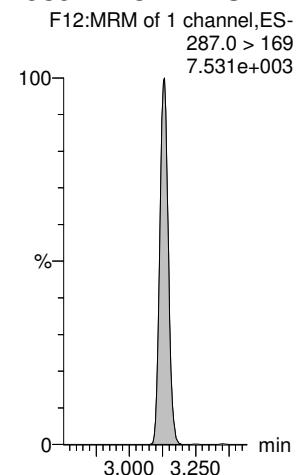
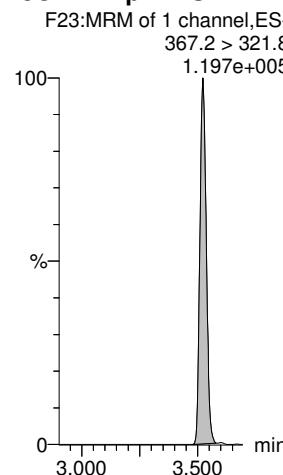
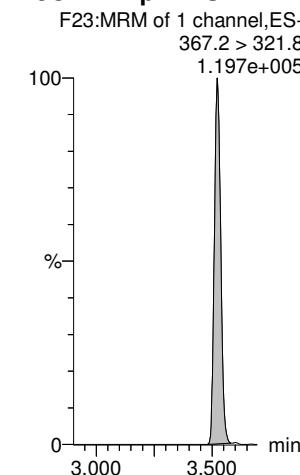
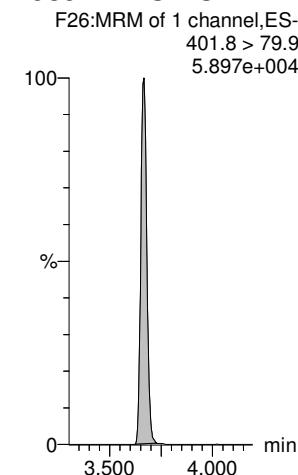
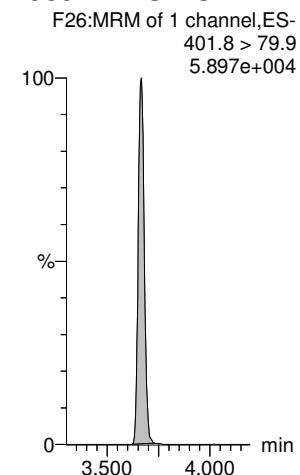
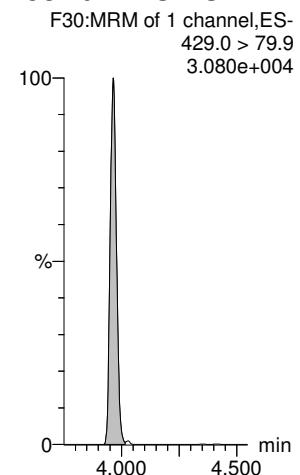
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Printed: Monday, March 29, 2021 09:06:25 Pacific Daylight Time

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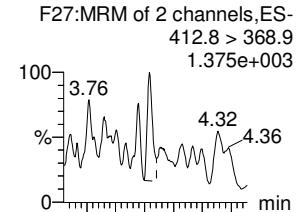
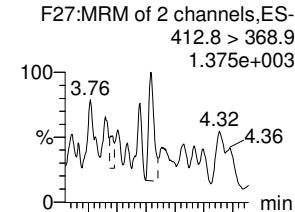
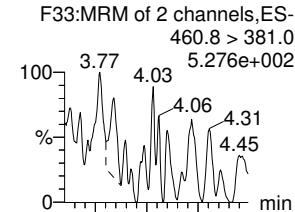
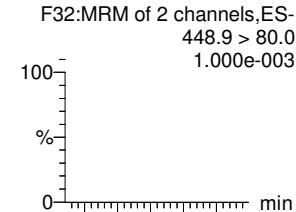
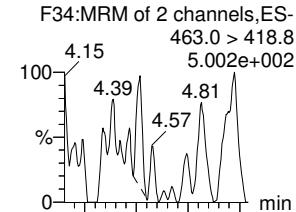
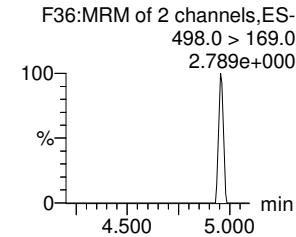
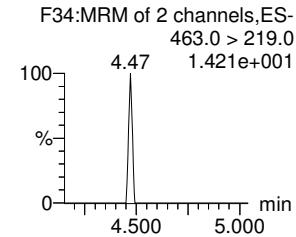
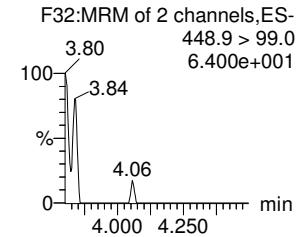
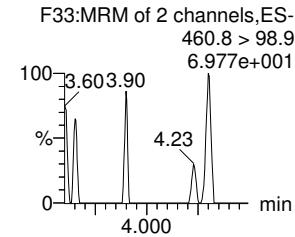
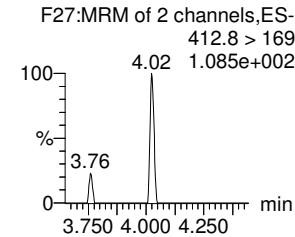
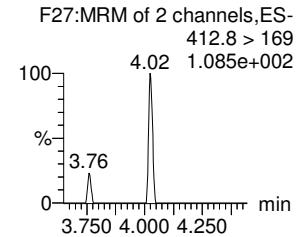
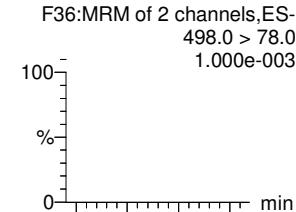
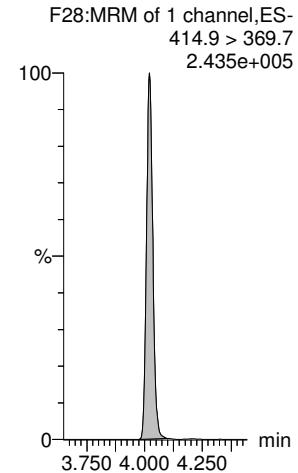
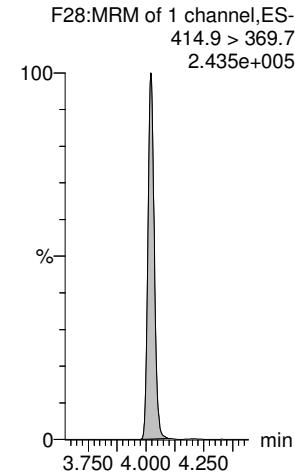
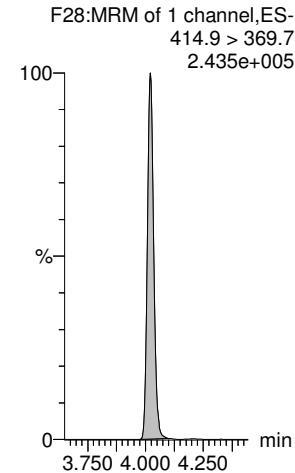
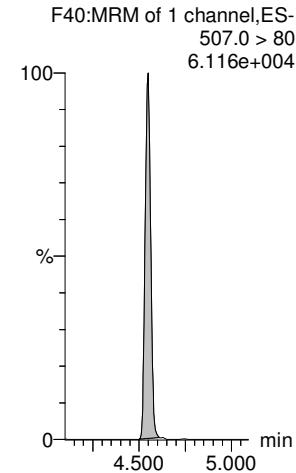
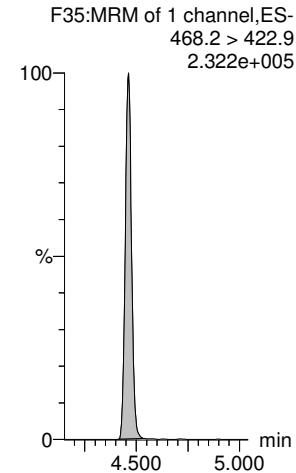
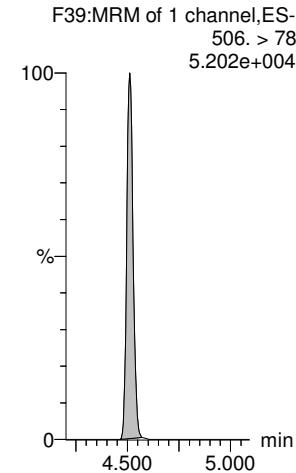
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Printed: Monday, March 29, 2021 09:06:25 Pacific Daylight Time

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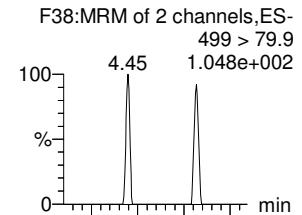
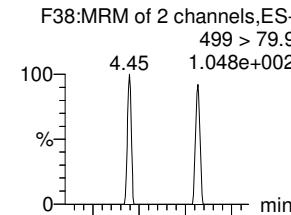
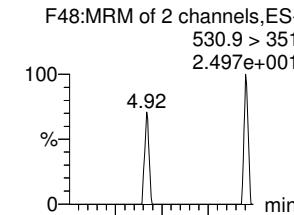
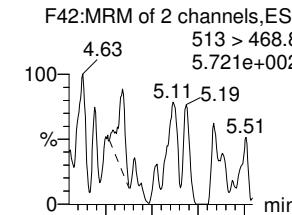
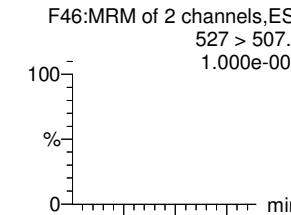
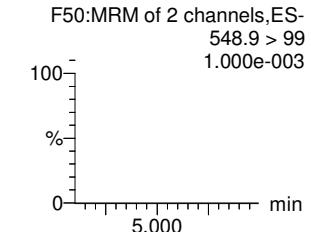
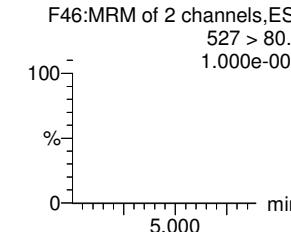
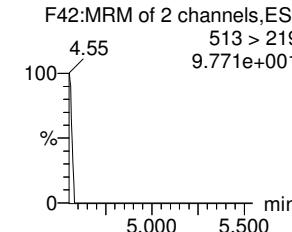
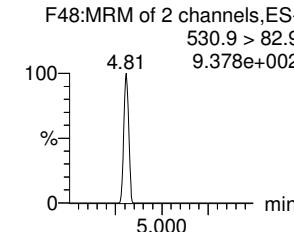
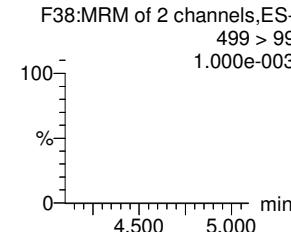
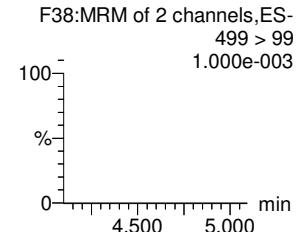
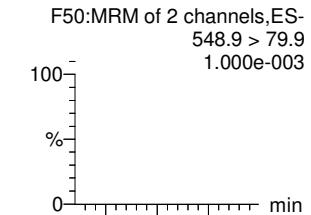
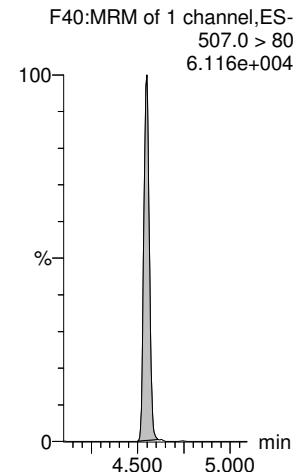
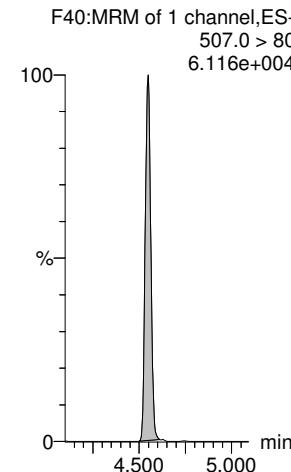
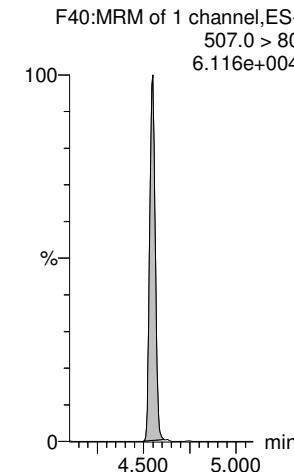
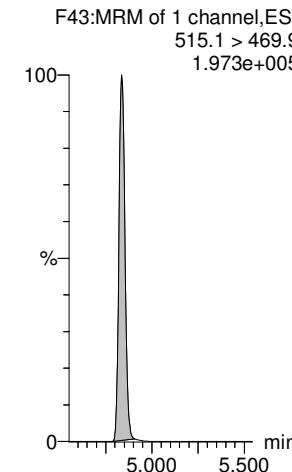
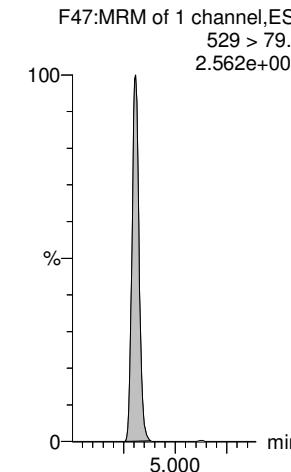
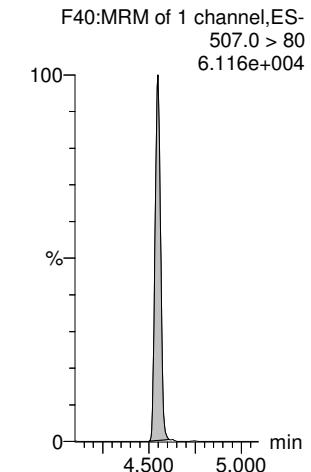
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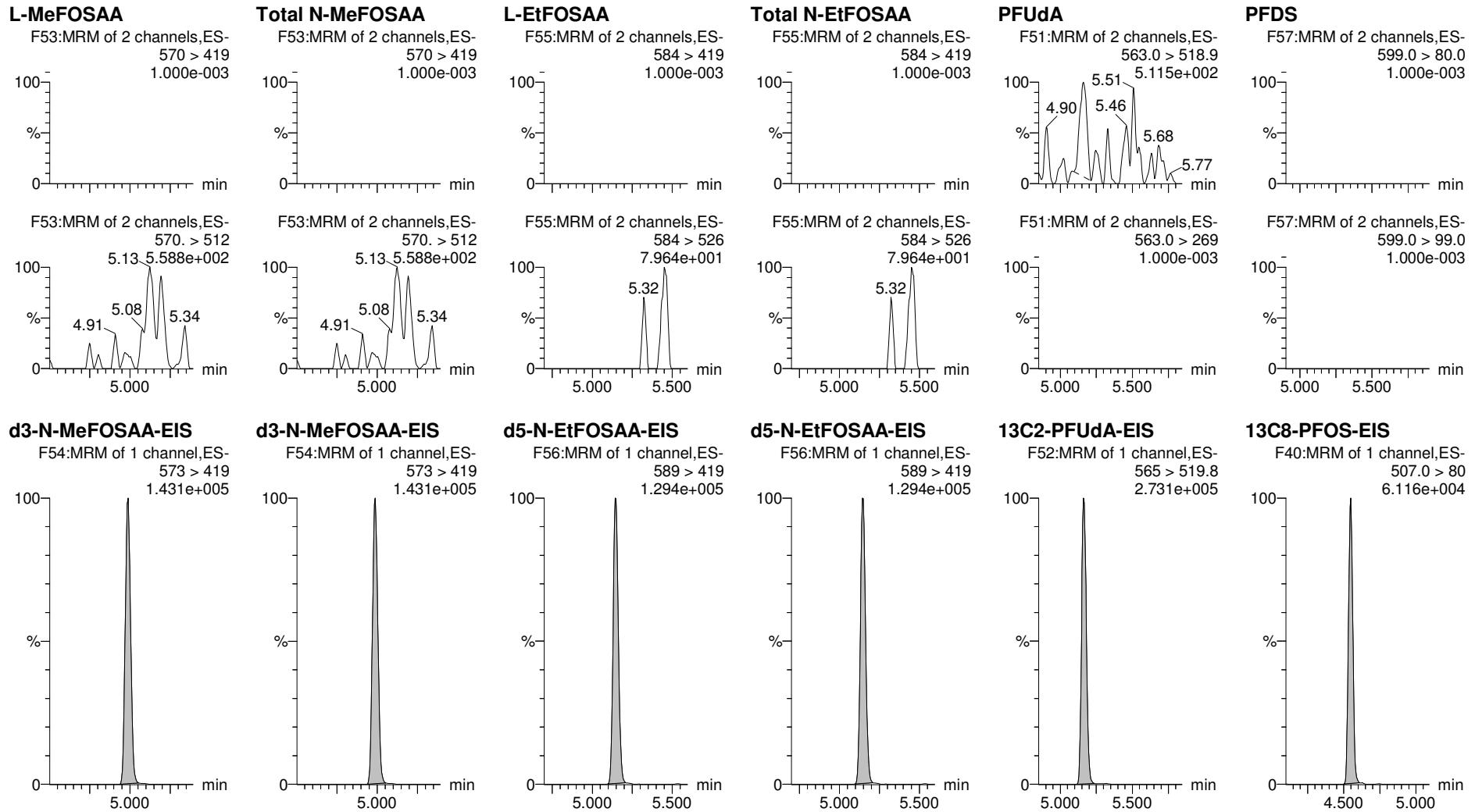
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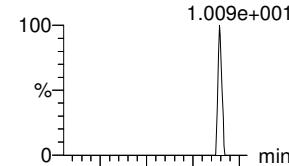
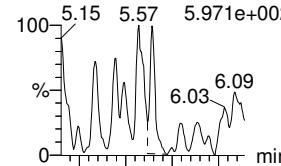
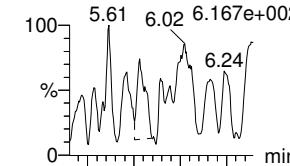
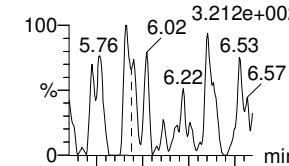
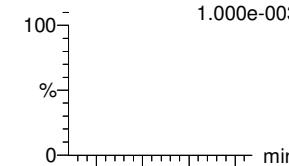
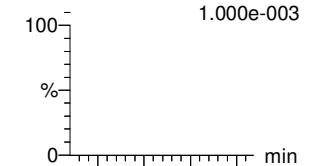
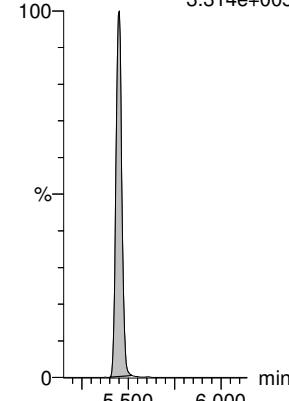
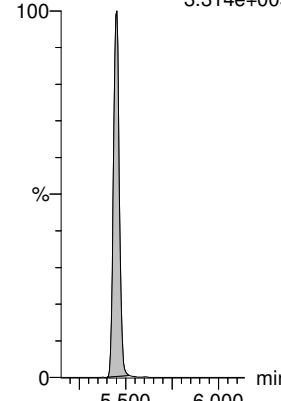
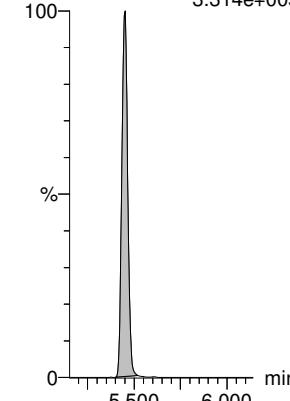
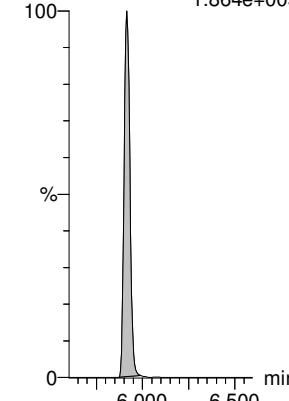
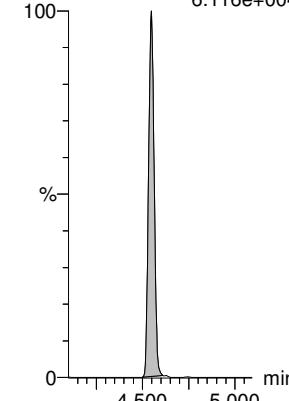
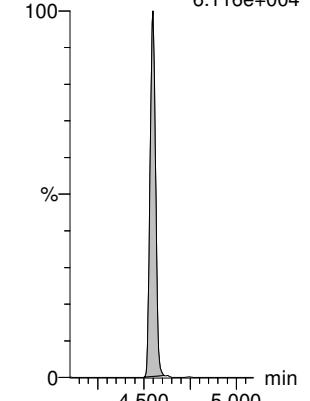


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Name: 210325M1_91, Date: 26-Mar-2021, Time: 04:19:49, ID: 2103186-10 0.25671, Description: GW2103081100GSC

11Cl-PF30UdSF64:MRM of 2 channels,ES-
630.9 > 450.9
1.009e+001**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
5.971e+002**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
6.167e+002**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
3.212e+002**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**TDCA**F37:MRM of 2 channels,ES-
498.3 > 106.9
1.000e-003**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.314e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.314e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.314e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
1.864e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.116e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.116e+004

CONTINUING CALIBRATION

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Dataset: Untitled

Last Altered: Friday, March 26, 2021 09:51:50 Pacific Daylight Time

Printed: Friday, March 26, 2021 09:51:57 Pacific Daylight Time

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Compound name:** PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 210325M1_1	IPA	25-Mar-21	12:45:54
2	2 210325M1_2	IPA	25-Mar-21	12:56:16
3	3 210325M1_3	IPA	25-Mar-21	13:06:38
4	4 210325M1_4	ST210325M1-1 PFC CS-2 21C0801	25-Mar-21	13:17:00
5	5 210325M1_5	ST210325M1-2 PFC CS-1 21C0802	25-Mar-21	13:27:41
6	6 210325M1_6	ST210325M1-3 PFC CS0 21C0803	25-Mar-21	13:38:01
7	7 210325M1_7	ST210325M1-4 PFC CS1 21C0804	25-Mar-21	13:48:23
8	8 210325M1_8	ST210325M1-5 PFC CS2 21C0805	25-Mar-21	13:58:45
9	9 210325M1_9	ST210325M1-6 PFC CS3 21C0806	25-Mar-21	14:09:08
10	10 210325M1_10	ST210325M1-7 PFC CS4 21C0807	25-Mar-21	14:19:29
11	11 210325M1_11	ST210325M1-8 PFC CS5 21C0808	25-Mar-21	14:29:52
12	12 210325M1_12	ST210325M1-9 PFC CS6 21C0809	25-Mar-21	14:40:14
13	13 210325M1_13	ST210325M1-10 PFC CS7 21C0810	25-Mar-21	14:50:36
14	14 210325M1_14	IB	25-Mar-21	15:00:58
15	15 210325M1_15	ICV210325M1-1 PFC ICV 2C0811	25-Mar-21	15:11:20
16	16 210325M1_16	IB	25-Mar-21	15:21:43
17	17 210325M1_17	B1C0182-BLK1 0.5	25-Mar-21	15:32:06
18	18 210325M1_18	B1C0182-BS1 0.5	25-Mar-21	15:42:27
19	19 210325M1_19	2103081-03RE1 2.3308	25-Mar-21	15:52:50
20	20 210325M1_20	B1C0161-BLK1 0.125	25-Mar-21	16:03:12
21	21 210325M1_21	B1C0161-BS1 0.125	25-Mar-21	16:13:34
22	22 210325M1_22	2103184-01 0.10862	25-Mar-21	16:23:56
23	23 210325M1_23	2103199-03 0.11457	25-Mar-21	16:34:21
24	24 210325M1_24	2103199-06 0.11572	25-Mar-21	16:44:46
25	25 210325M1_25	2103199-07 0.11342	25-Mar-21	16:55:10
26	26 210325M1_26	2103199-10 0.11513	25-Mar-21	17:05:36
27	27 210325M1_27	B1C0138-BS1 0.25	25-Mar-21	17:16:01
28	28 210325M1_28	B1C0164-BLK1 0.25	25-Mar-21	17:26:23
29	29 210325M1_29	B1C0164-BS1 0.25	25-Mar-21	17:36:45
30	30 210325M1_30	B1C0164-MS1 0.25286	25-Mar-21	17:47:08
31	31 210325M1_31	B1C0164-MSD1 0.24153	25-Mar-21	17:57:30
32	32 210325M1_32	2103175-01 0.24758	25-Mar-21	18:07:52

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 210325M1_33	2103175-02 0.24233	25-Mar-21	18:18:14
34	34 210325M1_34	2103175-03 0.24423	25-Mar-21	18:28:36
35	35 210325M1_35	2103175-04 0.25526	25-Mar-21	18:38:59
36	36 210325M1_36	IB	25-Mar-21	18:49:21
37	37 210325M1_37	ST210325M1-11 PFC CS3 21C0806	25-Mar-21	18:59:43
38	38 210325M1_38	IB	25-Mar-21	19:10:05
39	39 210325M1_39	2103175-05 0.25698	25-Mar-21	19:20:28
40	40 210325M1_40	2103175-06 0.24443	25-Mar-21	19:30:50
41	41 210325M1_41	2103175-07 0.24852	25-Mar-21	19:41:12
42	42 210325M1_42	2103175-08 0.25209	25-Mar-21	19:51:34
43	43 210325M1_43	2103175-09 0.24299	25-Mar-21	20:01:56
44	44 210325M1_44	2103175-10 0.25182	25-Mar-21	20:12:19
45	45 210325M1_45	2103175-11 0.25991	25-Mar-21	20:22:41
46	46 210325M1_46	2103175-12 0.25926	25-Mar-21	20:33:03
47	47 210325M1_47	2103175-13 0.25111	25-Mar-21	20:43:25
48	48 210325M1_48	2103175-14 0.26303	25-Mar-21	20:53:47
49	49 210325M1_49	IB	25-Mar-21	21:04:10
50	50 210325M1_50	ST210325M1-12 PFC CS3 21C0806	25-Mar-21	21:14:32
51	51 210325M1_51	IB	25-Mar-21	21:24:54
52	52 210325M1_52	B1C0170-BLK1 1	25-Mar-21	21:35:16
53	53 210325M1_53	B1C0170-BS1 1	25-Mar-21	21:45:39
54	54 210325M1_54	2103179-03 3.29	25-Mar-21	21:56:01
55	55 210325M1_55	2103179-04 1.56	25-Mar-21	22:06:23
56	56 210325M1_56	B1C0162-BLK1 0.125	25-Mar-21	22:16:45
57	57 210325M1_57	B1C0162-BS1 0.125	25-Mar-21	22:27:07
58	58 210325M1_58	2103179-01 0.10901	25-Mar-21	22:37:30
59	59 210325M1_59	2103179-02 0.11331	25-Mar-21	22:47:52
60	60 210325M1_60	2103179-05 0.1122	25-Mar-21	22:58:14
61	61 210325M1_61	2103179-06 0.08528	25-Mar-21	23:08:36
62	62 210325M1_62	B1C0139-BLK1 0.25	25-Mar-21	23:18:58
63	63 210325M1_63	B1C0139-BS1 0.25	25-Mar-21	23:29:21
64	64 210325M1_64	2103149-01 0.24669*	25-Mar-21	23:39:43
65	65 210325M1_65	2103149-02 0.2381	25-Mar-21	23:50:05
66	66 210325M1_66	2103149-03 0.25681*	26-Mar-21	00:00:28
67	67 210325M1_67	2103149-04 0.25142	26-Mar-21	00:10:50
68	68 210325M1_68	2103149-05 0.24487	26-Mar-21	00:21:12

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Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 210325M1_69	2103191-01 0.24375	26-Mar-21	00:31:35
70	70 210325M1_70	IB	26-Mar-21	00:41:57
71	71 210325M1_71	ST210325M1-13 PFC CS3 21C0806	26-Mar-21	00:52:19
72	72 210325M1_72	IB	26-Mar-21	01:02:41
73	73 210325M1_73	2103191-02 0.24363	26-Mar-21	01:13:03
74	74 210325M1_74	2103191-03 0.24575	26-Mar-21	01:23:26
75	75 210325M1_75	2103191-04 0.24535	26-Mar-21	01:33:48
76	76 210325M1_76	2103191-05 0.24473	26-Mar-21	01:44:10
77	77 210325M1_77	B1C0180-BLK1 0.25	26-Mar-21	01:54:32
78	78 210325M1_78	B1C0180-BS1 0.25	26-Mar-21	02:04:55
79	79 210325M1_79	2103186-01 0.25243	26-Mar-21	02:15:17
80	80 210325M1_80	2103186-02 0.24811	26-Mar-21	02:25:39
81	81 210325M1_81	2103186-03 0.25195	26-Mar-21	02:36:02
82	82 210325M1_82	2103186-04 0.24917	26-Mar-21	02:46:24
83	83 210325M1_83	2103186-05 0.24826	26-Mar-21	02:56:46
84	84 210325M1_84	2103186-06 0.25533	26-Mar-21	03:07:09
85	85 210325M1_85	2103186-07 0.25715*	26-Mar-21	03:17:33
86	86 210325M1_86	IB	26-Mar-21	03:27:58
87	87 210325M1_87	ST210325M1-14 PFC CS3 21C0806	26-Mar-21	03:38:20
88	88 210325M1_88	IB	26-Mar-21	03:48:42
89	89 210325M1_89	2103186-08 0.2479	26-Mar-21	03:59:04
90	90 210325M1_90	2103186-09 0.26653	26-Mar-21	04:09:27
91	91 210325M1_91	2103186-10 0.25671	26-Mar-21	04:19:49
92	92 210325M1_92	2103188-01 0.25215	26-Mar-21	04:30:11
93	93 210325M1_93	2103188-02 0.25768	26-Mar-21	04:40:34
94	94 210325M1_94	2103188-03 0.24759	26-Mar-21	04:50:56
95	95 210325M1_95	2103188-04 0.24873	26-Mar-21	05:01:18
96	96 210325M1_96	2103188-05 0.24915	26-Mar-21	05:11:40
97	97 210325M1_97	2103188-06 0.25434	26-Mar-21	05:22:02
98	98 210325M1_98	2103188-07 0.24999	26-Mar-21	05:32:25
99	99 210325M1_99	2103188-08 0.25224*	26-Mar-21	05:42:47
100	100 210325M1_100	IB	26-Mar-21	05:53:09
101	101 210325M1_101	ST210325M1-15 PFC CS3 21C0806	26-Mar-21	06:03:31
102	102 210325M1_102	IB	26-Mar-21	06:13:54

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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-71.qld

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OPV 3/26/2021

Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	3.117e3	3.008e3	1.00	1.18		12.954	10.000	10.8	107.9	NO		
2	3 PFMPA	229 > 85	2.445e3	8.321e3	1.00	1.54		3.672	10.000	9.00	90.0	NO		
3	2 PFPrS	248.9 > 79.9	1.608e3	1.308e3	1.00	1.51		15.367	10.000	9.71	97.1	NO	2.387	NO
4	4 3:3 FTCA	241 > 177	2.489e2	4.964e3	1.00	1.96		0.627	10.000	9.60	96.0	NO	2.457	NO
5	5 PFPeA	263.1 > 218.9	3.718e3	4.964e3	1.00	2.11		9.363	10.000	10.3	102.6	NO		
6	6 PFMBA	279 > 85	3.939e3	4.964e3	1.00	2.40		9.918	10.000	9.84	98.4	NO	14.376	NO
7	51 13C3-PFBA-EIS	216.1 > 171.8	3.008e3		1.00	1.18	265.512	3008.202	12.500	11.3	90.6	NO		
8	56 13C2-PFHxA-EIS	315.0 > 270.0	8.321e3		1.00	2.91	622.011	8321.059	12.500	13.4	107.0	NO		
9	53 13C3-PFBS-EIS	302.0 > 98.9	1.308e3		1.00	2.40	100.808	1307.844	12.500	13.0	103.8	NO		
10	52 13C3-PFPeA-EIS	266.0 > 221.8	4.964e3		1.00	2.11	388.348	4964.262	12.500	12.8	102.3	NO		
11	52 13C3-PFPeA-EIS	266.0 > 221.8	4.964e3		1.00	2.11	388.348	4964.262	12.500	12.8	102.3	NO		
12	52 13C3-PFPeA-EIS	266.0 > 221.8	4.964e3		1.00	2.11	388.348	4964.262	12.500	12.8	102.3	NO		
13	-1													
14	7 PFBS	299.0 > 79.7	1.823e3	1.308e3	1.00	2.40		17.421	10.000	10.2	101.5	NO	2.626	NO
15	10 4:2 FTS	327.0 > 306.9	2.994e3	1.273e3	1.00	2.82		29.394	10.000	9.82	98.2	NO	1.916	NO
16	11 PFHxA	313.0 > 269.0	6.594e3	8.321e3	1.00	2.91		9.906	10.000	9.83	98.3	NO	18.839	NO
17	8 PFEESA	315 > 135	1.854e3	1.308e3	1.00	2.74		17.725	10.000	9.94	99.4	NO	3.954	NO
18	12 PPPeS	349.0 > 80.0	1.949e3	1.308e3	1.00	3.12		18.624	10.000	10.8	107.7	NO	1.870	NO
19	13 HFPO-DA	285 > 169	3.623e2	3.618e2	1.00	3.13		12.516	10.000	9.70	97.0	NO	2.536	NO
20	53 13C3-PFBS-EIS	302.0 > 98.9	1.308e3		1.00	2.40	100.808	1307.844	12.500	13.0	103.8	NO		
21	55 13C2-4:2 FTS-EIS	329 > 79.9	1.273e3		1.00	2.82	96.532	1273.073	12.500	13.2	105.5	NO		
22	56 13C2-PFHxA-EIS	315.0 > 270.0	8.321e3		1.00	2.91	622.011	8321.059	12.500	13.4	107.0	NO		
23	53 13C3-PFBS-EIS	302.0 > 98.9	1.308e3		1.00	2.40	100.808	1307.844	12.500	13.0	103.8	NO		
24	53 13C3-PFBS-EIS	302.0 > 98.9	1.308e3		1.00	2.40	100.808	1307.844	12.500	13.0	103.8	NO		
25	54 13C3-HFPO-DA-EIS	287.0 > 169	3.618e2		1.00	3.13	24.857	361.829	12.500	14.6	116.5	NO		
26	-1													
27	9 NFDHA	201 > 85	3.900e3	8.321e3	1.00	2.81		5.858	10.000	9.62	96.2	NO	13.477	NO
28	14 5:3 FTCA	340.9 > 236.9	1.098e3	4.982e3	1.00	3.47		2.756	10.000	9.07	90.7	NO	1.594	NO
29	15 PFHpA	363.0 > 318.9	4.969e3	4.982e3	1.00	3.52		12.466	10.000	9.90	99.0	NO	12.135	NO
30	16 ADONA	376.8 > 250.9	1.593e4	4.982e3	1.00	3.63		39.974	10.000	10.2	101.5	NO	3.349	NO
31	17 L-PFHxA	399 > 80.0	1.949e3	2.483e3	1.00	3.66		9.810	10.000	9.91	99.1	NO	1.665	NO
32	19 6:2 FTS	427 > 407.0	3.280e3	1.319e3	1.00	3.96		31.095	10.000	9.42	94.2	NO	2.281	NO
33	56 13C2-PFHxA-EIS	315.0 > 270.0	8.321e3		1.00	2.91	622.011	8321.059	12.500	13.4	107.0	NO		
34	57 13C4-PFHxA-EIS	367.2 > 321.8	4.982e3		1.00	3.52	380.184	4982.134	12.500	13.1	104.8	NO		
35	57 13C4-PFHxA-EIS	367.2 > 321.8	4.982e3		1.00	3.52	380.184	4982.134	12.500	13.1	104.8	NO		
36	57 13C4-PFHxA-EIS	367.2 > 321.8	4.982e3		1.00	3.52	380.184	4982.134	12.500	13.1	104.8	NO		

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Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
37	58 13C3-PFHxS-EIS	401.8 > 79.9	2.483e3		1.00	3.66	187.592	2482.784	12.500	13.2	105.9	NO		
38	59 13C2-6:2 FTS-EIS	429.0 > 79.9	1.319e3		1.00	3.96	95.748	1318.558	12.500	13.8	110.2	NO		
39	-1													
40	20 L-PFOA	412.8 > 368.9	1.073e4	9.689e3	1.00	4.02		13.847	10.000	10.5	105.1	NO	3.990	NO
41	22 PFecHS	460.8 > 381.0	3.828e3	9.689e3	1.00	4.04		4.938	10.000	10.7	106.8	NO	1.032	NO
42	23 PFHpS	448.9 > 80.0	2.022e3	2.786e3	1.00	4.14		9.070	10.000	10.3	102.7	NO	2.077	NO
43	24 7:3 FTCA	441.0 > 337.0	2.358e3	1.056e4	1.00	4.44		2.791	10.000	9.13	91.3	NO	1.506	NO
44	25 PFNA	463.0 > 418.8	9.537e3	1.056e4	1.00	4.46		11.289	10.000	10.5	104.8	NO	3.882	NO
45	26 PFOSA	498.0 > 78.0	2.469e3	3.499e3	1.00	4.51		8.822	10.000	9.61	96.1	NO	25.074	NO
46	62 13C2-PFOA-EIS	414.9 > 369.7	9.689e3		1.00	4.02	775.038	9689.193	12.500	12.5	100.0	NO		
47	62 13C2-PFOA-EIS	414.9 > 369.7	9.689e3		1.00	4.02	775.038	9689.193	12.500	12.5	100.0	NO		
48	63 13C8-PFOS-EIS	507.0 > 80	2.786e3		1.00	4.55	214.550	2786.167	12.500	13.0	103.9	NO		
49	60 13C5-PFNA-EIS	468.2 > 422.9	1.056e4		1.00	4.46	788.455	10559.560	12.500	13.4	107.1	NO		
50	60 13C5-PFNA-EIS	468.2 > 422.9	1.056e4		1.00	4.46	788.455	10559.560	12.500	13.4	107.1	NO		
51	61 13C8-PFOSA-EIS	506. > 78	3.499e3		1.00	4.51	263.334	3498.574	12.500	13.3	106.3	NO		
52	-1													
53	27 L-PFOS	499 > 79.9	2.434e3	2.786e3	1.00	4.55		10.919	10.000	10.7	106.8	NO	2.044	NO
54	29 9Cl-PF30NS	530.9>351	9.320e3	2.786e3	1.00	4.77		41.813	10.000	10.4	104.1	NO	24.206	NO
55	30 PFDA	513 > 468.8	1.130e4	9.935e3	1.00	4.84		14.215	10.000	10.1	100.9	NO	5.074	NO
56	31 8:2 FTS	527 > 507.0	3.353e3	1.542e3	1.00	4.81		27.177	10.000	10.5	105.4	NO	2.111	NO
57	32 PFNS	548.9 > 79.9	1.643e3	2.786e3	1.00	4.90		7.370	10.000	10.5	105.2	NO	1.100	NO
58	33 L-MeFOSAA	570 > 419	5.336e3	7.726e3	1.00	4.99		8.633	10.000	9.61	96.1	NO	2.625	NO
59	63 13C8-PFOS-EIS	507.0 > 80	2.786e3		1.00	4.55	214.550	2786.167	12.500	13.0	103.9	NO		
60	63 13C8-PFOS-EIS	507.0 > 80	2.786e3		1.00	4.55	214.550	2786.167	12.500	13.0	103.9	NO		
61	64 13C2-PFDA-EIS	515.1 > 469.9	9.935e3		1.00	4.84	768.980	9935.180	12.500	12.9	103.4	NO		
62	65 13C2-8:2 FTS-EIS	529 > 79.9	1.542e3		1.00	4.80	117.592	1542.241	12.500	13.1	104.9	NO		
63	63 13C8-PFOS-EIS	507.0 > 80	2.786e3		1.00	4.55	214.550	2786.167	12.500	13.0	103.9	NO		
64	66 d3-N-MeFOSAA-EIS	573 > 419	7.726e3		1.00	4.99	556.607	7726.286	12.500	13.9	111.0	NO		
65	-1													
66	35 L-EtFOSAA	584 > 419	5.637e3	6.699e3	1.00	5.15		10.518	10.000	10.5	105.0	NO	1.523	NO
67	37 PFUdA	563.0 > 518.9	1.124e4	1.370e4	1.00	5.17		10.255	10.000	10.9	109.1	NO	8.833	NO
68	38 PFDS	599.0 > 80.0	2.240e3	2.786e3	1.00	5.21		10.050	10.000	10.3	102.9	NO	1.637	NO
69	39 11Cl-PF30UdS	630.9 > 450.9	7.688e3	1.711e4	1.00	5.38		5.618	10.000	10.7	107.1	NO	25.753	NO
70	40 10:2 FTS	626.9 > 607	2.688e3	1.115e3	1.00	5.43		30.139	10.000	10.6	105.8	NO	1.661	NO
71	41 PFDoA	612.9 > 569.0	1.316e4	1.711e4	1.00	5.45		9.614	10.000	10.6	106.0	NO	8.022	NO
72	68 d5-N-EtFOSAA-EIS	589 > 419	6.699e3		1.00	5.14	519.234	6699.163	12.500	12.9	103.2	NO		

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Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

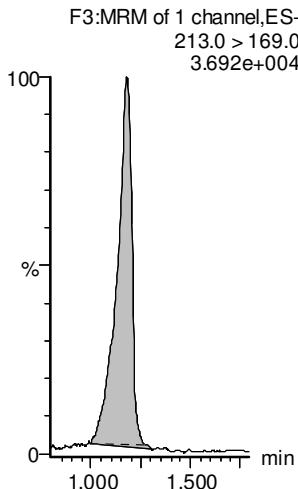
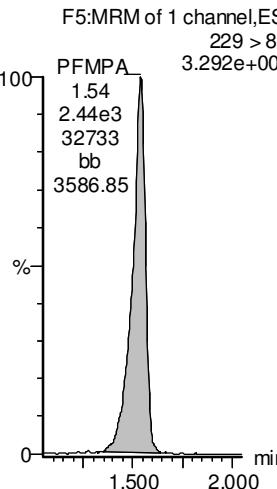
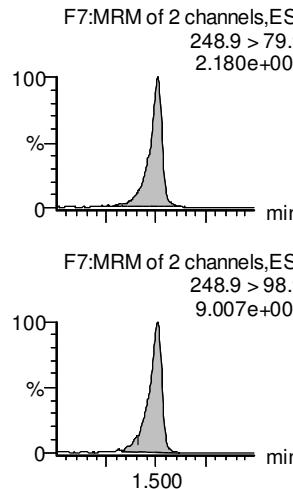
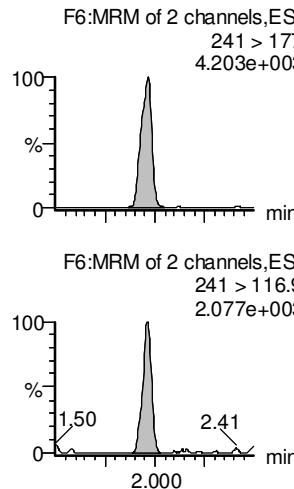
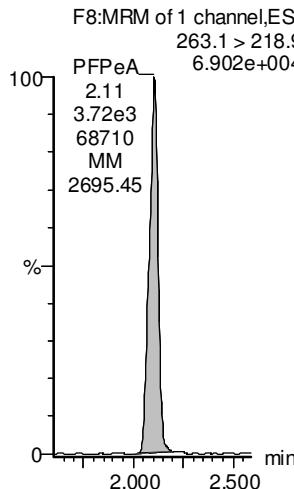
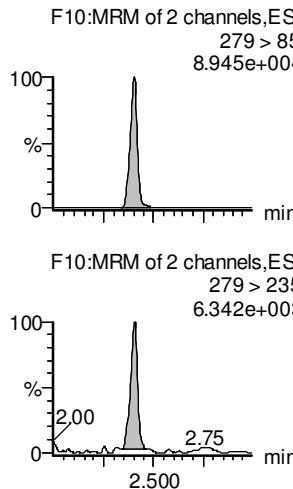
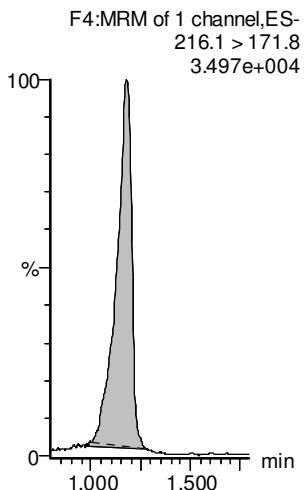
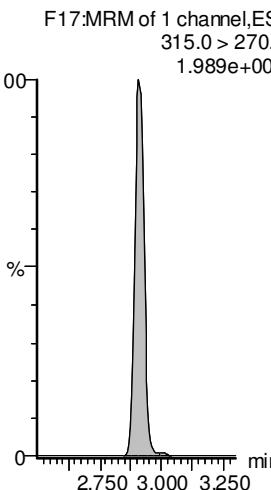
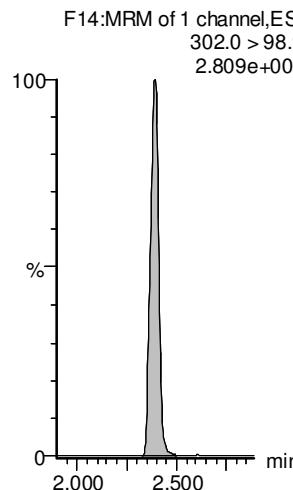
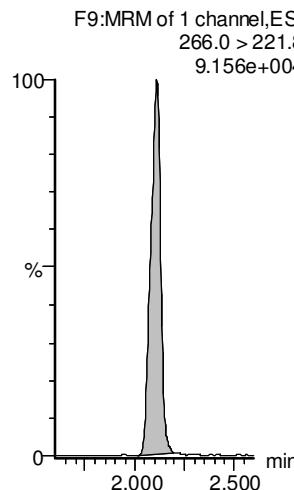
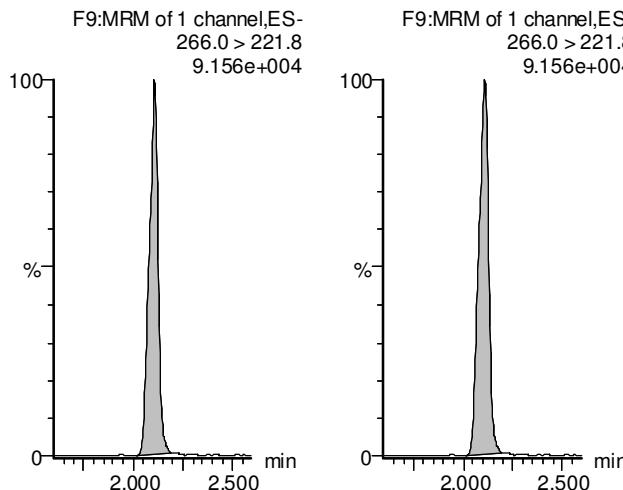
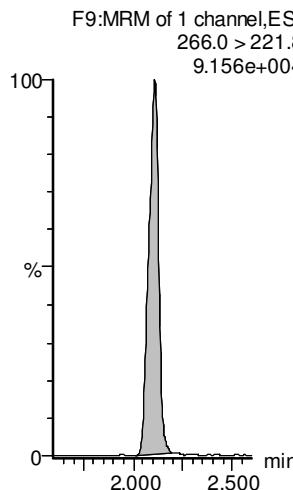
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73	67 13C2-PFUdA-EIS	565 > 519.8	1.370e4		1.00	5.16	1124.914	13698.160	12.500	12.2	97.4	NO		
74	63 13C8-PFOS-EIS	507.0 > 80	2.786e3		1.00	4.55	214.550	2786.167	12.500	13.0	103.9	NO		
75	69 13C2-PFDoA-EIS	615 > 570	1.711e4		1.00	5.45	1278.054	17106.039	12.500	13.4	107.1	NO		
76	70 13C2-10:2 FTS-EIS	633 > 79.9	1.115e3		1.00	5.43	92.290	1114.658	12.500	12.1	96.6	NO		
77	69 13C2-PFDoA-EIS	615 > 570	1.711e4		1.00	5.45	1278.054	17106.039	12.500	13.4	107.1	NO		
78	-1													
79	42 N-MeFOSA	511.9 > 169	1.254e3	1.366e4	1.00	5.54		13.698	10.000	10.0	100.2	NO	1.166	NO
80	43 PFTrDA	662.9 > 618.9	1.201e4	1.711e4	1.00	5.70		8.776	10.000	10.1	101.2	NO	9.090	NO
81	44 PFDoS	698.9 > 80	2.496e3	1.046e4	1.00	5.73		2.982	10.000	11.4	113.8	NO	1.881	NO
82	45 PFTeDA	713.0 > 669.0	1.332e4	1.046e4	1.00	5.91		15.917	10.000	10.9	109.4	NO	13.073	NO
83	46 N-EtFOSA	526 > 169	1.594e3	1.851e4	1.00	6.00		12.851	10.000	9.83	98.3	NO	1.315	NO
84	47 PFHxDA	813.1 > 768.6	7.882e3	1.250e4	1.00	6.28		7.883	10.000	10.1	100.9	NO	25.503	NO
85	71 d3-N-MeFOSA-EIS	515.2 > 168.9	1.366e4		1.00	5.57	88.087	13661.516	149.200	155	103.9	NO		
86	69 13C2-PFDoA-EIS	615 > 570	1.711e4		1.00	5.45	1278.054	17106.039	12.500	13.4	107.1	NO		
87	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.046e4		1.00	5.91	860.517	10460.926	12.500	12.2	97.3	NO		
88	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.046e4		1.00	5.91	860.517	10460.926	12.500	12.2	97.3	NO		
89	73 d5-N-ETFOSA-EIS	531.1 > 168.9	1.851e4		1.00	6.02	116.314	18511.309	149.200	159	106.7	NO		
90	74 13C2-PFHxDA-EIS	815 > 769.7	1.250e4		1.00	6.28	1042.649	12498.610	12.500	12.0	95.9	NO		
91	-1													
92	48 PFODA	913 > 869	1.239e4	1.250e4	1.00	6.52		12.387	10.000	11.0	110.2	NO		
93	49 N-MeFOSE	616 > 59	5.080e2	7.786e3	1.00	6.23		9.734	10.000	10.3	103.1	NO		
94	50 N-EtFOSE	630.1 > 58.9	6.502e2	8.772e3	1.00	6.38		11.059	10.000	10.3	102.8	NO		
95	63 13C8-PFOS-EIS	507.0 > 80	2.786e3		1.00	4.55	214.550	2786.167	12.500	13.0	103.9	NO		
96	63 13C8-PFOS-EIS	507.0 > 80	2.786e3		1.00	4.55	214.550	2786.167	12.500	13.0	103.9	NO		
97	63 13C8-PFOS-EIS	507.0 > 80	2.786e3		1.00	4.55	214.550	2786.167	12.500	13.0	103.9	NO		
98	74 13C2-PFHxDA-EIS	815 > 769.7	1.250e4		1.00	6.28	1042.649	12498.610	12.500	12.0	95.9	NO		
99	75 d7-N-MeFOSE-EIS	623.1 > 58.9	7.786e3		1.00	6.21	53.555	7785.881	149.200	145	97.4	NO		
100	76 d9-N-EtFOSE-EIS	639.2 > 58.8	8.772e3		1.00	6.37	59.717	8771.791	149.200	147	98.5	NO		

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_71, **Date:** 26-Mar-2021, **Time:** 00:52:19, **ID:** ST210325M1-13 PFC CS3 21C0806, **Description:** PFC CS3 21C0806**PFBA****PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBs-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

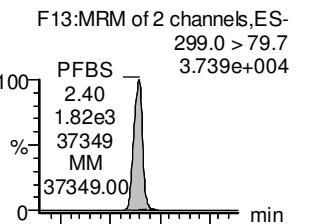
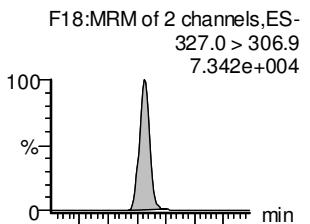
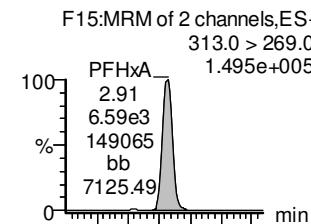
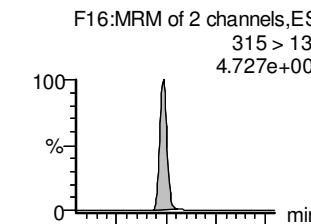
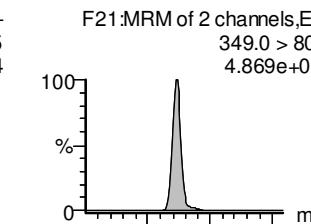
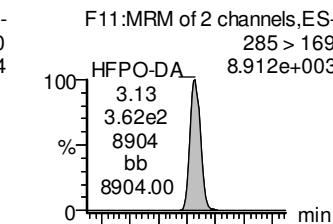
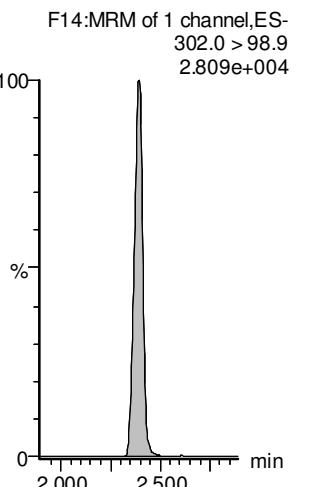
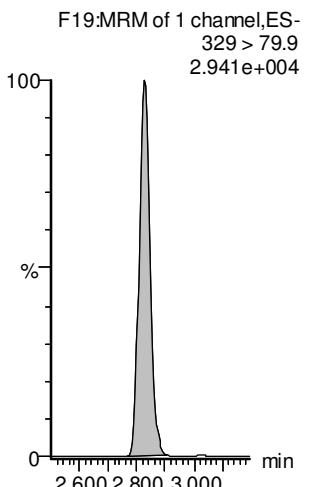
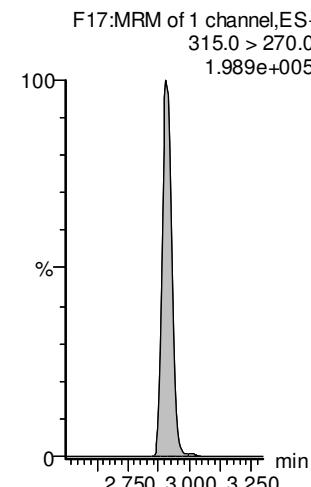
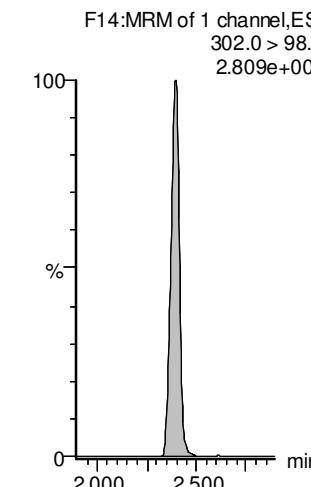
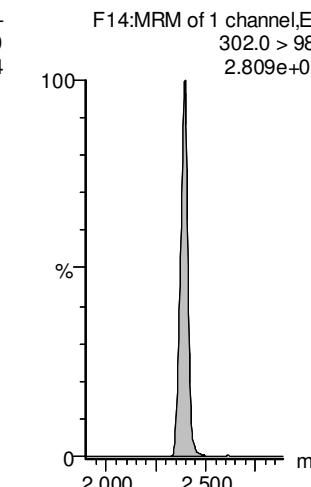
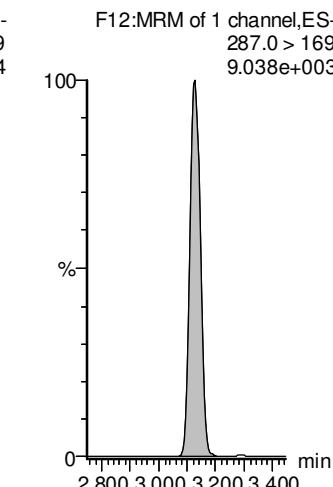
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Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

PFBS**4:2 FTS****PFHxA****PFEESA****PFPeS****HFPO-DA****13C3-PFBS-EIS****13C2-4:2 FTS-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFBS-EIS****13C3-HFPO-DA-EIS**

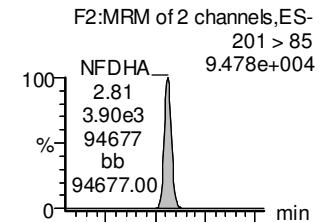
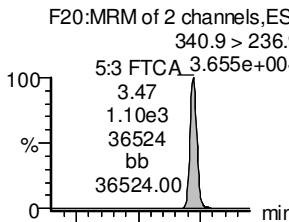
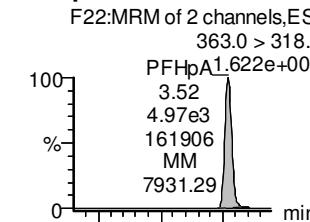
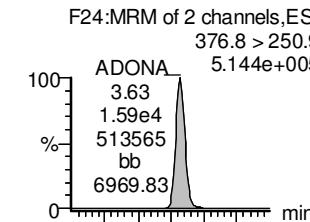
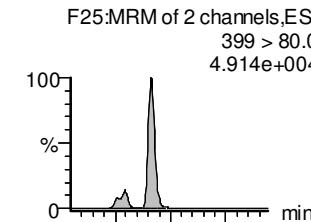
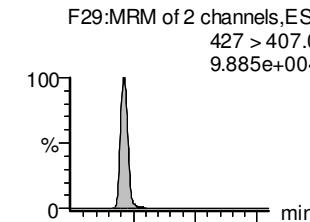
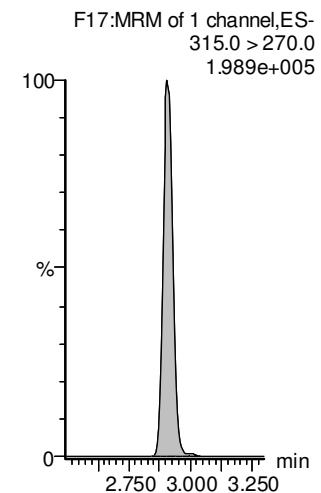
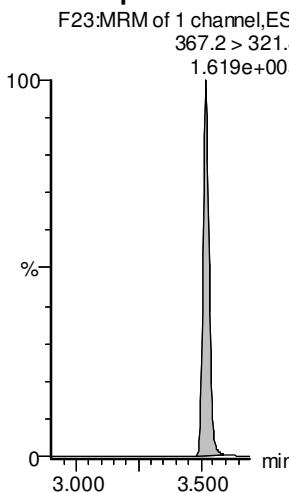
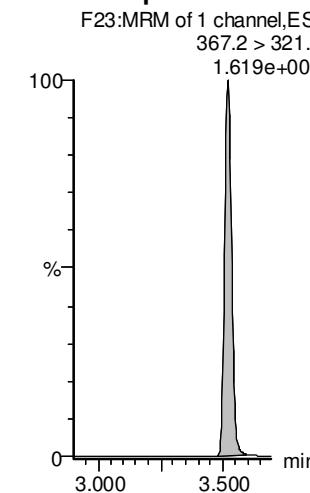
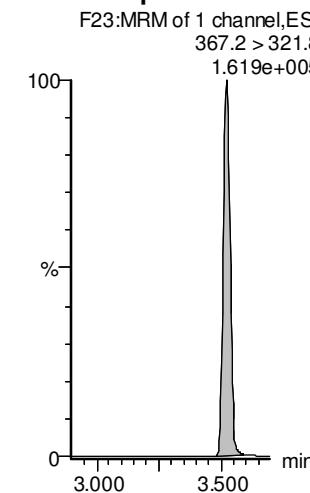
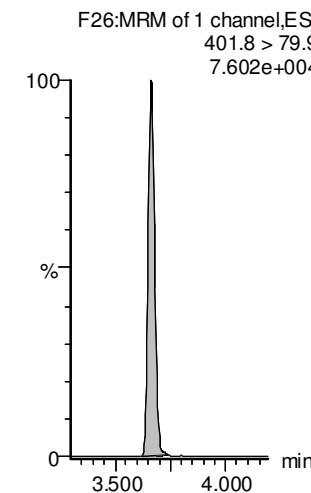
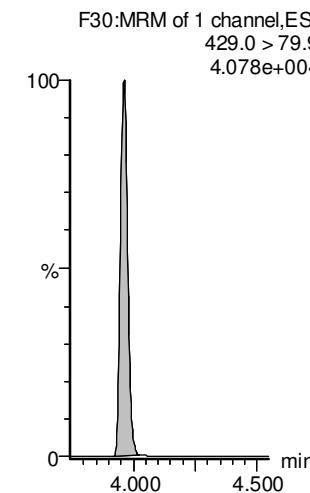
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Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFHxS****6:2 FTS****13C2-PFHxA-EIS****13C4-PFHxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFHxS-EIS****13C2-6:2 FTS-EIS**

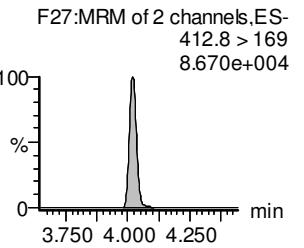
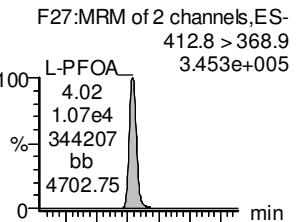
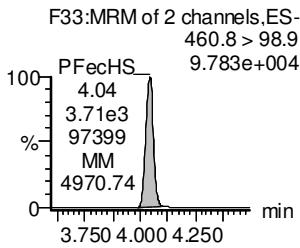
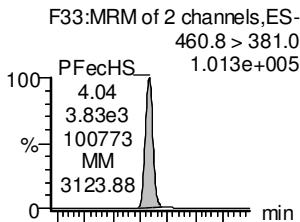
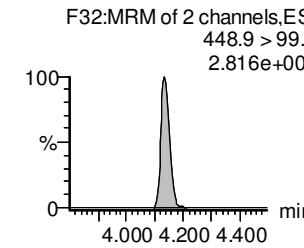
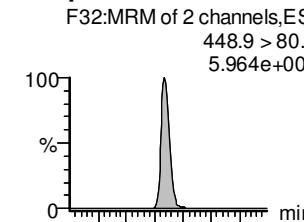
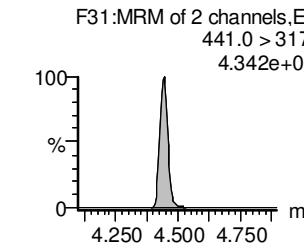
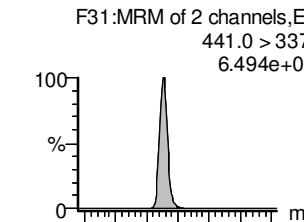
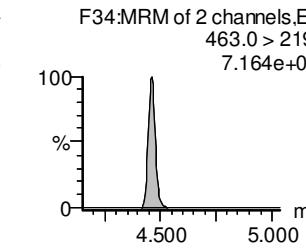
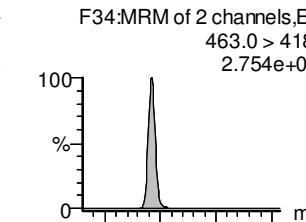
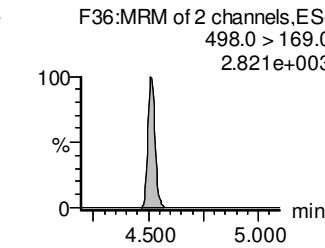
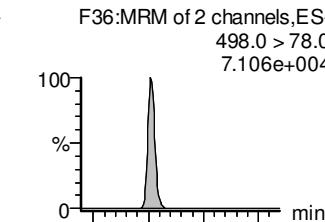
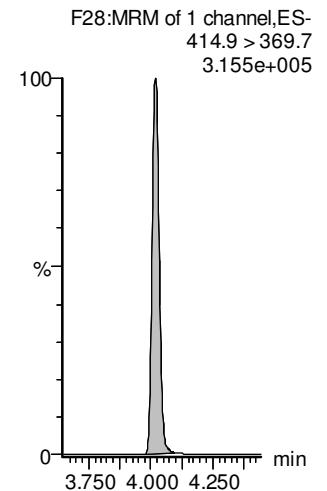
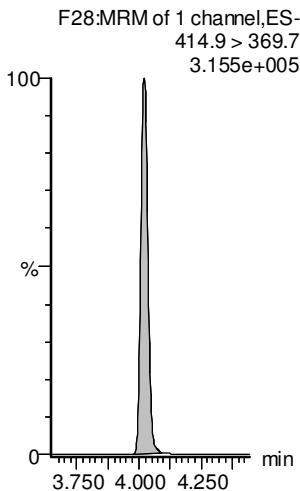
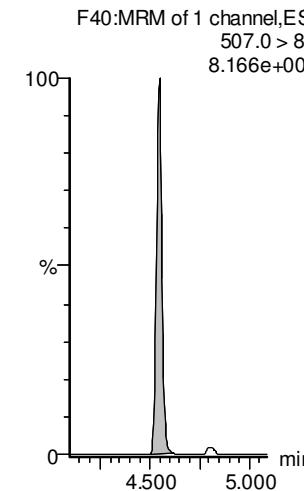
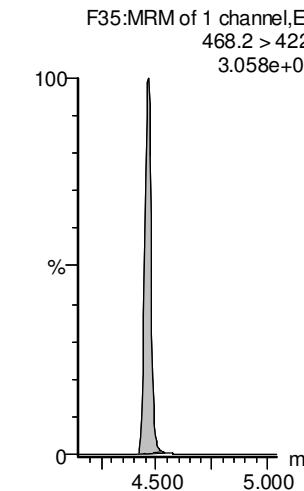
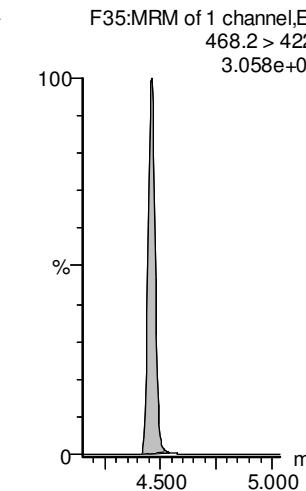
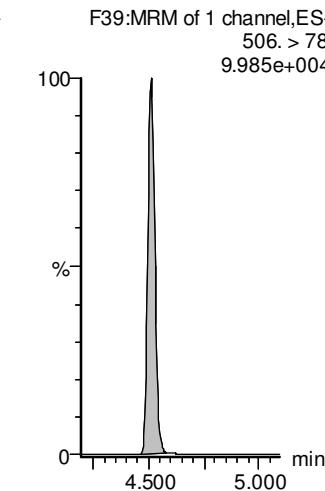
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Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

L-PFOA**PFEChS****PFHpS****7:3 FTCA****PFNA****PFOSA****13C2-PFOA-EIS****13C2-PFOA-EIS****13C8-PFOS-EIS****13C5-PFNA-EIS****13C5-PFNA-EIS****13C8-PFOSA-EIS**

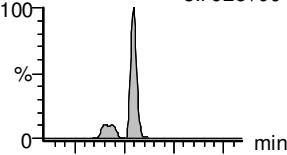
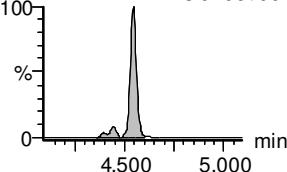
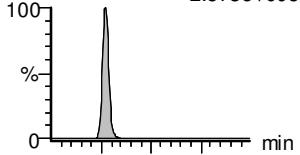
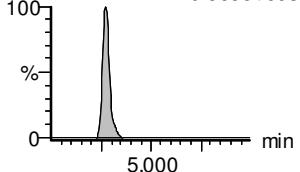
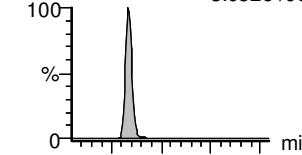
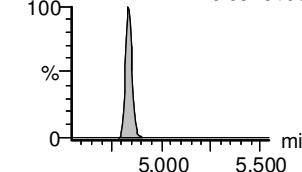
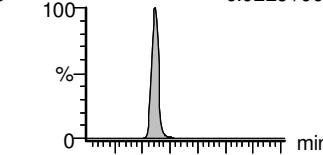
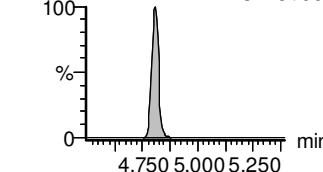
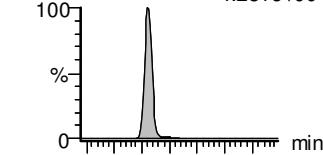
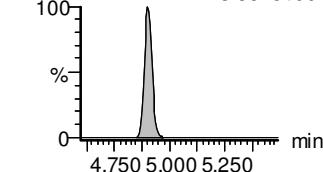
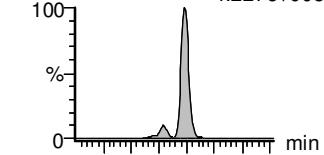
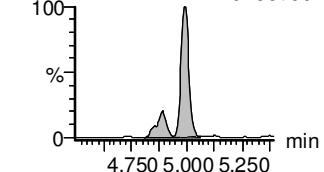
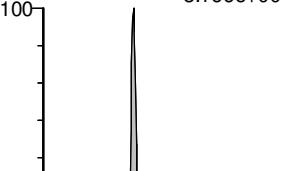
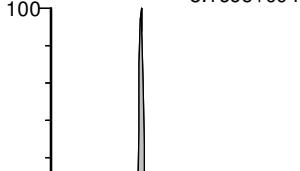
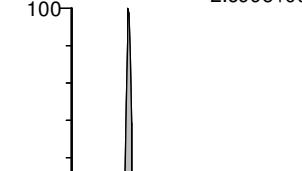
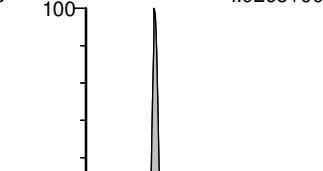
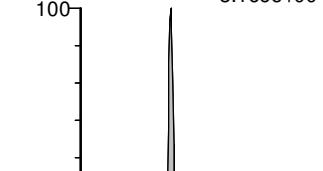
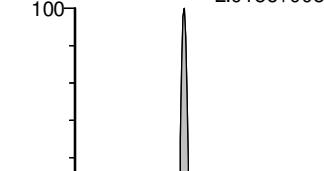
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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-71.qld

Last Altered: Friday, March 26, 2021 09:36:28 Pacific Daylight Time

Printed: Friday, March 26, 2021 09:36:50 Pacific Daylight Time

Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
5.792e+004F38:MRM of 2 channels,ES-
499 > 99
3.070e+004**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
2.573e+005F48:MRM of 2 channels,ES-
530.9 > 82.9
9.565e+003**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
3.082e+005F42:MRM of 2 channels,ES-
513 > 219
6.051e+004**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
9.022e+004F46:MRM of 2 channels,ES-
527 > 80.9
4.324e+004**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
4.281e+004F50:MRM of 2 channels,ES-
548.9 > 99
3.857e+004**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
1.227e+005F53:MRM of 2 channels,ES-
570 > 512
4.025e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.166e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.166e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.699e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
4.029e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.166e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
2.015e+005

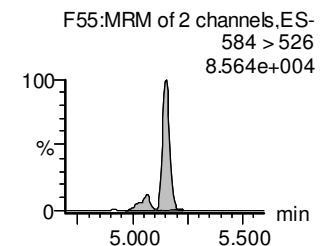
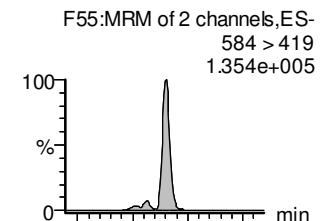
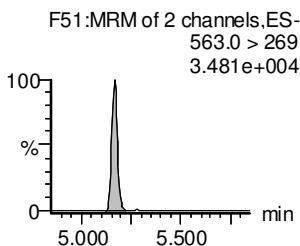
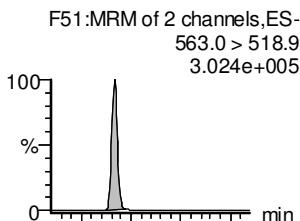
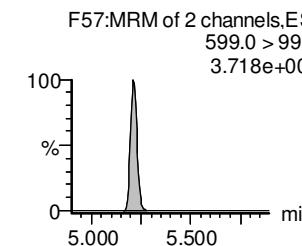
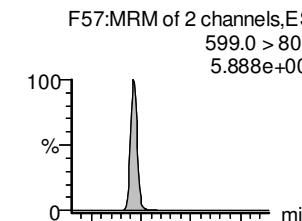
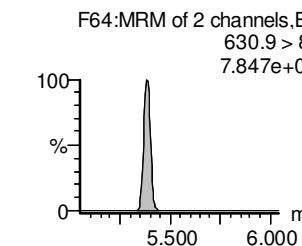
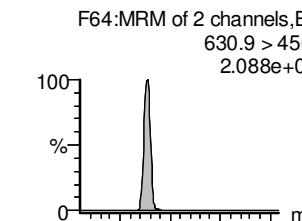
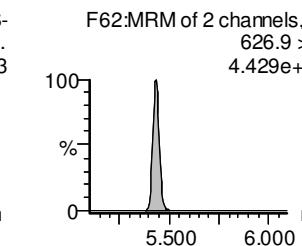
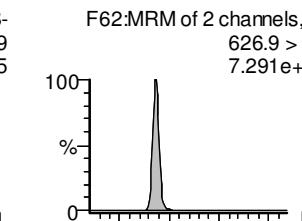
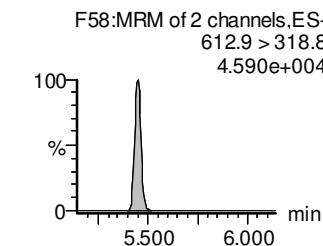
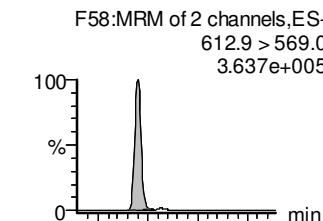
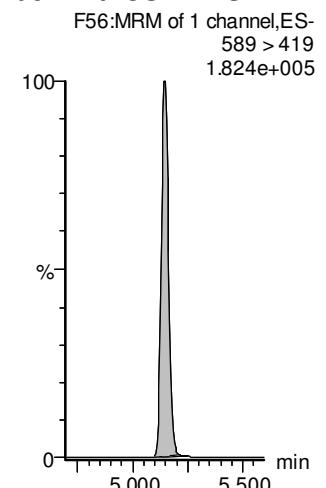
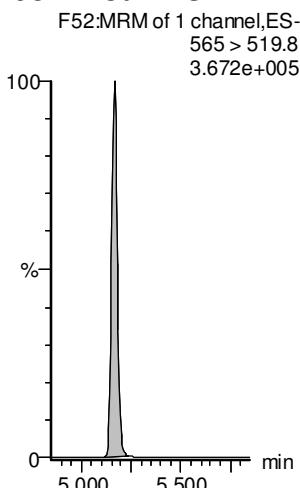
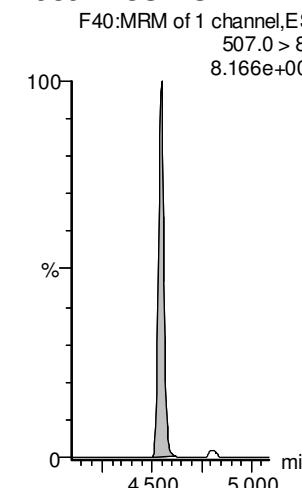
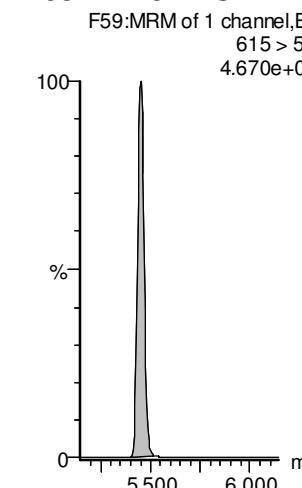
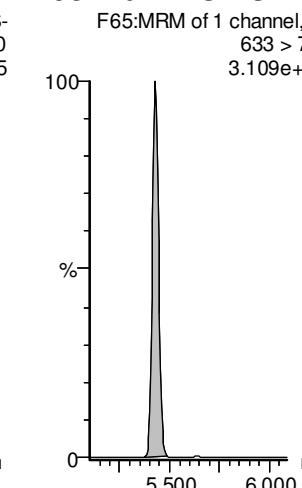
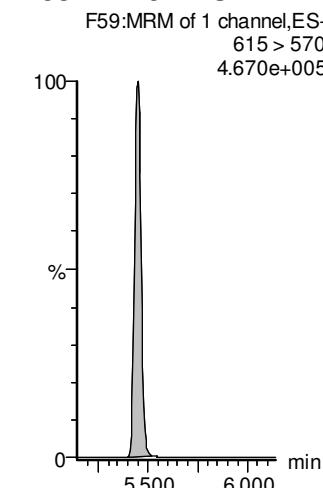
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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-71.qld

Last Altered: Friday, March 26, 2021 09:36:28 Pacific Daylight Time

Printed: Friday, March 26, 2021 09:36:50 Pacific Daylight Time

Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

L-EtFOSAA**PFUdA****PFDS****11CI-PF30UdS****10:2 FTS****PFDoA****d5-N-EtFOSAA-EIS****13C2-PFUdA-EIS****13C8-PFOS-EIS****13C2-PFDoA-EIS****13C2-10:2 FTS-EIS****13C2-PFDa-EIS**

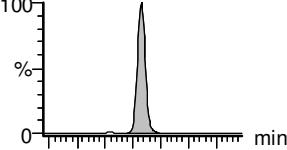
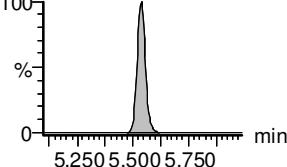
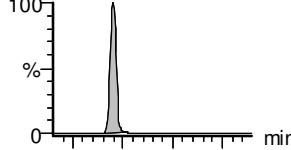
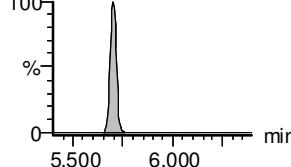
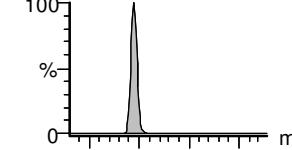
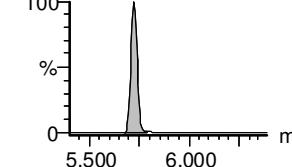
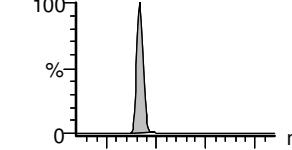
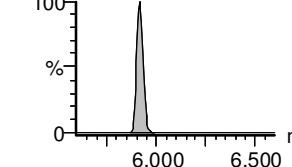
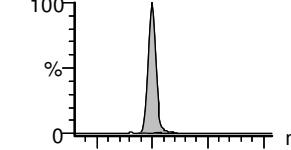
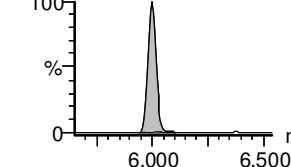
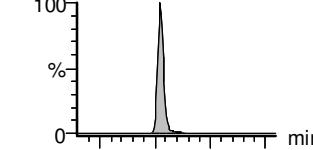
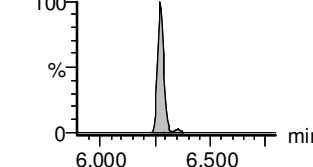
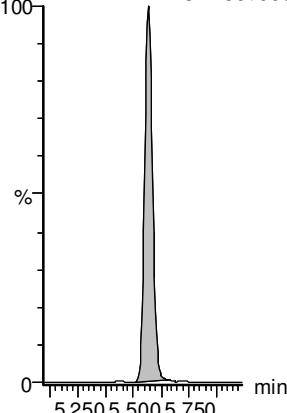
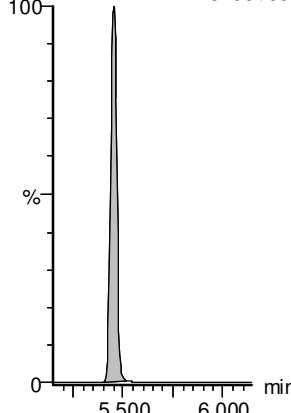
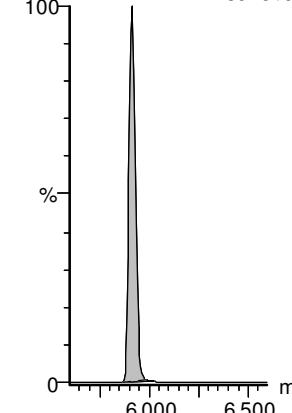
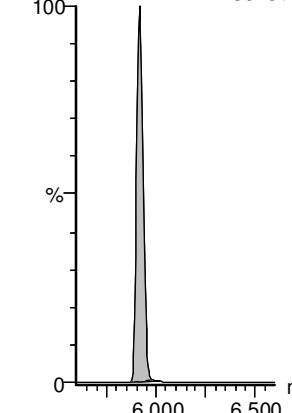
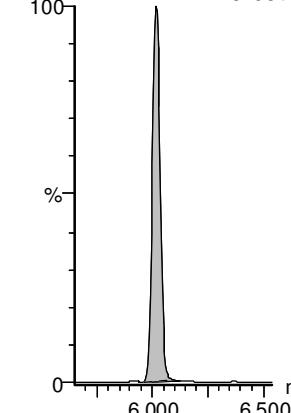
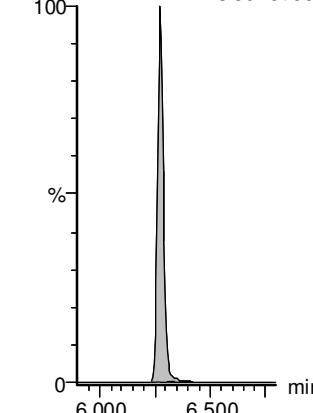
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Printed: Friday, March 26, 2021 09:36:50 Pacific Daylight Time

Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
3.115e+004F41:MRM of 2 channels,ES-
511.9 > 219
2.588e+004**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
3.425e+005F67:MRM of 2 channels,ES-
662.9 > 319
3.669e+004**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
7.119e+004F68:MRM of 2 channels,ES-
698.9 > 99
3.765e+004**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
3.568e+005F69:MRM of 2 channels,ES-
713. > 369.0
2.745e+004**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
3.945e+004F45:MRM of 2 channels,ES-
526 > 219
2.896e+004**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
2.281e+005F71:MRM of 2 channels,ES-
813.1 > 219
8.491e+003**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.428e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.670e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.801e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.801e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.629e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.591e+005

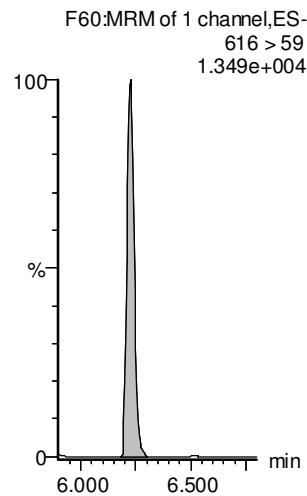
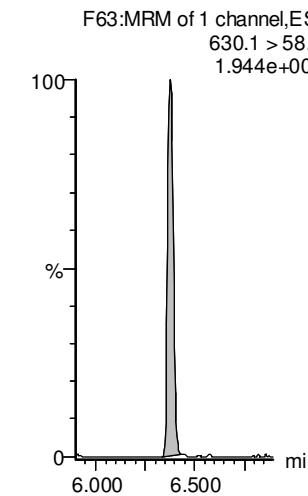
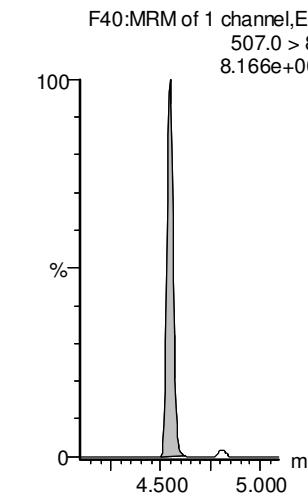
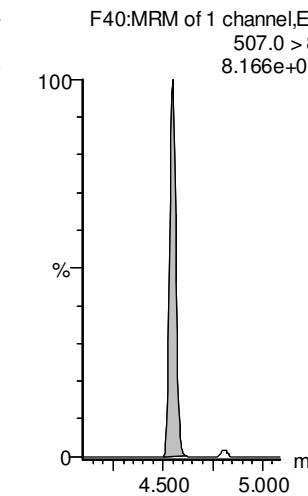
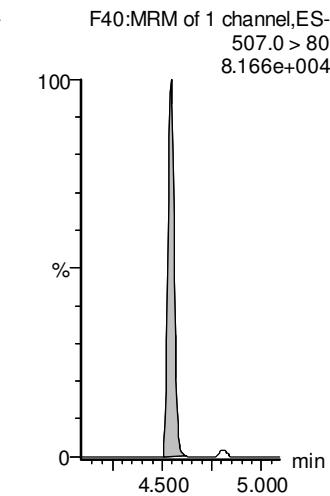
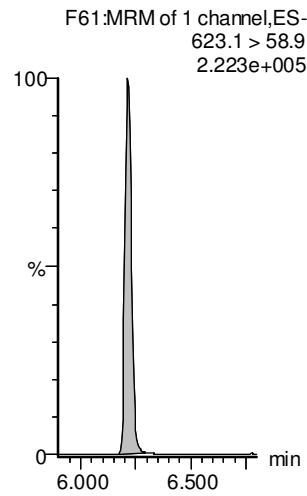
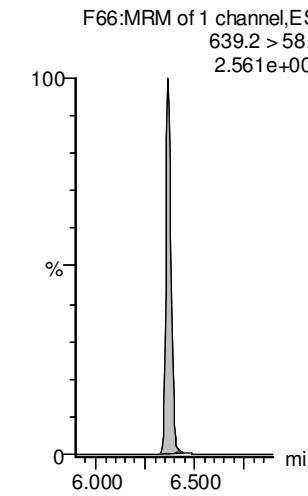
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Printed: Friday, March 26, 2021 09:36:50 Pacific Daylight Time

Name: 210325M1_71, Date: 26-Mar-2021, Time: 00:52:19, ID: ST210325M1-13 PFC CS3 21C0806, Description: PFC CS3 21C0806

PFODA**N-MeFOSE****N-EtFOSE****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFHxDAA-EIS****d7-N-MeFOSE-EIS****d9-N-EtFOSE-EIS**

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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-87.qld

Last Altered: Friday, March 26, 2021 09:44:52 Pacific Daylight Time

Printed: Friday, March 26, 2021 09:45:19 Pacific Daylight Time

OPV 3/26/2021

Name: 210325M1_87, Date: 26-Mar-2021, Time: 03:38:20, ID: ST210325M1-14 PFC CS3 21C0806, Description: PFC CS3 21C0806

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	2.990e3	3.123e3	1.00	1.18		11.970	10.000	9.96	99.6	NO		
2	3 PFMPA	229 > 85	2.546e3	8.185e3	1.00	1.54		3.888	10.000	9.54	95.4	NO		
3	2 PFPrS	248.9 > 79.9	1.645e3	1.404e3	1.00	1.51		14.647	10.000	9.25	92.5	NO	2.432	NO
4	4 3:3 FTCA	241 > 177	2.350e2	4.995e3	1.00	1.96		0.588	10.000	9.02	90.2	NO	1.812	NO
5	5 PFPeA	263.1 > 218.9	3.750e3	4.995e3	1.00	2.11		9.385	10.000	10.3	102.8	NO		
6	6 PFMBA	279 > 85	4.008e3	4.995e3	1.00	2.40		10.031	10.000	9.96	99.6	NO	13.928	NO
7	51 13C3-PFBA-EIS	216.1 > 171.8	3.123e3		1.00	1.17	265.512	3122.745	12.500	11.8	94.1	NO		
8	56 13C2-PFHxA-EIS	315.0 > 270.0	8.185e3		1.00	2.91	622.011	8185.413	12.500	13.2	105.3	NO		
9	53 13C3-PFBS-EIS	302.0 > 98.9	1.404e3		1.00	2.40	100.808	1403.812	12.500	13.9	111.4	NO		
10	52 13C3-PFPeA-EIS	266.0 > 221.8	4.995e3		1.00	2.11	388.348	4994.941	12.500	12.9	102.9	NO		
11	52 13C3-PFPeA-EIS	266.0 > 221.8	4.995e3		1.00	2.11	388.348	4994.941	12.500	12.9	102.9	NO		
12	52 13C3-PFPeA-EIS	266.0 > 221.8	4.995e3		1.00	2.11	388.348	4994.941	12.500	12.9	102.9	NO		
13	-1													
14	7 PFBS	299.0 > 79.7	1.990e3	1.404e3	1.00	2.40		17.719	10.000	10.3	103.3	NO	2.891	NO
15	10 4:2 FTS	327.0 > 306.9	3.030e3	1.220e3	1.00	2.82		31.051	10.000	10.4	103.8	NO	1.943	NO
16	11 PFHxA	313.0 > 269.0	6.816e3	8.185e3	1.00	2.91		10.409	10.000	10.3	103.4	NO	21.079	NO
17	8 PFEESA	315 > 135	1.871e3	1.404e3	1.00	2.74		16.657	10.000	9.34	93.4	NO	3.653	NO
18	12 PPPeS	349.0 > 80.0	1.866e3	1.404e3	1.00	3.12		16.617	10.000	9.60	96.0	NO	1.702	NO
19	13 HFPO-DA	285 > 169	3.387e2	3.623e2	1.00	3.13		11.684	10.000	9.06	90.6	NO	2.245	NO
20	53 13C3-PFBS-EIS	302.0 > 98.9	1.404e3		1.00	2.40	100.808	1403.812	12.500	13.9	111.4	NO		
21	55 13C2-4:2 FTS-EIS	329 > 79.9	1.220e3		1.00	2.82	96.532	1219.626	12.500	12.6	101.1	NO		
22	56 13C2-PFHxA-EIS	315.0 > 270.0	8.185e3		1.00	2.91	622.011	8185.413	12.500	13.2	105.3	NO		
23	53 13C3-PFBS-EIS	302.0 > 98.9	1.404e3		1.00	2.40	100.808	1403.812	12.500	13.9	111.4	NO		
24	53 13C3-PFBS-EIS	302.0 > 98.9	1.404e3		1.00	2.40	100.808	1403.812	12.500	13.9	111.4	NO		
25	54 13C3-HFPO-DA-EIS	287.0 > 169	3.623e2		1.00	3.13	24.857	362.325	12.500	14.6	116.6	NO		
26	-1													
27	9 NFDHA	201 > 85	3.978e3	8.185e3	1.00	2.81		6.074	10.000	9.98	99.8	NO	15.640	NO
28	14 5:3 FTCA	340.9 > 236.9	1.091e3	5.049e3	1.00	3.47		2.701	10.000	8.89	88.9	NO	1.630	NO
29	15 PFHpA	363.0 > 318.9	5.002e3	5.049e3	1.00	3.52		12.383	10.000	9.84	98.4	NO	11.813	NO
30	16 ADONA	376.8 > 250.9	1.608e4	5.049e3	1.00	3.63		39.818	10.000	10.1	101.1	NO	3.412	NO
31	17 L-PFHxA	399 > 80.0	2.031e3	2.481e3	1.00	3.66		10.231	10.000	10.3	103.3	NO	1.653	NO
32	19 6:2 FTS	427 > 407.0	3.382e3	1.325e3	1.00	3.96		31.917	10.000	9.67	96.7	NO	2.372	NO
33	56 13C2-PFHxA-EIS	315.0 > 270.0	8.185e3		1.00	2.91	622.011	8185.413	12.500	13.2	105.3	NO		
34	57 13C4-PFHxA-EIS	367.2 > 321.8	5.049e3		1.00	3.52	380.184	5049.401	12.500	13.3	106.3	NO		
35	57 13C4-PFHxA-EIS	367.2 > 321.8	5.049e3		1.00	3.52	380.184	5049.401	12.500	13.3	106.3	NO		
36	57 13C4-PFHxA-EIS	367.2 > 321.8	5.049e3		1.00	3.52	380.184	5049.401	12.500	13.3	106.3	NO		

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Name: 210325M1_87, Date: 26-Mar-2021, Time: 03:38:20, ID: ST210325M1-14 PFC CS3 21C0806, Description: PFC CS3 21C0806

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
37	58 13C3-PFHxS-EIS	401.8 > 79.9	2.481e3		1.00	3.66	187.592	2480.943	12.500	13.2	105.8	NO		
38	59 13C2-6:2 FTS-EIS	429.0 > 79.9	1.325e3		1.00	3.96	95.748	1324.617	12.500	13.8	110.7	NO		
39	-1													
40	20 L-PFOA	412.8 > 368.9	1.104e4	1.006e4	1.00	4.02		13.715	10.000	10.4	104.1	NO	3.816	NO
41	22 PFecHS	460.8 > 381.0	3.848e3	1.006e4	1.00	4.04		4.780	10.000	10.3	103.4	NO	1.048	NO
42	23 PFHpS	448.9 > 80.0	2.158e3	2.812e3	1.00	4.14		9.592	10.000	10.9	108.6	NO	2.045	NO
43	24 7:3 FTCA	441.0 > 337.0	2.362e3	1.029e4	1.00	4.44		2.869	10.000	9.38	93.8	NO	1.424	NO
44	25 PFNA	463.0 > 418.8	9.736e3	1.029e4	1.00	4.46		11.826	10.000	11.0	109.8	NO	4.013	NO
45	26 PFOSA	498.0 > 78.0	2.486e3	3.342e3	1.00	4.51		9.298	10.000	10.1	101.3	NO	29.510	NO
46	62 13C2-PFOA-EIS	414.9 > 369.7	1.006e4		1.00	4.02	775.038	10060.944	12.500	13.0	103.8	NO		
47	62 13C2-PFOA-EIS	414.9 > 369.7	1.006e4		1.00	4.02	775.038	10060.944	12.500	13.0	103.8	NO		
48	63 13C8-PFOS-EIS	507.0 > 80	2.812e3		1.00	4.55	214.550	2811.926	12.500	13.1	104.8	NO		
49	60 13C5-PFNA-EIS	468.2 > 422.9	1.029e4		1.00	4.46	788.455	10291.217	12.500	13.1	104.4	NO		
50	60 13C5-PFNA-EIS	468.2 > 422.9	1.029e4		1.00	4.46	788.455	10291.217	12.500	13.1	104.4	NO		
51	61 13C8-PFOSA-EIS	506. > 78	3.342e3		1.00	4.51	263.334	3341.632	12.500	12.7	101.5	NO		
52	-1													
53	27 L-PFOS	499 > 79.9	2.369e3	2.812e3	1.00	4.55		10.533	10.000	10.3	103.1	NO	1.972	NO
54	29 9Cl-PF30NS	530.9>351	9.360e3	2.812e3	1.00	4.77		41.608	10.000	10.4	103.6	NO	25.030	NO
55	30 PFDA	513 > 468.8	1.143e4	1.033e4	1.00	4.84		13.826	10.000	9.81	98.1	NO	5.259	NO
56	31 8:2 FTS	527 > 507.0	3.264e3	1.573e3	1.00	4.81		25.938	10.000	10.1	100.6	NO	1.902	NO
57	32 PFNS	548.9 > 79.9	1.663e3	2.812e3	1.00	4.90		7.394	10.000	10.6	105.5	NO	1.112	NO
58	33 L-MeFOSAA	570 > 419	5.600e3	7.810e3	1.00	4.99		8.962	10.000	9.98	99.8	NO	2.545	NO
59	63 13C8-PFOS-EIS	507.0 > 80	2.812e3		1.00	4.55	214.550	2811.926	12.500	13.1	104.8	NO		
60	63 13C8-PFOS-EIS	507.0 > 80	2.812e3		1.00	4.55	214.550	2811.926	12.500	13.1	104.8	NO		
61	64 13C2-PFDA-EIS	515.1 > 469.9	1.033e4		1.00	4.84	768.980	10331.900	12.500	13.4	107.5	NO		
62	65 13C2-8:2 FTS-EIS	529 > 79.9	1.573e3		1.00	4.80	117.592	1573.003	12.500	13.4	107.0	NO		
63	63 13C8-PFOS-EIS	507.0 > 80	2.812e3		1.00	4.55	214.550	2811.926	12.500	13.1	104.8	NO		
64	66 d3-N-MeFOSAA-EIS	573 > 419	7.810e3		1.00	4.99	556.607	7810.374	12.500	14.0	112.3	NO		
65	-1													
66	35 L-EtFOSAA	584 > 419	5.351e3	6.800e3	1.00	5.15		9.836	10.000	9.82	98.2	NO	1.459	NO
67	37 PFUdA	563.0 > 518.9	1.170e4	1.440e4	1.00	5.17		10.151	10.000	10.8	107.9	NO	8.946	NO
68	38 PFDS	599.0 > 80.0	2.279e3	2.812e3	1.00	5.21		10.131	10.000	10.4	103.7	NO	1.605	NO
69	39 11Cl-PF30UdS	630.9 > 450.9	7.580e3	1.738e4	1.00	5.38		5.450	10.000	10.4	103.9	NO	23.147	NO
70	40 10:2 FTS	626.9 > 607	2.627e3	1.164e3	1.00	5.43		28.207	10.000	9.90	99.0	NO	1.618	NO
71	41 PFDoA	612.9 > 569.0	1.315e4	1.738e4	1.00	5.45		9.458	10.000	10.4	104.3	NO	8.519	NO
72	68 d5-N-EtFOSAA-EIS	589 > 419	6.800e3		1.00	5.14	519.234	6800.035	12.500	13.1	104.8	NO		

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Name: 210325M1_87, Date: 26-Mar-2021, Time: 03:38:20, ID: ST210325M1-14 PFC CS3 21C0806, Description: PFC CS3 21C0806

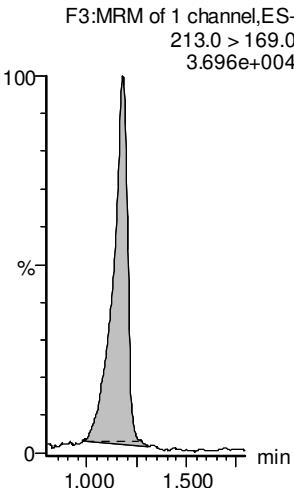
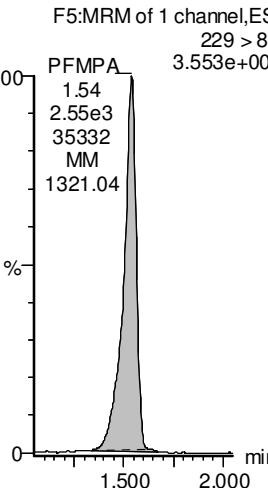
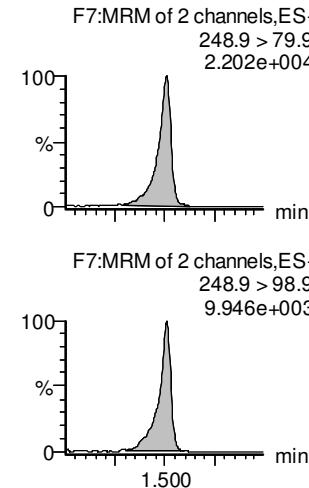
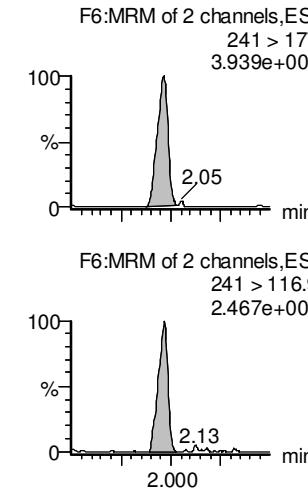
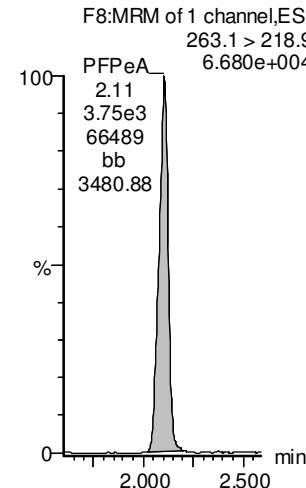
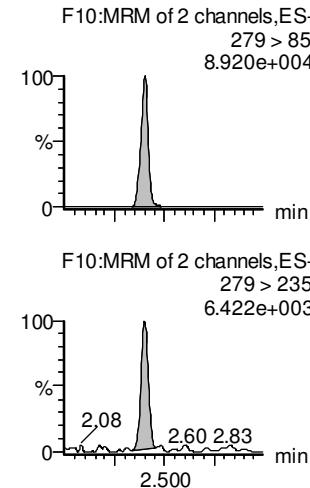
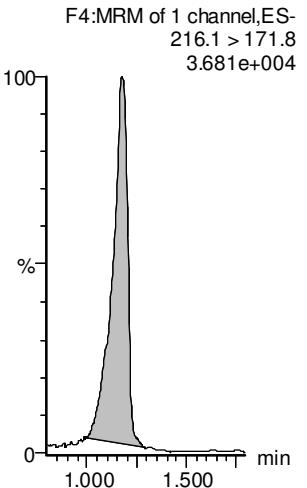
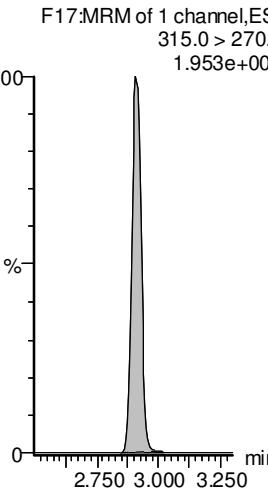
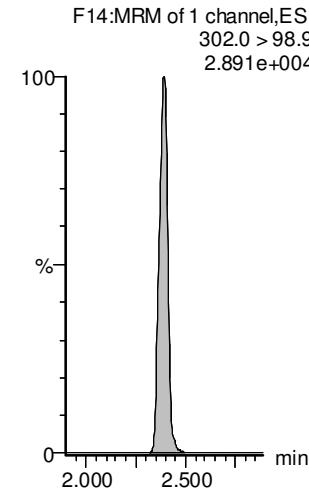
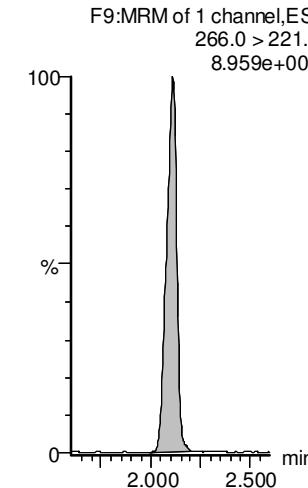
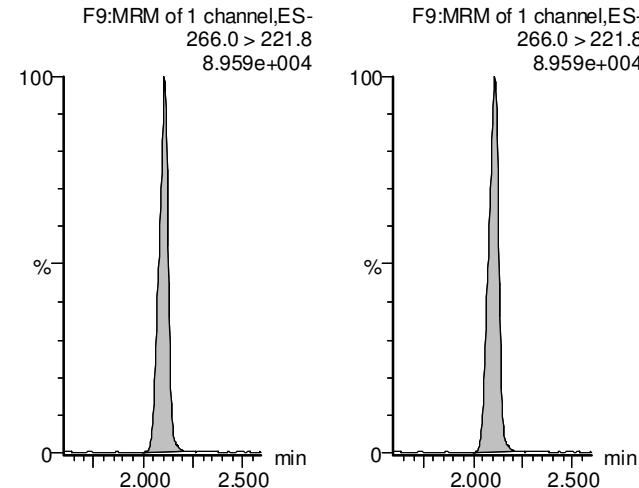
	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
73	67 13C2-PFUdA-EIS	565 > 519.8	1.440e4		1.00	5.17	1124.914	14404.854	12.500	12.8	102.4	NO		
74	63 13C8-PFOS-EIS	507.0 > 80	2.812e3		1.00	4.55	214.550	2811.926	12.500	13.1	104.8	NO		
75	69 13C2-PFDaO-EIS	615 > 570	1.738e4		1.00	5.45	1278.054	17384.623	12.500	13.6	108.8	NO		
76	70 13C2-10:2 FTS-EIS	633 > 79.9	1.164e3		1.00	5.43	92.290	1164.339	12.500	12.6	100.9	NO		
77	69 13C2-PFDaO-EIS	615 > 570	1.738e4		1.00	5.45	1278.054	17384.623	12.500	13.6	108.8	NO		
78	-1													
79	42 N-MeFOSA	511.9 > 169	1.253e3	1.361e4	1.00	5.54		13.736	10.000	10.0	100.5	NO	1.245	NO
80	43 PFTrDA	662.9 > 618.9	1.253e4	1.738e4	1.00	5.70		9.006	10.000	10.4	103.9	NO	8.182	NO
81	44 PFDaS	698.9 > 80	2.501e3	1.051e4	1.00	5.73		2.974	10.000	11.3	113.5	NO	1.782	NO
82	45 PFTeDA	713.0 > 669.0	1.340e4	1.051e4	1.00	5.91		15.933	10.000	11.0	109.6	NO	12.091	NO
83	46 N-EtFOSA	526 > 169	1.573e3	1.872e4	1.00	6.00		12.538	10.000	9.59	95.9	NO	1.215	NO
84	47 PFHxDA	813.1 > 768.6	7.784e3	1.251e4	1.00	6.28		7.777	10.000	9.96	99.6	NO	23.834	NO
85	71 d3-N-MeFOSA-EIS	515.2 > 168.9	1.361e4		1.00	5.57	88.087	13610.415	149.200	155	103.6	NO		
86	69 13C2-PFDaO-EIS	615 > 570	1.738e4		1.00	5.45	1278.054	17384.623	12.500	13.6	108.8	NO		
87	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.051e4		1.00	5.91	860.517	10513.200	12.500	12.2	97.7	NO		
88	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.051e4		1.00	5.91	860.517	10513.200	12.500	12.2	97.7	NO		
89	73 d5-N-ETFOSA-EIS	531.1 > 168.9	1.872e4		1.00	6.02	116.314	18723.119	149.200	161	107.9	NO		
90	74 13C2-PFHxDA-EIS	815 > 769.7	1.251e4		1.00	6.27	1042.649	12510.090	12.500	12.0	96.0	NO		
91	-1													
92	48 PFODA	913 > 869	1.244e4	1.251e4	1.00	6.52		12.426	10.000	11.1	110.5	NO		
93	49 N-MeFOSE	616 > 59	5.458e2	8.246e3	1.00	6.22		9.877	10.000	10.5	104.6	NO		
94	50 N-EtFOSE	630.1 > 58.9	6.616e2	9.416e3	1.00	6.38		10.484	10.000	9.76	97.6	NO		
95	63 13C8-PFOS-EIS	507.0 > 80	2.812e3		1.00	4.55	214.550	2811.926	12.500	13.1	104.8	NO		
96	63 13C8-PFOS-EIS	507.0 > 80	2.812e3		1.00	4.55	214.550	2811.926	12.500	13.1	104.8	NO		
97	63 13C8-PFOS-EIS	507.0 > 80	2.812e3		1.00	4.55	214.550	2811.926	12.500	13.1	104.8	NO		
98	74 13C2-PFHxDA-EIS	815 > 769.7	1.251e4		1.00	6.27	1042.649	12510.090	12.500	12.0	96.0	NO		
99	75 d7-N-MeFOSE-EIS	623.1 > 58.9	8.246e3		1.00	6.21	53.555	8245.570	149.200	154	103.2	NO		
100	76 d9-N-EtFOSE-EIS	639.2 > 58.8	9.416e3		1.00	6.37	59.717	9415.795	149.200	158	105.7	NO		

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_87, **Date:** 26-Mar-2021, **Time:** 03:38:20, **ID:** ST210325M1-14 PFC CS3 21C0806, **Description:** PFC CS3 21C0806**PFBA****PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBs-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

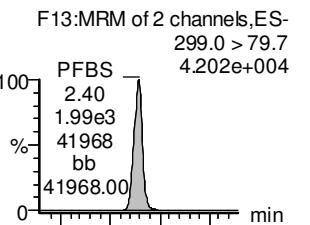
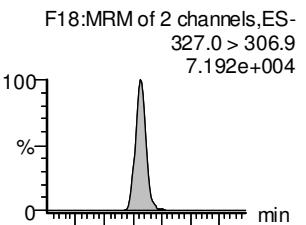
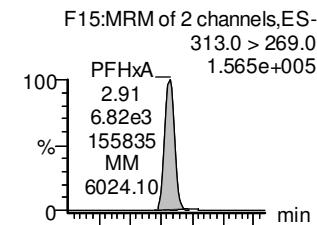
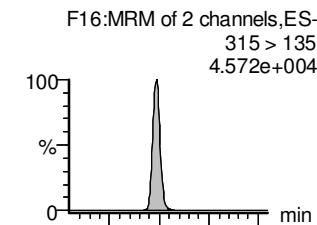
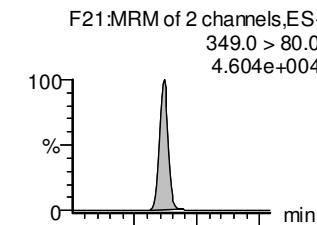
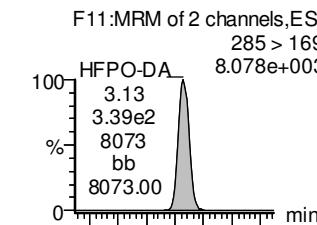
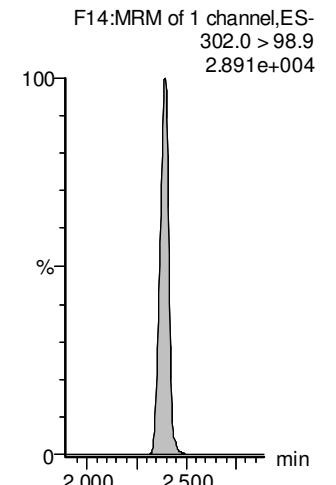
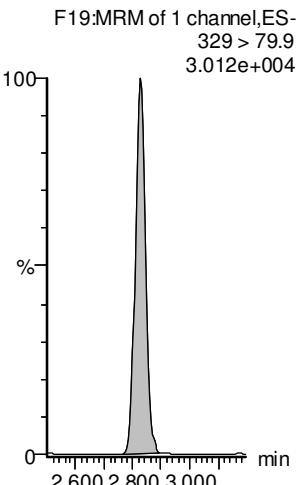
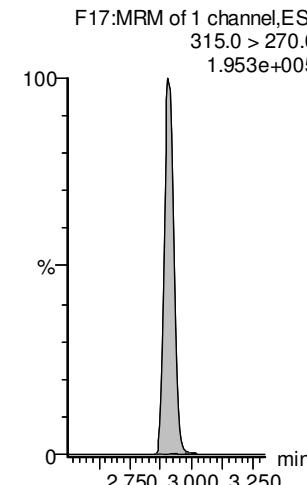
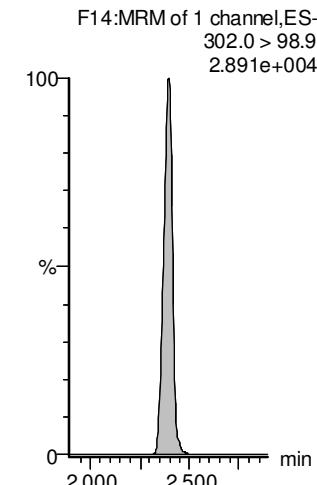
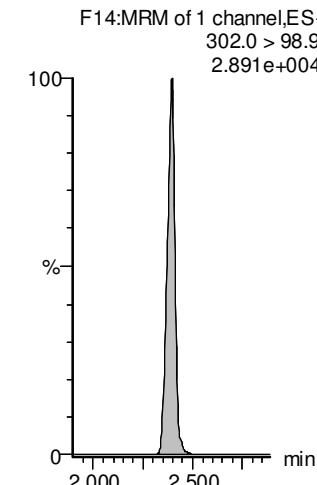
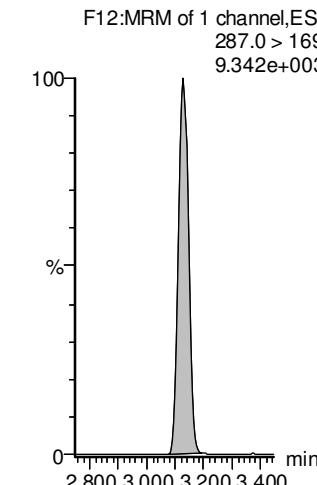
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PFBS**4:2 FTS****PFHxA****PFEESA****PFPeS****HFPO-DA****13C3-PFBS-EIS****13C2-4:2 FTS-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFBS-EIS****13C3-HFPO-DA-EIS**

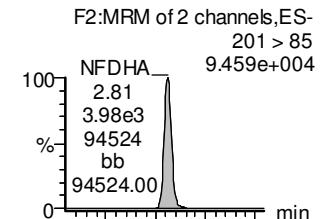
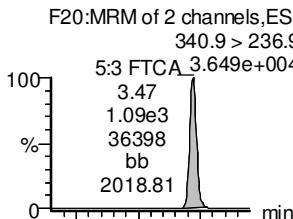
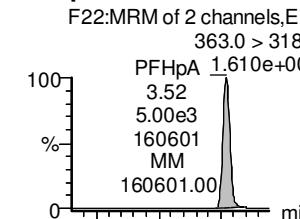
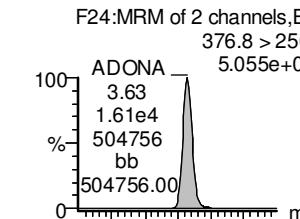
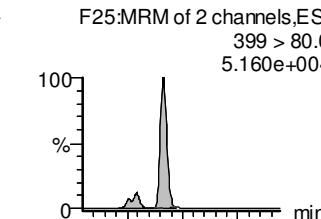
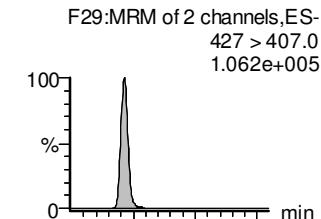
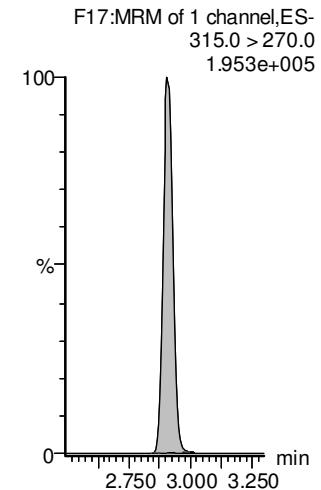
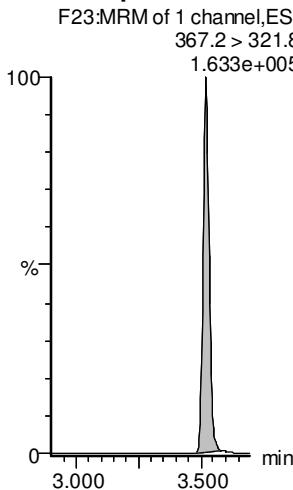
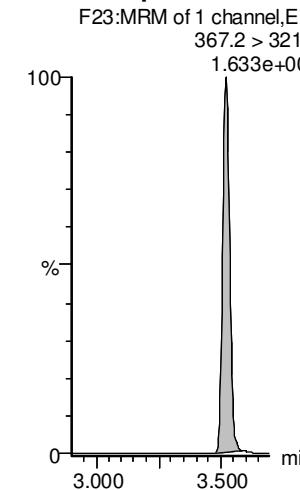
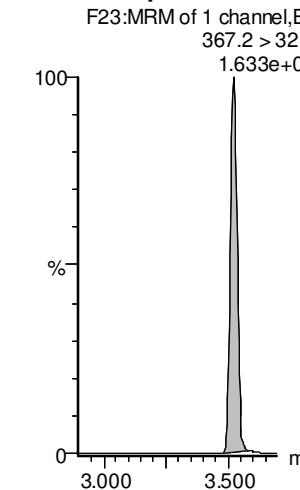
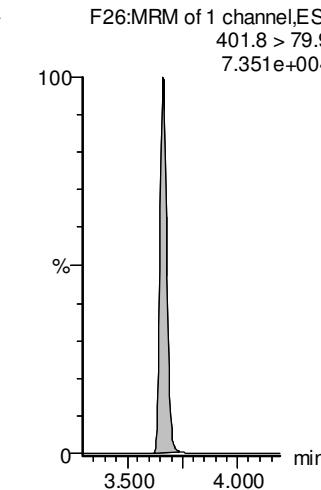
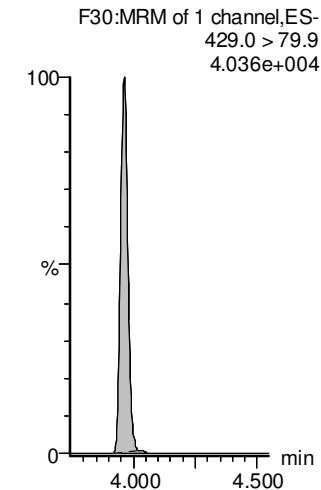
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Printed: Friday, March 26, 2021 09:45:19 Pacific Daylight Time

Name: 210325M1_87, Date: 26-Mar-2021, Time: 03:38:20, ID: ST210325M1-14 PFC CS3 21C0806, Description: PFC CS3 21C0806

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFHxS****6:2 FTS****13C2-PFHxA-EIS****13C4-PFHxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFHxS-EIS****13C2-6:2 FTS-EIS**

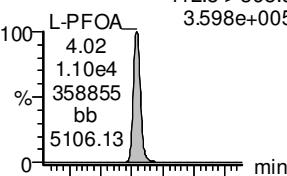
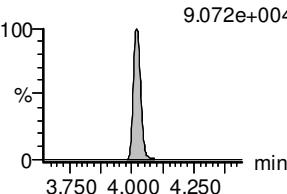
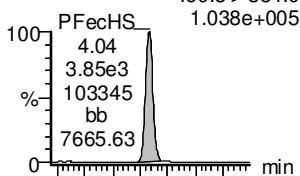
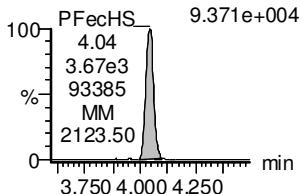
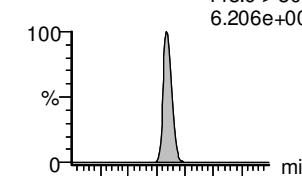
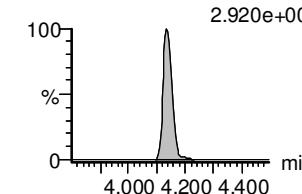
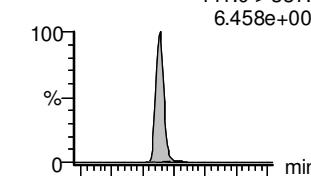
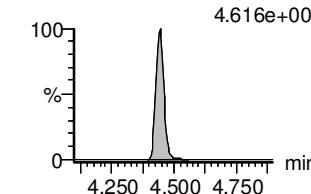
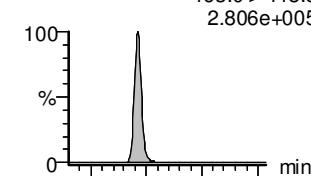
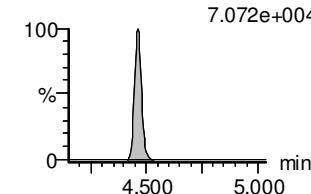
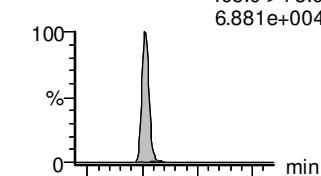
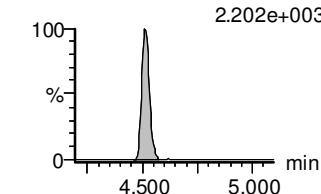
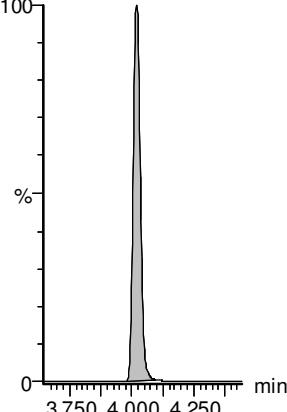
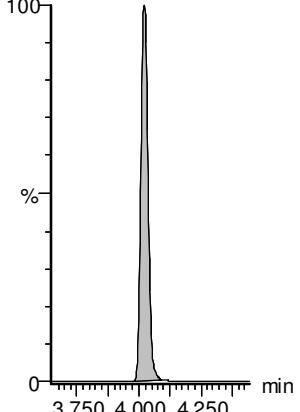
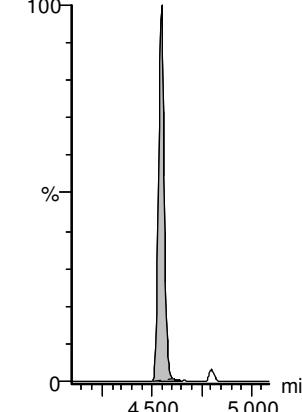
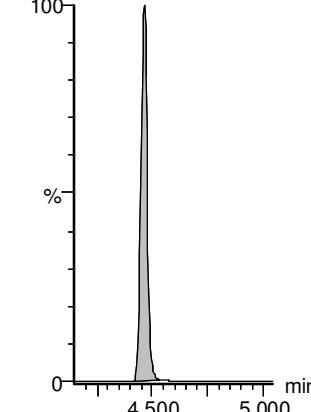
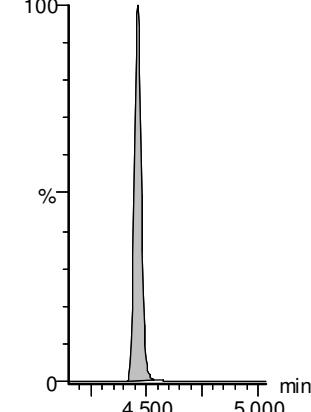
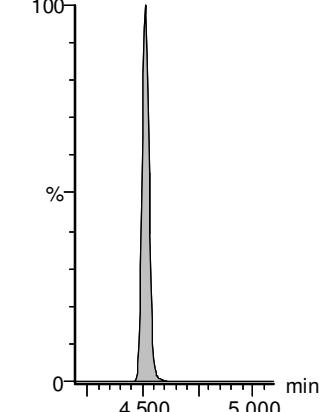
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Name: 210325M1_87, Date: 26-Mar-2021, Time: 03:38:20, ID: ST210325M1-14 PFC CS3 21C0806, Description: PFC CS3 21C0806

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
3.598e+005F27:MRM of 2 channels,ES-
412.8 > 169
9.072e+004**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0
1.038e+005F33:MRM of 2 channels,ES-
460.8 > 98.9
9.371e+004**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
6.206e+004F32:MRM of 2 channels,ES-
448.9 > 99.0
2.920e+004**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0
6.458e+004F31:MRM of 2 channels,ES-
441.0 > 317.0
4.616e+004**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
2.806e+005F34:MRM of 2 channels,ES-
463.0 > 219.0
7.072e+004**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
6.881e+004F36:MRM of 2 channels,ES-
498.0 > 169.0
2.202e+003**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
3.223e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
3.223e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.762e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.986e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.986e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
9.376e+004

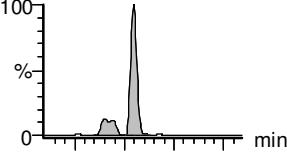
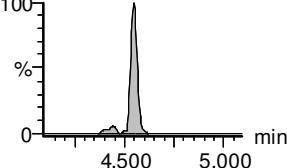
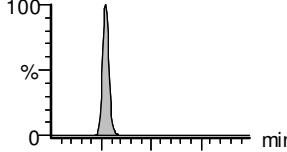
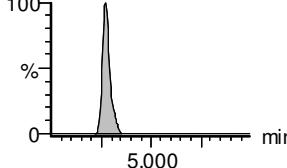
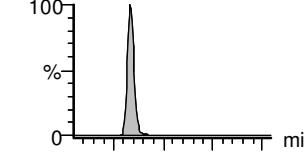
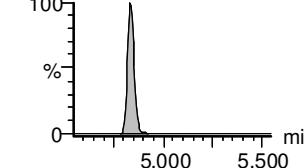
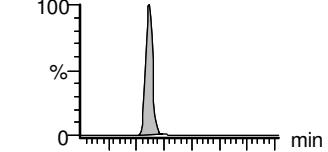
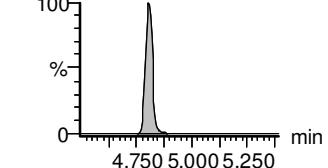
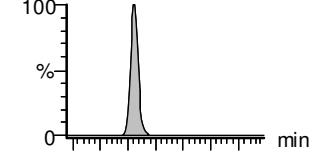
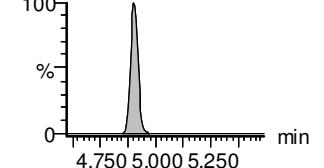
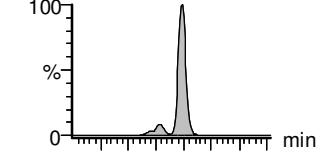
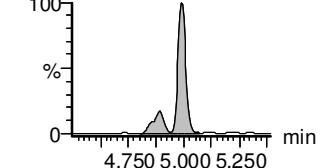
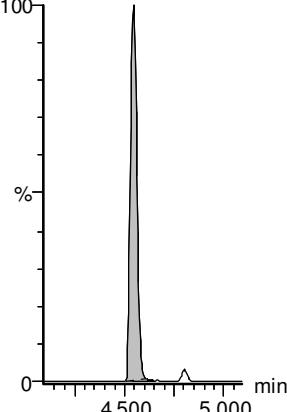
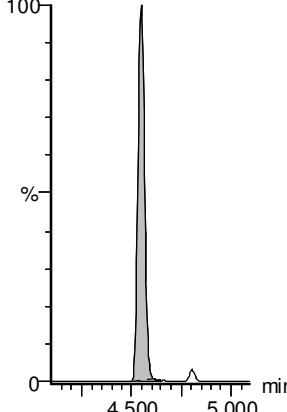
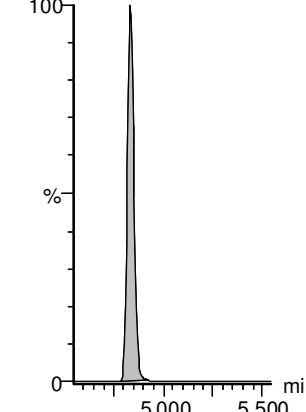
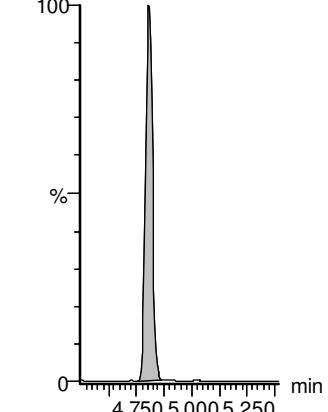
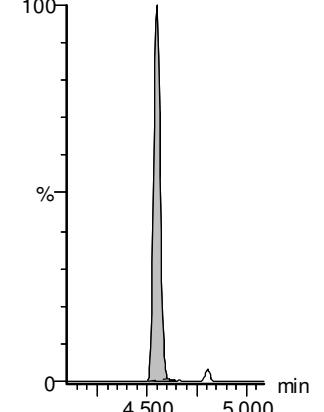
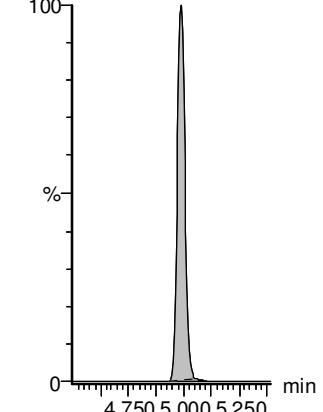
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Name: 210325M1_87, Date: 26-Mar-2021, Time: 03:38:20, ID: ST210325M1-14 PFC CS3 21C0806, Description: PFC CS3 21C0806

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
5.293e+004F38:MRM of 2 channels,ES-
499 > 99
3.009e+004**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
2.553e+005F48:MRM of 2 channels,ES-
530.9 > 82.9
8.713e+003**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
3.069e+005F42:MRM of 2 channels,ES-
513 > 219
5.868e+004**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
8.775e+004F46:MRM of 2 channels,ES-
527 > 80.9
4.583e+004**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
4.254e+004F50:MRM of 2 channels,ES-
548.9 > 99
3.902e+004**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
1.288e+005F53:MRM of 2 channels,ES-
570 > 512
4.535e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.762e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.762e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.788e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
4.257e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.762e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
2.009e+005

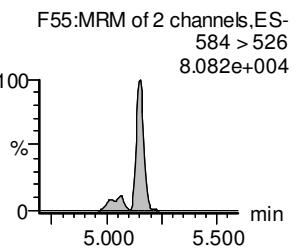
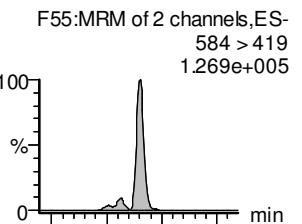
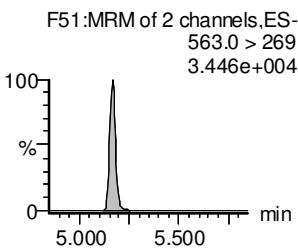
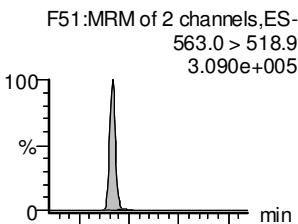
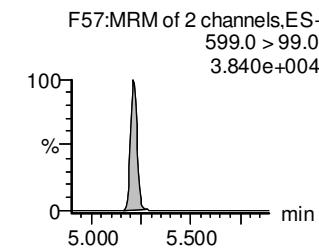
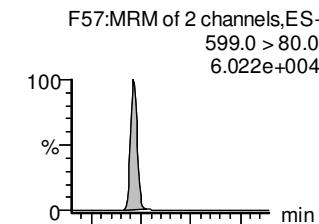
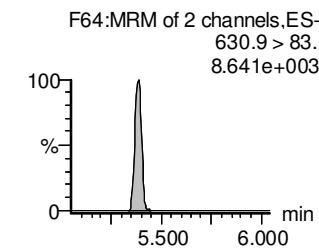
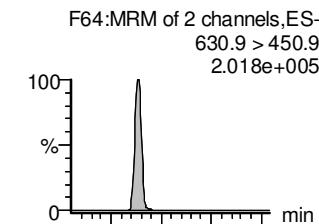
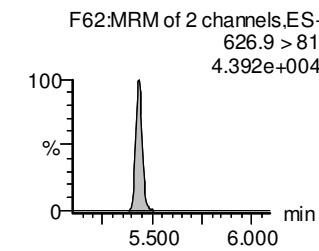
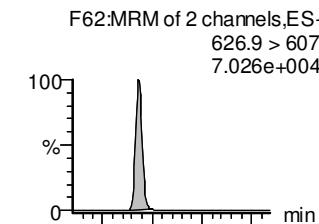
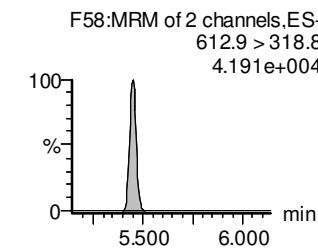
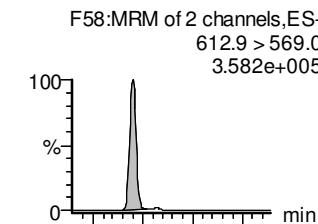
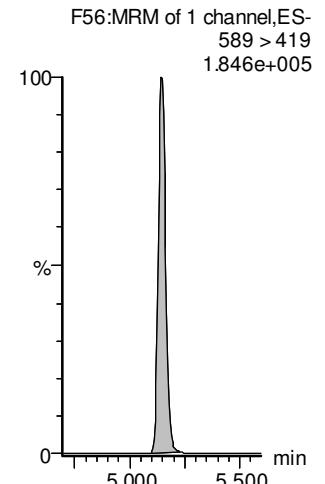
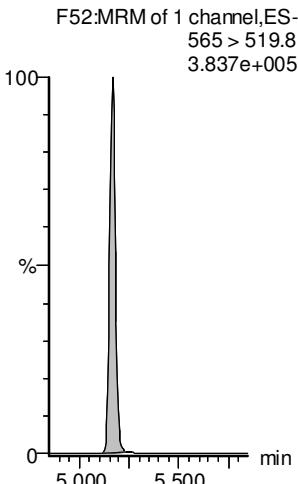
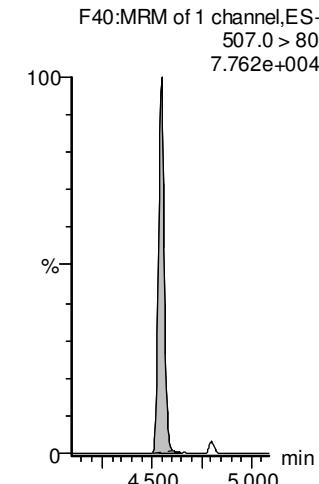
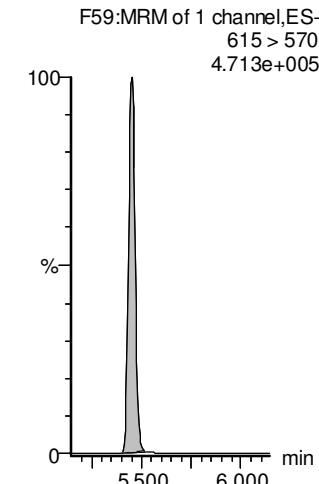
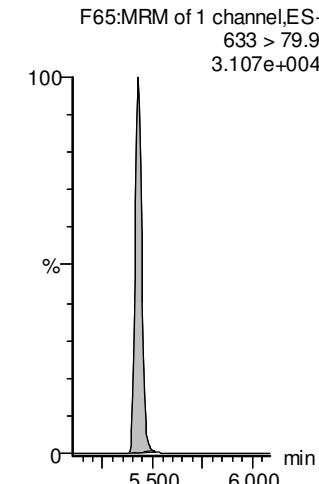
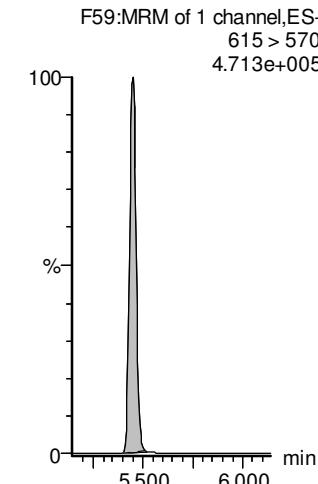
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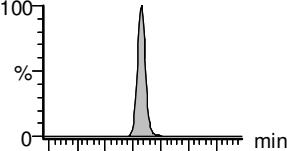
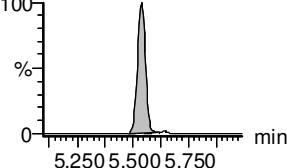
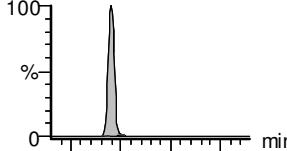
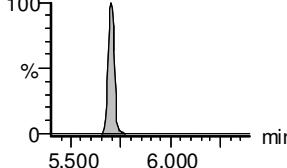
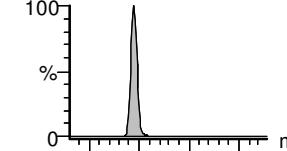
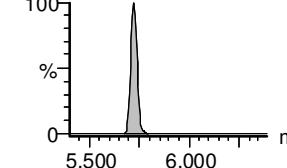
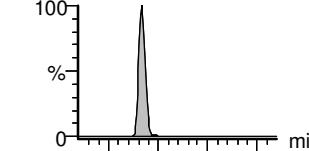
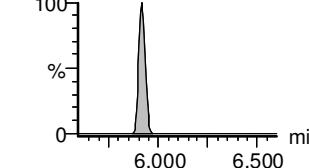
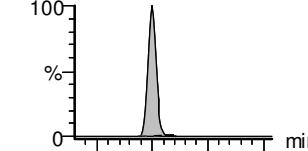
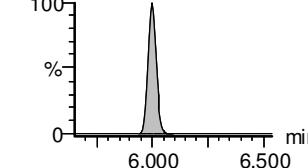
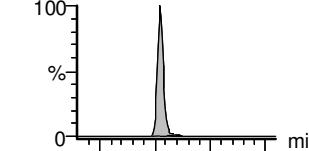
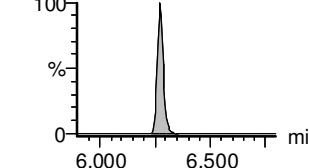
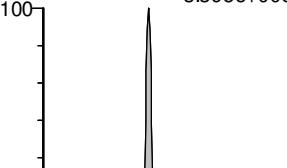
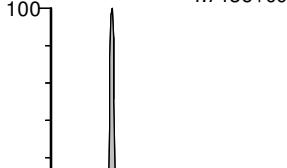
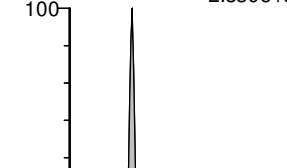
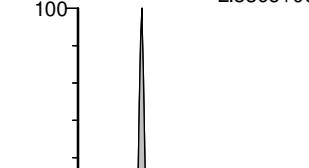
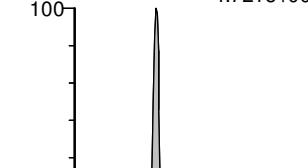
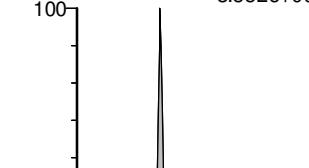
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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-87.qld

Last Altered: Friday, March 26, 2021 09:44:52 Pacific Daylight Time

Printed: Friday, March 26, 2021 09:45:19 Pacific Daylight Time

Name: 210325M1_87, Date: 26-Mar-2021, Time: 03:38:20, ID: ST210325M1-14 PFC CS3 21C0806, Description: PFC CS3 21C0806

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
3.063e+004F41:MRM of 2 channels,ES-
511.9 > 219
2.502e+004**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
3.515e+005F67:MRM of 2 channels,ES-
662.9 > 319
4.311e+004**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
7.007e+004F68:MRM of 2 channels,ES-
698.9 > 99
3.905e+004**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
3.596e+005F69:MRM of 2 channels,ES-
713. > 369.0
2.980e+004**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
3.728e+004F45:MRM of 2 channels,ES-
526 > 219
3.104e+004**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
2.221e+005F71:MRM of 2 channels,ES-
813.1 > 219
9.363e+003**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.395e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.713e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.839e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.839e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.721e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.552e+005

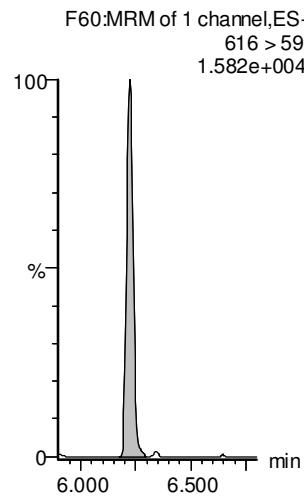
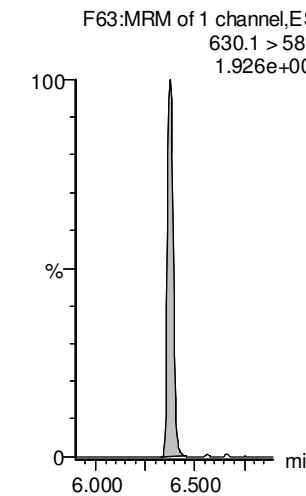
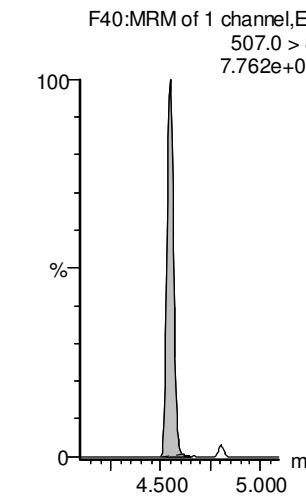
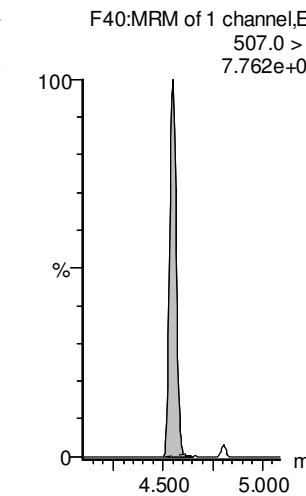
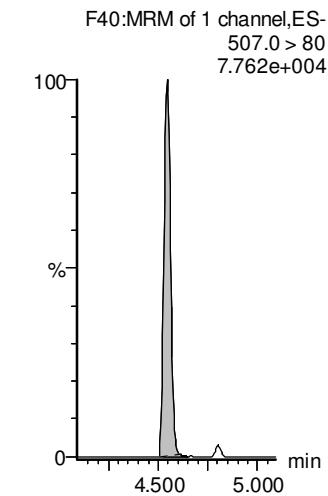
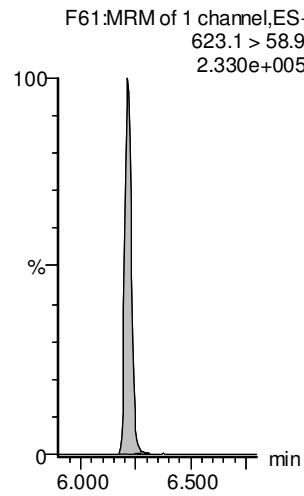
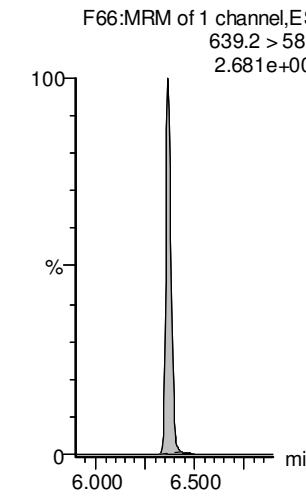
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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-87.qld

Last Altered: Friday, March 26, 2021 09:44:52 Pacific Daylight Time

Printed: Friday, March 26, 2021 09:45:19 Pacific Daylight Time

Name: 210325M1_87, Date: 26-Mar-2021, Time: 03:38:20, ID: ST210325M1-14 PFC CS3 21C0806, Description: PFC CS3 21C0806

PFODA**N-MeFOSE****N-EtFOSE****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFHxDAA-EIS****d7-N-MeFOSE-EIS****d9-N-EtFOSE-EIS**

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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-101.qld

Last Altered: Friday, March 26, 2021 09:50:09 Pacific Daylight Time

Printed: Friday, March 26, 2021 09:50:35 Pacific Daylight Time

OPV 3/26/2021

Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	3.320e3	3.371e3	1.00	1.18		12.311	10.000	10.3	102.5	NO		
2	3 PFMPA	229 > 85	2.666e3	8.418e3	1.00	1.54		3.959	10.000	9.72	97.2	NO		
3	2 PFPrS	248.9 > 79.9	1.715e3	1.319e3	1.00	1.51		16.249	10.000	10.3	102.6	NO	2.625	NO
4	4 3:3 FTCA	241 > 177	2.910e2	5.245e3	1.00	1.96		0.693	10.000	10.6	106.1	NO	2.790	NO
5	5 PFPeA	263.1 > 218.9	3.844e3	5.245e3	1.00	2.11		9.161	10.000	10.0	100.4	NO		
6	6 PFMBA	279 > 85	3.960e3	5.245e3	1.00	2.40		9.437	10.000	9.36	93.6	NO	13.595	NO
7	51 13C3-PFBA-EIS	216.1 > 171.8	3.371e3		1.00	1.18	265.512	3371.001	12.500	12.7	101.6	NO		
8	56 13C2-PFHxA-EIS	315.0 > 270.0	8.418e3		1.00	2.91	622.011	8417.813	12.500	13.5	108.3	NO		
9	53 13C3-PFBS-EIS	302.0 > 98.9	1.319e3		1.00	2.39	100.808	1318.924	12.500	13.1	104.7	NO		
10	52 13C3-PFPeA-EIS	266.0 > 221.8	5.245e3		1.00	2.11	388.348	5244.836	12.500	13.5	108.0	NO		
11	52 13C3-PFPeA-EIS	266.0 > 221.8	5.245e3		1.00	2.11	388.348	5244.836	12.500	13.5	108.0	NO		
12	52 13C3-PFPeA-EIS	266.0 > 221.8	5.245e3		1.00	2.11	388.348	5244.836	12.500	13.5	108.0	NO		
13	-1													
14	7 PFBS	299.0 > 79.7	1.940e3	1.319e3	1.00	2.40		18.383	10.000	10.7	107.1	NO	2.914	NO
15	10 4:2 FTS	327.0 > 306.9	3.003e3	1.326e3	1.00	2.82		28.315	10.000	9.46	94.6	NO	1.767	NO
16	11 PFHxA	313.0 > 269.0	6.684e3	8.418e3	1.00	2.91		9.926	10.000	9.85	98.5	NO	17.270	NO
17	8 PFEESA	315 > 135	1.908e3	1.319e3	1.00	2.74		18.085	10.000	10.1	101.4	NO	3.750	NO
18	12 PPPeS	349.0 > 80.0	2.036e3	1.319e3	1.00	3.12		19.298	10.000	11.2	111.6	NO	1.858	NO
19	13 HFPO-DA	285 > 169	3.763e2	3.053e2	1.00	3.13		15.407	10.000	11.9	119.5	NO	2.960	NO
20	53 13C3-PFBS-EIS	302.0 > 98.9	1.319e3		1.00	2.39	100.808	1318.924	12.500	13.1	104.7	NO		
21	55 13C2-4:2 FTS-EIS	329 > 79.9	1.326e3		1.00	2.82	96.532	1325.922	12.500	13.7	109.9	NO		
22	56 13C2-PFHxA-EIS	315.0 > 270.0	8.418e3		1.00	2.91	622.011	8417.813	12.500	13.5	108.3	NO		
23	53 13C3-PFBS-EIS	302.0 > 98.9	1.319e3		1.00	2.39	100.808	1318.924	12.500	13.1	104.7	NO		
24	53 13C3-PFBS-EIS	302.0 > 98.9	1.319e3		1.00	2.39	100.808	1318.924	12.500	13.1	104.7	NO		
25	54 13C3-HFPO-DA-EIS	287.0 > 169	3.053e2		1.00	3.13	24.857	305.269	12.500	12.3	98.2	NO		
26	-1													
27	9 NFDHA	201 > 85	4.016e3	8.418e3	1.00	2.81		5.963	10.000	9.80	98.0	NO	18.722	NO
28	14 5:3 FTCA	340.9 > 236.9	1.050e3	5.161e3	1.00	3.47		2.544	10.000	8.37	83.7	NO	1.520	NO
29	15 PFHpA	363.0 > 318.9	5.048e3	5.161e3	1.00	3.52		12.227	10.000	9.71	97.1	NO	11.273	NO
30	16 ADONA	376.8 > 250.9	1.640e4	5.161e3	1.00	3.63		39.732	10.000	10.1	100.9	NO	3.367	NO
31	17 L-PFHxA	399 > 80.0	2.010e3	2.600e3	1.00	3.66		9.664	10.000	9.76	97.6	NO	1.637	NO
32	19 6:2 FTS	427 > 407.0	3.497e3	1.322e3	1.00	3.96		33.056	10.000	10.0	100.2	NO	2.235	NO
33	56 13C2-PFHxA-EIS	315.0 > 270.0	8.418e3		1.00	2.91	622.011	8417.813	12.500	13.5	108.3	NO		
34	57 13C4-PFHxA-EIS	367.2 > 321.8	5.161e3		1.00	3.52	380.184	5160.560	12.500	13.6	108.6	NO		
35	57 13C4-PFHxA-EIS	367.2 > 321.8	5.161e3		1.00	3.52	380.184	5160.560	12.500	13.6	108.6	NO		
36	57 13C4-PFHxA-EIS	367.2 > 321.8	5.161e3		1.00	3.52	380.184	5160.560	12.500	13.6	108.6	NO		

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Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
37	58 13C3-PFHxS-EIS	401.8 > 79.9	2.600e3		1.00	3.67	187.592	2600.313	12.500	13.9	110.9	NO		
38	59 13C2-6:2 FTS-EIS	429.0 > 79.9	1.322e3		1.00	3.96	95.748	1322.431	12.500	13.8	110.5	NO		
39	-1													
40	20 L-PFOA	412.8 > 368.9	1.127e4	1.007e4	1.00	4.02		13.982	10.000	10.6	106.1	NO	3.906	NO
41	22 PFecHS	460.8 > 381.0	3.846e3	1.007e4	1.00	4.04		4.772	10.000	10.3	103.2	NO	1.003	NO
42	23 PFHpS	448.9 > 80.0	2.187e3	2.950e3	1.00	4.14		9.266	10.000	10.5	104.9	NO	2.167	NO
43	24 7:3 FTCA	441.0 > 337.0	2.195e3	1.078e4	1.00	4.44		2.544	10.000	8.32	83.2	NO	1.308	NO
44	25 PFNA	463.0 > 418.8	1.006e4	1.078e4	1.00	4.46		11.656	10.000	10.8	108.3	NO	4.106	NO
45	26 PFOSA	498.0 > 78.0	2.549e3	3.281e3	1.00	4.51		9.711	10.000	10.6	105.9	NO	33.055	NO
46	62 13C2-PFOA-EIS	414.9 > 369.7	1.007e4		1.00	4.02	775.038	10073.051	12.500	13.0	104.0	NO		
47	62 13C2-PFOA-EIS	414.9 > 369.7	1.007e4		1.00	4.02	775.038	10073.051	12.500	13.0	104.0	NO		
48	63 13C8-PFOS-EIS	507.0 > 80	2.950e3		1.00	4.55	214.550	2949.690	12.500	13.7	110.0	NO		
49	60 13C5-PFNA-EIS	468.2 > 422.9	1.078e4		1.00	4.46	788.455	10784.032	12.500	13.7	109.4	NO		
50	60 13C5-PFNA-EIS	468.2 > 422.9	1.078e4		1.00	4.46	788.455	10784.032	12.500	13.7	109.4	NO		
51	61 13C8-PFOSA-EIS	506. > 78	3.281e3		1.00	4.51	263.334	3281.423	12.500	12.5	99.7	NO		
52	-1													
53	27 L-PFOS	499 > 79.9	2.591e3	2.950e3	1.00	4.55		10.982	10.000	10.7	107.4	NO	2.034	NO
54	29 9Cl-PF30NS	530.9>351	9.332e3	2.950e3	1.00	4.77		39.545	10.000	9.85	98.5	NO	24.001	NO
55	30 PFDA	513 > 468.8	1.129e4	1.008e4	1.00	4.84		14.006	10.000	9.93	99.3	NO	5.189	NO
56	31 8:2 FTS	527 > 507.0	3.441e3	1.435e3	1.00	4.81		29.975	10.000	11.6	116.4	NO	1.928	NO
57	32 PFNS	548.9 > 79.9	1.504e3	2.950e3	1.00	4.90		6.375	10.000	9.10	91.0	NO	0.990	NO
58	33 L-MeFOSAA	570 > 419	5.755e3	7.425e3	1.00	4.99		9.688	10.000	10.8	107.9	NO	2.675	NO
59	63 13C8-PFOS-EIS	507.0 > 80	2.950e3		1.00	4.55	214.550	2949.690	12.500	13.7	110.0	NO		
60	63 13C8-PFOS-EIS	507.0 > 80	2.950e3		1.00	4.55	214.550	2949.690	12.500	13.7	110.0	NO		
61	64 13C2-PFDA-EIS	515.1 > 469.9	1.008e4		1.00	4.84	768.980	10080.256	12.500	13.1	104.9	NO		
62	65 13C2-8:2 FTS-EIS	529 > 79.9	1.435e3		1.00	4.81	117.592	1434.983	12.500	12.2	97.6	NO		
63	63 13C8-PFOS-EIS	507.0 > 80	2.950e3		1.00	4.55	214.550	2949.690	12.500	13.7	110.0	NO		
64	66 d3-N-MeFOSAA-EIS	573 > 419	7.425e3		1.00	4.99	556.607	7424.840	12.500	13.3	106.7	NO		
65	-1													
66	35 L-EtFOSAA	584 > 419	5.245e3	7.151e3	1.00	5.15		9.168	10.000	9.15	91.5	NO	1.327	NO
67	37 PFUdA	563.0 > 518.9	1.137e4	1.470e4	1.00	5.17		9.665	10.000	10.3	102.7	NO	9.638	NO
68	38 PFDS	599.0 > 80.0	2.331e3	2.950e3	1.00	5.21		9.880	10.000	10.1	101.1	NO	1.641	NO
69	39 11Cl-PF30UdS	630.9 > 450.9	7.592e3	1.782e4	1.00	5.38		5.327	10.000	10.1	101.5	NO	23.791	NO
70	40 10:2 FTS	626.9 > 607	2.814e3	1.165e3	1.00	5.44		30.204	10.000	10.6	106.1	NO	1.718	NO
71	41 PFDoA	612.9 > 569.0	1.344e4	1.782e4	1.00	5.45		9.429	10.000	10.4	104.0	NO	8.236	NO
72	68 d5-N-EtFOSAA-EIS	589 > 419	7.151e3		1.00	5.15	519.234	7151.128	12.500	13.8	110.2	NO		

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Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806

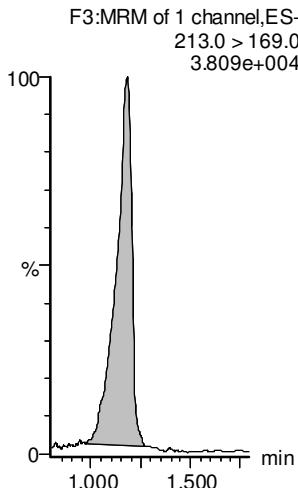
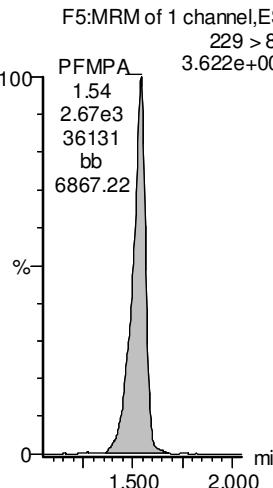
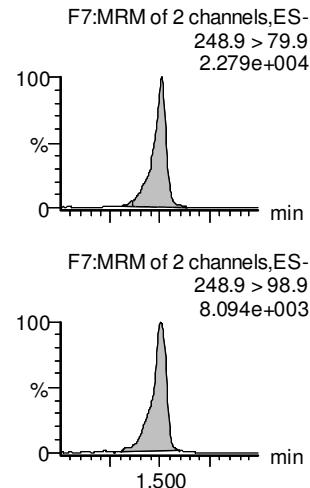
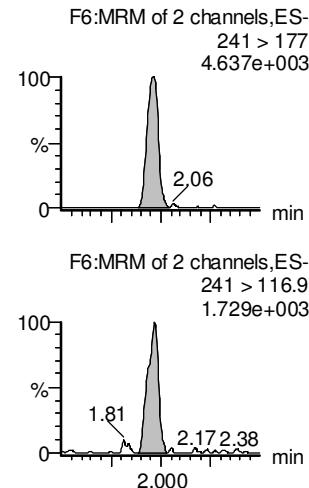
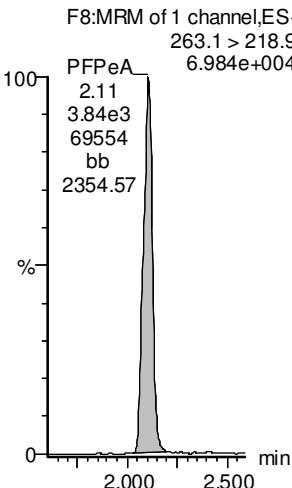
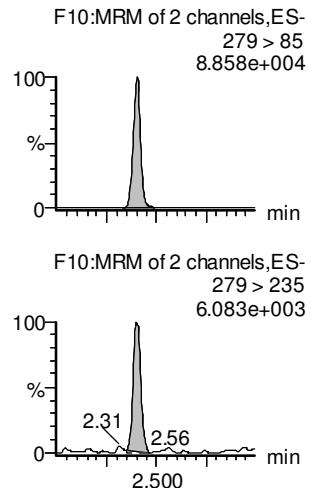
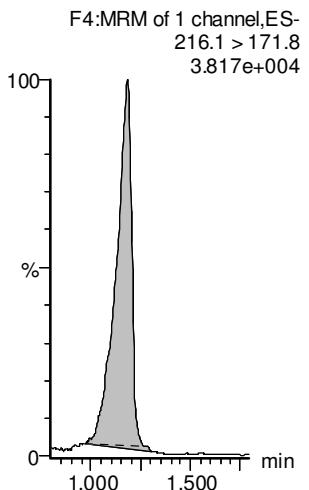
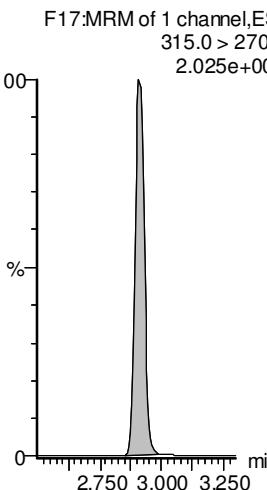
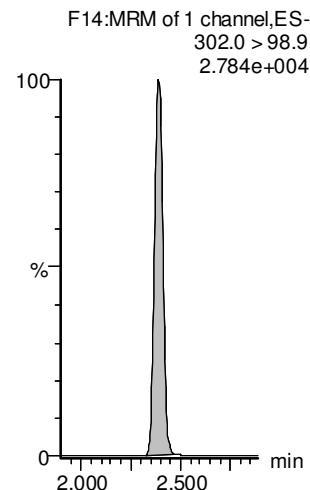
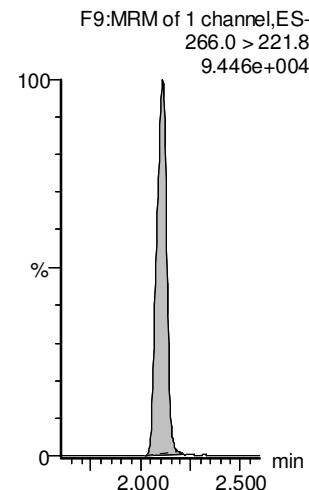
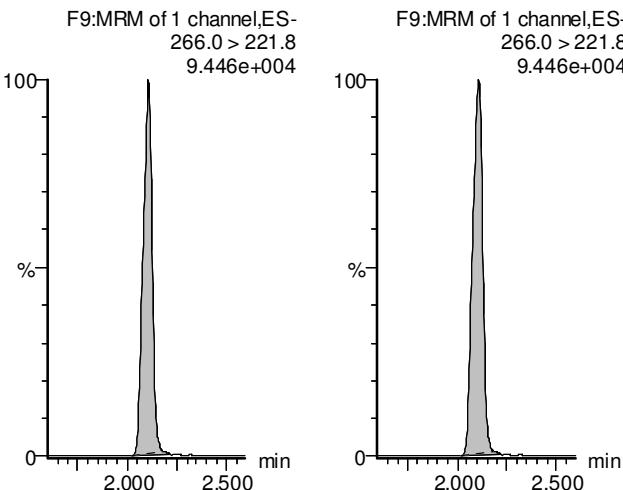
	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
73	67 13C2-PFUdA-EIS	565 > 519.8	1.470e4		1.00	5.17	1124.914	14701.070	12.500	13.1	104.5	NO		
74	63 13C8-PFOS-EIS	507.0 > 80	2.950e3		1.00	4.55	214.550	2949.690	12.500	13.7	110.0	NO		
75	69 13C2-PFDoA-EIS	615 > 570	1.782e4		1.00	5.45	1278.054	17817.402	12.500	13.9	111.5	NO		
76	70 13C2-10:2 FTS-EIS	633 > 79.9	1.165e3		1.00	5.43	92.290	1164.752	12.500	12.6	101.0	NO		
77	69 13C2-PFDoA-EIS	615 > 570	1.782e4		1.00	5.45	1278.054	17817.402	12.500	13.9	111.5	NO		
78	-1													
79	42 N-MeFOSA	511.9 > 169	1.274e3	1.367e4	1.00	5.54		13.909	10.000	10.2	101.7	NO	1.209	NO
80	43 PFTrDA	662.9 > 618.9	1.271e4	1.782e4	1.00	5.70		8.916	10.000	10.3	102.9	NO	8.715	NO
81	44 PFDoS	698.9 > 80	2.551e3	1.079e4	1.00	5.73		2.954	10.000	11.3	112.7	NO	1.798	NO
82	45 PFTeDA	713.0 > 669.0	1.348e4	1.079e4	1.00	5.91		15.611	10.000	10.7	107.3	NO	12.524	NO
83	46 N-EtFOSA	526 > 169	1.496e3	1.836e4	1.00	6.00		12.160	10.000	9.30	93.0	NO	1.121	NO
84	47 PFHxDA	813.1 > 768.6	8.235e3	1.292e4	1.00	6.28		7.965	10.000	10.2	102.0	NO	25.713	NO
85	71 d3-N-MeFOSA-EIS	515.2 > 168.9	1.367e4		1.00	5.57	88.087	13671.174	149.200	155	104.0	NO		
86	69 13C2-PFDoA-EIS	615 > 570	1.782e4		1.00	5.45	1278.054	17817.402	12.500	13.9	111.5	NO		
87	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.079e4		1.00	5.91	860.517	10793.266	12.500	12.5	100.3	NO		
88	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.079e4		1.00	5.91	860.517	10793.266	12.500	12.5	100.3	NO		
89	73 d5-N-ETFOSA-EIS	531.1 > 168.9	1.836e4		1.00	6.02	116.314	18360.615	149.200	158	105.8	NO		
90	74 13C2-PFHxDA-EIS	815 > 769.7	1.292e4		1.00	6.28	1042.649	12923.105	12.500	12.4	99.2	NO		
91	-1													
92	48 PFODA	913 > 869	1.241e4	1.292e4	1.00	6.52		12.005	10.000	10.7	106.8	NO		
93	49 N-MeFOSE	616 > 59	5.588e2	8.033e3	1.00	6.22		10.379	10.000	11.0	110.0	NO		
94	50 N-EtFOSE	630.1 > 58.9	5.830e2	8.930e3	1.00	6.38		9.740	10.000	9.09	90.9	NO		
95	63 13C8-PFOS-EIS	507.0 > 80	2.950e3		1.00	4.55	214.550	2949.690	12.500	13.7	110.0	NO		
96	63 13C8-PFOS-EIS	507.0 > 80	2.950e3		1.00	4.55	214.550	2949.690	12.500	13.7	110.0	NO		
97	63 13C8-PFOS-EIS	507.0 > 80	2.950e3		1.00	4.55	214.550	2949.690	12.500	13.7	110.0	NO		
98	74 13C2-PFHxDA-EIS	815 > 769.7	1.292e4		1.00	6.28	1042.649	12923.105	12.500	12.4	99.2	NO		
99	75 d7-N-MeFOSE-EIS	623.1 > 58.9	8.033e3		1.00	6.21	53.555	8032.697	149.200	150	100.5	NO		
100	76 d9-N-EtFOSE-EIS	639.2 > 58.8	8.930e3		1.00	6.37	59.717	8930.144	149.200	150	100.2	NO		

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_101, **Date:** 26-Mar-2021, **Time:** 06:03:31, **ID:** ST210325M1-15 PFC CS3 21C0806, **Description:** PFC CS3 21C0806**PFBA****PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBs-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

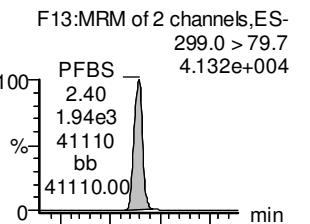
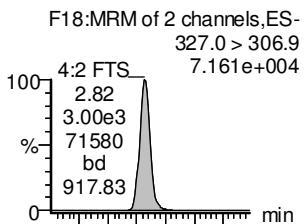
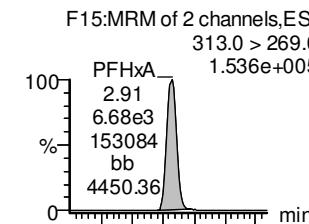
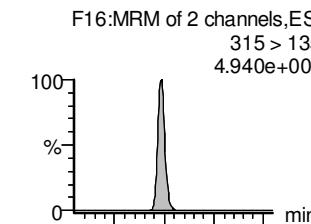
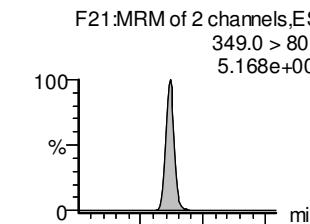
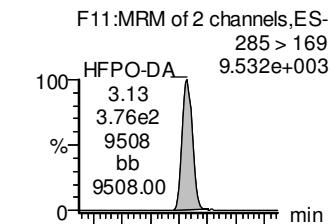
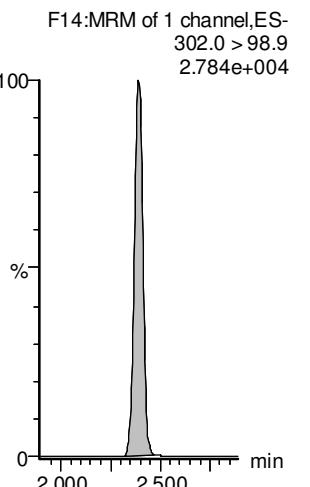
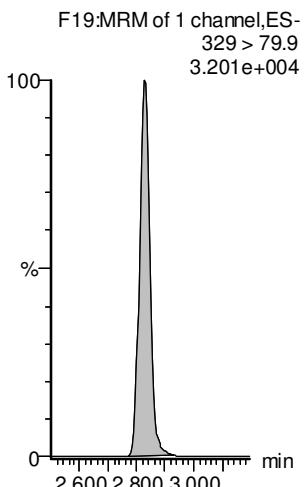
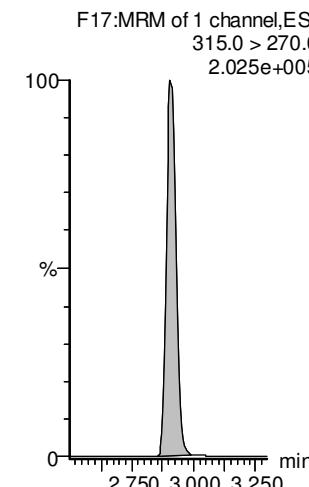
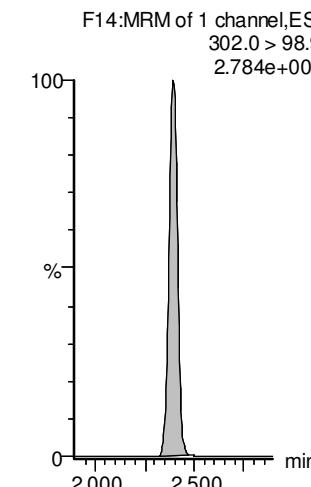
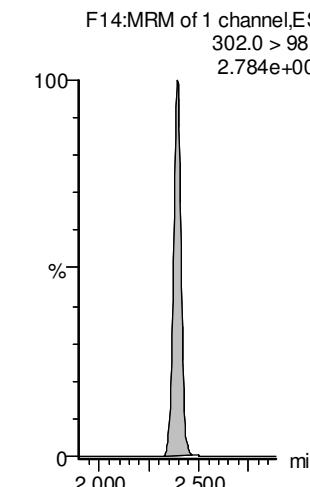
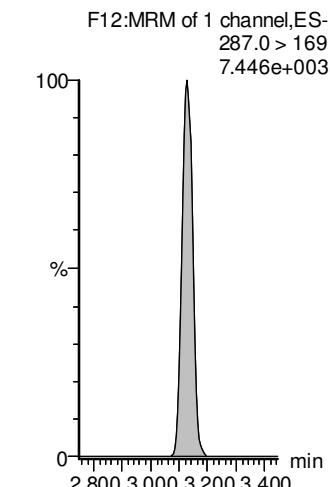
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Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806

PFBS**4:2 FTS****PFHxA****PFEESA****PFPeS****HFPO-DA****13C3-PFBS-EIS****13C2-4:2 FTS-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFBS-EIS****13C3-HFPO-DA-EIS**

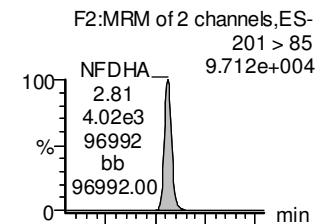
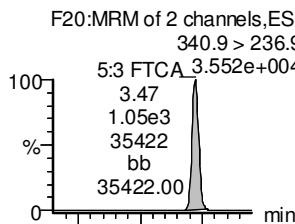
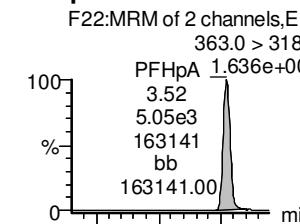
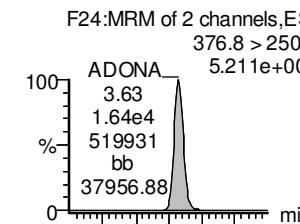
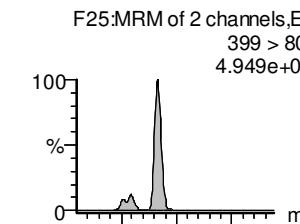
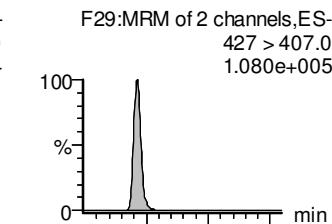
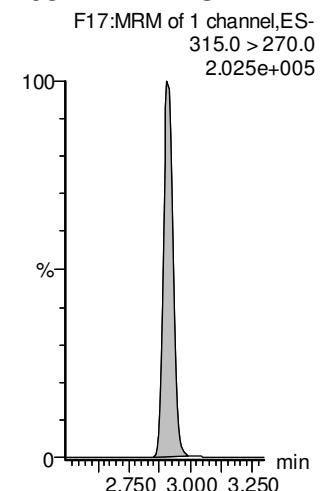
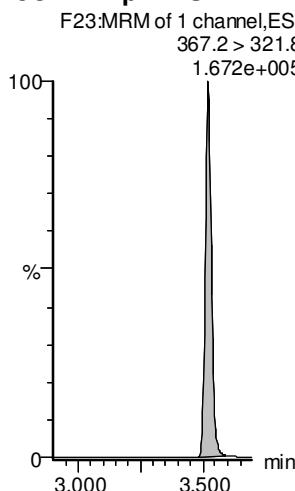
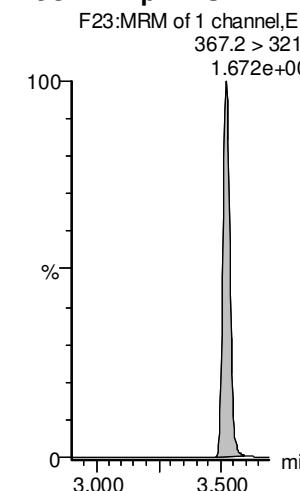
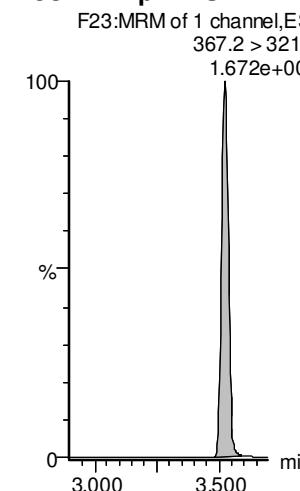
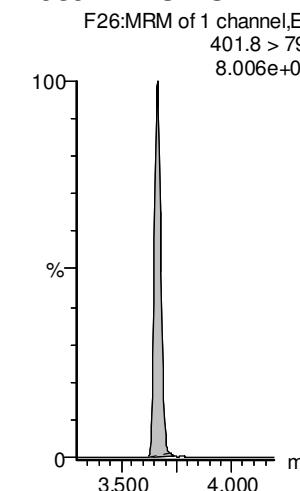
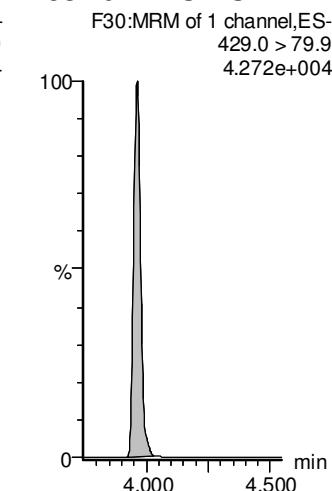
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Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFHxS****6:2 FTS****13C2-PFHxA-EIS****13C4-PFHxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFHxS-EIS****13C2-6:2 FTS-EIS**

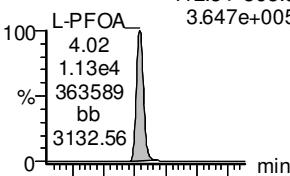
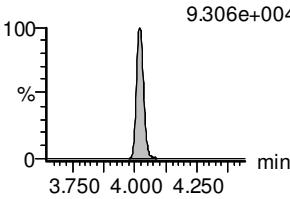
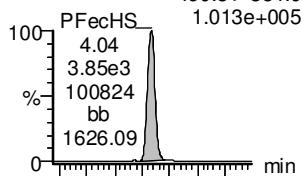
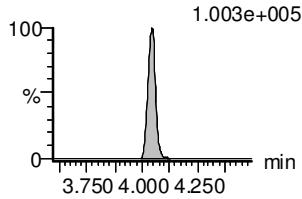
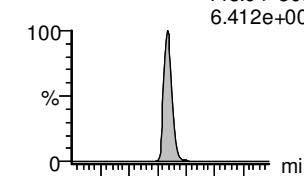
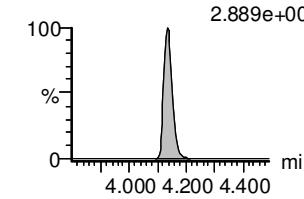
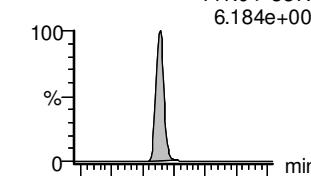
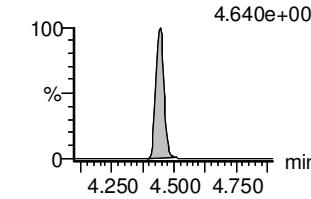
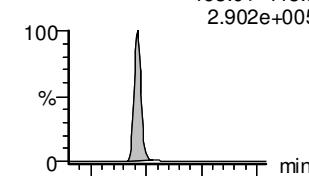
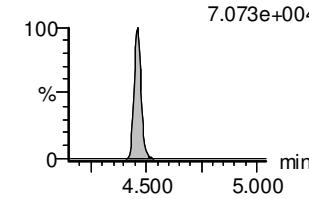
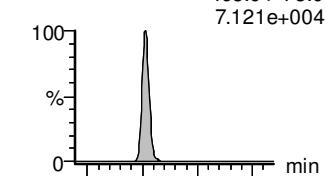
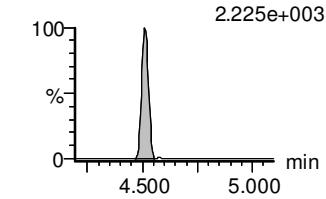
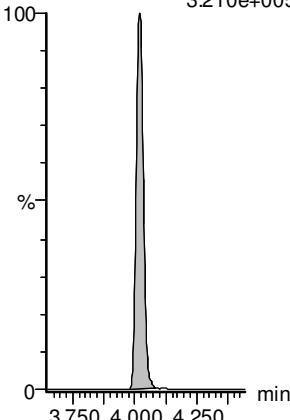
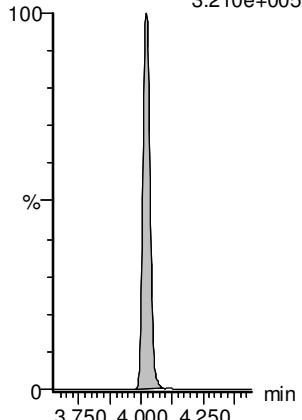
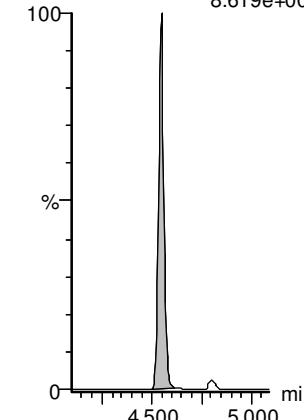
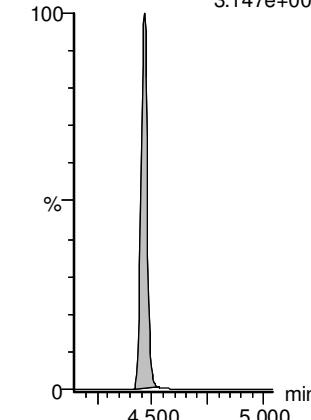
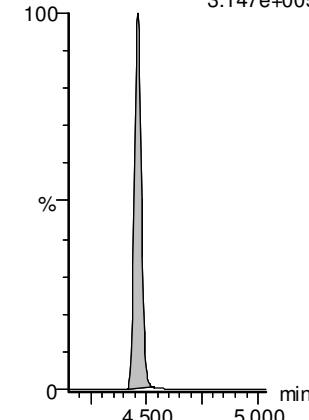
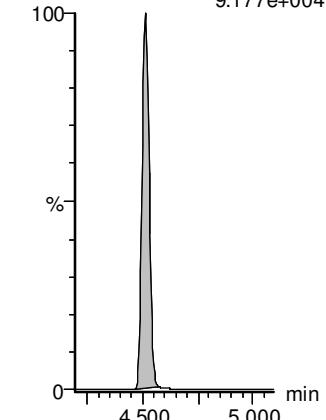
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Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806

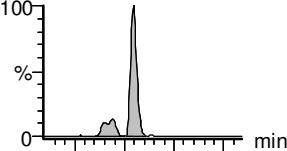
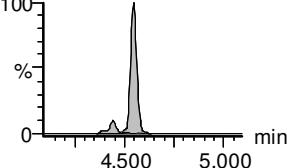
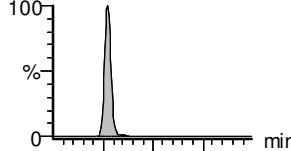
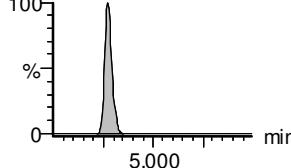
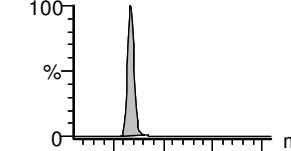
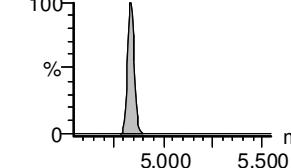
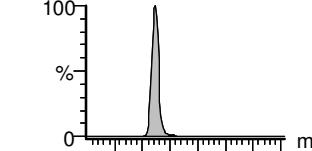
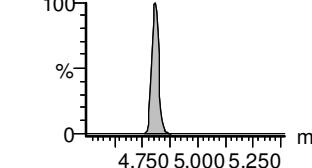
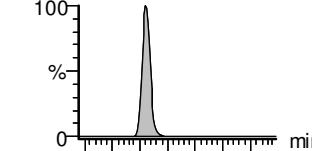
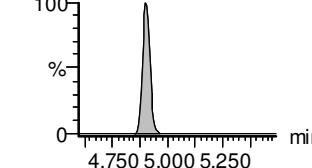
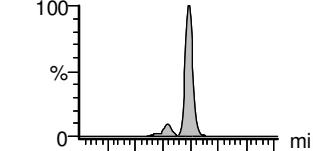
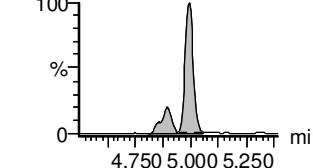
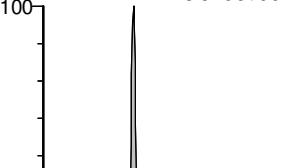
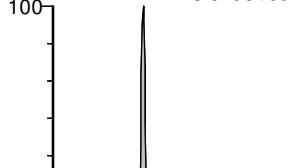
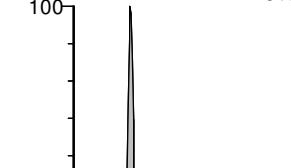
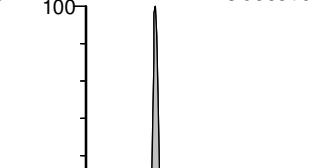
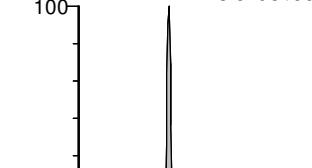
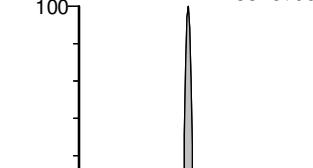
L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
3.647e+005F27:MRM of 2 channels,ES-
412.8 > 169
9.306e+004**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0
1.013e+005F33:MRM of 2 channels,ES-
460.8 > 98.9
1.003e+005**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
6.412e+004F32:MRM of 2 channels,ES-
448.9 > 99.0
2.889e+004**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0
6.184e+004F31:MRM of 2 channels,ES-
441.0 > 317.0
4.640e+004**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
2.902e+005F34:MRM of 2 channels,ES-
463.0 > 219.0
7.073e+004**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
7.121e+004F36:MRM of 2 channels,ES-
498.0 > 169.0
2.225e+003**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
3.210e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
3.210e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.619e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
3.147e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
3.147e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
9.177e+004

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Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806**L-PFOS**F38:MRM of 2 channels,ES-
499 > 79.9
5.911e+004F38:MRM of 2 channels,ES-
499 > 99
3.201e+004**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
2.524e+005F48:MRM of 2 channels,ES-
530.9 > 82.9
9.501e+003**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
3.025e+005F42:MRM of 2 channels,ES-
513 > 219
5.741e+004**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
9.075e+004F46:MRM of 2 channels,ES-
527 > 80.9
4.739e+004**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
3.637e+004F50:MRM of 2 channels,ES-
548.9 > 99
4.024e+004**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
1.325e+005F53:MRM of 2 channels,ES-
570 > 512
4.141e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.619e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.619e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.727e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.956e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.619e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.887e+005

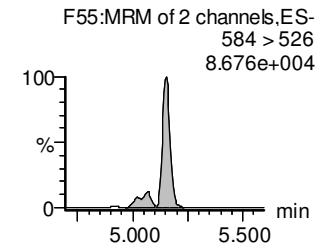
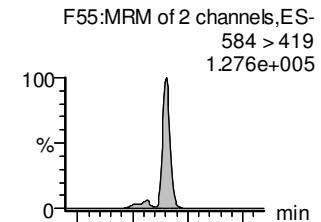
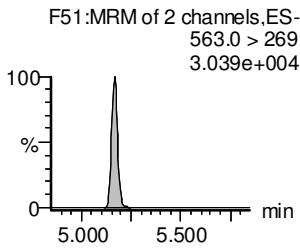
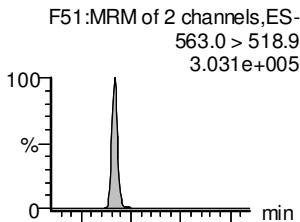
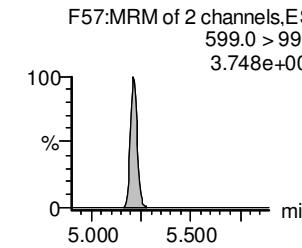
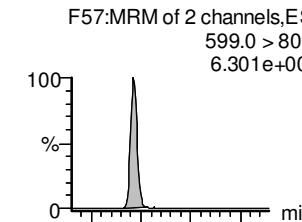
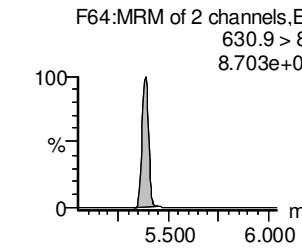
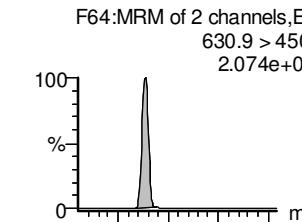
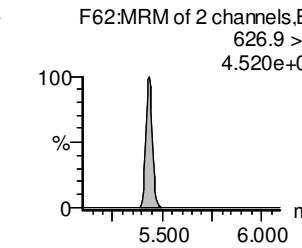
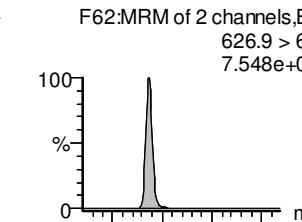
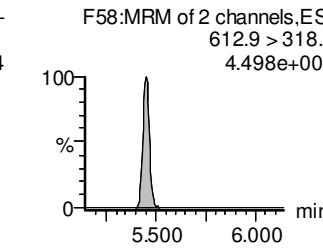
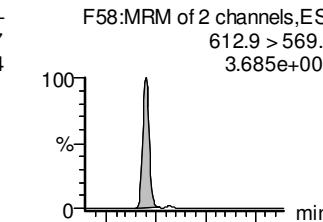
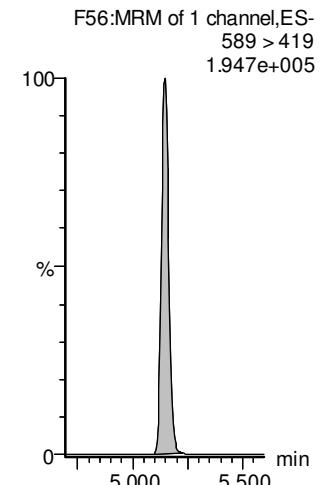
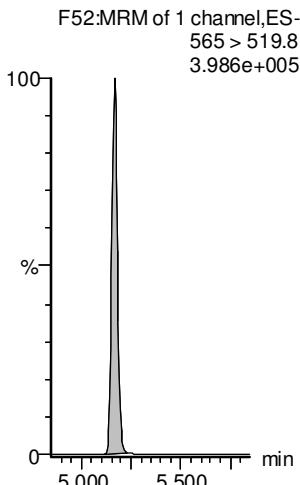
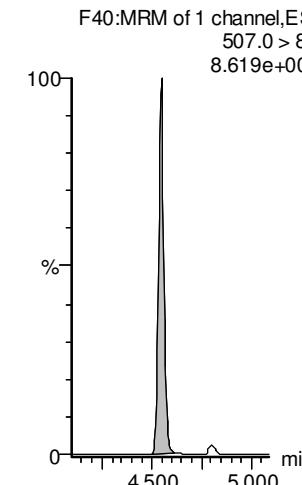
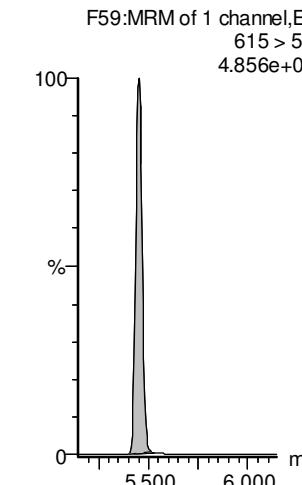
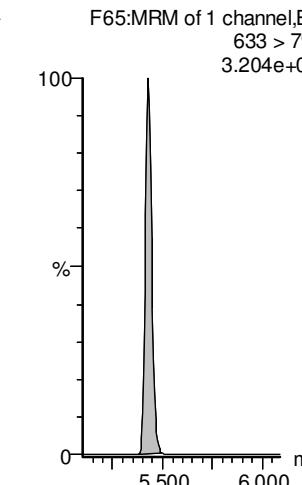
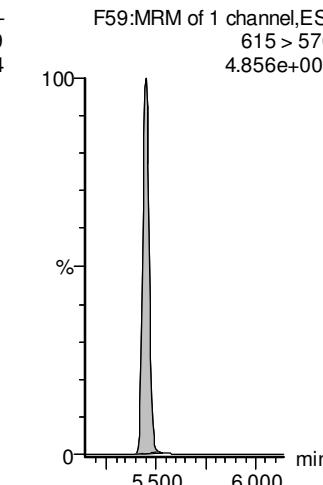
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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-101.qld

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Printed: Friday, March 26, 2021 09:50:35 Pacific Daylight Time

Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806

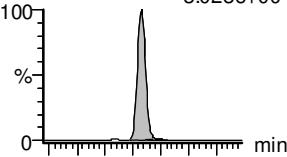
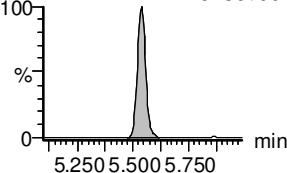
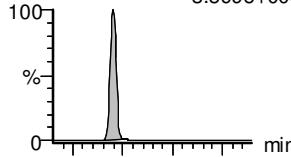
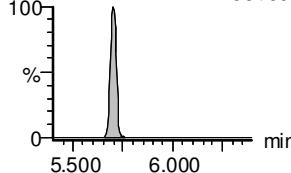
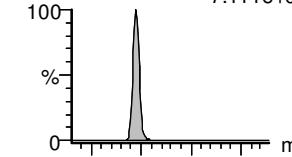
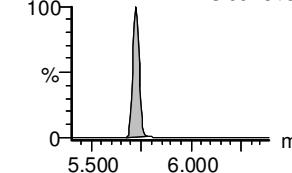
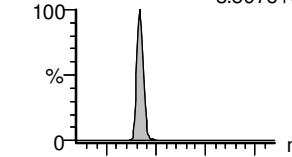
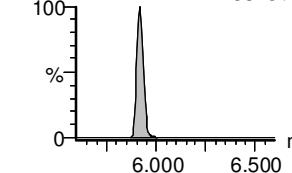
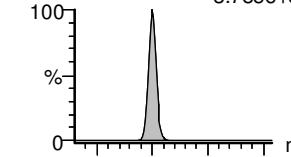
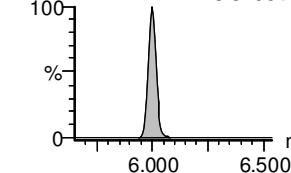
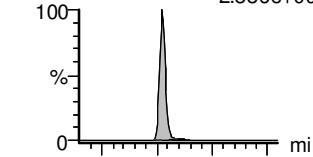
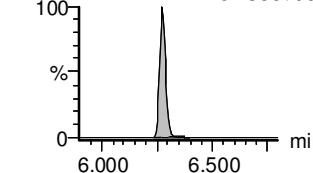
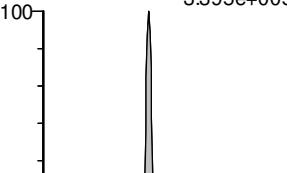
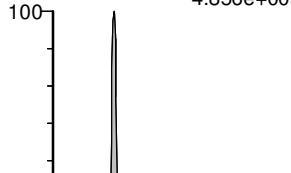
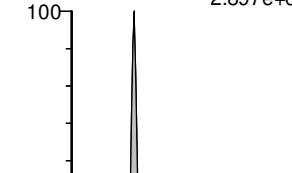
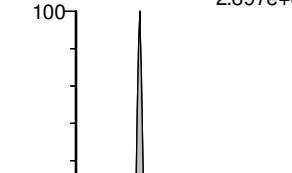
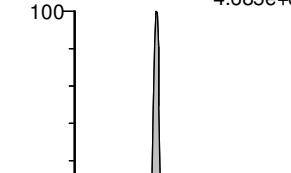
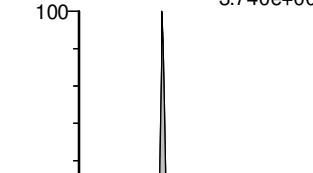
L-EtFOSAA**PFUdA****PFDS****11CI-PF30UdS****10:2 FTS****PFDoA****d5-N-EtFOSAA-EIS****13C2-PFUdA-EIS****13C8-PFOS-EIS****13C2-PFDoA-EIS****13C2-10:2 FTS-EIS****13C2-PFDoA-EIS**

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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-101.qld

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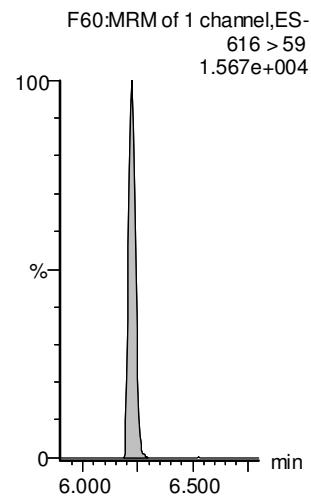
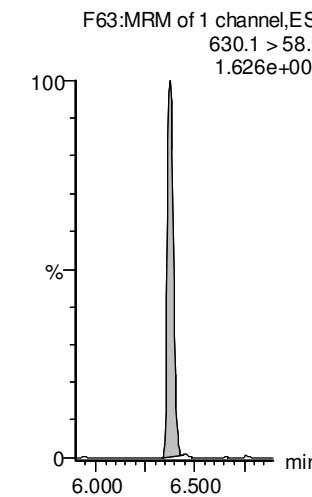
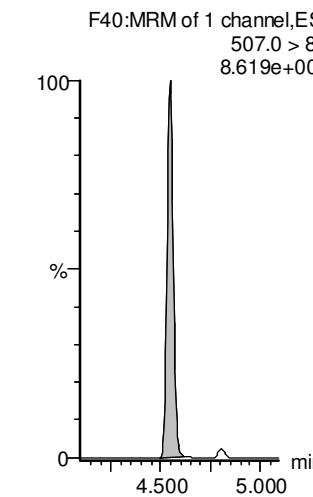
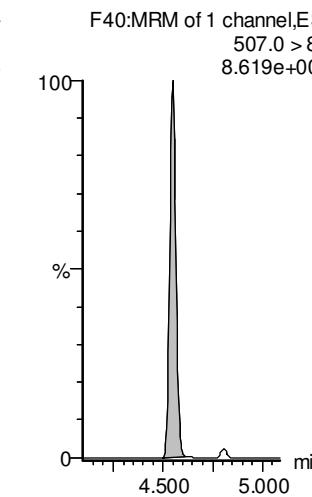
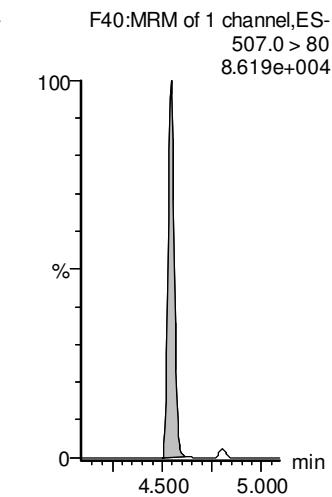
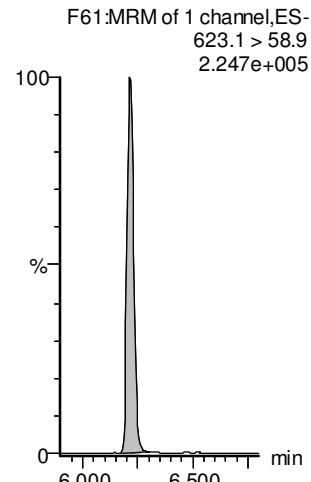
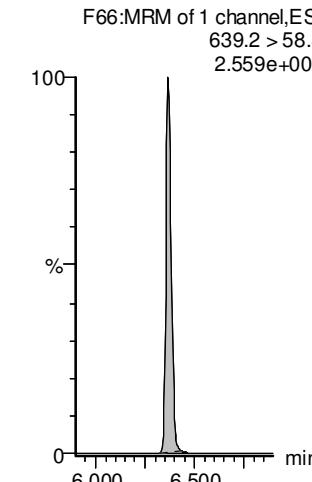
Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806**N-MeFOSA**F41:MRM of 2 channels,ES-
511.9 > 169
3.028e+004F41:MRM of 2 channels,ES-
511.9 > 219
2.543e+004**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
3.599e+005F67:MRM of 2 channels,ES-
662.9 > 319
4.249e+004**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
7.111e+004F68:MRM of 2 channels,ES-
698.9 > 99
3.992e+004**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
3.597e+005F69:MRM of 2 channels,ES-
713. > 369.0
2.832e+004**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
3.785e+004F45:MRM of 2 channels,ES-
526 > 219
3.316e+004**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
2.386e+005F71:MRM of 2 channels,ES-
813.1 > 219
9.135e+003**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.395e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.856e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.897e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.897e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.685e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.740e+005

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-101.qld

Last Altered: Friday, March 26, 2021 09:50:09 Pacific Daylight Time

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Name: 210325M1_101, Date: 26-Mar-2021, Time: 06:03:31, ID: ST210325M1-15 PFC CS3 21C0806, Description: PFC CS3 21C0806**PFODA****N-MeFOSE****N-EtFOSE****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFHxDAA-EIS****d7-N-MeFOSE-EIS****d9-N-EtFOSE-EIS**

INITIAL CALIBRATION

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:34:30 Pacific Daylight Time

OPV 3/26/2021

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58

Compound name: PFBACoefficient of Determination: R² = 0.997926

Calibration curve: 0.000323638 * x^2 + 1.18542 * x + 0.125624

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1 210325M1_4	Standard	0.250	1.18	102.304	3521.897	0.363	0.20	-19.9	NO	0.998	NO	MM
2	2 210325M1_5	Standard	0.500	1.17	219.585	3309.718	0.829	0.59	18.7	NO	0.998	NO	MM
3	3 210325M1_6	Standard	1.000	1.17	424.096	3460.538	1.532	1.19	18.6	NO	0.998	NO	MM
4	4 210325M1_7	Standard	2.000	1.18	636.354	3119.346	2.550	2.04	2.2	NO	0.998	NO	bb
5	5 210325M1_8	Standard	5.000	1.16	1701.519	3153.120	6.745	5.58	11.5	NO	0.998	NO	bb
6	6 210325M1_9	Standard	10.000	1.17	3292.638	3318.903	12.401	10.33	3.3	NO	0.998	NO	bb
7	7 210325M1_10	Standard	50.000	1.17	16953.758	3248.724	65.232	54.12	8.2	NO	0.998	NO	MM
8	8 210325M1_11	Standard	100.000	1.17	28935.627	2823.362	128.108	104.96	5.0	NO	0.998	NO	MM
9	9 210325M1_12	Standard	250.000	1.17	81250.703	3443.183	294.969	233.80	-6.5	NO	0.998	NO	MM
10	10 210325M1_13	Standard	500.000	1.17	160735.953	2942.340	682.858	506.03	1.2	NO	0.998	NO	MM

Compound name: PFPrSCoefficient of Determination: R² = 0.999893

Calibration curve: 0.000786282 * x^2 + 1.56532 * x + 0.100919

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1 210325M1_4	Standard	0.250	1.49	38.758	1238.208	0.391	0.19	-25.8	NO	1.000	NO	bb
2	2 210325M1_5	Standard	0.500	1.50	86.993	1166.528	0.932	0.53	6.2	NO	1.000	NO	MM
3	3 210325M1_6	Standard	1.000	1.51	182.795	1295.769	1.763	1.06	6.1	NO	1.000	NO	bb
4	4 210325M1_7	Standard	2.000	1.51	329.101	1170.940	3.513	2.18	8.9	NO	1.000	NO	MM
5	5 210325M1_8	Standard	5.000	1.50	805.283	1203.622	8.363	5.26	5.3	NO	1.000	NO	bb
6	6 210325M1_9	Standard	10.000	1.51	1567.010	1260.097	15.545	9.82	-1.8	NO	1.000	NO	bb
7	7 210325M1_10	Standard	50.000	1.50	8101.248	1224.682	82.687	51.43	2.9	NO	1.000	NO	bb
8	8 210325M1_11	Standard	100.000	1.50	13872.950	1073.118	161.596	98.32	-1.7	NO	1.000	NO	MM
9	9 210325M1_12	Standard	250.000	1.50	38165.461	1084.070	440.071	249.74	-0.1	NO	1.000	NO	bb
10	10 210325M1_13	Standard	500.000	1.50	72964.305	930.739	979.924	500.25	0.1	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:34:30 Pacific Daylight Time

Compound name: PFMPA

Coefficient of Determination: R² = 0.999833

Calibration curve: -0.000264392 * x² + 0.404808 * x + 0.0486385

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	1.54	94.615	8139.569	0.145	0.24	-4.5	NO	1.000	NO	bb
2	2	210325M1_5	Standard	0.500	1.53	163.288	7865.861	0.259	0.52	4.2	NO	1.000	NO	bb
3	3	210325M1_6	Standard	1.000	1.54	275.159	8094.337	0.425	0.93	-7.0	NO	1.000	NO	bb
4	4	210325M1_7	Standard	2.000	1.54	534.855	7511.391	0.890	2.08	4.1	NO	1.000	NO	bb
5	5	210325M1_8	Standard	5.000	1.54	1289.292	7451.372	2.163	5.24	4.8	NO	1.000	NO	bb
6	6	210325M1_9	Standard	10.000	1.54	2502.271	7775.142	4.023	9.88	-1.2	NO	1.000	NO	MM
7	7	210325M1_10	Standard	50.000	1.54	11580.417	7418.365	19.513	49.70	-0.6	NO	1.000	NO	bb
8	8	210325M1_11	Standard	100.000	1.54	20602.037	6787.264	37.942	100.16	0.2	NO	1.000	NO	MM
9	9	210325M1_12	Standard	250.000	1.54	11951.452	7048.884	21.194	54.15	-78.3	YES	1.000	NO	bbX
10	10	210325M1_13	Standard	500.000	1.54	20591.219	6477.586	39.736	105.28	-78.9	YES	1.000	NO	bbX

Compound name: 3:3 FTCA

Coefficient of Determination: R² = 0.998826

Calibration curve: 1.70376e-005 * x² + 0.06603 * x + -0.00871506

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	1.96	4.321	4791.640	0.011	0.30	21.1	NO	0.999	NO	MM
2	2	210325M1_5	Standard	0.500	1.96	6.126	4708.048	0.016	0.38	-24.3	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	1.97	26.424	4906.177	0.067	1.15	15.1	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	1.95	36.156	4459.360	0.101	1.67	-16.7	NO	0.999	NO	MM
5	5	210325M1_8	Standard	5.000	1.96	128.790	4569.626	0.352	5.46	9.2	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	1.97	240.264	4854.349	0.619	9.48	-5.2	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	1.96	1210.144	4485.527	3.372	50.55	1.1	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	1.96	2214.986	4102.750	6.748	99.77	-0.2	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	1.96	1202.101	4575.475	3.284	49.24	-80.3	YES	0.999	NO	bbX
10	10	210325M1_13	Standard	500.000	1.96	2266.770	3828.363	7.401	109.15	-78.2	YES	0.999	NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

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Compound name: PFPeA

Coefficient of Determination: R² = 0.998853

Calibration curve: 0.000201549 * x² + 0.898526 * x + 0.122238

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	2.11	115.084	4791.640	0.300	0.20	-20.8	NO	0.999	NO	MM
2	2	210325M1_5	Standard	0.500	2.11	200.711	4708.048	0.533	0.46	-8.6	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	2.11	423.645	4906.177	1.079	1.06	6.5	NO	0.999	NO	MM
4	4	210325M1_7	Standard	2.000	2.11	719.229	4459.360	2.016	2.11	5.3	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	2.11	1879.973	4569.626	5.143	5.58	11.6	NO	0.999	NO	MM
6	6	210325M1_9	Standard	10.000	2.11	3552.388	4854.349	9.147	10.02	0.2	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	2.11	17234.938	4485.527	48.029	52.69	5.4	NO	0.999	NO	MM
8	8	210325M1_11	Standard	100.000	2.11	31495.037	4102.750	95.957	104.22	4.2	NO	0.999	NO	MM
9	9	210325M1_12	Standard	250.000	2.11	82481.063	4575.475	225.335	237.95	-4.8	NO	0.999	NO	MM
10	10	210325M1_13	Standard	500.000	2.11	154584.313	3828.363	504.734	504.51	0.9	NO	0.999	NO	MM

Compound name: PFMBA

Coefficient of Determination: R² = 0.999897

Calibration curve: -0.000599539 * x² + 1.01075 * x + 0.0260612

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	2.40	114.528	4791.640	0.299	0.27	7.9	NO	1.000	NO	bb
2	2	210325M1_5	Standard	0.500	2.40	183.577	4708.048	0.487	0.46	-8.7	NO	1.000	NO	bb
3	3	210325M1_6	Standard	1.000	2.40	415.346	4906.177	1.058	1.02	2.2	NO	1.000	NO	bb
4	4	210325M1_7	Standard	2.000	2.40	706.734	4459.360	1.981	1.94	-3.2	NO	1.000	NO	bb
5	5	210325M1_8	Standard	5.000	2.40	1908.462	4569.626	5.221	5.15	3.1	NO	1.000	NO	bb
6	6	210325M1_9	Standard	10.000	2.40	3852.848	4854.349	9.921	9.85	-1.5	NO	1.000	NO	bb
7	7	210325M1_10	Standard	50.000	2.40	17645.352	4485.527	49.173	50.11	0.2	NO	1.000	NO	bb
8	8	210325M1_11	Standard	100.000	2.40	31200.775	4102.750	95.061	99.95	-0.1	NO	1.000	NO	bb
9	9	210325M1_12	Standard	250.000	2.40	17319.926	4575.475	47.317	48.16	-80.7	YES	1.000	NO	bbX
10	10	210325M1_13	Standard	500.000	2.40	29657.764	3828.363	96.836	101.94	-79.6	YES	1.000	NO	bbX

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Compound name: PFBS

Coefficient of Determination: R² = 0.999758

Calibration curve: 0.0004048 * x² + 1.70248 * x + 0.0963428

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	2.40	43.694	1238.208	0.441	0.20	-19.0	NO	1.000	NO	MM
2	2	210325M1_5	Standard	0.500	2.40	92.127	1166.528	0.987	0.52	4.6	NO	1.000	NO	bb
3	3	210325M1_6	Standard	1.000	2.40	201.109	1295.769	1.940	1.08	8.3	NO	1.000	NO	bb
4	4	210325M1_7	Standard	2.000	2.39	359.266	1170.940	3.835	2.19	9.7	NO	1.000	NO	bb
5	5	210325M1_8	Standard	5.000	2.39	963.442	1203.622	10.006	5.81	16.2	NO	1.000	NO	bb
6	6	210325M1_9	Standard	10.000	2.39	1778.295	1260.097	17.640	10.28	2.8	NO	1.000	NO	bb
7	7	210325M1_10	Standard	50.000	2.39	8506.245	1224.682	86.821	50.34	0.7	NO	1.000	NO	bb
8	8	210325M1_11	Standard	100.000	2.39	15023.158	1073.118	174.994	100.34	0.3	NO	1.000	NO	bb
9	9	210325M1_12	Standard	250.000	2.39	38545.129	1084.070	444.449	246.55	-1.4	NO	1.000	NO	bb
10	10	210325M1_13	Standard	500.000	2.39	71154.313	930.739	955.616	501.46	0.3	NO	1.000	NO	bb

Compound name: PFEESA

Correlation coefficient: r = 0.999606, r² = 0.999212

Calibration curve: 1.79007 * x + -0.0652116

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	2.74	25.450	1238.208	0.257	0.18	-28.0	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	2.74	88.235	1166.528	0.945	0.56	12.9	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	2.74	176.310	1295.769	1.701	0.99	-1.3	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	2.74	384.982	1170.940	4.110	2.33	16.6	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	2.73	885.441	1203.622	9.196	5.17	3.5	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	2.73	1756.956	1260.097	17.429	9.77	-2.3	NO	0.999	NO	bb
7	7	210325M1_10	Standard	50.000	2.73	8567.218	1224.682	87.443	48.89	-2.2	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	2.73	15493.414	1073.118	180.472	100.85	0.9	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	2.74	9107.194	1084.070	105.012	58.70	-76.5	YES	0.999	NO	bbX
10	10	210325M1_13	Standard	500.000	2.73	16279.850	930.739	218.641	122.18	-75.6	YES	0.999	NO	bbX

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Compound name: NFDHA

Coefficient of Determination: R² = 0.999925

Calibration curve: -0.000314228 * x² + 0.608114 * x + 0.0348745

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	2.81	114.906	8139.569	0.176	0.23	-6.9	NO	1.000	NO	bb
2	2	210325M1_5	Standard	0.500	2.81	228.678	7865.861	0.363	0.54	8.1	NO	1.000	NO	bb
3	3	210325M1_6	Standard	1.000	2.81	410.779	8094.337	0.634	0.99	-1.4	NO	1.000	NO	bb
4	4	210325M1_7	Standard	2.000	2.81	733.162	7511.391	1.220	1.95	-2.5	NO	1.000	NO	bb
5	5	210325M1_8	Standard	5.000	2.81	1864.310	7451.372	3.127	5.10	2.0	NO	1.000	NO	MM
6	6	210325M1_9	Standard	10.000	2.81	3826.466	7775.142	6.152	10.11	1.1	NO	1.000	NO	bb
7	7	210325M1_10	Standard	50.000	2.81	17487.814	7418.365	29.467	49.67	-0.7	NO	1.000	NO	bb
8	8	210325M1_11	Standard	100.000	2.81	31378.258	6787.264	57.789	100.16	0.2	NO	1.000	NO	bb
9	9	210325M1_12	Standard	250.000	2.81	18389.416	7048.884	32.611	55.14	-77.9	YES	1.000	NO	bbX
10	10	210325M1_13	Standard	500.000	2.81	32703.750	6477.586	63.109	109.97	-78.0	YES	1.000	NO	bbX

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.998659

Calibration curve: -0.000392214 * x² + 2.95917 * x + 0.369764

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	2.83	87.828	1201.617	0.914	0.18	-26.5	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	2.82	142.480	1200.745	1.483	0.38	-24.7	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	2.82	351.300	1127.050	3.896	1.19	19.2	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	2.82	623.540	1085.903	7.178	2.30	15.1	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	2.82	1538.694	1146.022	16.783	5.55	11.0	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	2.82	2959.480	1206.655	30.658	10.25	2.5	NO	0.999	NO	bb
7	7	210325M1_10	Standard	50.000	2.82	12642.710	1045.743	151.121	51.29	2.6	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	2.82	22126.715	902.062	306.613	104.95	4.9	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	2.82	53727.762	988.208	679.611	236.98	-5.2	NO	0.999	NO	bb
10	10	210325M1_13	Standard	500.000	2.82	94964.195	849.923	1396.659	505.75	1.2	NO	0.999	NO	bb

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Compound name: PFHxA

Coefficient of Determination: R² = 0.999889

Calibration curve: -3.24401e-005 * x² + 0.99745 * x + 0.0993732

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	2.91	181.463	8139.569	0.279	0.18	-28.1	NO	1.000	NO	MM
2	2	210325M1_5	Standard	0.500	2.91	385.319	7865.861	0.612	0.51	2.9	NO	1.000	NO	bb
3	3	210325M1_6	Standard	1.000	2.91	798.552	8094.337	1.233	1.14	13.7	NO	1.000	NO	db
4	4	210325M1_7	Standard	2.000	2.91	1276.485	7511.391	2.124	2.03	1.5	NO	1.000	NO	bb
5	5	210325M1_8	Standard	5.000	2.91	3309.159	7451.372	5.551	5.47	9.3	NO	1.000	NO	bb
6	6	210325M1_9	Standard	10.000	2.91	6304.687	7775.142	10.136	10.07	0.7	NO	1.000	NO	bb
7	7	210325M1_10	Standard	50.000	2.91	29842.367	7418.365	50.285	50.40	0.8	NO	1.000	NO	bb
8	8	210325M1_11	Standard	100.000	2.91	53905.891	6787.264	99.278	99.76	-0.2	NO	1.000	NO	bb
9	9	210325M1_12	Standard	250.000	2.91	138633.578	7048.884	245.843	248.38	-0.6	NO	1.000	NO	bb
10	10	210325M1_13	Standard	500.000	2.91	254705.422	6477.586	491.513	500.83	0.2	NO	1.000	NO	bb

Compound name: PFPoS

Coefficient of Determination: R² = 0.999725

Calibration curve: 0.000148916 * x² + 1.70948 * x + 0.197905

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	3.12	49.759	1238.208	0.502	0.18	-28.8	NO	1.000	NO	bb
2	2	210325M1_5	Standard	0.500	3.12	96.003	1166.528	1.029	0.49	-2.8	NO	1.000	NO	bb
3	3	210325M1_6	Standard	1.000	3.11	201.147	1295.769	1.940	1.02	1.9	NO	1.000	NO	bb
4	4	210325M1_7	Standard	2.000	3.12	388.616	1170.940	4.149	2.31	15.5	NO	1.000	NO	bb
5	5	210325M1_8	Standard	5.000	3.11	886.969	1203.622	9.211	5.27	5.4	NO	1.000	NO	bb
6	6	210325M1_9	Standard	10.000	3.12	1906.279	1260.097	18.910	10.94	9.4	NO	1.000	NO	bb
7	7	210325M1_10	Standard	50.000	3.12	8389.258	1224.682	85.627	49.76	-0.5	NO	1.000	NO	bb
8	8	210325M1_11	Standard	100.000	3.11	14986.985	1073.118	174.573	101.11	1.1	NO	1.000	NO	bb
9	9	210325M1_12	Standard	250.000	3.12	37260.598	1084.070	429.638	245.94	-1.6	NO	1.000	NO	bb
10	10	210325M1_13	Standard	500.000	3.12	66670.617	930.739	895.399	501.74	0.3	NO	1.000	NO	bb

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Compound name: HFPO-DA

Correlation coefficient: r = 0.997482, r^2 = 0.994970

Calibration curve: 1.28838 * x + 0.015072

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1 210325M1_4	Standard	0.250	3.13	7.414	369.611	0.251	0.18	-26.8	NO	0.995	NO	bb
2	2 210325M1_5	Standard	0.500	3.13	17.426	344.331	0.633	0.48	-4.1	NO	0.995	NO	bb
3	3 210325M1_6	Standard	1.000	3.12	43.835	325.777	1.682	1.29	29.4	NO	0.995	NO	bb
4	4 210325M1_7	Standard	2.000	3.13	55.674	267.263	2.604	2.01	0.5	NO	0.995	NO	bb
5	5 210325M1_8	Standard	5.000	3.13	183.065	324.199	7.058	5.47	9.3	NO	0.995	NO	bb
6	6 210325M1_9	Standard	10.000	3.13	322.819	310.714	12.987	10.07	0.7	NO	0.995	NO	bb
7	7 210325M1_10	Standard	50.000	3.13	1599.991	305.675	65.429	50.77	1.5	NO	0.995	NO	bb
8	8 210325M1_11	Standard	100.000	3.12	2708.028	262.394	129.006	100.12	0.1	NO	0.995	NO	bb
9	9 210325M1_12	Standard	250.000	3.13	6557.881	286.249	286.371	222.26	-11.1	NO	0.995	NO	bb
10	10 210325M1_13	Standard	500.000	3.13	12562.556	231.669	677.829	526.10	5.2	NO	0.995	NO	bb

Compound name: 5:3 FTCA

Coefficient of Determination: R^2 = 0.999726

Calibration curve: 4.17613e-005 * x^2 + 0.302516 * x + 0.00813786

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1 210325M1_4	Standard	0.250	3.47	33.035	4632.836	0.089	0.27	7.1	NO	1.000	NO	bb
2	2 210325M1_5	Standard	0.500	3.46	50.348	4451.725	0.141	0.44	-11.9	NO	1.000	NO	bb
3	3 210325M1_6	Standard	1.000	3.47	117.572	4572.400	0.321	1.04	3.5	NO	1.000	NO	bb
4	4 210325M1_7	Standard	2.000	3.47	210.985	4200.437	0.628	2.05	2.4	NO	1.000	NO	bb
5	5 210325M1_8	Standard	5.000	3.47	561.678	4481.757	1.567	5.15	3.0	NO	1.000	NO	bb
6	6 210325M1_9	Standard	10.000	3.47	1098.501	4752.306	2.889	9.51	-4.9	NO	1.000	NO	bb
7	7 210325M1_10	Standard	50.000	3.47	5312.783	4313.655	15.395	50.51	1.0	NO	1.000	NO	bb
8	8 210325M1_11	Standard	100.000	3.47	9611.191	3924.710	30.611	99.79	-0.2	NO	1.000	NO	bb
9	9 210325M1_12	Standard	250.000	3.47	5356.184	4317.983	15.505	50.87	-79.7	YES	1.000	NO	bbX
10	10 210325M1_13	Standard	500.000	3.47	9999.468	3505.549	35.656	115.98	-76.8	YES	1.000	NO	bbX

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Compound name: PFHpA

Correlation coefficient: r = 0.998591, r^2 = 0.997184

Calibration curve: 1.25381 * x + 0.0501442

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	3.52	111.805	4632.836	0.302	0.20	-19.8	NO	0.997	NO	bb
2	2	210325M1_5	Standard	0.500	3.52	278.091	4451.725	0.781	0.58	16.6	NO	0.997	NO	MM
3	3	210325M1_6	Standard	1.000	3.52	503.354	4572.400	1.376	1.06	5.8	NO	0.997	NO	bb
4	4	210325M1_7	Standard	2.000	3.52	970.335	4200.437	2.888	2.26	13.2	NO	0.997	NO	bb
5	5	210325M1_8	Standard	5.000	3.52	2410.777	4481.757	6.724	5.32	6.5	NO	0.997	NO	bb
6	6	210325M1_9	Standard	10.000	3.52	4654.155	4752.306	12.242	9.72	-2.8	NO	0.997	NO	bb
7	7	210325M1_10	Standard	50.000	3.52	21900.512	4313.655	63.463	50.58	1.2	NO	0.997	NO	MM
8	8	210325M1_11	Standard	100.000	3.52	39254.809	3924.710	125.025	99.68	-0.3	NO	0.997	NO	bb
9	9	210325M1_12	Standard	250.000	3.52	99420.492	4317.983	287.809	229.51	-8.2	NO	0.997	NO	bb
10	10	210325M1_13	Standard	500.000	3.52	182801.266	3505.549	651.828	519.84	4.0	NO	0.997	NO	bb

Compound name: ADONA

Coefficient of Determination: R^2 = 0.998429

Calibration curve: 0.0010155 * x^2 + 3.89314 * x + 0.338624

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	3.63	423.732	4632.836	1.143	0.21	-17.3	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	3.63	832.139	4451.725	2.337	0.51	2.6	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	3.63	1701.115	4572.400	4.650	1.11	10.7	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	3.63	3157.684	4200.437	9.397	2.33	16.3	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	3.63	7931.710	4481.757	22.122	5.59	11.7	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	3.63	15592.568	4752.306	41.013	10.42	4.2	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	3.63	73298.906	4313.655	212.404	53.72	7.4	NO	0.998	NO	bb
8	8	210325M1_11	Standard	100.000	3.63	130195.109	3924.710	414.665	103.62	3.6	NO	0.998	NO	bb
9	9	210325M1_12	Standard	250.000	3.63	337035.438	4317.983	975.674	236.00	-5.6	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	3.63	624540.500	3505.549	2226.971	505.33	1.1	NO	0.998	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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Compound name: L-PFHxS

Coefficient of Determination: R² = 0.999390

Calibration curve: 0.000150901 * x^2 + 0.987383 * x + 0.0143905

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	3.66	38.165	2270.656	0.210	0.20	-20.7	NO	0.999	NO	MM
2	2	210325M1_5	Standard	0.500	3.66	101.619	2333.299	0.544	0.54	7.3	NO	0.999	NO	MM
3	3	210325M1_6	Standard	1.000	3.67	197.407	2353.537	1.048	1.05	4.7	NO	0.999	NO	MM
4	4	210325M1_7	Standard	2.000	3.66	338.177	2115.948	1.998	2.01	0.4	NO	0.999	NO	MM
5	5	210325M1_8	Standard	5.000	3.67	949.751	2183.077	5.438	5.49	9.8	NO	0.999	NO	MM
6	6	210325M1_9	Standard	10.000	3.66	1865.324	2344.895	9.944	10.04	0.4	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	3.67	9103.817	2202.584	51.666	51.90	3.8	NO	0.999	NO	MM
8	8	210325M1_11	Standard	100.000	3.66	16431.316	1989.277	103.249	102.93	2.9	NO	0.999	NO	MM
9	9	210325M1_12	Standard	250.000	3.66	41490.496	2099.990	246.968	241.22	-3.5	NO	0.999	NO	MM
10	10	210325M1_13	Standard	500.000	3.67	77273.711	1804.452	535.299	503.40	0.7	NO	0.999	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.999650

Calibration curve: -0.000396841 * x^2 + 3.29235 * x + 0.111429

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	3.97	82.484	1212.295	0.850	0.22	-10.2	NO	1.000	NO	bb
2	2	210325M1_5	Standard	0.500	3.96	189.005	1233.085	1.916	0.55	9.6	NO	1.000	NO	bb
3	3	210325M1_6	Standard	1.000	3.97	327.895	1202.028	3.410	1.00	0.2	NO	1.000	NO	bb
4	4	210325M1_7	Standard	2.000	3.97	618.046	1175.322	6.573	1.96	-1.8	NO	1.000	NO	bb
5	5	210325M1_8	Standard	5.000	3.97	1655.073	1222.270	16.926	5.11	2.2	NO	1.000	NO	bb
6	6	210325M1_9	Standard	10.000	3.97	3226.954	1196.848	33.703	10.22	2.2	NO	1.000	NO	bb
7	7	210325M1_10	Standard	50.000	3.97	14524.698	1168.920	155.322	47.41	-5.2	NO	1.000	NO	bb
8	8	210325M1_11	Standard	100.000	3.97	25657.992	950.837	337.308	103.71	3.7	NO	1.000	NO	bb
9	9	210325M1_12	Standard	250.000	3.97	61934.980	976.978	792.431	248.07	-0.8	NO	1.000	NO	bb
10	10	210325M1_13	Standard	500.000	3.97	110800.914	894.423	1548.497	500.49	0.1	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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Compound name: L-PFOA

Coefficient of Determination: R² = 0.998238

Calibration curve: 0.000145557 * x² + 1.30656 * x + 0.103754

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.03	283.042	9207.292	0.384	0.21	-14.1	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	4.02	569.159	9059.813	0.785	0.52	4.3	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	4.02	1162.945	9417.344	1.544	1.10	10.2	NO	0.998	NO	db
4	4	210325M1_7	Standard	2.000	4.02	2103.820	8791.260	2.991	2.21	10.5	NO	0.998	NO	db
5	5	210325M1_8	Standard	5.000	4.02	5348.775	8901.837	7.511	5.67	13.3	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	4.02	10436.169	9687.973	13.465	10.21	2.1	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	4.02	49214.246	8952.336	68.717	52.21	4.4	NO	0.998	NO	MM
8	8	210325M1_11	Standard	100.000	4.02	87543.602	7809.914	140.116	105.91	5.9	NO	0.998	NO	bb
9	9	210325M1_12	Standard	250.000	4.02	215373.906	8549.521	314.892	234.79	-6.1	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	4.02	386041.438	6909.772	698.361	505.91	1.2	NO	0.998	NO	bb

Compound name: PFecHS

Coefficient of Determination: R² = 0.998858

Calibration curve: 0.000187832 * x² + 0.457534 * x + 0.0313088

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.05	82.271	9207.292	0.112	0.18	-29.7	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	4.04	201.824	9059.813	0.278	0.54	8.0	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	4.04	434.368	9417.344	0.577	1.19	19.1	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	4.04	749.185	8791.260	1.065	2.26	12.9	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	4.04	1893.409	8901.837	2.659	5.73	14.6	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	4.04	3533.484	9687.973	4.559	9.86	-1.4	NO	0.999	NO	bb
7	7	210325M1_10	Standard	50.000	4.04	17116.150	8952.336	23.899	51.09	2.2	NO	0.999	NO	MM
8	8	210325M1_11	Standard	100.000	4.04	31455.816	7809.914	50.346	105.41	5.4	NO	0.999	NO	MM
9	9	210325M1_12	Standard	250.000	4.04	82082.875	8549.521	120.011	238.82	-4.5	NO	0.999	NO	MM
10	10	210325M1_13	Standard	500.000	4.04	153804.094	6909.772	278.237	503.84	0.8	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: PFHpS

Coefficient of Determination: R² = 0.997738

Calibration curve: 0.000199356 * x² + 0.872554 * x + 0.090917

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.14	55.265	2416.982	0.286	0.22	-10.7	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	4.14	84.777	2561.400	0.414	0.37	-26.0	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	4.14	221.524	2624.963	1.055	1.10	10.4	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	4.14	389.542	2363.281	2.060	2.26	12.8	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	4.14	961.938	2587.007	4.648	5.22	4.3	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	4.14	1937.922	2681.875	9.032	10.22	2.2	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	4.14	9311.747	2522.456	46.144	52.16	4.3	NO	0.998	NO	bb
8	8	210325M1_11	Standard	100.000	4.14	16761.930	2167.438	96.669	108.02	8.0	NO	0.998	NO	bb
9	9	210325M1_12	Standard	250.000	4.14	42340.113	2468.753	214.380	233.17	-6.7	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	4.14	78161.227	1982.999	492.696	506.05	1.2	NO	0.998	NO	bb

Compound name: 7:3 FTCA

Coefficient of Determination: R² = 0.999429

Calibration curve: -0.000106888 * x² + 0.307029 * x + -0.00195609

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.45	64.976	9828.792	0.083	0.28	10.2	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	4.45	114.299	9909.326	0.144	0.48	-4.8	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	4.45	260.240	10067.401	0.323	1.06	5.9	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	4.45	389.263	9276.239	0.525	1.72	-14.2	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	4.44	1186.685	9394.943	1.579	5.16	3.2	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	4.44	2308.207	9855.683	2.928	9.57	-4.3	NO	0.999	NO	bb
7	7	210325M1_10	Standard	50.000	4.44	11609.890	9449.124	15.358	50.93	1.9	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	4.44	20668.395	8755.970	29.506	99.56	-0.4	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	4.44	11957.935	9123.569	16.383	54.40	-78.2	YES	0.999	NO	bbX
10	10	210325M1_13	Standard	500.000	4.44	20828.049	7326.426	35.536	120.83	-75.8	YES	0.999	NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: PFNA

Coefficient of Determination: R² = 0.998765

Calibration curve: 0.000386105 * x² + 1.05977 * x + 0.138476

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.47	295.207	9828.792	0.375	0.22	-10.6	NO	0.999	NO	MM
2	2	210325M1_5	Standard	0.500	4.47	495.972	9909.326	0.626	0.46	-8.1	NO	0.999	NO	MM
3	3	210325M1_6	Standard	1.000	4.47	1050.901	10067.401	1.305	1.10	10.0	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	4.47	2066.709	9276.239	2.785	2.49	24.7	NO	0.999	NO	MM
5	5	210325M1_8	Standard	5.000	4.47	5039.345	9394.943	6.705	6.18	23.6	NO	0.999	NO	MM
6	6	210325M1_9	Standard	10.000	4.47	9281.007	9855.683	11.771	10.93	9.3	NO	0.999	NO	bb
7	7	210325M1_10	Standard	50.000	4.47	42971.793	9449.124	56.846	52.51	5.0	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	4.47	78279.523	8755.970	111.752	101.56	1.6	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	4.47	201340.531	9123.569	275.852	239.30	-4.3	NO	0.999	NO	bb
10	10	210325M1_13	Standard	500.000	4.47	370753.313	7326.426	632.562	504.16	0.8	NO	0.999	NO	bb

Compound name: PFOSA

Coefficient of Determination: R² = 0.999696

Calibration curve: 5.92906e-005 * x² + 0.90881 * x + 0.0824994

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.52	68.959	3227.030	0.267	0.20	-18.7	NO	1.000	NO	bb
2	2	210325M1_5	Standard	0.500	4.51	136.210	3165.535	0.538	0.50	0.2	NO	1.000	NO	bb
3	3	210325M1_6	Standard	1.000	4.52	268.732	3189.511	1.053	1.07	6.8	NO	1.000	NO	bb
4	4	210325M1_7	Standard	2.000	4.51	459.107	3038.204	1.889	1.99	-0.6	NO	1.000	NO	bb
5	5	210325M1_8	Standard	5.000	4.51	1292.950	3221.649	5.017	5.43	8.5	NO	1.000	NO	MM
6	6	210325M1_9	Standard	10.000	4.51	2439.583	3291.679	9.264	10.10	1.0	NO	1.000	NO	bb
7	7	210325M1_10	Standard	50.000	4.51	11899.001	3084.245	48.225	52.79	5.6	NO	1.000	NO	bb
8	8	210325M1_11	Standard	100.000	4.51	21287.709	2960.180	89.892	98.19	-1.8	NO	1.000	NO	bb
9	9	210325M1_12	Standard	250.000	4.51	55914.277	3064.154	228.098	246.92	-1.2	NO	1.000	NO	bb
10	10	210325M1_13	Standard	500.000	4.51	107376.414	2850.734	470.828	501.57	0.3	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: L-PFOS

Coefficient of Determination: R² = 0.998251

Calibration curve: 0.000329834 * x^2 + 1.01566 * x + 0.0306087

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.55	63.559	2416.982	0.329	0.29	17.4	NO	0.998	NO	MM
2	2	210325M1_5	Standard	0.500	4.55	84.818	2561.400	0.414	0.38	-24.5	NO	0.998	NO	MM
3	3	210325M1_6	Standard	1.000	4.56	209.246	2624.963	0.996	0.95	-4.9	NO	0.998	NO	MM
4	4	210325M1_7	Standard	2.000	4.55	415.387	2363.281	2.197	2.13	6.6	NO	0.998	NO	MM
5	5	210325M1_8	Standard	5.000	4.55	1111.876	2587.007	5.372	5.25	5.0	NO	0.998	NO	MM
6	6	210325M1_9	Standard	10.000	4.55	2326.089	2681.875	10.842	10.61	6.1	NO	0.998	NO	MM
7	7	210325M1_10	Standard	50.000	4.55	10933.815	2522.456	54.182	52.42	4.8	NO	0.998	NO	MM
8	8	210325M1_11	Standard	100.000	4.55	19402.371	2167.438	111.897	106.46	6.5	NO	0.998	NO	MM
9	9	210325M1_12	Standard	250.000	4.55	50767.242	2468.753	257.049	235.10	-6.0	NO	0.998	NO	MM
10	10	210325M1_13	Standard	500.000	4.55	94772.375	1982.999	597.406	505.26	1.1	NO	0.998	NO	MM

Compound name: 9Cl-PF30NS

Coefficient of Determination: R² = 0.998309

Calibration curve: 0.000843562 * x^2 + 3.98357 * x + 0.244078

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.78	199.025	2416.982	1.029	0.20	-21.2	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	4.77	499.754	2561.400	2.439	0.55	10.2	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	4.77	983.353	2624.963	4.683	1.11	11.4	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	4.78	1624.548	2363.281	8.593	2.09	4.7	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	4.78	4503.731	2587.007	21.761	5.40	7.9	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	4.77	9140.572	2681.875	42.603	10.61	6.1	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	4.78	42286.906	2522.456	209.552	51.97	3.9	NO	0.998	NO	bb
8	8	210325M1_11	Standard	100.000	4.78	75059.266	2167.438	432.880	106.22	6.2	NO	0.998	NO	bb
9	9	210325M1_12	Standard	250.000	4.78	194246.016	2468.753	983.523	235.13	-5.9	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	4.78	353695.688	1982.999	2229.550	505.51	1.1	NO	0.998	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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Printed: Friday, March 26, 2021 08:34:30 Pacific Daylight Time

Compound name: PFDA

Coefficient of Determination: R² = 0.999242

Calibration curve: 6.33099e-005 * x² + 1.39082 * x + 0.181806

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.84	334.923	9098.053	0.460	0.20	-19.9	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	4.84	567.799	9196.477	0.772	0.42	-15.2	NO	0.999	NO	MM
3	3	210325M1_6	Standard	1.000	4.84	1326.383	9499.894	1.745	1.12	12.4	NO	0.999	NO	MM
4	4	210325M1_7	Standard	2.000	4.84	2255.736	8677.178	3.250	2.21	10.3	NO	0.999	NO	MM
5	5	210325M1_8	Standard	5.000	4.84	5687.761	9004.031	7.896	5.55	10.9	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	4.84	10673.005	9612.254	13.879	9.84	-1.6	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	4.84	52071.645	9131.069	71.284	51.00	2.0	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	4.84	93390.844	8015.428	145.642	104.09	4.1	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	4.84	237500.547	8770.733	338.484	240.60	-3.8	NO	0.999	NO	bb
10	10	210325M1_13	Standard	500.000	4.84	431513.063	7524.946	716.804	503.70	0.7	NO	0.999	NO	bb

Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.998394

Calibration curve: -0.00041639 * x² + 2.56998 * x + 0.128026

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.81	86.575	1438.622	0.752	0.24	-2.8	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	4.81	119.212	1409.843	1.057	0.36	-27.7	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	4.81	359.288	1403.503	3.200	1.20	19.6	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	4.81	630.292	1401.220	5.623	2.14	6.9	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	4.81	1647.373	1429.074	14.409	5.56	11.2	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	4.81	3289.867	1469.904	27.977	10.86	8.6	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	4.81	14452.854	1353.651	133.462	52.32	4.6	NO	0.998	NO	bb
8	8	210325M1_11	Standard	100.000	4.81	25424.186	1207.717	263.143	104.10	4.1	NO	0.998	NO	bb
9	9	210325M1_12	Standard	250.000	4.81	62199.574	1336.782	581.617	235.23	-5.9	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	4.81	109721.188	1146.920	1195.824	506.88	1.4	NO	0.998	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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Compound name: PFNS

Coefficient of Determination: R² = 0.997594

Calibration curve: 0.000146033 * x^2 + 0.696467 * x + 0.0283438

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.91	37.059	2416.982	0.192	0.23	-6.2	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	4.91	65.975	2561.400	0.322	0.42	-15.7	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	4.91	145.740	2624.963	0.694	0.96	-4.4	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	4.91	332.172	2363.281	1.757	2.48	24.0	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	4.91	817.562	2587.007	3.950	5.62	12.5	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	4.91	1494.995	2681.875	6.968	9.94	-0.6	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	4.91	7421.944	2522.456	36.779	52.20	4.4	NO	0.998	NO	bb
8	8	210325M1_11	Standard	100.000	4.91	13323.078	2167.438	76.837	107.84	7.8	NO	0.998	NO	bb
9	9	210325M1_12	Standard	250.000	4.91	33590.285	2468.753	170.077	232.80	-6.9	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	4.91	61880.129	1982.999	390.067	506.28	1.3	NO	0.998	NO	bb

Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.998193

Calibration curve: -5.6876e-005 * x^2 + 0.89676 * x + 0.0204091

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	4.99	119.496	6782.519	0.220	0.22	-10.9	NO	0.998	NO	MM
2	2	210325M1_5	Standard	0.500	5.00	245.158	6927.911	0.442	0.47	-5.9	NO	0.998	NO	MM
3	3	210325M1_6	Standard	1.000	4.99	550.472	7130.014	0.965	1.05	5.3	NO	0.998	NO	MM
4	4	210325M1_7	Standard	2.000	5.00	972.751	6604.328	1.841	2.03	1.5	NO	0.998	NO	MM
5	5	210325M1_8	Standard	5.000	4.99	2627.999	6873.833	4.779	5.31	6.2	NO	0.998	NO	MM
6	6	210325M1_9	Standard	10.000	4.99	5463.820	6957.584	9.816	10.93	9.3	NO	0.998	NO	MM
7	7	210325M1_10	Standard	50.000	4.99	24840.162	6857.292	45.281	50.63	1.3	NO	0.998	NO	MM
8	8	210325M1_11	Standard	100.000	4.99	44879.875	5878.200	95.437	107.13	7.1	NO	0.998	NO	MM
9	9	210325M1_12	Standard	250.000	4.99	113287.930	6830.686	207.314	234.65	-6.1	NO	0.998	NO	MM
10	10	210325M1_13	Standard	500.000	4.99	206767.234	5880.564	439.514	506.35	1.3	NO	0.998	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999679

Calibration curve: -0.000472156 * x² + 1.00752 * x + -0.0133378

Response type: Internal Std (Ref 68), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.15	83.328	6342.830	0.164	0.18	-29.5	NO	1.000	NO	MM
2	2	210325M1_5	Standard	0.500	5.16	271.072	6069.999	0.558	0.57	13.5	NO	1.000	NO	MM
3	3	210325M1_6	Standard	1.000	5.16	557.910	6414.290	1.087	1.09	9.3	NO	1.000	NO	MM
4	4	210325M1_7	Standard	2.000	5.15	934.753	5957.577	1.961	1.96	-1.9	NO	1.000	NO	MM
5	5	210325M1_8	Standard	5.000	5.15	2772.486	6258.607	5.537	5.52	10.5	NO	1.000	NO	MM
6	6	210325M1_9	Standard	10.000	5.16	5181.328	6490.419	9.979	9.96	-0.4	NO	1.000	NO	MM
7	7	210325M1_10	Standard	50.000	5.15	22979.926	5943.937	48.326	49.11	-1.8	NO	1.000	NO	MM
8	8	210325M1_11	Standard	100.000	5.15	41485.488	5386.152	96.278	100.29	0.3	NO	1.000	NO	MM
9	9	210325M1_12	Standard	250.000	5.15	102585.875	5765.443	222.415	250.07	0.0	NO	1.000	NO	MM
10	10	210325M1_13	Standard	500.000	5.15	178087.125	4521.387	492.346	757.80	51.6	YES	1.000	NO	MMX

Compound name: PFUdA

Coefficient of Determination: R² = 0.998725

Calibration curve: 4.00333e-005 * x² + 0.931774 * x + 0.0883186

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.17	312.132	13194.525	0.296	0.22	-11.0	NO	0.999	NO	MM
2	2	210325M1_5	Standard	0.500	5.17	639.173	13333.280	0.599	0.55	9.7	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	5.17	1199.579	13954.022	1.075	1.06	5.8	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	5.17	2197.355	12497.201	2.198	2.26	13.2	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	5.17	5717.019	13349.737	5.353	5.65	13.0	NO	0.999	NO	MM
6	6	210325M1_9	Standard	10.000	5.17	10741.151	14061.426	9.548	10.15	1.5	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	5.17	50481.707	12579.566	50.162	53.62	7.2	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	5.17	89862.781	11708.248	95.940	102.42	2.4	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	5.17	223857.813	12508.999	223.697	237.56	-5.0	NO	0.999	NO	MM
10	10	210325M1_13	Standard	500.000	5.17	410363.875	10662.140	481.099	505.26	1.1	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: PFDS

Coefficient of Determination: R² = 0.998472

Calibration curve: 0.000212714 * x² + 0.962855 * x + 0.122708

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.22	57.061	2416.982	0.295	0.18	-28.4	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	5.22	117.455	2561.400	0.573	0.47	-6.4	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	5.22	233.306	2624.963	1.111	1.03	2.6	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	5.22	433.924	2363.281	2.295	2.26	12.8	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	5.22	1107.007	2587.007	5.349	5.42	8.4	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	5.22	2216.780	2681.875	10.332	10.58	5.8	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	5.22	10258.479	2522.456	50.836	52.07	4.1	NO	0.998	NO	bb
8	8	210325M1_11	Standard	100.000	5.22	18070.777	2167.438	104.217	105.64	5.6	NO	0.998	NO	bb
9	9	210325M1_12	Standard	250.000	5.22	47227.574	2468.753	239.127	235.93	-5.6	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	5.22	85804.227	1982.999	540.874	505.22	1.0	NO	0.998	NO	bb

Compound name: 11Cl-PF30UdS

Coefficient of Determination: R² = 0.999276

Calibration curve: 0.000119203 * x² + 0.519752 * x + 0.0388769

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.38	188.036	16114.741	0.146	0.21	-17.7	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	5.38	348.739	16090.742	0.271	0.45	-10.7	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	5.38	846.501	16724.561	0.633	1.14	14.2	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	5.39	1257.835	15335.802	1.025	1.90	-5.2	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	5.38	3793.297	15996.133	2.964	5.62	12.4	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	5.38	6937.771	15975.679	5.428	10.34	3.4	NO	0.999	NO	bb
7	7	210325M1_10	Standard	50.000	5.38	33632.227	15496.586	27.129	51.51	3.0	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	5.38	62411.535	14165.173	55.075	103.44	3.4	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	5.38	160909.078	15231.096	132.056	240.71	-3.7	NO	0.999	NO	bb
10	10	210325M1_13	Standard	500.000	5.38	300307.875	12858.298	291.940	503.48	0.7	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: 10:2 FTS

Correlation coefficient: r = 0.998527, r^2 = 0.997057

Calibration curve: 2.83317 * x + 0.151377

Response type: Internal Std (Ref 70), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.44	64.317	1162.371	0.692	0.19	-23.7	NO	0.997	NO	bb
2	2	210325M1_5	Standard	0.500	5.44	162.687	1089.215	1.867	0.61	21.1	NO	0.997	NO	bb
3	3	210325M1_6	Standard	1.000	5.44	285.053	1188.531	2.998	1.00	0.5	NO	0.997	NO	bb
4	4	210325M1_7	Standard	2.000	5.44	565.651	1067.829	6.622	2.28	14.2	NO	0.997	NO	bb
5	5	210325M1_8	Standard	5.000	5.44	1346.962	1025.361	16.421	5.74	14.8	NO	0.997	NO	bb
6	6	210325M1_9	Standard	10.000	5.44	2621.601	1153.627	28.406	9.97	-0.3	NO	0.997	NO	bb
7	7	210325M1_10	Standard	50.000	5.44	11773.653	1041.244	141.341	49.83	-0.3	NO	0.997	NO	bb
8	8	210325M1_11	Standard	100.000	5.44	20559.336	914.302	281.080	99.16	-0.8	NO	0.997	NO	bb
9	9	210325M1_12	Standard	250.000	5.44	48146.297	924.764	650.792	229.65	-8.1	NO	0.997	NO	bb
10	10	210325M1_13	Standard	500.000	5.44	83410.125	707.213	1474.275	520.31	4.1	NO	0.997	NO	MM

Compound name: PFDoA

Coefficient of Determination: R^2 = 0.998952

Calibration curve: 9.08254e-005 * x^2 + 0.898614 * x + 0.0776736

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.46	344.289	16114.741	0.267	0.21	-15.7	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	5.46	693.507	16090.742	0.539	0.51	2.6	NO	0.999	NO	MM
3	3	210325M1_6	Standard	1.000	5.46	1447.952	16724.561	1.082	1.12	11.8	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	5.46	2590.562	15335.802	2.112	2.26	13.1	NO	0.999	NO	MM
5	5	210325M1_8	Standard	5.000	5.45	6502.215	15996.133	5.081	5.56	11.3	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	5.46	12510.604	15975.679	9.789	10.79	7.9	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	5.45	58423.449	15496.586	47.126	52.08	4.2	NO	0.999	NO	MM
8	8	210325M1_11	Standard	100.000	5.45	106038.281	14165.173	93.573	102.97	3.0	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	5.46	267579.563	15231.096	219.600	238.54	-4.6	NO	0.999	NO	bb
10	10	210325M1_13	Standard	500.000	5.46	490405.750	12858.298	476.741	504.70	0.9	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.998997

Calibration curve: 9.77996e-005 * x² + 1.3682 * x + -0.0196389

Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.55	21.733	12672.059	0.256	0.20	-19.5	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	5.54	43.011	12567.160	0.511	0.39	-22.5	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	5.54	117.887	12691.414	1.386	1.03	2.7	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	5.54	282.432	12132.979	3.473	2.55	27.6	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	5.54	576.759	12593.464	6.833	5.01	0.1	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	5.54	1227.869	13142.536	13.939	10.19	1.9	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	5.54	5983.558	12667.999	70.473	51.33	2.7	NO	0.999	NO	bb
8	8	210325M1_11	Standard	100.000	5.54	10896.918	11286.287	144.053	104.52	4.5	NO	0.999	NO	bb
9	9	210325M1_12	Standard	250.000	5.54	29571.420	13244.880	333.114	239.39	-4.2	NO	0.999	NO	bb
10	10	210325M1_13	Standard	500.000	5.54	56961.520	11892.930	714.598	504.14	0.8	NO	0.999	NO	MM

Compound name: PFTrDA

Coefficient of Determination: R² = 0.998391

Calibration curve: 6.93612e-005 * x² + 0.853952 * x + 0.125793

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.70	359.191	16114.741	0.279	0.18	-28.4	NO	0.998	NO	MM
2	2	210325M1_5	Standard	0.500	5.70	670.547	16090.742	0.521	0.46	-7.5	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	5.70	1376.644	16724.561	1.029	1.06	5.7	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	5.70	2397.768	15335.802	1.954	2.14	7.0	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	5.70	6257.405	15996.133	4.890	5.58	11.5	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	5.70	11722.783	15975.679	9.172	10.58	5.8	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	5.70	56352.078	15496.586	45.455	52.86	5.7	NO	0.998	NO	bb
8	8	210325M1_11	Standard	100.000	5.70	102315.297	14165.173	90.288	104.69	4.7	NO	0.998	NO	bb
9	9	210325M1_12	Standard	250.000	5.70	249666.016	15231.096	204.898	235.30	-5.9	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	5.70	462786.906	12858.298	449.891	505.90	1.2	NO	0.998	NO	bb

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Compound name: PFDoS

Coefficient of Determination: R² = 0.998387

Calibration curve: 1.87111e-005 * x² + 0.261761 * x + 0.00112011

Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.73	40.437	10443.485	0.048	0.18	-27.8	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	5.73	101.219	10446.267	0.121	0.46	-8.3	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	5.73	249.443	10788.371	0.289	1.10	10.0	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	5.73	415.373	10018.566	0.518	1.98	-1.2	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	5.73	1246.283	9982.521	1.561	5.96	19.1	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	5.73	2401.105	10756.467	2.790	10.65	6.5	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	5.73	10961.066	10216.368	13.411	51.04	2.1	NO	0.998	NO	bb
8	8	210325M1_11	Standard	100.000	5.73	20132.316	9012.494	27.923	105.87	5.9	NO	0.998	NO	MM
9	9	210325M1_12	Standard	250.000	5.73	51266.215	10202.215	62.813	235.98	-5.6	NO	0.998	NO	bb
10	10	210325M1_13	Standard	500.000	5.73	92955.891	8474.372	137.113	505.54	1.1	NO	0.998	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R² = 0.998576

Calibration curve: 0.00010094 * x² + 1.43557 * x + 0.193296

Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	5.92	384.505	10443.485	0.460	0.19	-25.6	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	5.92	686.225	10446.267	0.821	0.44	-12.5	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	5.92	1502.773	10788.371	1.741	1.08	7.8	NO	0.999	NO	MM
4	4	210325M1_7	Standard	2.000	5.92	2646.851	10018.566	3.302	2.17	8.3	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	5.92	6892.202	9982.521	8.630	5.87	17.5	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	5.92	12555.627	10756.467	14.591	10.02	0.2	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	5.92	60917.043	10216.368	74.534	51.60	3.2	NO	0.999	NO	MM
8	8	210325M1_11	Standard	100.000	5.92	110039.563	9012.494	152.621	105.40	5.4	NO	0.999	NO	MM
9	9	210325M1_12	Standard	250.000	5.92	282214.375	10202.215	345.776	236.79	-5.3	NO	0.999	NO	MM
10	10	210325M1_13	Standard	500.000	5.92	509279.656	8474.372	751.206	505.20	1.0	NO	0.999	NO	MM

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Compound name: N-EtFOSA

Correlation coefficient: r = 0.999035, r^2 = 0.998071

Calibration curve: 1.30903 * x + -0.0176014

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	6.01	28.425	16919.434	0.251	0.20	-18.0	NO	0.998	NO	bb
2	2	210325M1_5	Standard	0.500	6.01	80.086	16511.764	0.724	0.57	13.3	NO	0.998	NO	bb
3	3	210325M1_6	Standard	1.000	6.00	172.879	17136.410	1.505	1.16	16.3	NO	0.998	NO	bb
4	4	210325M1_7	Standard	2.000	6.01	274.821	16201.339	2.531	1.95	-2.7	NO	0.998	NO	bb
5	5	210325M1_8	Standard	5.000	6.01	714.658	17032.139	6.260	4.80	-4.1	NO	0.998	NO	bb
6	6	210325M1_9	Standard	10.000	6.01	1447.055	17354.010	12.441	9.52	-4.8	NO	0.998	NO	bb
7	7	210325M1_10	Standard	50.000	6.01	7370.241	16860.227	65.221	49.84	-0.3	NO	0.998	NO	MM
8	8	210325M1_11	Standard	100.000	6.01	12782.496	14974.675	127.358	97.31	-2.7	NO	0.998	NO	MM
9	9	210325M1_12	Standard	250.000	6.01	35279.449	17123.436	307.397	234.84	-6.1	NO	0.998	NO	MM
10	10	210325M1_13	Standard	500.000	6.01	67955.797	14936.585	678.803	518.57	3.7	NO	0.998	NO	MM

Compound name: PFHxDA

Coefficient of Determination: R^2 = 0.998667

Calibration curve: -6.49445e-005 * x^2 + 0.773081 * x + 0.0858392

Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	6.28	266.630	12552.764	0.266	0.23	-7.0	NO	0.999	NO	MM
2	2	210325M1_5	Standard	0.500	6.28	503.355	11994.393	0.525	0.57	13.5	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	6.28	952.237	12786.277	0.931	1.09	9.3	NO	0.999	NO	MM
4	4	210325M1_7	Standard	2.000	6.29	1752.634	12062.801	1.816	2.24	11.9	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	6.28	4454.990	12242.757	4.549	5.78	15.5	NO	0.999	NO	MM
6	6	210325M1_9	Standard	10.000	6.28	8106.715	13033.118	7.775	9.95	-0.5	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	6.28	37306.316	12196.015	38.236	49.55	-0.9	NO	0.999	NO	MM
8	8	210325M1_11	Standard	100.000	6.28	69620.547	10678.495	81.496	106.25	6.3	NO	0.999	NO	MM
9	9	210325M1_12	Standard	250.000	6.28	180834.969	12516.036	180.603	238.27	-4.7	NO	0.999	NO	MM
10	10	210325M1_13	Standard	500.000	6.28	334605.563	11188.880	373.815	504.84	1.0	NO	0.999	NO	MM

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Compound name: PFODA

Coefficient of Determination: R² = 0.998742

Calibration curve: -0.000105428 * x² + 1.11819 * x + 0.079515

Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	6.53	298.157	12552.764	0.297	0.19	-22.2	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	6.53	599.730	11994.393	0.625	0.49	-2.4	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	6.53	1297.258	12786.277	1.268	1.06	6.3	NO	0.999	NO	MM
4	4	210325M1_7	Standard	2.000	6.53	2380.834	12062.801	2.467	2.14	6.8	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	6.53	6022.053	12242.757	6.149	5.43	8.6	NO	0.999	NO	MM
6	6	210325M1_9	Standard	10.000	6.53	11565.526	13033.118	11.092	9.86	-1.4	NO	0.999	NO	MM
7	7	210325M1_10	Standard	50.000	6.53	55835.742	12196.015	57.227	51.36	2.7	NO	0.999	NO	MM
8	8	210325M1_11	Standard	100.000	6.53	100068.664	10678.495	117.138	105.74	5.7	NO	0.999	NO	MM
9	9	210325M1_12	Standard	250.000	6.53	259665.844	12516.036	259.333	237.15	-5.1	NO	0.999	NO	MM
10	10	210325M1_13	Standard	500.000	6.53	481803.188	11188.880	538.261	505.38	1.1	NO	0.999	NO	MM

Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999113

Calibration curve: 0.000168929 * x² + 0.936643 * x + 0.0572685

Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	6.23	12.528	7970.190	0.235	0.19	-24.3	NO	0.999	NO	bb
2	2	210325M1_5	Standard	0.500	6.23	27.431	7707.298	0.531	0.51	1.1	NO	0.999	NO	bb
3	3	210325M1_6	Standard	1.000	6.23	61.567	8140.136	1.128	1.14	14.3	NO	0.999	NO	bb
4	4	210325M1_7	Standard	2.000	6.23	82.606	7599.551	1.622	1.67	-16.5	NO	0.999	NO	bb
5	5	210325M1_8	Standard	5.000	6.23	300.354	7703.104	5.818	6.14	22.9	NO	0.999	NO	bb
6	6	210325M1_9	Standard	10.000	6.23	509.714	7990.478	9.517	10.08	0.8	NO	0.999	NO	bb
7	7	210325M1_10	Standard	50.000	6.23	2483.525	7826.473	47.345	50.03	0.1	NO	0.999	NO	MM
8	8	210325M1_11	Standard	100.000	6.23	4632.572	6940.819	99.582	104.29	4.3	NO	0.999	NO	MM
9	9	210325M1_12	Standard	250.000	6.23	12925.271	8163.811	236.219	241.61	-3.4	NO	0.999	NO	MM
10	10	210325M1_13	Standard	500.000	6.23	25405.500	7373.935	514.040	503.10	0.6	NO	0.999	NO	MM

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Compound name: N-EtFOSE

Correlation coefficient: r = 0.997590, r^2 = 0.995187

Calibration curve: 1.10715 * x + -0.321706

Response type: Internal Std (Ref 76), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	0.250	6.38	3.439	8372.561	0.061	0.35	38.4	YES	0.995	NO	MMX
2	2	210325M1_5	Standard	0.500	6.38	43.530	8419.785	0.771	0.99	97.5	YES	0.995	NO	bbX
3	3	210325M1_6	Standard	1.000	6.39	31.563	8627.026	0.546	0.78	-21.6	NO	0.995	NO	bb
4	4	210325M1_7	Standard	2.000	6.38	117.326	8009.019	2.186	2.26	13.2	NO	0.995	NO	bb
5	5	210325M1_8	Standard	5.000	6.38	342.406	8226.991	6.210	5.90	18.0	NO	0.995	NO	bb
6	6	210325M1_9	Standard	10.000	6.38	632.163	8909.708	10.586	9.85	-1.5	NO	0.995	NO	MM
7	7	210325M1_10	Standard	50.000	6.38	3120.902	8508.518	54.726	49.72	-0.6	NO	0.995	NO	MM
8	8	210325M1_11	Standard	100.000	6.38	5523.243	7706.790	106.928	96.87	-3.1	NO	0.995	NO	bb
9	9	210325M1_12	Standard	250.000	6.38	14846.793	8891.145	249.140	225.32	-9.9	NO	0.995	NO	MM
10	10	210325M1_13	Standard	500.000	6.38	30760.666	7865.892	583.467	527.29	5.5	NO	0.995	NO	MM

Compound name: 13C3-PFBA-EIS

Response Factor: 265.512

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	1.17	3521.897		3521.897	13.26	6.1	NO		NO	MMX
2	2	210325M1_5	Standard	12.500	1.17	3309.718		3309.718	12.47	-0.3	NO		NO	MMX
3	3	210325M1_6	Standard	12.500	1.17	3460.538		3460.538	13.03	4.3	NO		NO	MMX
4	4	210325M1_7	Standard	12.500	1.17	3119.346		3119.346	11.75	-6.0	NO		NO	MMX
5	5	210325M1_8	Standard	12.500	1.16	3153.120		3153.120	11.88	-5.0	NO		NO	MMX
6	6	210325M1_9	Standard	12.500	1.17	3318.903		3318.903	12.50	0.0	NO		NO	MM
7	7	210325M1_10	Standard	12.500	1.17	3248.724		3248.724	12.24	-2.1	NO		NO	MMX
8	8	210325M1_11	Standard	12.500	1.17	2823.362		2823.362	10.63	-14.9	NO		NO	MMX
9	9	210325M1_12	Standard	12.500	1.17	3443.183		3443.183	12.97	3.7	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	1.17	2942.340		2942.340	11.08	-11.3	NO		NO	MMX

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Compound name: 13C3-PFPeA-EIS

Response Factor: 388.348

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	2.11	4791.640		4791.640	12.34	-1.3	NO		NO	MMX
2	2	210325M1_5	Standard	12.500	2.11	4708.048		4708.048	12.12	-3.0	NO		NO	MMX
3	3	210325M1_6	Standard	12.500	2.11	4906.177		4906.177	12.63	1.1	NO		NO	MMX
4	4	210325M1_7	Standard	12.500	2.11	4459.360		4459.360	11.48	-8.1	NO		NO	MMX
5	5	210325M1_8	Standard	12.500	2.11	4569.626		4569.626	11.77	-5.9	NO		NO	MMX
6	6	210325M1_9	Standard	12.500	2.11	4854.349		4854.349	12.50	0.0	NO		NO	MM
7	7	210325M1_10	Standard	12.500	2.11	4485.527		4485.527	11.55	-7.6	NO		NO	MMX
8	8	210325M1_11	Standard	12.500	2.11	4102.750		4102.750	10.56	-15.5	NO		NO	MMX
9	9	210325M1_12	Standard	12.500	2.11	4575.475		4575.475	11.78	-5.7	NO		NO	MMX
10	10	210325M1_13	Standard	12.500	2.11	3828.363		3828.363	9.86	-21.1	NO		NO	MMX

Compound name: 13C3-PFBS-EIS

Response Factor: 100.808

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	2.39	1238.208		1238.208	12.28	-1.7	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	2.39	1166.528		1166.528	11.57	-7.4	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	2.39	1295.769		1295.769	12.85	2.8	NO		NO	MMX
4	4	210325M1_7	Standard	12.500	2.39	1170.940		1170.940	11.62	-7.1	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	2.39	1203.622		1203.622	11.94	-4.5	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	2.40	1260.097		1260.097	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	2.39	1224.682		1224.682	12.15	-2.8	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	2.39	1073.118		1073.118	10.65	-14.8	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	2.39	1084.070		1084.070	10.75	-14.0	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	2.39	930.739		930.739	9.23	-26.1	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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Compound name: 13C3-HFPO-DA-EIS

Response Factor: 24.8571

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	3.13	369.611		369.611	14.87	19.0	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	3.13	344.331		344.331	13.85	10.8	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	3.13	325.777		325.777	13.11	4.8	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	3.13	267.263		267.263	10.75	-14.0	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	3.12	324.199		324.199	13.04	4.3	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	3.13	310.714		310.714	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	3.13	305.675		305.675	12.30	-1.6	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	3.12	262.394		262.394	10.56	-15.6	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	3.13	286.249		286.249	11.52	-7.9	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	3.13	231.669		231.669	9.32	-25.4	NO		NO	bbX

Compound name: 13C2-4:2 FTS-EIS

Response Factor: 96.5324

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	2.82	1201.617		1201.617	12.45	-0.4	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	2.82	1200.745		1200.745	12.44	-0.5	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	2.82	1127.050		1127.050	11.68	-6.6	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	2.82	1085.903		1085.903	11.25	-10.0	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	2.82	1146.022		1146.022	11.87	-5.0	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	2.82	1206.655		1206.655	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	2.82	1045.743		1045.743	10.83	-13.3	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	2.82	902.062		902.062	9.34	-25.2	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	2.82	988.208		988.208	10.24	-18.1	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	2.82	849.923		849.923	8.80	-29.6	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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Compound name: 13C2-PFHxA-EIS

Response Factor: 622.011

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	210325M1_4	Standard	12.500	2.91	8139.569		8139.569	13.09	4.7	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	2.91	7865.861		7865.861	12.65	1.2	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	2.91	8094.337		8094.337	13.01	4.1	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	2.91	7511.391		7511.391	12.08	-3.4	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	2.91	7451.372		7451.372	11.98	-4.2	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	2.91	7775.142		7775.142	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	2.91	7418.365		7418.365	11.93	-4.6	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	2.91	6787.264		6787.264	10.91	-12.7	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	2.91	7048.884		7048.884	11.33	-9.3	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	2.91	6477.586		6477.586	10.41	-16.7	NO		NO	bbX

Compound name: 13C4-PFHxA-EIS

Response Factor: 380.184

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	210325M1_4	Standard	12.500	3.52	4632.836		4632.836	12.19	-2.5	NO		NO	MMX
2	2	210325M1_5	Standard	12.500	3.52	4451.725		4451.725	11.71	-6.3	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	3.52	4572.400		4572.400	12.03	-3.8	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	3.52	4200.437		4200.437	11.05	-11.6	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	3.52	4481.757		4481.757	11.79	-5.7	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	3.52	4752.306		4752.306	12.50	0.0	NO		NO	MM
7	7	210325M1_10	Standard	12.500	3.52	4313.655		4313.655	11.35	-9.2	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	3.52	3924.710		3924.710	10.32	-17.4	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	3.52	4317.983		4317.983	11.36	-9.1	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	3.52	3505.549		3505.549	9.22	-26.2	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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Compound name: 13C3-PFHxS-EIS

Response Factor: 187.592

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	3.67	2270.656		2270.656	12.10	-3.2	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	3.66	2333.299		2333.299	12.44	-0.5	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	3.67	2353.537		2353.537	12.55	0.4	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	3.67	2115.948		2115.948	11.28	-9.8	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	3.67	2183.077		2183.077	11.64	-6.9	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	3.67	2344.895		2344.895	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	3.67	2202.584		2202.584	11.74	-6.1	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	3.67	1989.277		1989.277	10.60	-15.2	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	3.67	2099.990		2099.990	11.19	-10.4	NO		NO	bdX
10	10	210325M1_13	Standard	12.500	3.67	1804.452		1804.452	9.62	-23.0	NO		NO	MMX

Compound name: 13C2-6:2 FTS-EIS

Response Factor: 95.7478

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	3.97	1212.295		1212.295	12.66	1.3	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	3.96	1233.085		1233.085	12.88	3.0	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	3.96	1202.028		1202.028	12.55	0.4	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	3.97	1175.322		1175.322	12.28	-1.8	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	3.96	1222.270		1222.270	12.77	2.1	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	3.97	1196.848		1196.848	12.50	0.0	NO		NO	MM
7	7	210325M1_10	Standard	12.500	3.96	1168.920		1168.920	12.21	-2.3	NO		NO	MMX
8	8	210325M1_11	Standard	12.500	3.97	950.837		950.837	9.93	-20.6	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	3.97	976.978		976.978	10.20	-18.4	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	3.97	894.423		894.423	9.34	-25.3	NO		NO	MMX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: 13C5-PFNA-EIS

Response Factor: 788.455

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	4.47	9828.792		9828.792	12.47	-0.3	NO		NO	MMX
2	2	210325M1_5	Standard	12.500	4.47	9909.326		9909.326	12.57	0.5	NO		NO	MMX
3	3	210325M1_6	Standard	12.500	4.47	10067.401		10067.401	12.77	2.1	NO		NO	MMX
4	4	210325M1_7	Standard	12.500	4.47	9276.239		9276.239	11.77	-5.9	NO		NO	MMX
5	5	210325M1_8	Standard	12.500	4.47	9394.943		9394.943	11.92	-4.7	NO		NO	MMX
6	6	210325M1_9	Standard	12.500	4.46	9855.683		9855.683	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	4.47	9449.124		9449.124	11.98	-4.1	NO		NO	MMX
8	8	210325M1_11	Standard	12.500	4.47	8755.970		8755.970	11.11	-11.2	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	4.47	9123.569		9123.569	11.57	-7.4	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	4.47	7326.426		7326.426	9.29	-25.7	NO		NO	bbX

Compound name: 13C8-PFOSA-EIS

Response Factor: 263.334

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	4.51	3227.030		3227.030	12.25	-2.0	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	4.51	3165.535		3165.535	12.02	-3.8	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	4.51	3189.511		3189.511	12.11	-3.1	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	4.51	3038.204		3038.204	11.54	-7.7	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	4.51	3221.649		3221.649	12.23	-2.1	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	4.51	3291.679		3291.679	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	4.51	3084.245		3084.245	11.71	-6.3	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	4.51	2960.180		2960.180	11.24	-10.1	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	4.51	3064.154		3064.154	11.64	-6.9	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	4.51	2850.734		2850.734	10.83	-13.4	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: 13C2-PFOA-EIS

Response Factor: 775.038

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	4.02	9207.292		9207.292	11.88	-5.0	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	4.02	9059.813		9059.813	11.69	-6.5	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	4.02	9417.344		9417.344	12.15	-2.8	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	4.02	8791.260		8791.260	11.34	-9.3	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	4.02	8901.837		8901.837	11.49	-8.1	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	4.02	9687.973		9687.973	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	4.02	8952.336		8952.336	11.55	-7.6	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	4.02	7809.914		7809.914	10.08	-19.4	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	4.02	8549.521		8549.521	11.03	-11.8	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	4.02	6909.772		6909.772	8.92	-28.7	NO		NO	bbX

Compound name: 13C8-PFOS-EIS

Response Factor: 214.55

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	4.55	2416.982		2416.982	11.27	-9.9	NO		NO	MMX
2	2	210325M1_5	Standard	12.500	4.55	2561.400		2561.400	11.94	-4.5	NO		NO	MMX
3	3	210325M1_6	Standard	12.500	4.55	2624.963		2624.963	12.23	-2.1	NO		NO	MMX
4	4	210325M1_7	Standard	12.500	4.55	2363.281		2363.281	11.02	-11.9	NO		NO	MMX
5	5	210325M1_8	Standard	12.500	4.55	2587.007		2587.007	12.06	-3.5	NO		NO	MMX
6	6	210325M1_9	Standard	12.500	4.55	2681.875		2681.875	12.50	0.0	NO		NO	MM
7	7	210325M1_10	Standard	12.500	4.55	2522.456		2522.456	11.76	-5.9	NO		NO	MMX
8	8	210325M1_11	Standard	12.500	4.55	2167.438		2167.438	10.10	-19.2	NO		NO	MMX
9	9	210325M1_12	Standard	12.500	4.55	2468.753		2468.753	11.51	-7.9	NO		NO	MMX
10	10	210325M1_13	Standard	12.500	4.55	1982.999		1982.999	9.24	-26.1	NO		NO	MMX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: 13C2-PFDA-EIS

Response Factor: 768.98

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	4.85	9098.053		9098.053	11.83	-5.3	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	4.84	9196.477		9196.477	11.96	-4.3	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	4.84	9499.894		9499.894	12.35	-1.2	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	4.84	8677.178		8677.178	11.28	-9.7	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	4.84	9004.031		9004.031	11.71	-6.3	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	4.84	9612.254		9612.254	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	4.84	9131.069		9131.069	11.87	-5.0	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	4.84	8015.428		8015.428	10.42	-16.6	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	4.84	8770.733		8770.733	11.41	-8.8	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	4.84	7524.946		7524.946	9.79	-21.7	NO		NO	bbX

Compound name: 13C2-8:2 FTS-EIS

Response Factor: 117.592

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	4.81	1438.622		1438.622	12.23	-2.1	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	4.81	1409.843		1409.843	11.99	-4.1	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	4.81	1403.503		1403.503	11.94	-4.5	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	4.81	1401.220		1401.220	11.92	-4.7	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	4.81	1429.074		1429.074	12.15	-2.8	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	4.81	1469.904		1469.904	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	4.81	1353.651		1353.651	11.51	-7.9	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	4.81	1207.717		1207.717	10.27	-17.8	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	4.81	1336.782		1336.782	11.37	-9.1	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	4.81	1146.920		1146.920	9.75	-22.0	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: d3-N-MeFOSAA-EIS

Response Factor: 556.607

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	4.99	6782.519		6782.519	12.19	-2.5	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	4.99	6927.911		6927.911	12.45	-0.4	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	4.99	7130.014		7130.014	12.81	2.5	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	4.99	6604.328		6604.328	11.87	-5.1	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	4.99	6873.833		6873.833	12.35	-1.2	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	4.99	6957.584		6957.584	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	4.99	6857.292		6857.292	12.32	-1.4	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	4.99	5878.200		5878.200	10.56	-15.5	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	4.99	6830.686		6830.686	12.27	-1.8	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	4.99	5880.564		5880.564	10.57	-15.5	NO		NO	bbX

Compound name: 13C2-PFUdA-EIS

Response Factor: 1124.91

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	5.17	13194.525		13194.525	11.73	-6.2	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	5.17	13333.280		13333.280	11.85	-5.2	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	5.17	13954.022		13954.022	12.40	-0.8	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	5.17	12497.201		12497.201	11.11	-11.1	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	5.17	13349.737		13349.737	11.87	-5.1	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	5.17	14061.426		14061.426	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	5.17	12579.566		12579.566	11.18	-10.5	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	5.17	11708.248		11708.248	10.41	-16.7	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	5.17	12508.999		12508.999	11.12	-11.0	NO		NO	MMX
10	10	210325M1_13	Standard	12.500	5.17	10662.140		10662.140	9.48	-24.2	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: d5-N-EtFOSAA-EIS

Response Factor: 519.234

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	5.15	6342.830		6342.830	12.22	-2.3	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	5.15	6069.999		6069.999	11.69	-6.5	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	5.15	6414.290		6414.290	12.35	-1.2	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	5.15	5957.577		5957.577	11.47	-8.2	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	5.15	6258.607		6258.607	12.05	-3.6	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	5.15	6490.419		6490.419	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	5.15	5943.937		5943.937	11.45	-8.4	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	5.15	5386.152		5386.152	10.37	-17.0	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	5.15	5765.443		5765.443	11.10	-11.2	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	5.15	4521.387		4521.387	8.71	-30.3	NO		NO	bbX

Compound name: 13C2-PFDoA-EIS

Response Factor: 1278.05

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	5.46	16114.741		16114.741	12.61	0.9	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	5.45	16090.742		16090.742	12.59	0.7	NO		NO	MMX
3	3	210325M1_6	Standard	12.500	5.46	16724.561		16724.561	13.09	4.7	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	5.46	15335.802		15335.802	12.00	-4.0	NO		NO	MMX
5	5	210325M1_8	Standard	12.500	5.45	15996.133		15996.133	12.52	0.1	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	5.46	15975.679		15975.679	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	5.45	15496.586		15496.586	12.13	-3.0	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	5.45	14165.173		14165.173	11.08	-11.3	NO		NO	MMX
9	9	210325M1_12	Standard	12.500	5.46	15231.096		15231.096	11.92	-4.7	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	5.45	12858.298		12858.298	10.06	-19.5	NO		NO	MMX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: 13C2-10:2 FTS-EIS

Response Factor: 92.2902

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	5.44	1162.371		1162.371	12.59	0.8	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	5.44	1089.215		1089.215	11.80	-5.6	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	5.44	1188.531		1188.531	12.88	3.0	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	5.44	1067.829		1067.829	11.57	-7.4	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	5.44	1025.361		1025.361	11.11	-11.1	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	5.44	1153.627		1153.627	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	5.44	1041.244		1041.244	11.28	-9.7	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	5.43	914.302		914.302	9.91	-20.7	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	5.43	924.764		924.764	10.02	-19.8	NO		NO	MMX
10	10	210325M1_13	Standard	12.500	5.43	707.213		707.213	7.66	-38.7	NO		NO	MMX

Compound name: d3-N-MeFOSA-EIS

Response Factor: 88.0867

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	149.200	5.58	12672.059		12672.059	143.86	-3.6	NO		NO	bbX
2	2	210325M1_5	Standard	149.200	5.57	12567.160		12567.160	142.67	-4.4	NO		NO	bbX
3	3	210325M1_6	Standard	149.200	5.58	12691.414		12691.414	144.08	-3.4	NO		NO	bbX
4	4	210325M1_7	Standard	149.200	5.58	12132.979		12132.979	137.74	-7.7	NO		NO	bbX
5	5	210325M1_8	Standard	149.200	5.57	12593.464		12593.464	142.97	-4.2	NO		NO	MMX
6	6	210325M1_9	Standard	149.200	5.57	13142.536		13142.536	149.20	0.0	NO		NO	MM
7	7	210325M1_10	Standard	149.200	5.57	12667.999		12667.999	143.81	-3.6	NO		NO	MMX
8	8	210325M1_11	Standard	149.200	5.57	11286.287		11286.287	128.13	-14.1	NO		NO	bbX
9	9	210325M1_12	Standard	149.200	5.57	13244.880		13244.880	150.36	0.8	NO		NO	bbX
10	10	210325M1_13	Standard	149.200	5.57	11892.930		11892.930	135.01	-9.5	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: 13C2-PFTeDA-EIS

Response Factor: 860.517

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	210325M1_4	Standard	12.500	5.92	10443.485		10443.485	12.14	-2.9	NO		NO	bbX
2	2	210325M1_5	Standard	12.500	5.92	10446.267		10446.267	12.14	-2.9	NO		NO	MMX
3	3	210325M1_6	Standard	12.500	5.92	10788.371		10788.371	12.54	0.3	NO		NO	bbX
4	4	210325M1_7	Standard	12.500	5.92	10018.566		10018.566	11.64	-6.9	NO		NO	bbX
5	5	210325M1_8	Standard	12.500	5.92	9982.521		9982.521	11.60	-7.2	NO		NO	bbX
6	6	210325M1_9	Standard	12.500	5.92	10756.467		10756.467	12.50	0.0	NO		NO	bb
7	7	210325M1_10	Standard	12.500	5.92	10216.368		10216.368	11.87	-5.0	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	5.92	9012.494		9012.494	10.47	-16.2	NO		NO	bbX
9	9	210325M1_12	Standard	12.500	5.92	10202.215		10202.215	11.86	-5.2	NO		NO	bbX
10	10	210325M1_13	Standard	12.500	5.92	8474.372		8474.372	9.85	-21.2	NO		NO	MMX

Compound name: d5-N-ETFOSA-EIS

Response Factor: 116.314

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	210325M1_4	Standard	149.200	6.03	16919.434		16919.434	145.46	-2.5	NO		NO	bbX
2	2	210325M1_5	Standard	149.200	6.03	16511.764		16511.764	141.96	-4.9	NO		NO	bbX
3	3	210325M1_6	Standard	149.200	6.03	17136.410		17136.410	147.33	-1.3	NO		NO	MMX
4	4	210325M1_7	Standard	149.200	6.03	16201.339		16201.339	139.29	-6.6	NO		NO	bbX
5	5	210325M1_8	Standard	149.200	6.03	17032.139		17032.139	146.43	-1.9	NO		NO	bbX
6	6	210325M1_9	Standard	149.200	6.02	17354.010		17354.010	149.20	0.0	NO		NO	bb
7	7	210325M1_10	Standard	149.200	6.02	16860.227		16860.227	144.95	-2.8	NO		NO	bbX
8	8	210325M1_11	Standard	149.200	6.03	14974.675		14974.675	128.74	-13.7	NO		NO	MMX
9	9	210325M1_12	Standard	149.200	6.03	17123.436		17123.436	147.22	-1.3	NO		NO	bbX
10	10	210325M1_13	Standard	149.200	6.03	14936.585		14936.585	128.42	-13.9	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: 13C2-PFHxD-EIS

Response Factor: 1042.65

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	12.500	6.29	12552.764		12552.764	12.04	-3.7	NO		NO	MMX
2	2	210325M1_5	Standard	12.500	6.28	11994.393		11994.393	11.50	-8.0	NO		NO	bbX
3	3	210325M1_6	Standard	12.500	6.28	12786.277		12786.277	12.26	-1.9	NO		NO	MMX
4	4	210325M1_7	Standard	12.500	6.28	12062.801		12062.801	11.57	-7.4	NO		NO	MMX
5	5	210325M1_8	Standard	12.500	6.28	12242.757		12242.757	11.74	-6.1	NO		NO	MMX
6	6	210325M1_9	Standard	12.500	6.28	13033.118		13033.118	12.50	0.0	NO		NO	MM
7	7	210325M1_10	Standard	12.500	6.28	12196.015		12196.015	11.70	-6.4	NO		NO	bbX
8	8	210325M1_11	Standard	12.500	6.28	10678.495		10678.495	10.24	-18.1	NO		NO	MMX
9	9	210325M1_12	Standard	12.500	6.28	12516.036		12516.036	12.00	-4.0	NO		NO	MMX
10	10	210325M1_13	Standard	12.500	6.28	11188.880		11188.880	10.73	-14.2	NO		NO	MMX

Compound name: d7-N-MeFOSE-EIS

Response Factor: 53.5555

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1	210325M1_4	Standard	149.200	6.22	7970.190		7970.190	148.82	-0.3	NO		NO	MMX
2	2	210325M1_5	Standard	149.200	6.22	7707.298		7707.298	143.91	-3.5	NO		NO	MMX
3	3	210325M1_6	Standard	149.200	6.22	8140.136		8140.136	151.99	1.9	NO		NO	MMX
4	4	210325M1_7	Standard	149.200	6.22	7599.551		7599.551	141.90	-4.9	NO		NO	MMX
5	5	210325M1_8	Standard	149.200	6.22	7703.104		7703.104	143.83	-3.6	NO		NO	MMX
6	6	210325M1_9	Standard	149.200	6.22	7990.478		7990.478	149.20	0.0	NO		NO	MM
7	7	210325M1_10	Standard	149.200	6.22	7826.473		7826.473	146.14	-2.1	NO		NO	MMX
8	8	210325M1_11	Standard	149.200	6.22	6940.819		6940.819	129.60	-13.1	NO		NO	bbX
9	9	210325M1_12	Standard	149.200	6.22	8163.811		8163.811	152.44	2.2	NO		NO	MMX
10	10	210325M1_13	Standard	149.200	6.22	7373.935		7373.935	137.69	-7.7	NO		NO	MMX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Compound name: d9-N-EtFOSE-EIS

Response Factor: 59.7165

RRF SD: 0, Relative SD: 0

Response type: External Std, Area

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 210325M1_4	Standard	149.200	6.37	8372.561		8372.561	140.21	-6.0	NO		NO	MMX
2	2 210325M1_5	Standard	149.200	6.37	8419.785		8419.785	141.00	-5.5	NO		NO	MMX
3	3 210325M1_6	Standard	149.200	6.37	8627.026		8627.026	144.47	-3.2	NO		NO	MMX
4	4 210325M1_7	Standard	149.200	6.37	8009.019		8009.019	134.12	-10.1	NO		NO	MMX
5	5 210325M1_8	Standard	149.200	6.37	8226.991		8226.991	137.77	-7.7	NO		NO	MMX
6	6 210325M1_9	Standard	149.200	6.37	8909.708		8909.708	149.20	0.0	NO		NO	MM
7	7 210325M1_10	Standard	149.200	6.37	8508.518		8508.518	142.48	-4.5	NO		NO	MMX
8	8 210325M1_11	Standard	149.200	6.37	7706.790		7706.790	129.06	-13.5	NO		NO	MMX
9	9 210325M1_12	Standard	149.200	6.37	8891.145		8891.145	148.89	-0.2	NO		NO	MMX
10	10 210325M1_13	Standard	149.200	6.37	7865.892		7865.892	131.72	-11.7	NO		NO	MMX

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_9, **Date:** 25-Mar-2021, **Time:** 14:09:08, **ID:** ST210325M1-6 PFC CS3 21C0806, **Description:** PFC CS3 21C0806

	# Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	51	0.9979	NO	
2	2 PFPrS	53	0.9999	NO	
3	3 PFMPA	56	0.9998	NO	
4	4 3:3 FTCA	52	0.9988	NO	
5	5 PFPeA	52	0.9989	NO	
6	6 PFMBA	52	0.9999	NO	
7	7 PFBS	53	0.9998	NO	
8	8 PFEESA	53	0.9992	NO	
9	9 NFDHA	56	0.9999	NO	
10	10 4:2 FTS	55	0.9987	NO	
11	11 PFHxA	56	0.9999	NO	
12	12 PFPeS	53	0.9997	NO	
13	13 HFPO-DA	54	0.9950	NO	
14	14 5:3 FTCA	57	0.9997	NO	
15	15 PFHpA	57	0.9972	NO	
16	16 ADONA	57	0.9984	NO	
17	17 L-PFHxS	58	0.9994	NO	
18	19 6:2 FTS	59	0.9997	NO	
19	20 L-PFOA	62	0.9982	NO	
20	22 PFecHS	62	0.9989	NO	
21	23 PFHpS	63	0.9977	NO	
22	24 7:3 FTCA	60	0.9994	NO	
23	25 PFNA	60	0.9988	NO	
24	26 PFOSA	61	0.9997	NO	
25	27 L-PFOS	63	0.9983	NO	
26	29 9CI-PF30NS	63	0.9983	NO	
27	30 PFDA	64	0.9992	NO	
28	31 8:2 FTS	65	0.9984	NO	
29	32 PFNS	63	0.9976	NO	
30	33 L-MeFOSAA	66	0.9982	NO	

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:26:50 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_9, **Date:** 25-Mar-2021, **Time:** 14:09:08, **ID:** ST210325M1-6 PFC CS3 21C0806, **Description:** PFC CS3 21C0806

	# Name	IS#	CoD	CoD Flag	%RSD
1	35 L-EtFOSAA	68	0.9997	NO	
2	37 PFUdA	67	0.9987	NO	
3	38 PFDS	63	0.9985	NO	
4	39 11Cl-PF30UdS	69	0.9993	NO	
5	40 10:2 FTS	70	0.9971	NO	
6	41 PFDoA	69	0.9990	NO	
7	42 N-MeFOSA	71	0.9990	NO	
8	43 PFTrDA	69	0.9984	NO	
9	44 PFDoS	72	0.9984	NO	
10	45 PFTeDA	72	0.9986	NO	
11	46 N-EtFOSA	73	0.9981	NO	
12	47 PFHxDA	74	0.9987	NO	
13	48 PFODA	74	0.9987	NO	
14	49 N-MeFOSE	75	0.9991	NO	
15	50 N-EtFOSE	76	0.9952	NO	
16	51 13C3-PFBA-EIS		NO	0.000	
17	52 13C3-PFPeA-EIS		NO	0.000	
18	53 13C3-PFBS-EIS		NO	0.000	
19	54 13C3-HFPO-DA-EIS		NO	0.000	
20	55 13C2-4:2 FTS-EIS		NO	0.000	
21	56 13C2-PFHxA-EIS		NO	0.000	
22	57 13C4-PFHpA-EIS		NO	0.000	
23	58 13C3-PFHxS-EIS		NO	0.000	
24	59 13C2-6:2 FTS-EIS		NO	0.000	
25	60 13C5-PFNA-EIS		NO	0.000	
26	61 13C8-PFOSA-EIS		NO	0.000	
27	62 13C2-PFOA-EIS		NO	0.000	
28	63 13C8-PFOS-EIS		NO	0.000	
29	64 13C2-PFDA-EIS		NO	0.000	
30	65 13C2-8:2 FTS-EIS		NO	0.000	
31	66 d3-N-MeFOSAA-EIS		NO	0.000	
32	67 13C2-PFUdA-EIS		NO	0.000	

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:26:50 Pacific Daylight Time

Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

	# Name	IS#	CoD	CoD Flag	%RSD
33	68 d5-N-EtFOSAA-EIS			NO	0.000
34	69 13C2-PFD _o A-EIS			NO	0.000
35	70 13C2-10:2 FTS-EIS			NO	0.000
36	71 d3-N-MeFOSA-EIS			NO	0.000
37	72 13C2-PFTeDA-EIS			NO	0.000
38	73 d5-N-ETFOSA-EIS			NO	0.000
39	74 13C2-PFHxD _o A-EIS			NO	0.000
40	75 d7-N-MeFOSE-EIS			NO	0.000
41	76 d9-N-EtFOSE-EIS			NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:16:44 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:18:11 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41

Calibration: 26 Mar 2021 08:16:44

Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

	# Name	IS#	CoD	CoD Flag	%RSD
1	51 13C3-PFBA-EIS			NO	7.024
2	52 13C3-PFPeA-EIS			NO	7.479
3	53 13C3-PFBS-EIS			NO	9.338
4	54 13C3-HFPO-DA-EIS			NO	13.695
5	55 13C2-4:2 FTS-EIS			NO	11.844
6	56 13C2-PFHxA-EIS			NO	7.371
7	57 13C4-PFHxA-EIS			NO	8.552
8	58 13C3-PFHxS-EIS			NO	8.077
9	59 13C2-6:2 FTS-EIS			NO	11.481
10	60 13C5-PFNA-EIS			NO	8.635
11	61 13C8-PFOSA-EIS			NO	4.370
12	62 13C2-PFOA-EIS			NO	9.356
13	63 13C8-PFOS-EIS			NO	8.927
14	64 13C2-PFDA-EIS			NO	7.317
15	65 13C2-8:2 FTS-EIS			NO	7.685
16	66 d3-N-MeFOSAA-EIS			NO	6.572
17	67 13C2-PFUdA-EIS			NO	8.099
18	68 d5-N-EtFOSAA-EIS			NO	10.005
19	69 13C2-PFDaA-EIS			NO	7.327
20	70 13C2-10:2 FTS-EIS			NO	14.201
21	71 d3-N-MeFOSA-EIS			NO	4.662
22	72 13C2-PFTeDA-EIS			NO	7.405
23	73 d5-N-ETFOSA-EIS			NO	5.333
24	74 13C2-PFHxDA-EIS			NO	5.900
25	75 d7-N-MeFOSE-EIS			NO	4.829
26	76 d9-N-EtFOSE-EIS			NO	4.875

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:39:12 Pacific Daylight Time

OPV 3/26/2021

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_9, **Date:** 25-Mar-2021, **Time:** 14:09:08, **ID:** ST210325M1-6 PFC CS3 21C0806, **Description:** PFC CS3 21C0806

#	Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	1 PFBA	1.17	1.17			
2	2 PFPrS	1.49	1.51	2.397	2.397	NO
3	3 PFMPA	1.52	1.54			
4	4 3:3 FTCA	1.98	1.97	2.503	2.503	NO
5	5 PFPeA	2.11	2.11			
6	6 PFMBA	2.41	2.40	13.623	13.623	NO
7	7 PFBS	2.40	2.39	2.760	2.760	NO
8	8 PFEESA	2.72	2.73	3.712	3.712	NO
9	9 NFDHA	2.82	2.81	12.923	12.923	NO
10	10 4:2 FTS	2.82	2.82	1.995	1.995	NO
11	11 PFHxA	2.91	2.91	16.992	16.992	NO
12	12 PFPeS	3.14	3.12	1.890	1.890	NO
13	13 HFPO-DA	3.13	3.13	2.232	2.232	NO
14	14 5:3 FTCA	3.47	3.47	1.516	1.516	NO
15	15 PFHpA	3.52	3.52	10.898	10.898	NO
16	16 ADONA	3.61	3.63	3.397	3.397	NO
17	17 L-PFHxS	3.67	3.66	1.647	1.647	NO
18	19 6:2 FTS	3.97	3.97	2.199	2.199	NO
19	20 L-PFOA	4.02	4.02	4.074	4.074	NO
20	22 PFecHS	4.04	4.04	1.004	1.004	NO
21	23 PFHpS	4.16	4.14	1.892	1.892	NO
22	24 7:3 FTCA	4.45	4.44	1.459	1.459	NO
23	25 PFNA	4.46	4.47	4.182	4.182	NO
24	26 PFOSA	4.51	4.51	31.295	31.295	NO
25	27 L-PFOS	4.55	4.55	1.948	1.948	NO
26	29 9Cl-PF30NS	4.77	4.77	25.380	25.380	NO
27	30 PFDA	4.84	4.84	5.376	5.376	NO
28	31 8:2 FTS	4.81	4.81	2.143	2.143	NO
29	32 PFNS	4.90	4.91	1.080	1.080	NO
30	33 L-MeFOSAA	4.99	4.99	2.694	2.694	NO

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:38:31 Pacific Daylight Time

OPV 3/26/2021

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_9, **Date:** 25-Mar-2021, **Time:** 14:09:08, **ID:** ST210325M1-6 PFC CS3 21C0806, **Description:** PFC CS3 21C0806

	# Name	Pred.RT	RT	Pred. Ratio	Ion Ratio	Ratio Out?
1	35 L-EtFOSAA	5.15	5.16	1.381	1.381	NO
2	37 PFUdA	5.17	5.17	8.944	8.944	NO
3	38 PFDS	5.21	5.22	1.772	1.772	NO
4	39 11CI-PF30UdS	5.39	5.38	22.487	22.487	NO
5	40 10:2 FTS	5.44	5.44	1.730	1.730	NO
6	41 PFDoA	5.46	5.46	8.714	8.714	NO
7	42 N-MeFOSA	5.55	5.54	1.274	1.274	NO
8	43 PFTrDA	5.71	5.70	9.589	9.589	NO
9	44 PFDoS	5.73	5.73	1.924	1.924	NO
10	45 PFTeDA	5.92	5.92	12.027	12.027	NO
11	46 N-EtFOSA	6.00	6.01	1.355	1.355	NO
12	47 PFHxDA	6.28	6.28	32.011	32.011	NO
13	48 PFODA	6.52	6.53			
14	49 N-MeFOSE	6.22	6.23			
15	50 N-EtFOSE	6.37	6.38			

Dataset: Untitled

Last Altered: Friday, March 26, 2021 08:36:10 Pacific Daylight Time

OPV 3/26/2021

Printed: Friday, March 26, 2021 08:36:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Compound name:** PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 210325M1_1	IPA	25-Mar-21	12:45:54
2	2 210325M1_2	IPA	25-Mar-21	12:56:16
3	3 210325M1_3	IPA	25-Mar-21	13:06:38
4	4 210325M1_4	ST210325M1-1 PFC CS-2 21C0801	25-Mar-21	13:17:00
5	5 210325M1_5	ST210325M1-2 PFC CS-1 21C0802	25-Mar-21	13:27:41
6	6 210325M1_6	ST210325M1-3 PFC CS0 21C0803	25-Mar-21	13:38:01
7	7 210325M1_7	ST210325M1-4 PFC CS1 21C0804	25-Mar-21	13:48:23
8	8 210325M1_8	ST210325M1-5 PFC CS2 21C0805	25-Mar-21	13:58:45
9	9 210325M1_9	ST210325M1-6 PFC CS3 21C0806	25-Mar-21	14:09:08
10	10 210325M1_10	ST210325M1-7 PFC CS4 21C0807	25-Mar-21	14:19:29
11	11 210325M1_11	ST210325M1-8 PFC CS5 21C0808	25-Mar-21	14:29:52
12	12 210325M1_12	ST210325M1-9 PFC CS6 21C0809	25-Mar-21	14:40:14
13	13 210325M1_13	ST210325M1-10 PFC CS7 21C0810	25-Mar-21	14:50:36
14	14 210325M1_14	IB	25-Mar-21	15:00:58
15	15 210325M1_15	ICV210325M1-1 PFC ICV 2C0811	25-Mar-21	15:11:20
16	16 210325M1_16	IB	25-Mar-21	15:21:43

Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58

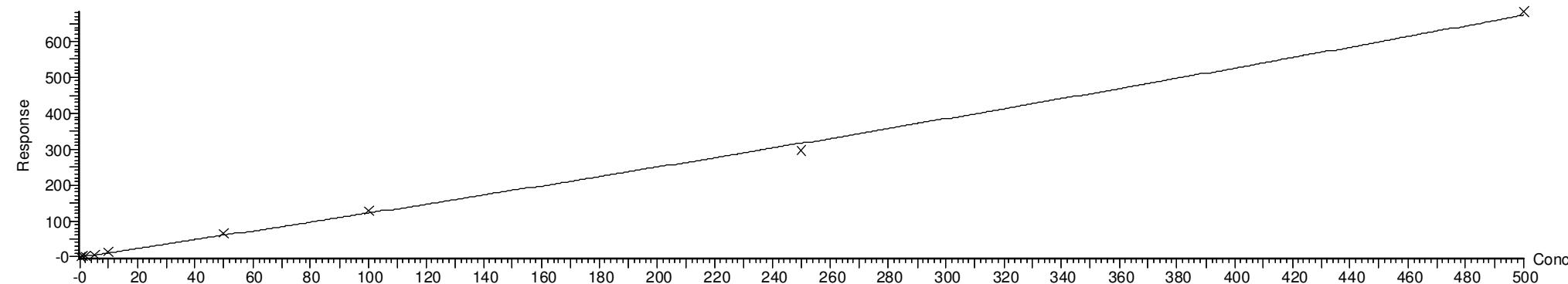
Compound name: PFBA

Coefficient of Determination: $R^2 = 0.997926$

Calibration curve: $0.000323638 * x^2 + 1.18542 * x + 0.125624$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



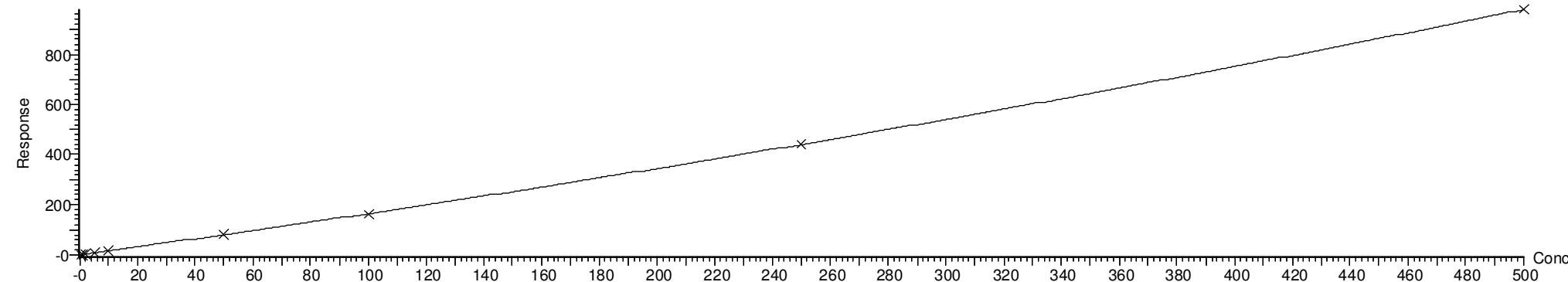
Compound name: PFPrS

Coefficient of Determination: $R^2 = 0.999893$

Calibration curve: $0.000786282 * x^2 + 1.56532 * x + 0.100919$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

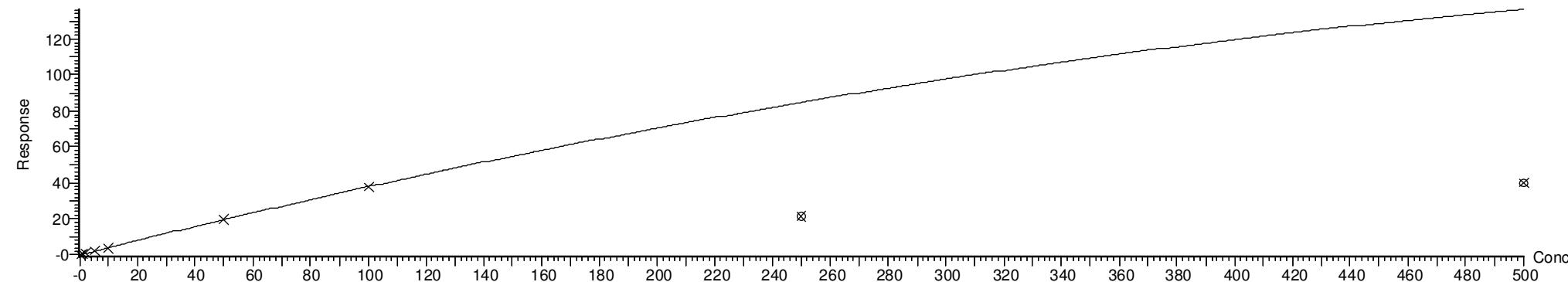
Compound name: PFMPA

Coefficient of Determination: R² = 0.999833

Calibration curve: -0.000264392 * x² + 0.404808 * x + 0.0486385

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



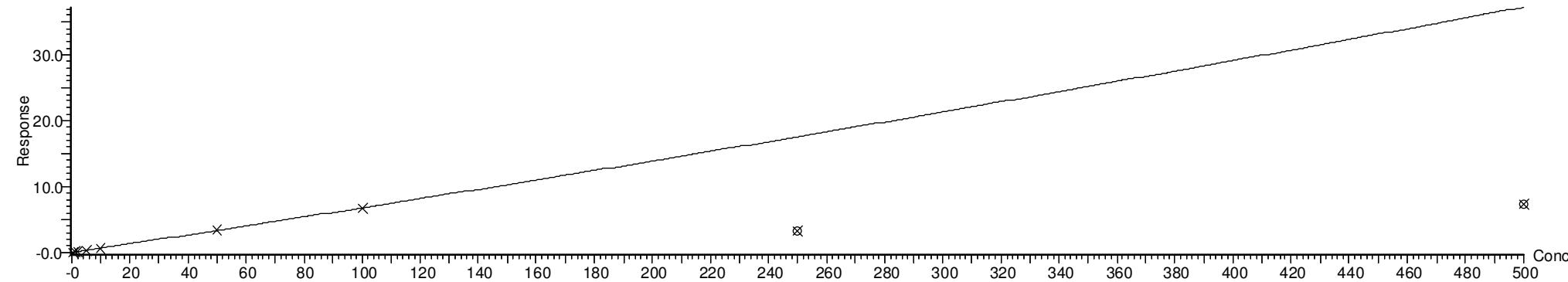
Compound name: 3:3 FTCA

Coefficient of Determination: R² = 0.998826

Calibration curve: 1.70376e-005 * x² + 0.06603 * x + -0.00871506

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

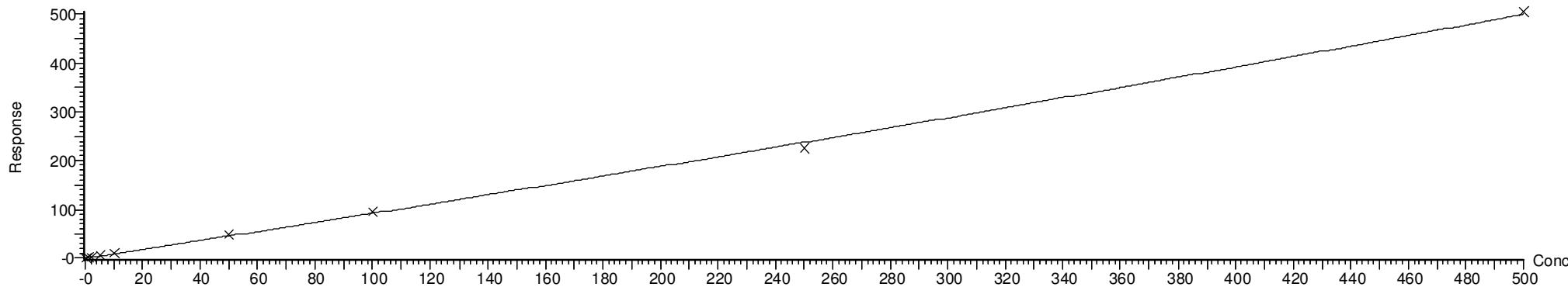
Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.998853$

Calibration curve: $0.000201549 * x^2 + 0.898526 * x + 0.122238$

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



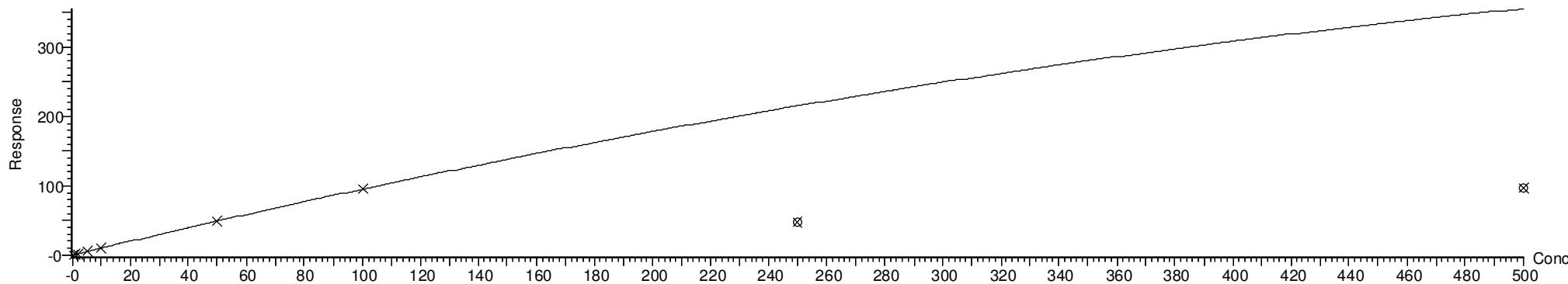
Compound name: PFMBA

Coefficient of Determination: $R^2 = 0.999897$

Calibration curve: $-0.000599539 * x^2 + 1.01075 * x + 0.0260612$

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

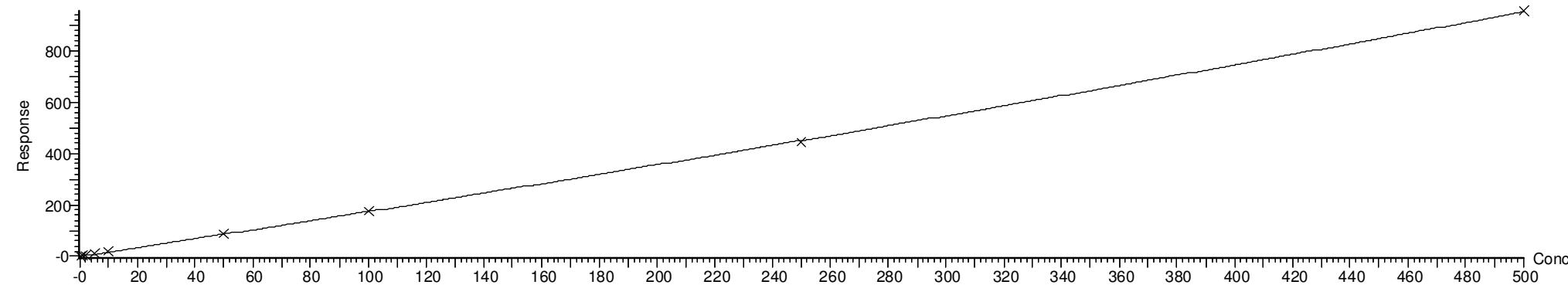
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999758$

Calibration curve: $0.0004048 * x^2 + 1.70248 * x + 0.0963428$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: $1/x$, Axis trans: None



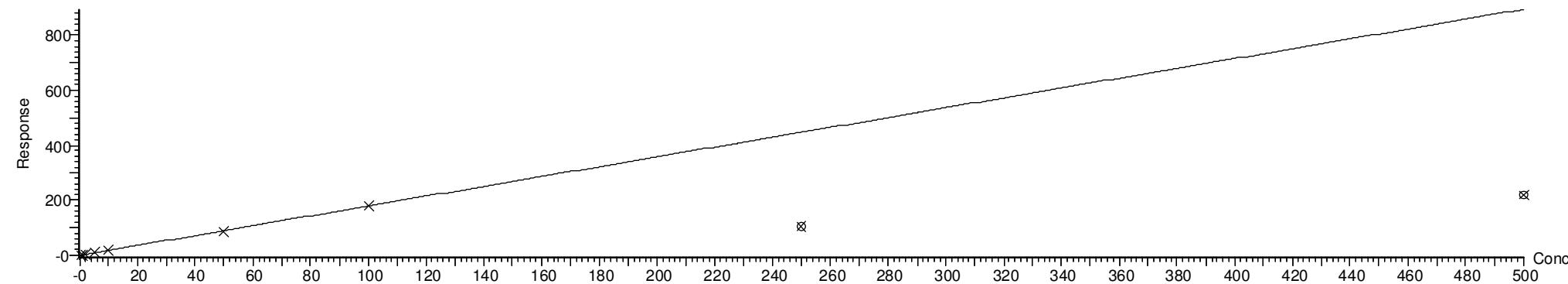
Compound name: PFEESA

Correlation coefficient: $r = 0.999606$, $r^2 = 0.999212$

Calibration curve: $1.79007 * x + -0.0652116$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: $1/x$, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

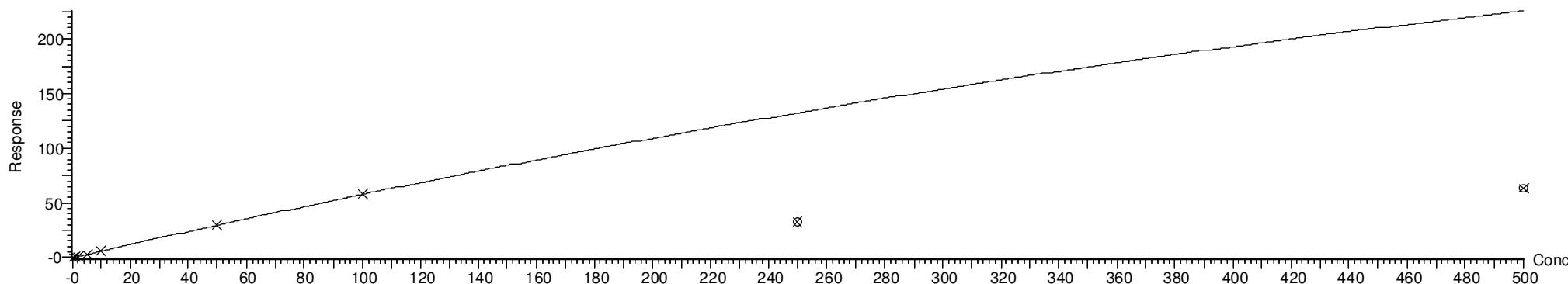
Compound name: NFDHA

Coefficient of Determination: $R^2 = 0.999925$

Calibration curve: $-0.000314228 * x^2 + 0.608114 * x + 0.0348745$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



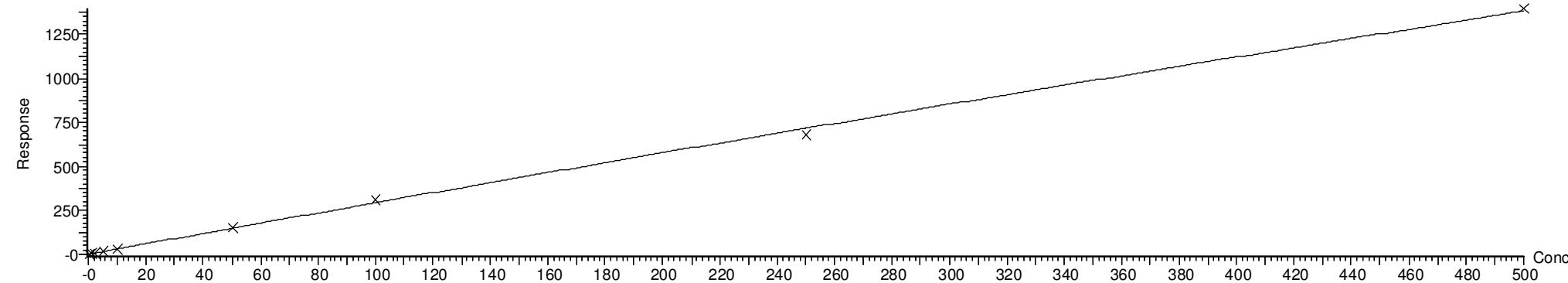
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.998659$

Calibration curve: $-0.000392214 * x^2 + 2.95917 * x + 0.369764$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

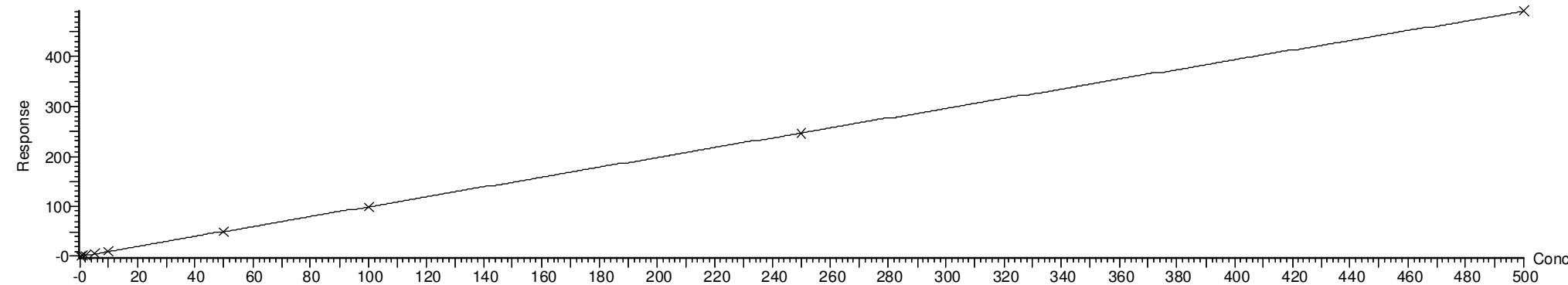
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999889$

Calibration curve: $-3.24401e-005 * x^2 + 0.99745 * x + 0.0993732$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



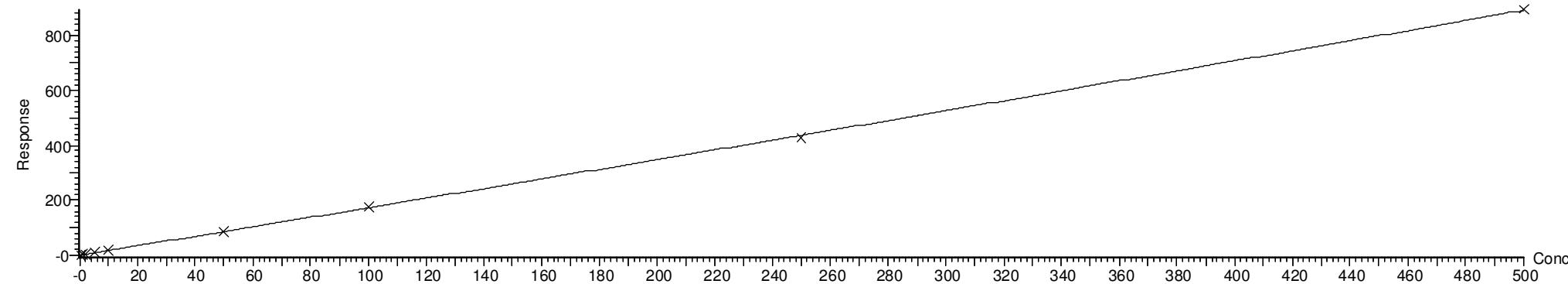
Compound name: PFPoS

Coefficient of Determination: $R^2 = 0.999725$

Calibration curve: $0.000148916 * x^2 + 1.70948 * x + 0.197905$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

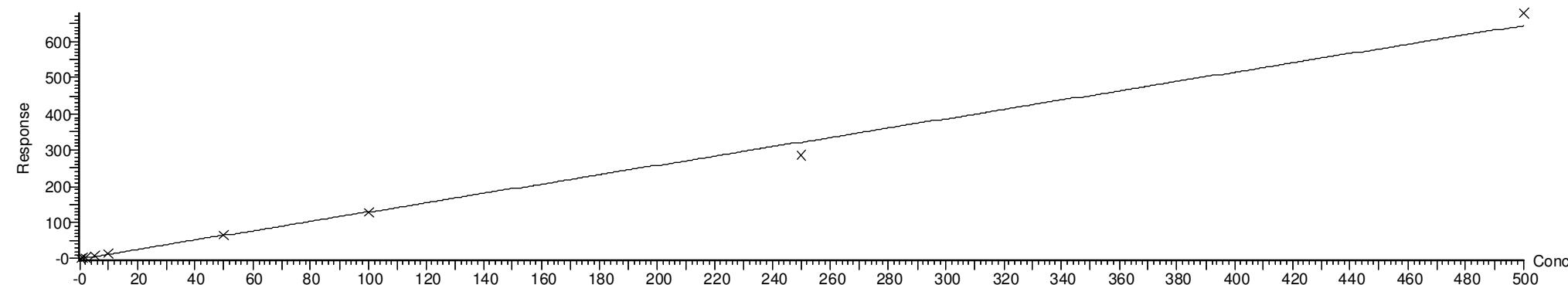
Compound name: HFPO-DA

Correlation coefficient: $r = 0.997482$, $r^2 = 0.994970$

Calibration curve: $1.28838 * x + 0.015072$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: $1/x$, Axis trans: None



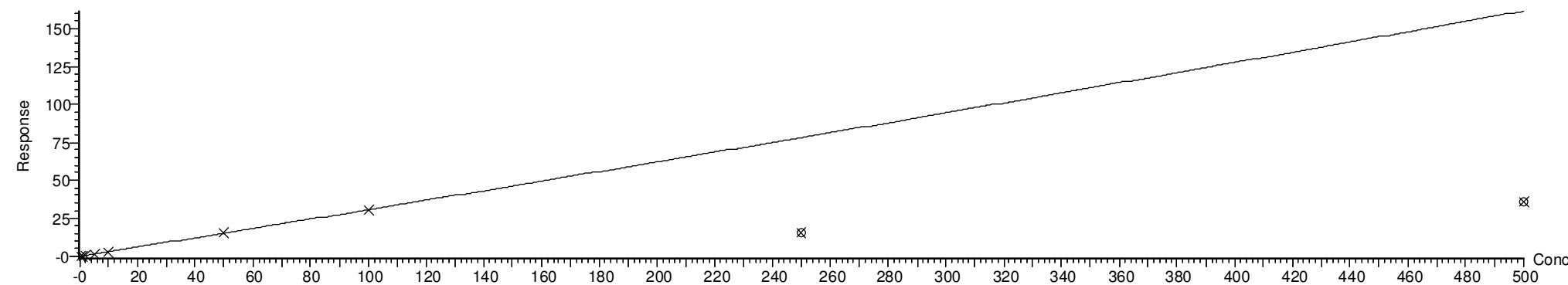
Compound name: 5:3 FTCA

Coefficient of Determination: $R^2 = 0.999726$

Calibration curve: $4.17613e-005 * x^2 + 0.302516 * x + 0.00813786$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: $1/x$, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

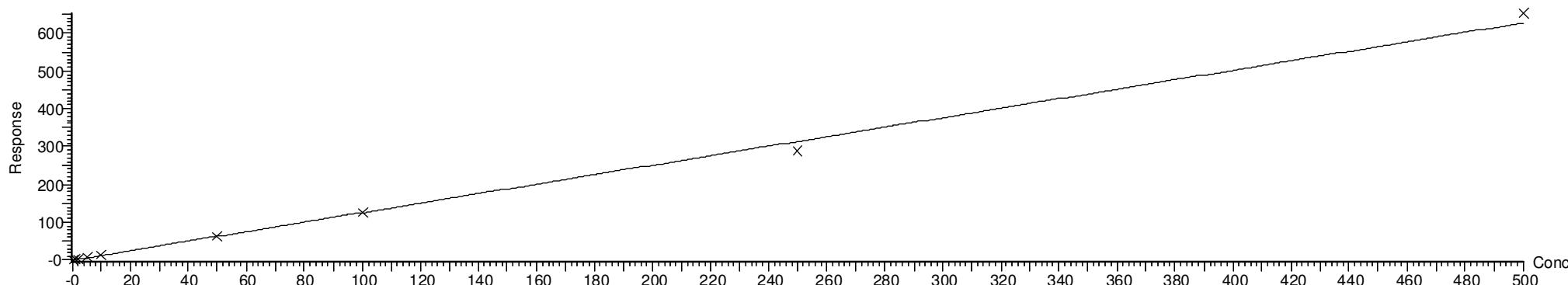
Compound name: PFHpA

Correlation coefficient: $r = 0.998591$, $r^2 = 0.997184$

Calibration curve: $1.25381 * x + 0.0501442$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: $1/x$, Axis trans: None



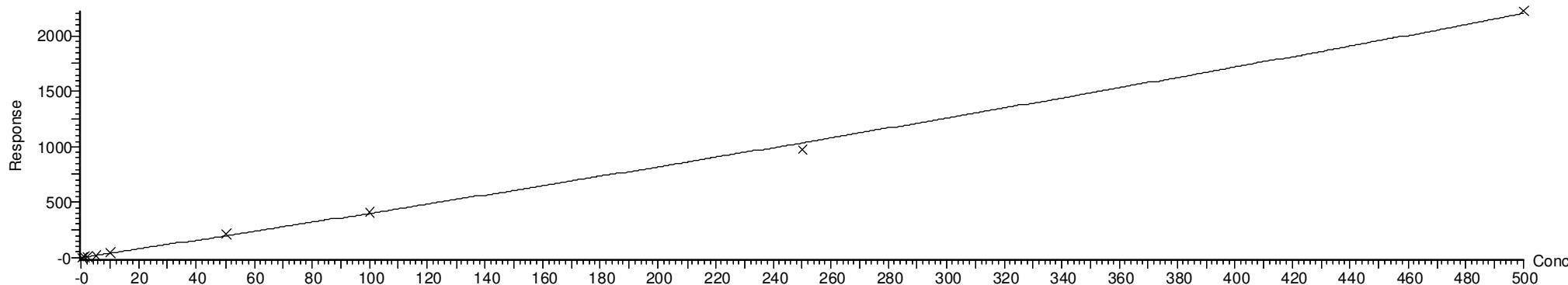
Compound name: ADONA

Coefficient of Determination: $R^2 = 0.998429$

Calibration curve: $0.0010155 * x^2 + 3.89314 * x + 0.338624$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: $1/x$, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

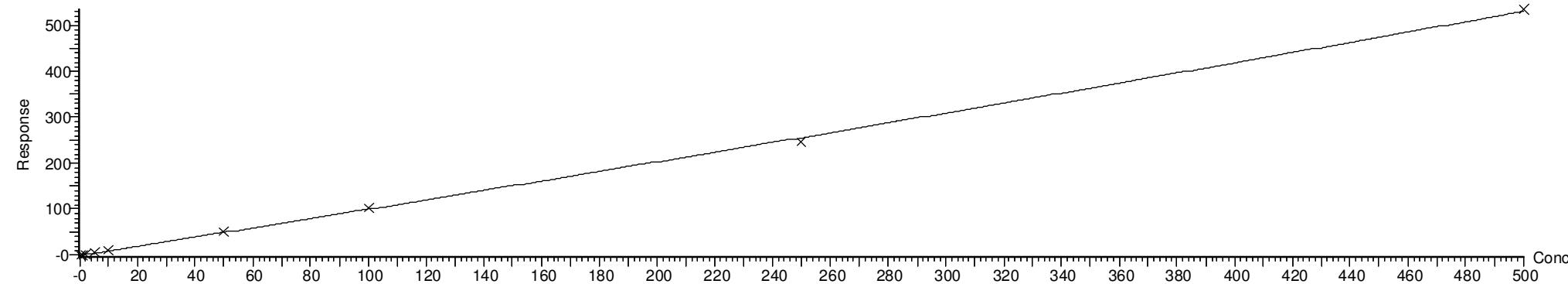
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999390$

Calibration curve: $0.000150901 * x^2 + 0.987383 * x + 0.0143905$

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



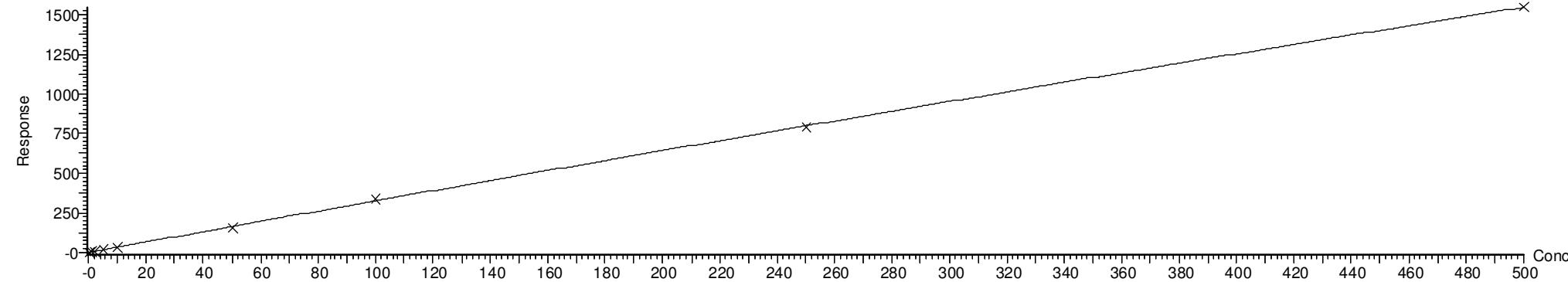
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.999650$

Calibration curve: $-0.000396841 * x^2 + 3.29235 * x + 0.111429$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

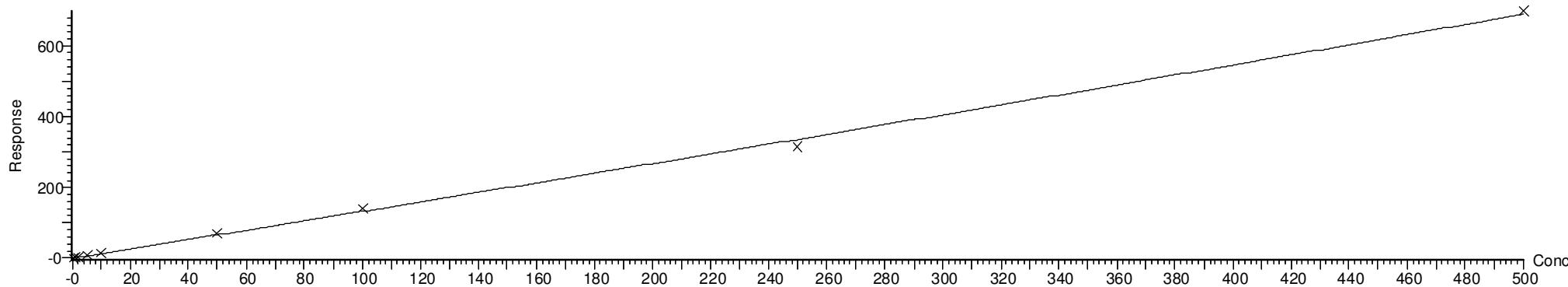
Compound name: L-PFOA

Coefficient of Determination: R² = 0.998238

Calibration curve: 0.000145557 * x² + 1.30656 * x + 0.103754

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



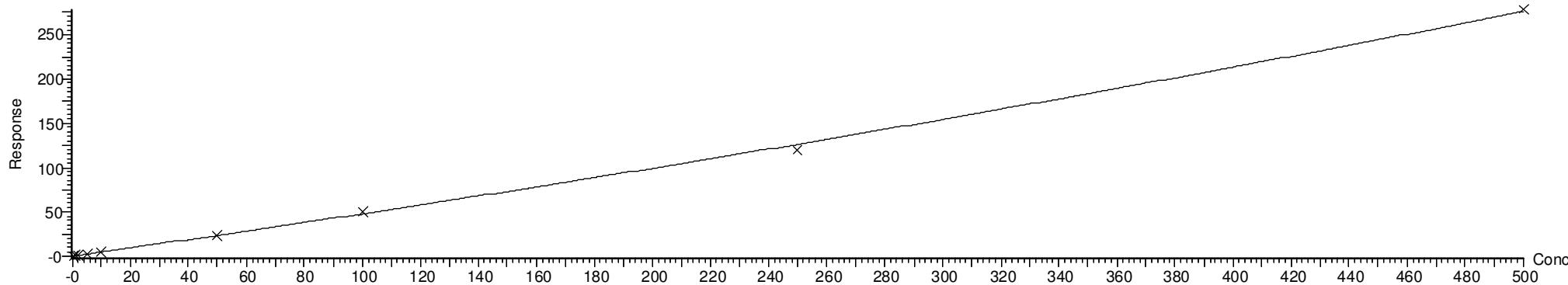
Compound name: PFecHS

Coefficient of Determination: R² = 0.998858

Calibration curve: 0.000187832 * x² + 0.457534 * x + 0.0313088

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

Last Altered: Friday, March 26, 2021 08:25:58 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

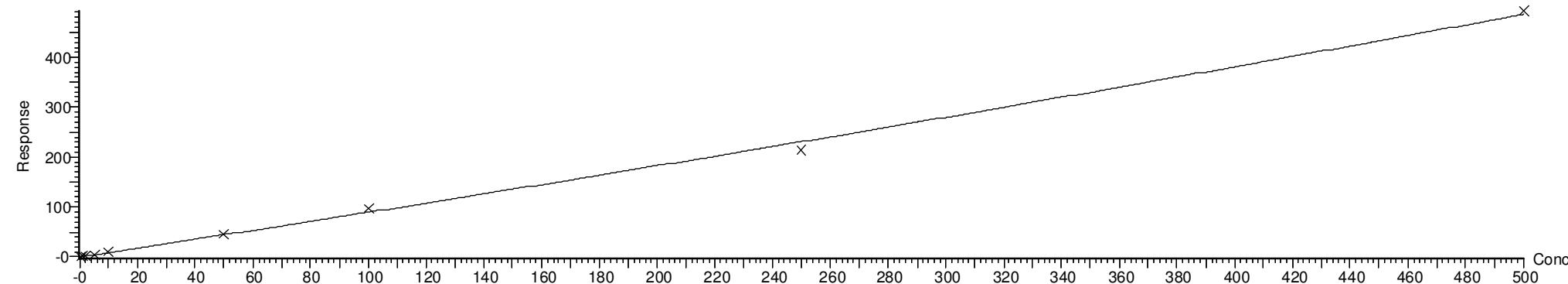
Compound name: PFH₈S

Coefficient of Determination: R² = 0.997738

Calibration curve: 0.000199356 * x^2 + 0.872554 * x + 0.090917

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



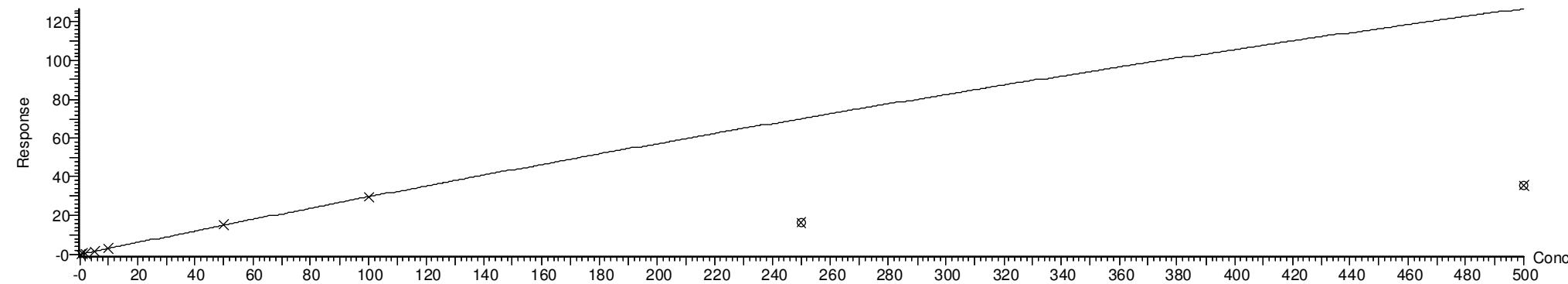
Compound name: 7:3 FTCA

Coefficient of Determination: R² = 0.999429

Calibration curve: -0.000106888 * x^2 + 0.307029 * x + -0.00195609

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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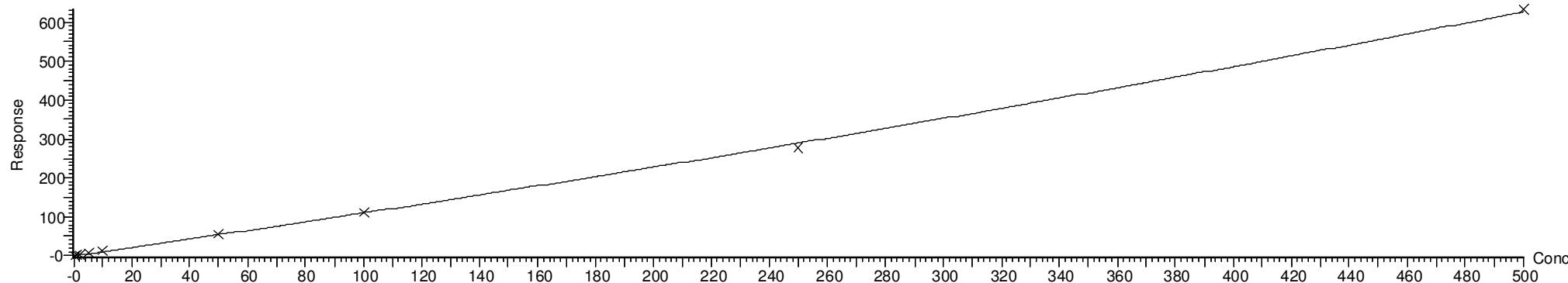
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.998765$

Calibration curve: $0.000386105 * x^2 + 1.05977 * x + 0.138476$

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



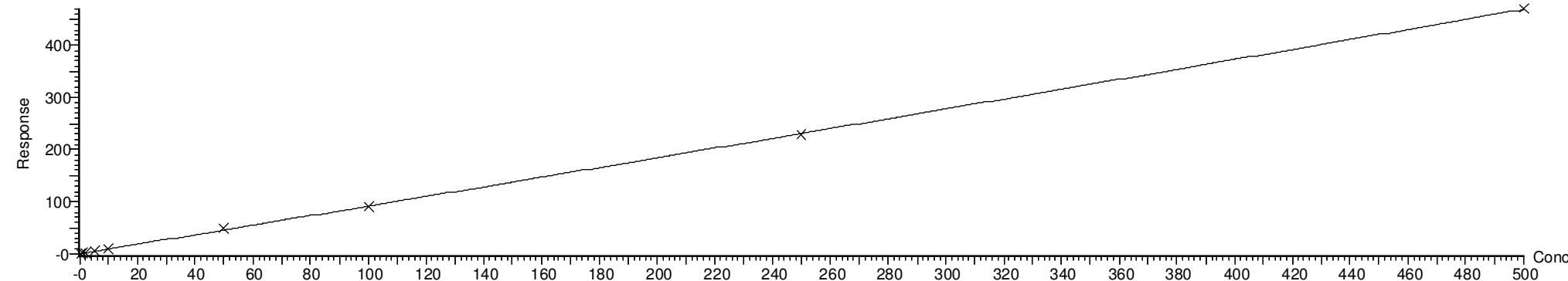
Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999696$

Calibration curve: $5.92906e-005 * x^2 + 0.90881 * x + 0.0824994$

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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OPV 3/26/2021

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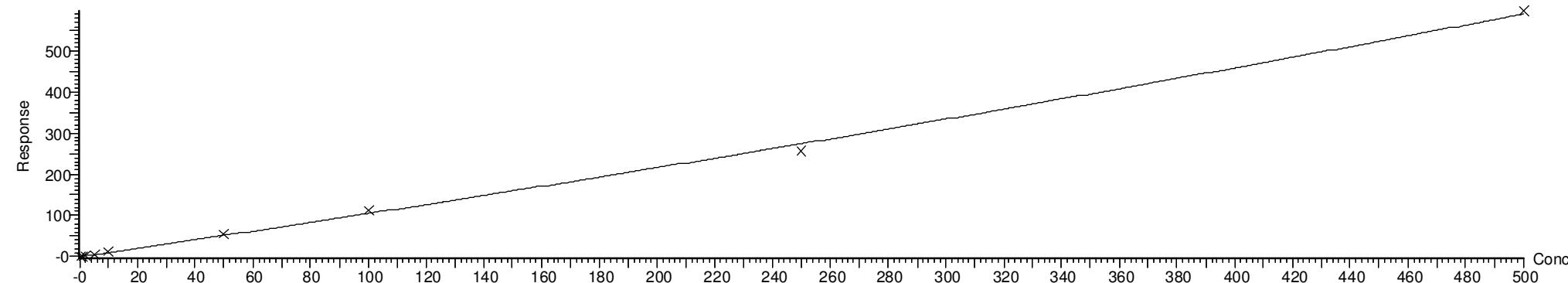
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.998251$

Calibration curve: $0.000329834 * x^2 + 1.01566 * x + 0.0306087$

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



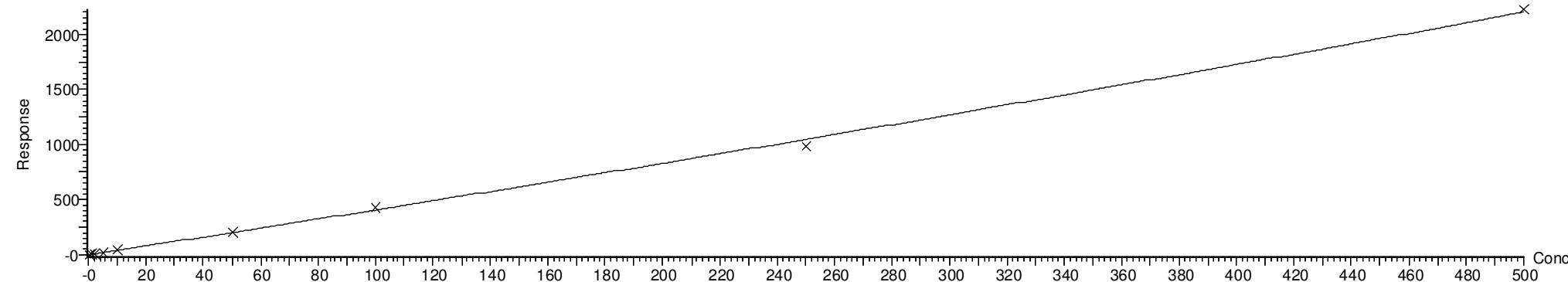
Compound name: 9Cl-PF30NS

Coefficient of Determination: $R^2 = 0.998309$

Calibration curve: $0.000843562 * x^2 + 3.98357 * x + 0.244078$

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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OPV 3/26/2021

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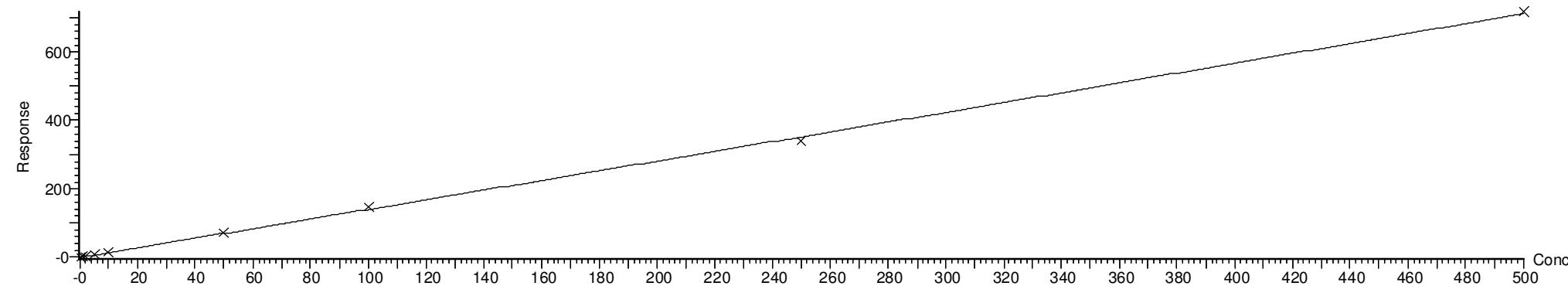
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999242$

Calibration curve: $6.33099e-005 * x^2 + 1.39082 * x + 0.181806$

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



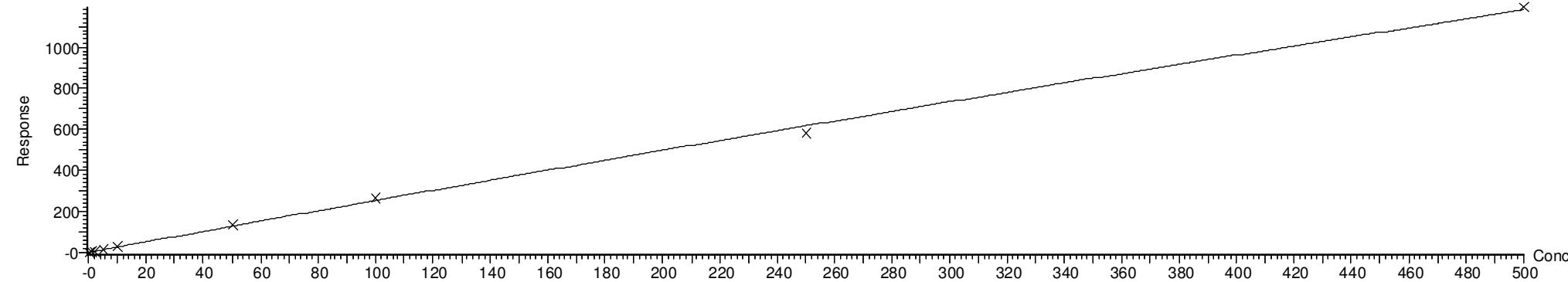
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.998394$

Calibration curve: $-0.00041639 * x^2 + 2.56998 * x + 0.128026$

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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Printed: Friday, March 26, 2021 08:35:41 Pacific Daylight Time

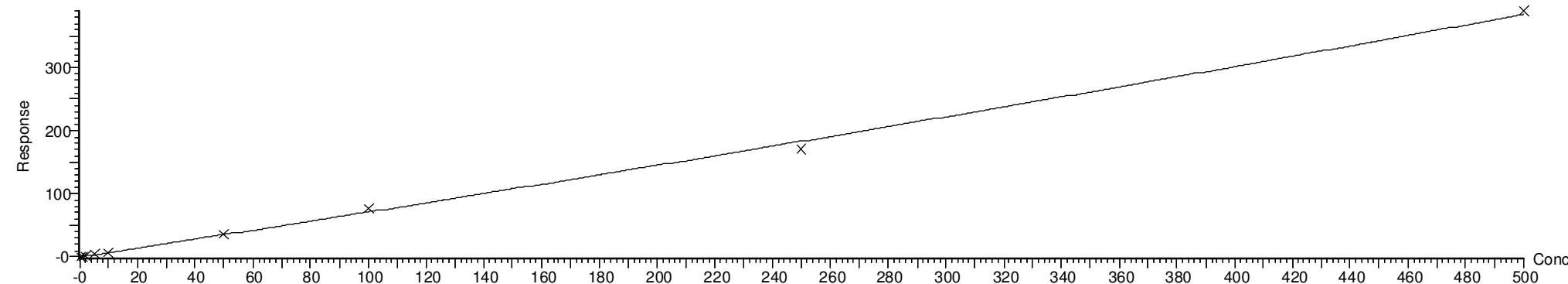
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.997594$

Calibration curve: $0.000146033 * x^2 + 0.696467 * x + 0.0283438$

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



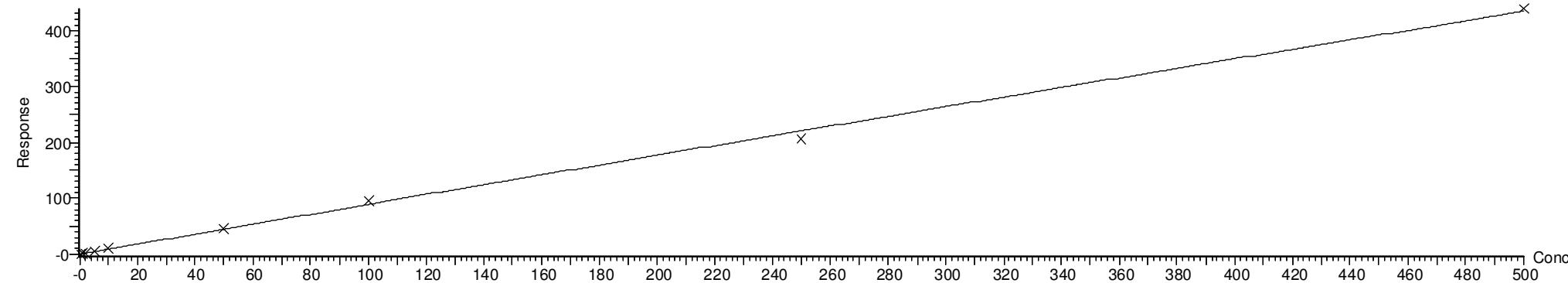
Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.998193$

Calibration curve: $-5.6876e-005 * x^2 + 0.89676 * x + 0.0204091$

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



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OPV 3/26/2021

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Printed: Friday, March 26, 2021 08:35:00 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58

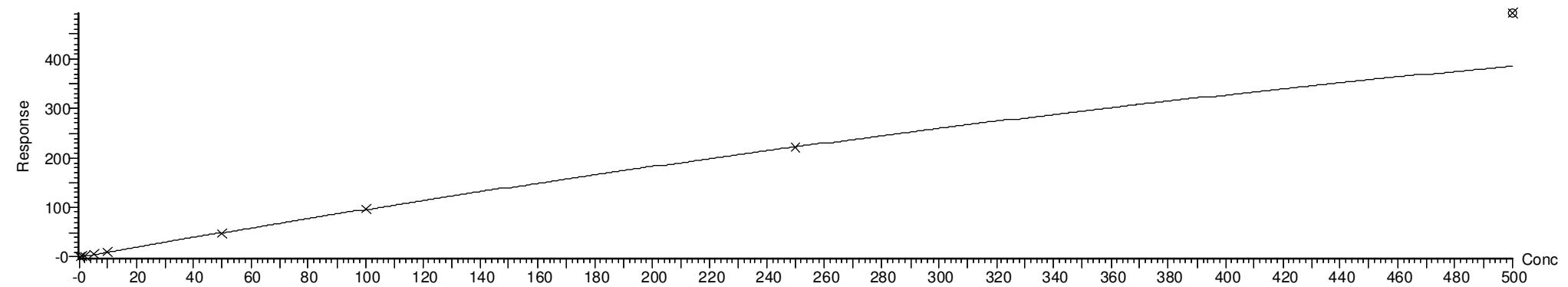
Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999679

Calibration curve: -0.000472156 * x² + 1.00752 * x + -0.0133378

Response type: Internal Std (Ref 68), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



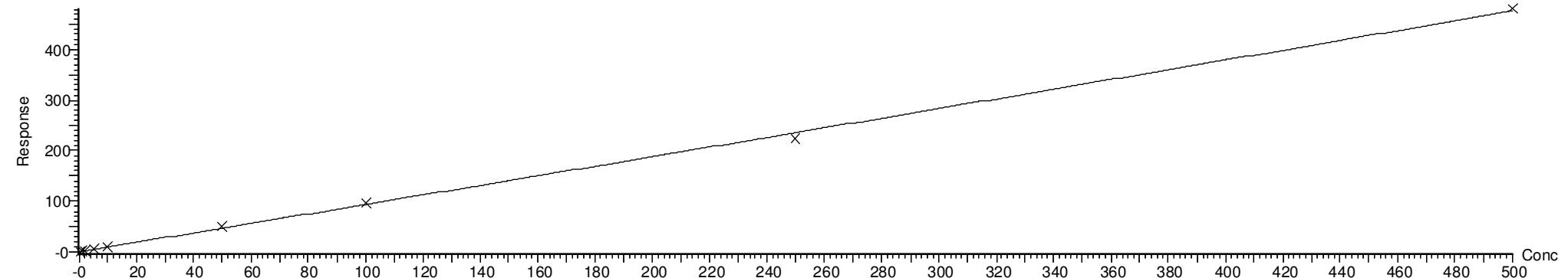
Compound name: PFUdA

Coefficient of Determination: R² = 0.998725

Calibration curve: 4.00333e-005 * x² + 0.931774 * x + 0.0883186

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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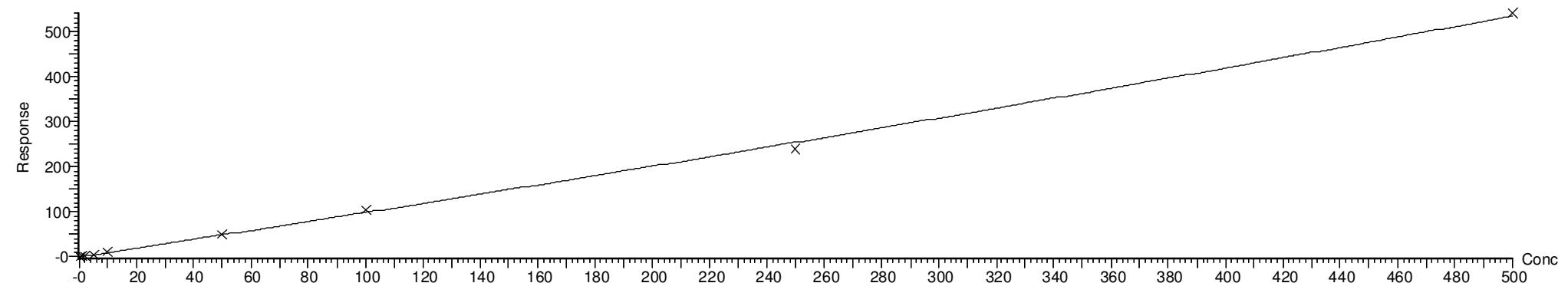
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.998472$

Calibration curve: $0.000212714 * x^2 + 0.962855 * x + 0.122708$

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



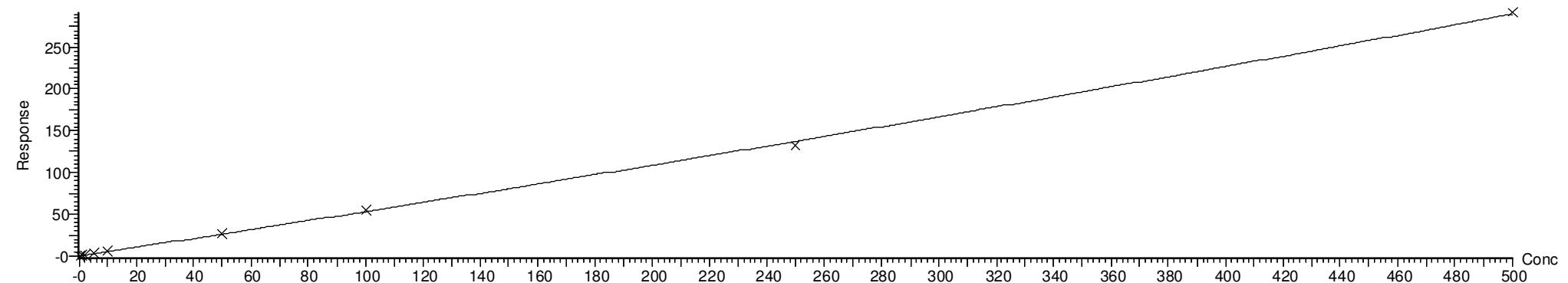
Compound name: 11Cl-PF30UdS

Coefficient of Determination: $R^2 = 0.999276$

Calibration curve: $0.000119203 * x^2 + 0.519752 * x + 0.0388769$

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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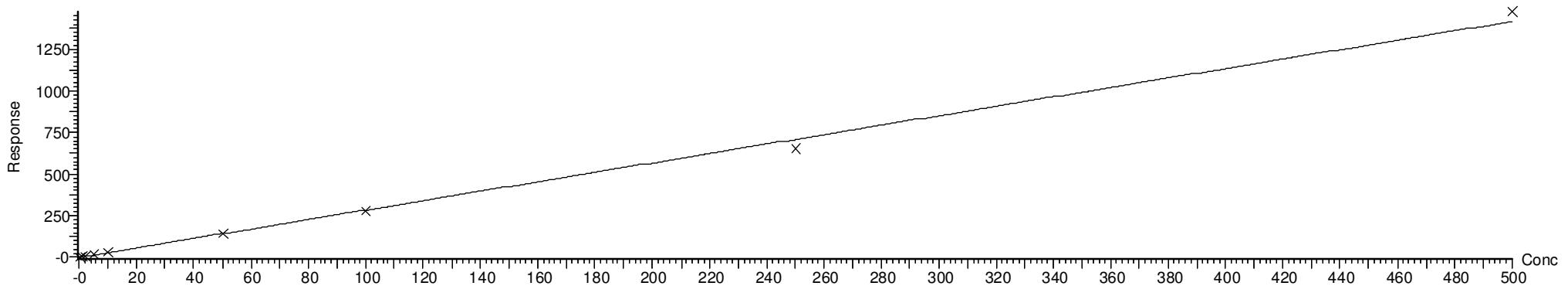
Compound name: 10:2 FTS

Correlation coefficient: r = 0.998527, r² = 0.997057

Calibration curve: 2.83317 * x + 0.151377

Response type: Internal Std (Ref 70), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



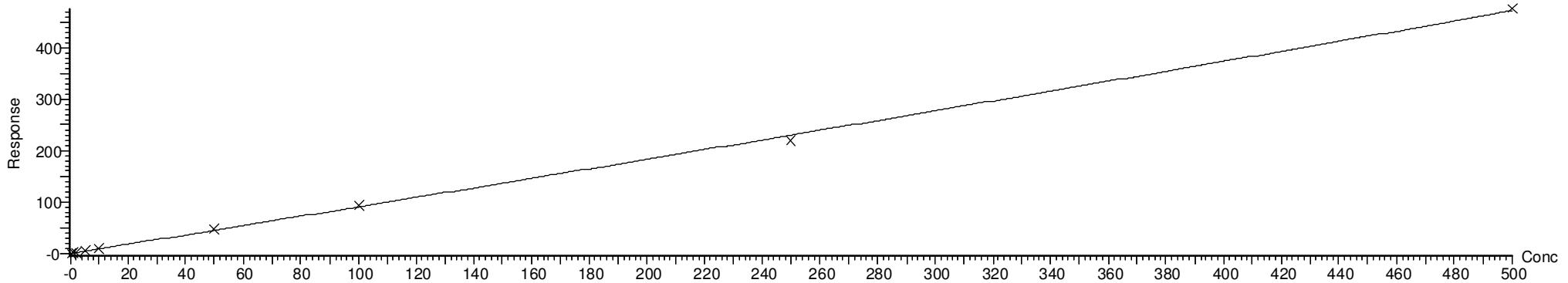
Compound name: PFDoA

Coefficient of Determination: R² = 0.998952

Calibration curve: 9.08254e-005 * x² + 0.898614 * x + 0.0776736

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Printed: Friday, March 26, 2021 08:35:00 Pacific Daylight Time

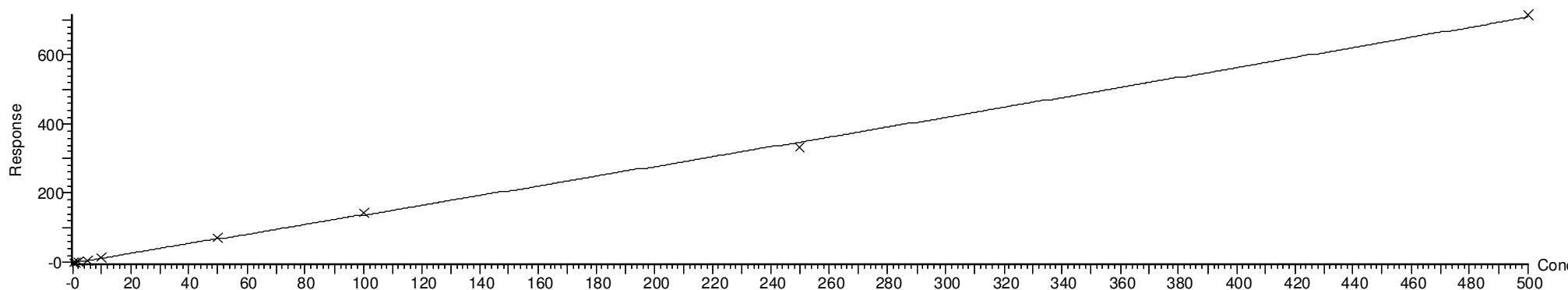
Compound name: N-MeFOSA

Coefficient of Determination: $R^2 = 0.998997$

Calibration curve: $9.77996e-005 * x^2 + 1.3682 * x + -0.0196389$

Response type: Internal Std (Ref 71), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



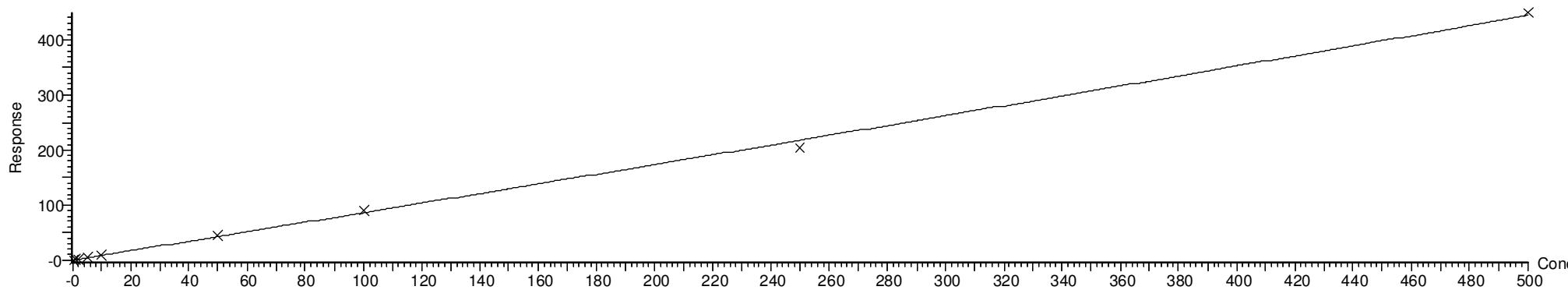
Compound name: PFTrDA

Coefficient of Determination: $R^2 = 0.998391$

Calibration curve: $6.93612e-005 * x^2 + 0.853952 * x + 0.125793$

Response type: Internal Std (Ref 69), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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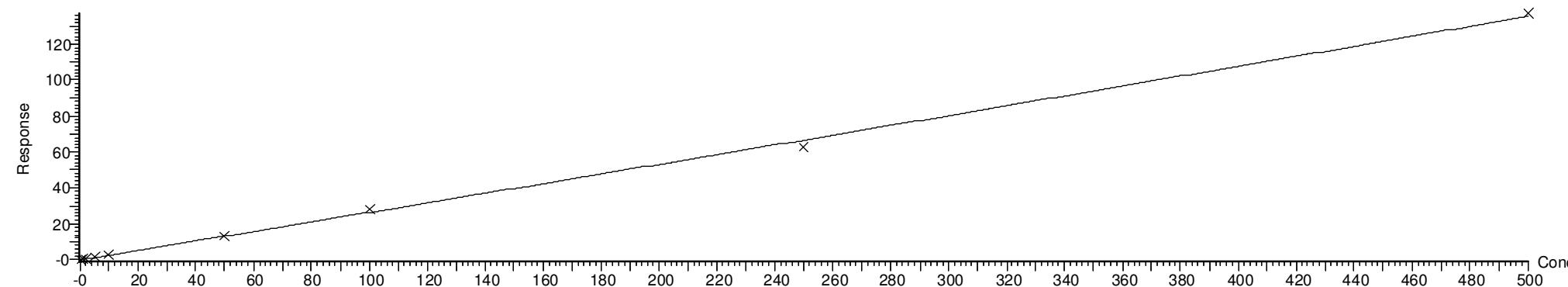
Compound name: PFDoS

Coefficient of Determination: $R^2 = 0.998387$

Calibration curve: $1.87111e-005 * x^2 + 0.261761 * x + 0.00112011$

Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



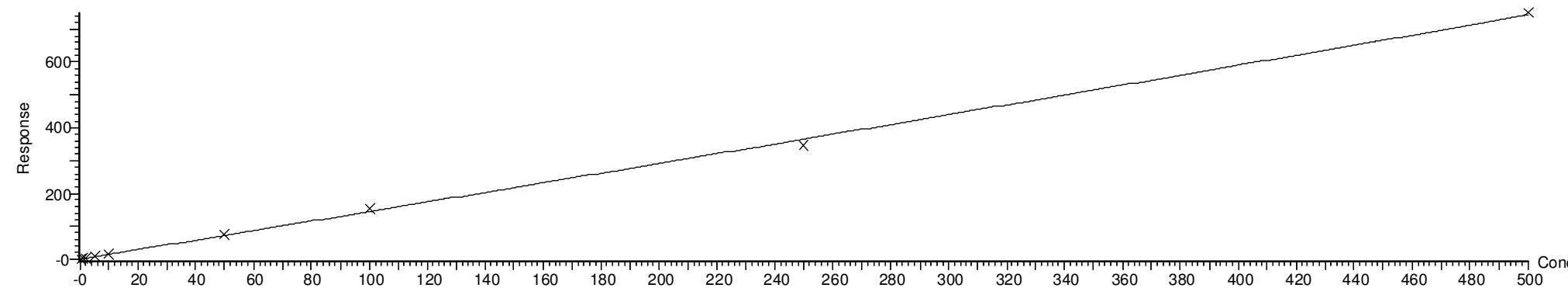
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.998576$

Calibration curve: $0.00010094 * x^2 + 1.43557 * x + 0.193296$

Response type: Internal Std (Ref 72), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

OPV 3/26/2021

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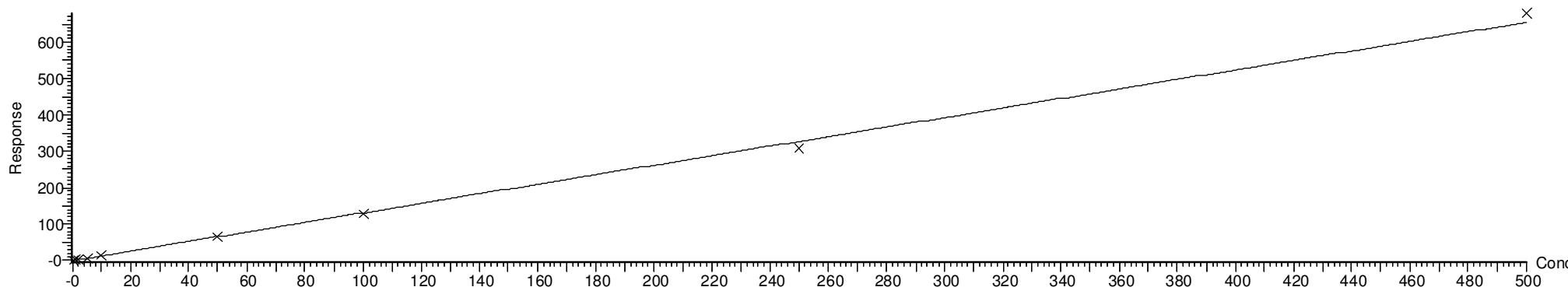
Compound name: N-EtFOSA

Correlation coefficient: $r = 0.999035$, $r^2 = 0.998071$

Calibration curve: $1.30903 * x + -0.0176014$

Response type: Internal Std (Ref 73), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



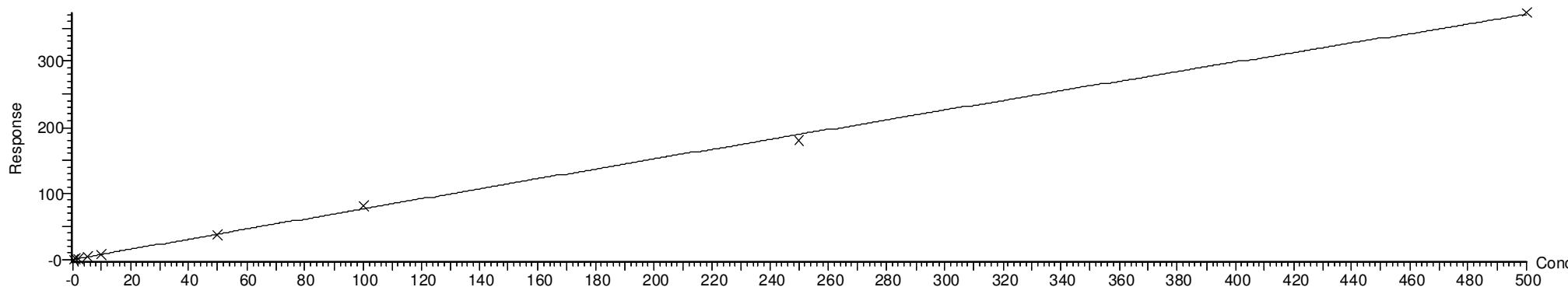
Compound name: PFHxD

Coefficient of Determination: $R^2 = 0.998667$

Calibration curve: $-6.49445e-005 * x^2 + 0.773081 * x + 0.0858392$

Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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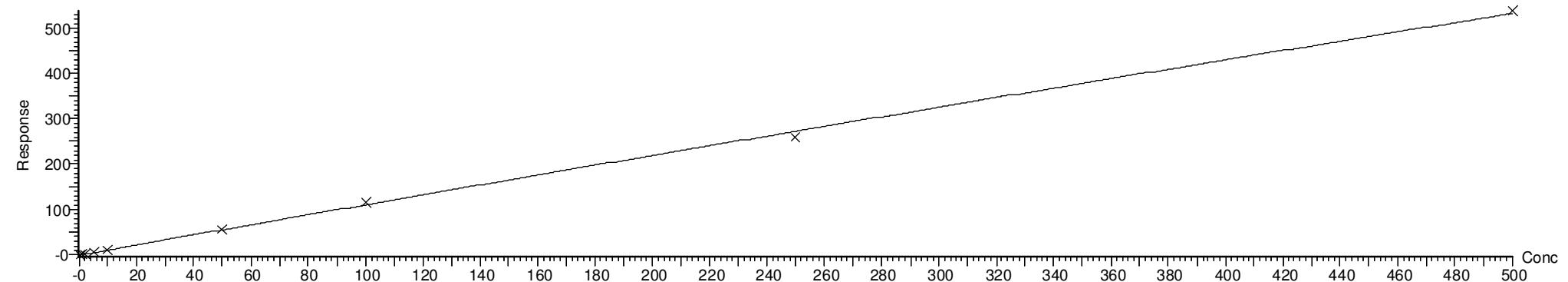
Compound name: PFODA

Coefficient of Determination: R² = 0.998742

Calibration curve: -0.000105428 * x² + 1.11819 * x + 0.079515

Response type: Internal Std (Ref 74), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



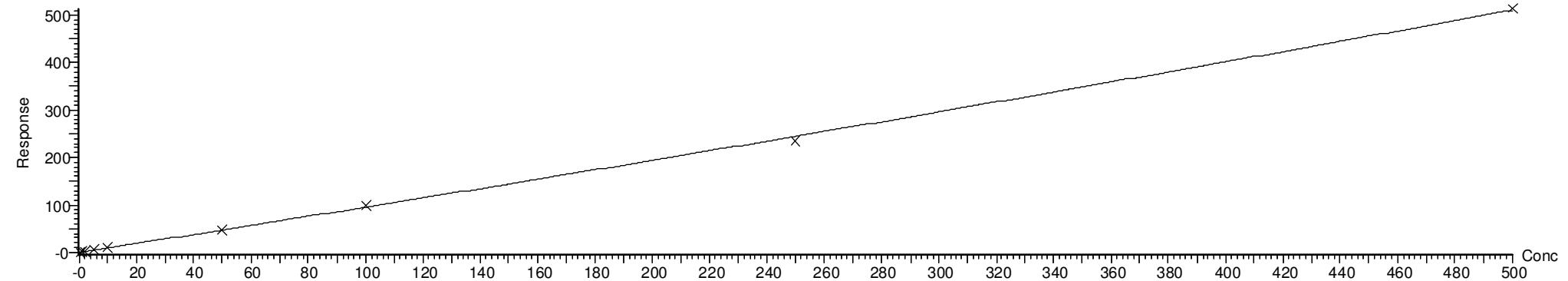
Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999113

Calibration curve: 0.000168929 * x² + 0.936643 * x + 0.0572685

Response type: Internal Std (Ref 75), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



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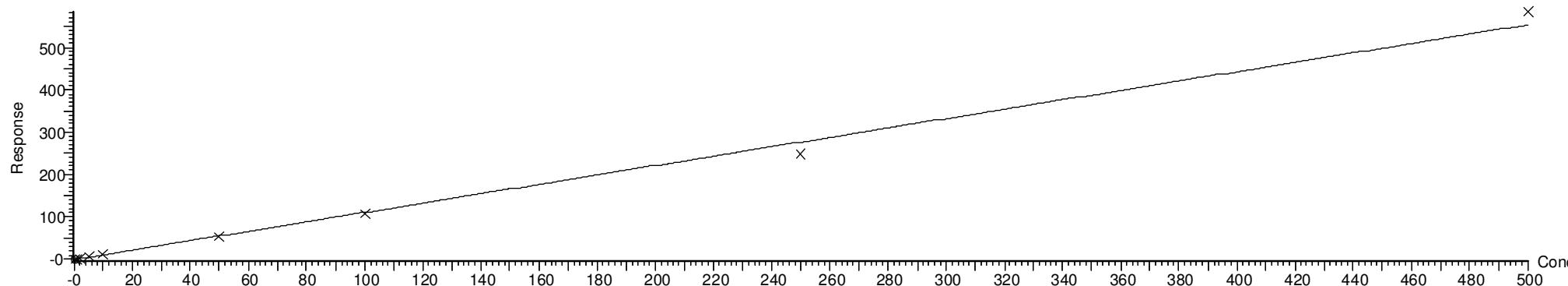
Compound name: N-EtFOSE

Correlation coefficient: $r = 0.997590$, $r^2 = 0.995187$

Calibration curve: $1.10715 * x + -0.321706$

Response type: Internal Std (Ref 76), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

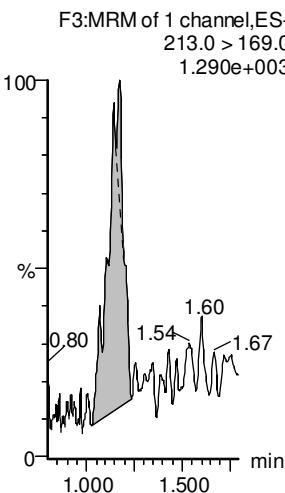
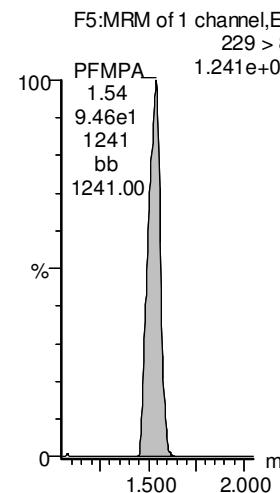
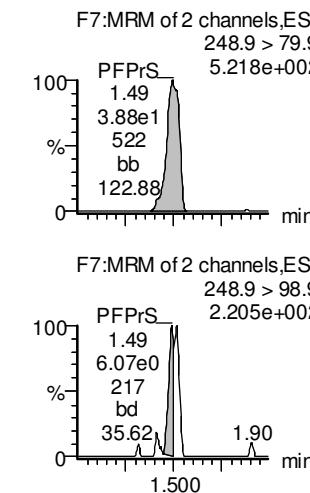
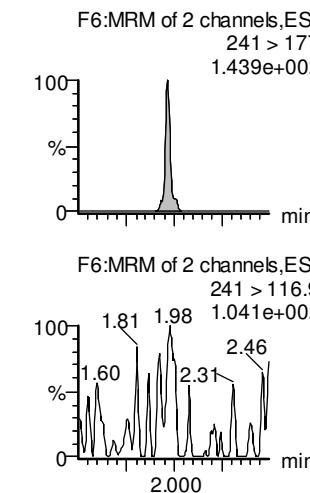
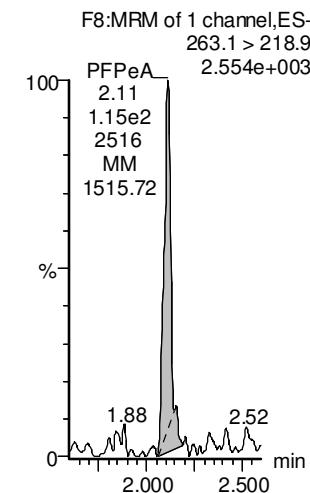
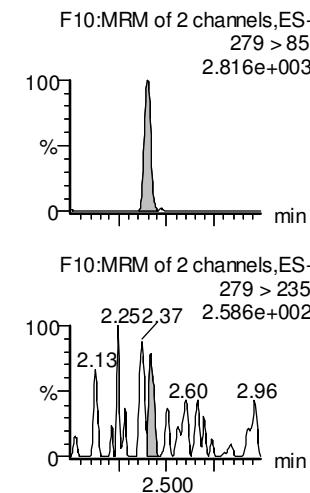
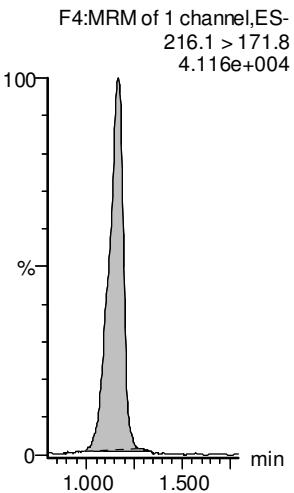
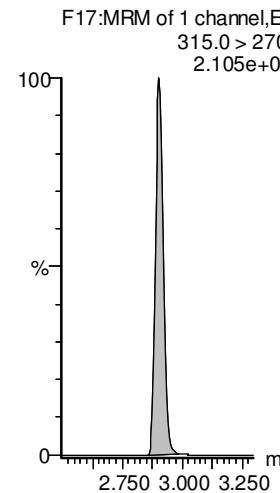
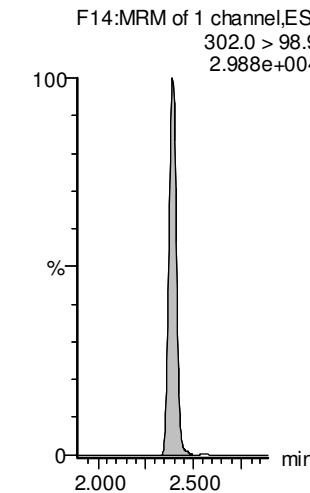
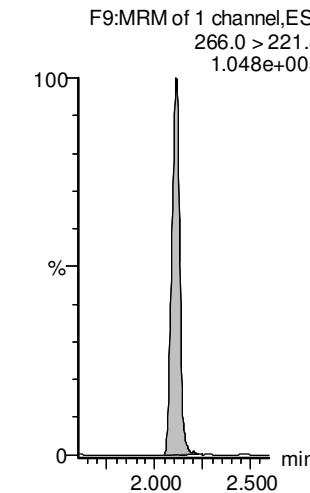
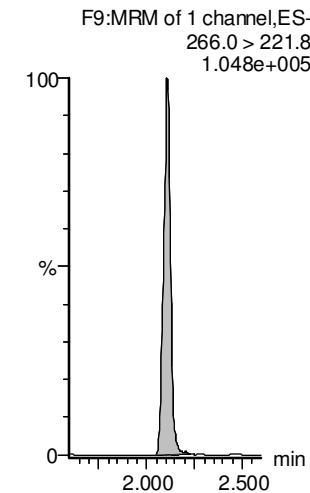
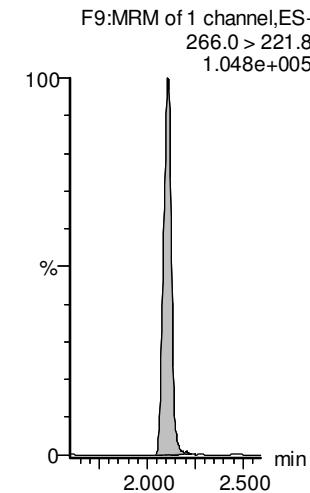


Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032521.mdb 26 Mar 2021 07:27:41**Calibration: 26 Mar 2021 07:56:25****Name: 210325M1_4, Date: 25-Mar-2021, Time: 13:17:00, ID: ST210325M1-1 PFC CS-2 21C0801, Description: PFC CS-2 21C0801****PFBA****PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

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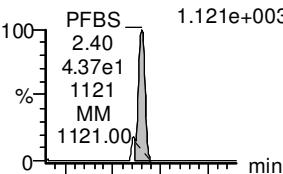
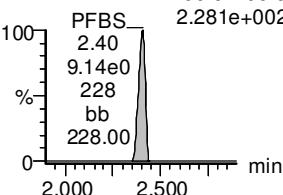
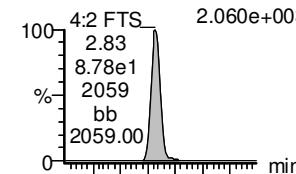
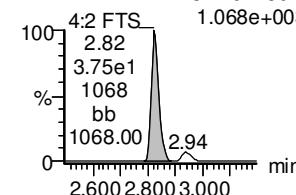
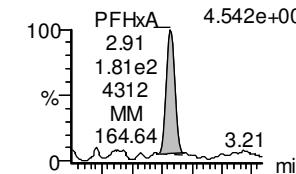
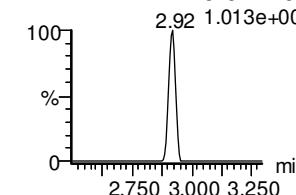
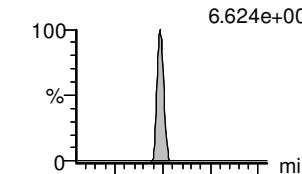
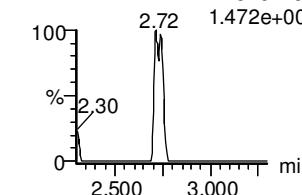
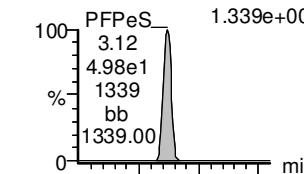
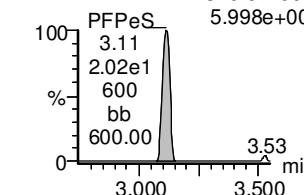
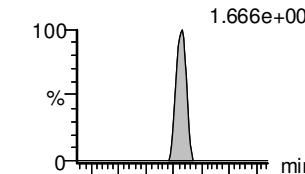
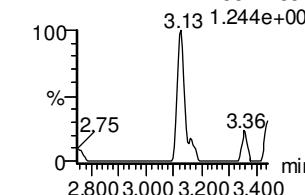
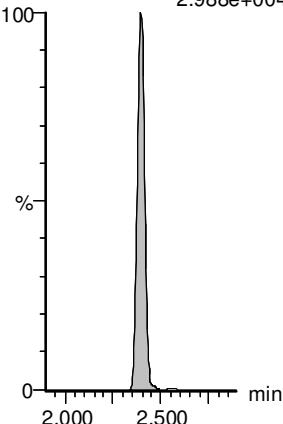
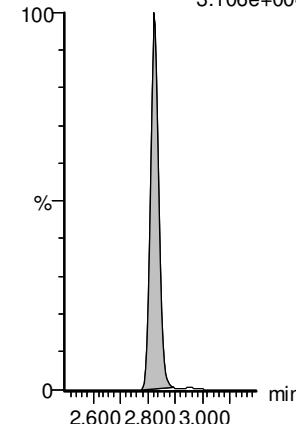
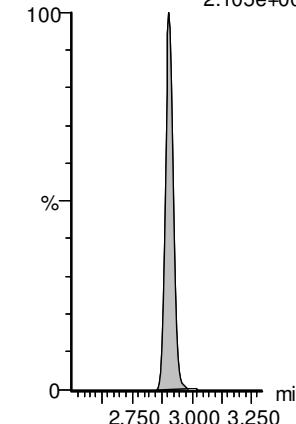
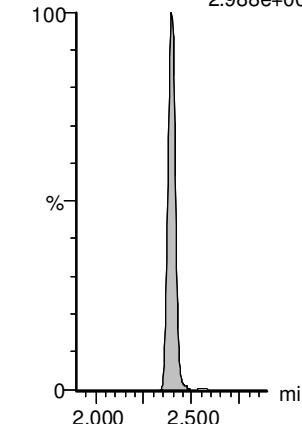
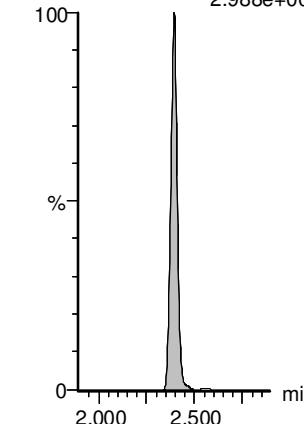
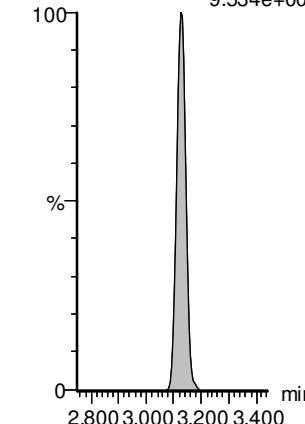
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Name: 210325M1_4, Date: 25-Mar-2021, Time: 13:17:00, ID: ST210325M1-1 PFC CS-2 21C0801, Description: PFC CS-2 21C0801

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
1.121e+003F13:MRM of 2 channels,ES-
299.0 > 99.0
2.281e+002**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
2.060e+003F18:MRM of 2 channels,ES-
327.0 > 80.9
1.068e+003**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
4.542e+003F15:MRM of 2 channels,ES-
313 > 118.9
1.013e+002**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
6.624e+002F16:MRM of 2 channels,ES-
315 > 83
1.472e+002**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
1.339e+003F21:MRM of 2 channels,ES-
349.0 > 99.0
5.998e+002**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
1.666e+002F11:MRM of 2 channels,ES-
285 > 185.0
1.244e+002**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.988e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
3.106e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
2.105e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.988e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.988e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
9.534e+003

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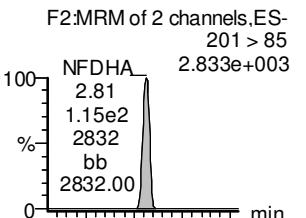
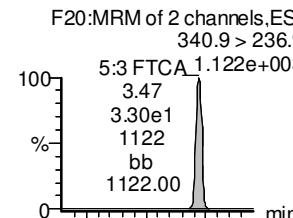
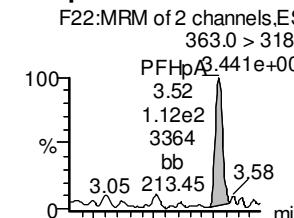
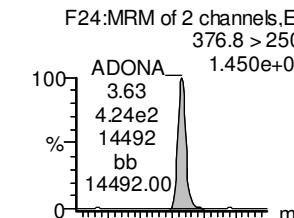
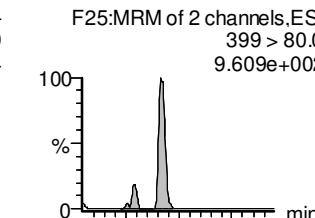
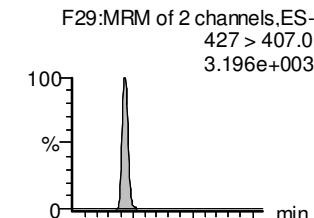
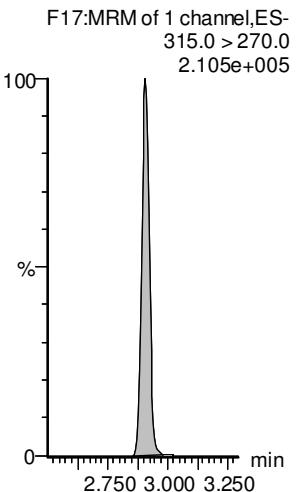
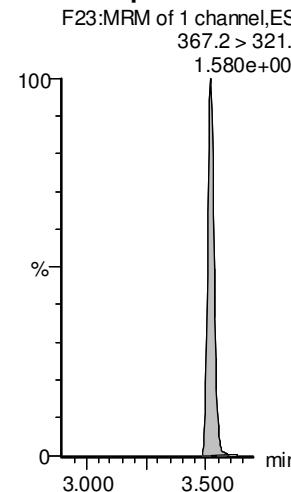
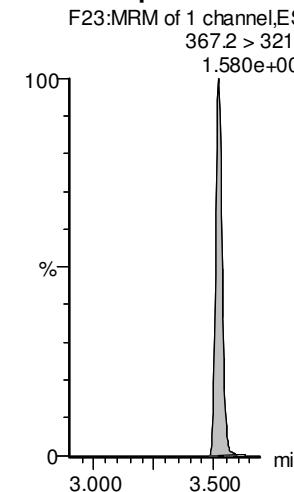
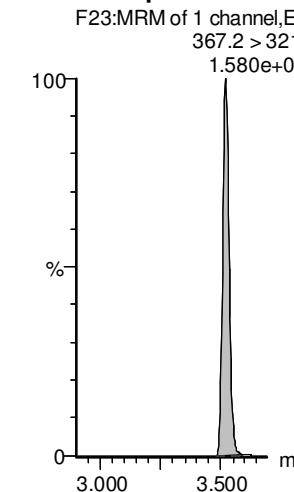
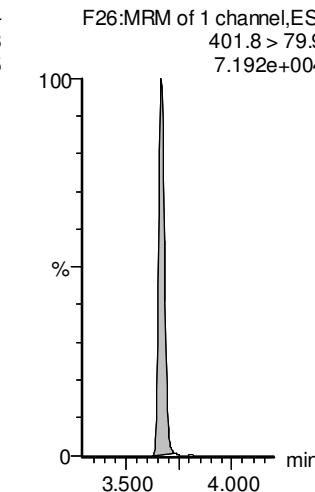
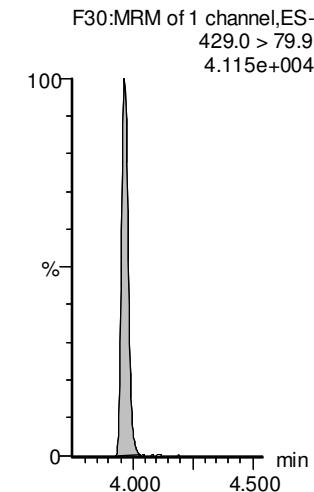
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Name: 210325M1_4, Date: 25-Mar-2021, Time: 13:17:00, ID: ST210325M1-1 PFC CS-2 21C0801, Description: PFC CS-2 21C0801

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFhxS****6:2 FTS****13C2-PFhxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFhxS-EIS****13C2-6:2 FTS-EIS**

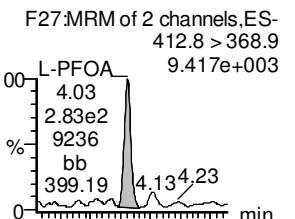
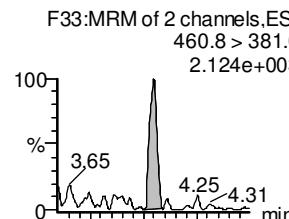
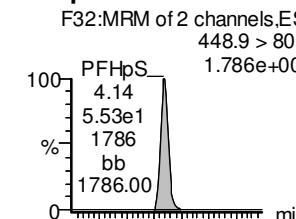
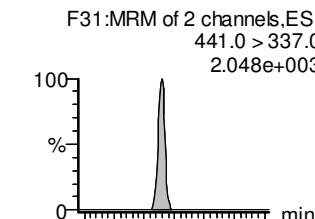
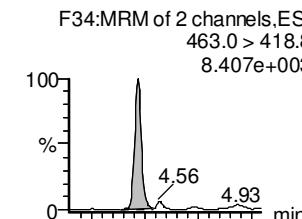
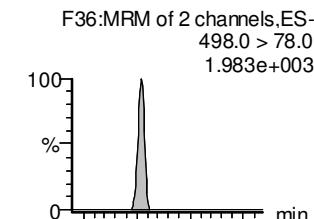
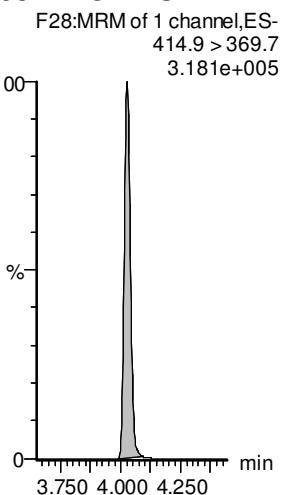
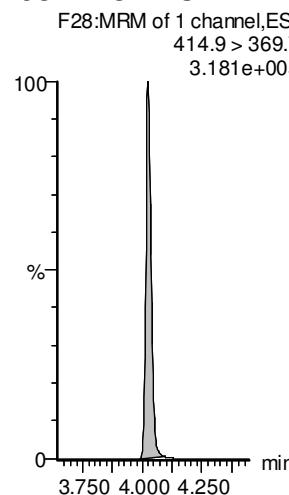
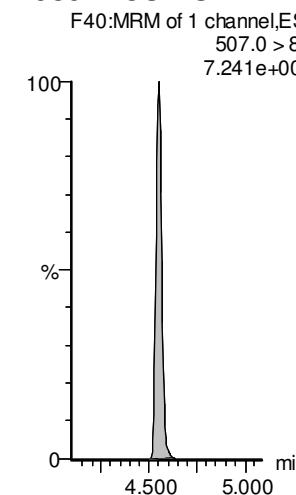
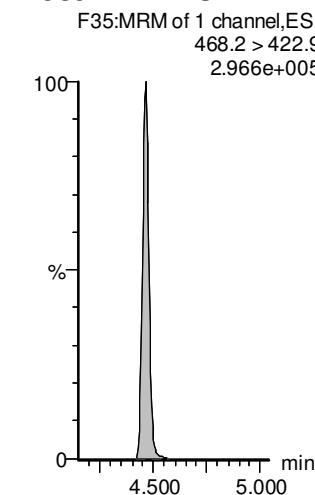
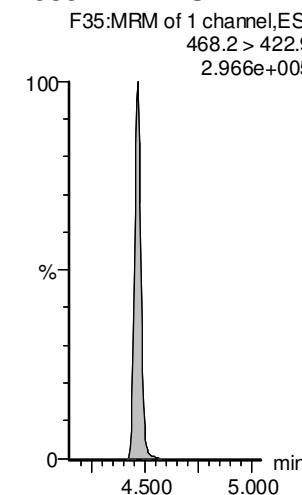
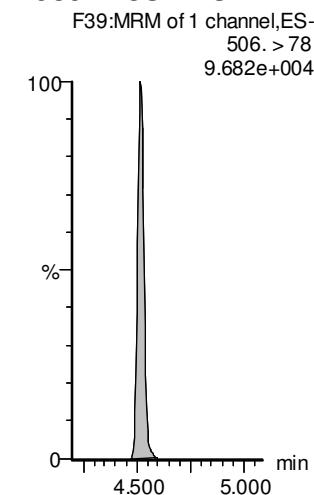
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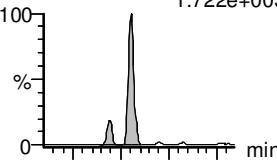
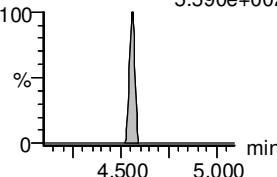
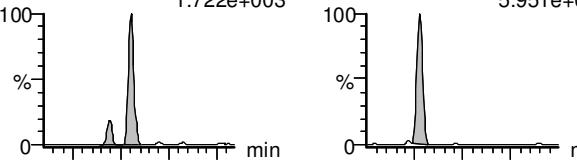
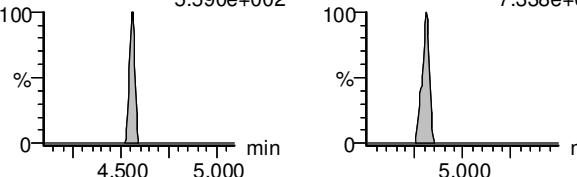
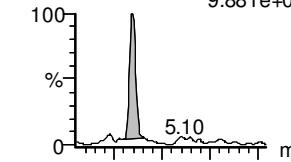
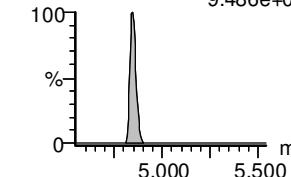
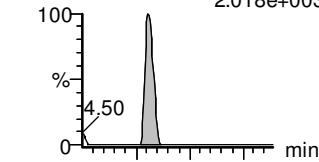
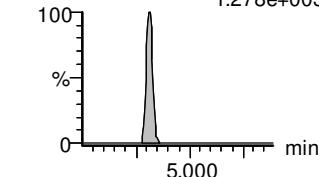
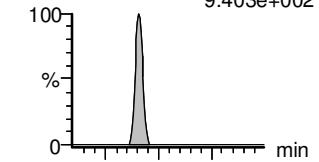
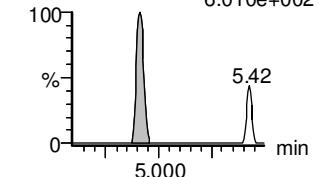
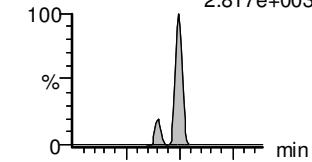
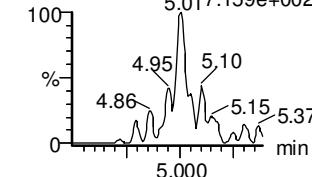
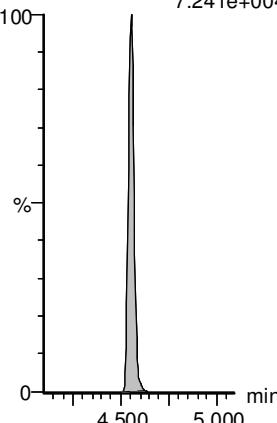
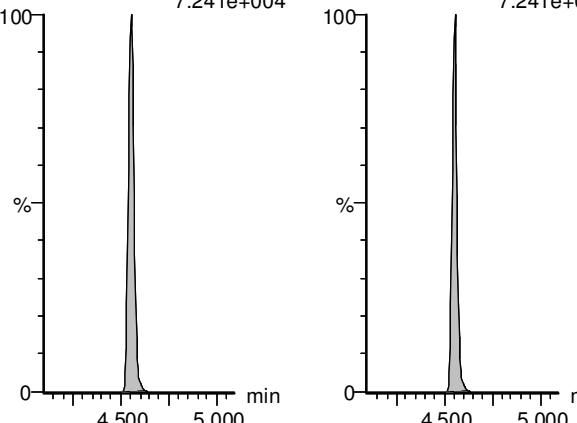
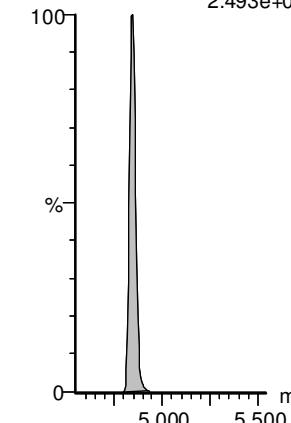
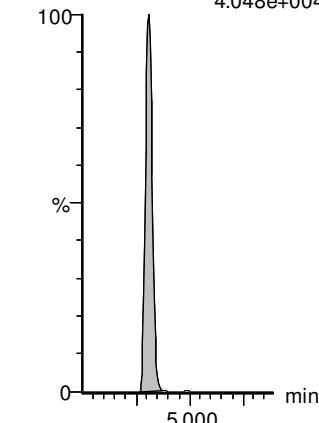
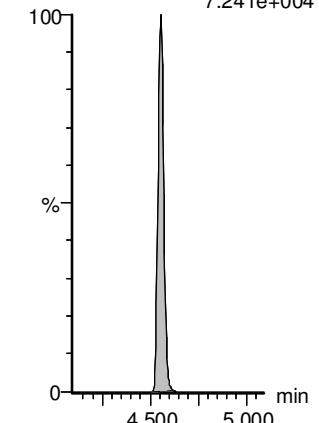
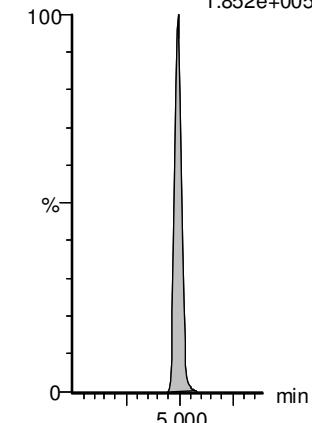
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Name: 210325M1_4, Date: 25-Mar-2021, Time: 13:17:00, ID: ST210325M1-1 PFC CS-2 21C0801, Description: PFC CS-2 21C0801**L-PFOS**F38:MRM of 2 channels,ES-
499 > 79.9
1.722e+003F38:MRM of 2 channels,ES-
499 > 99
5.590e+002**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
5.951e+003F48:MRM of 2 channels,ES-
530.9 > 82.9
7.338e+002**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
9.881e+003F42:MRM of 2 channels,ES-
513 > 219
9.486e+002**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
2.018e+003F46:MRM of 2 channels,ES-
527 > 80.9
1.278e+003**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
9.403e+002F50:MRM of 2 channels,ES-
548.9 > 99
6.010e+002**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
2.817e+003F53:MRM of 2 channels,ES-
570. > 512
5.017.159e+002**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.241e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.241e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.493e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
4.048e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.241e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
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1.852e+005

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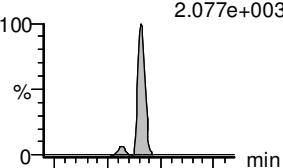
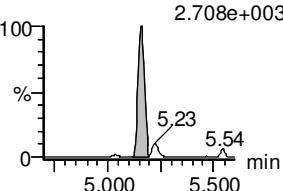
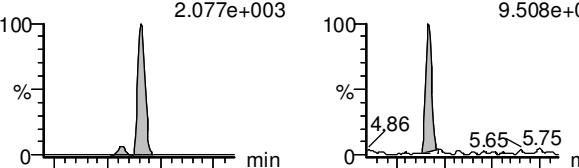
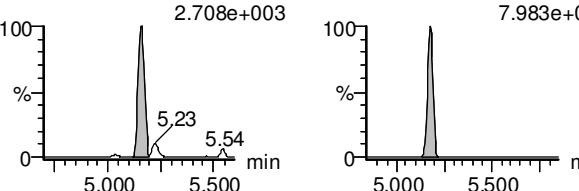
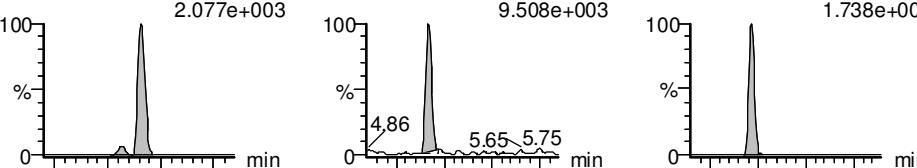
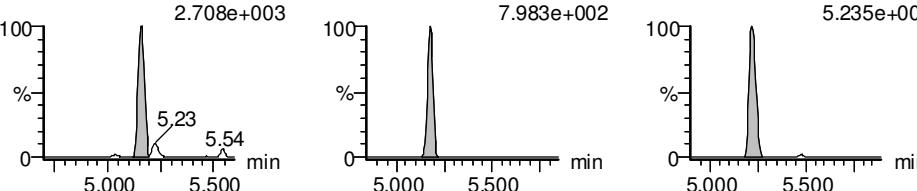
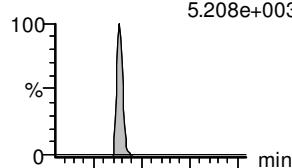
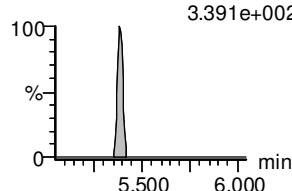
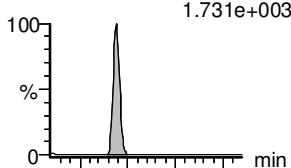
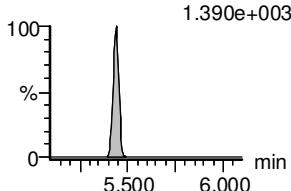
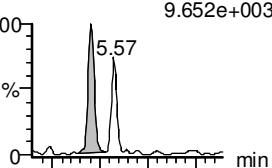
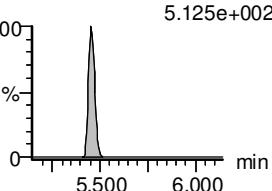
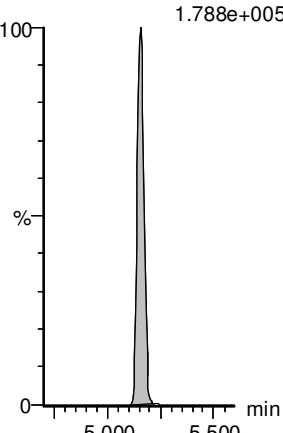
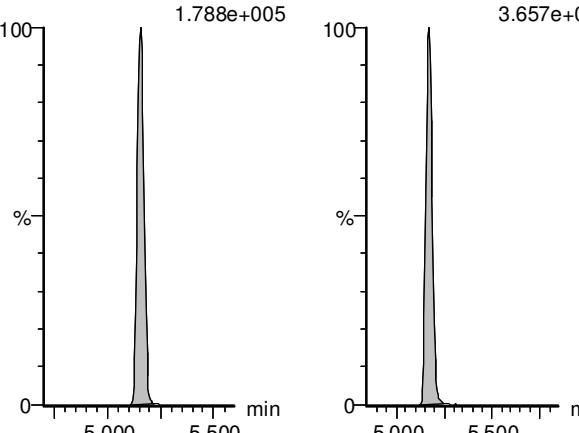
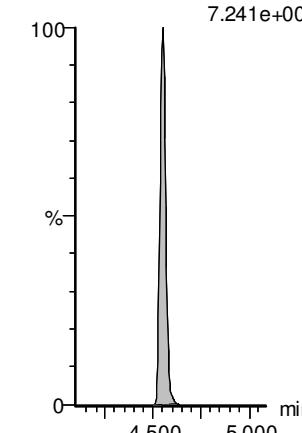
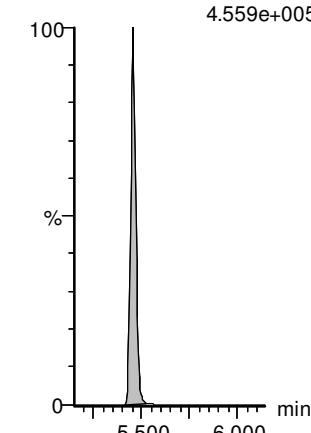
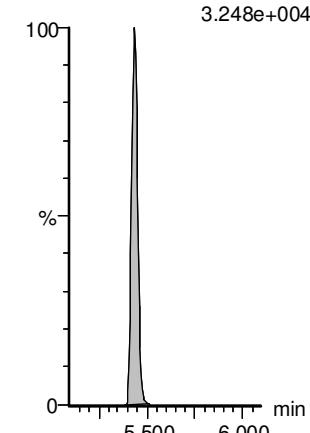
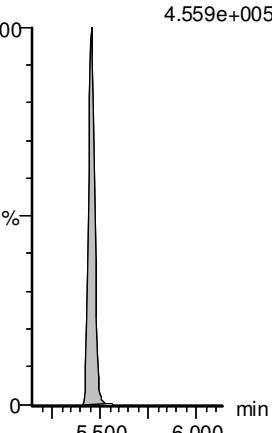
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Name: 210325M1_4, Date: 25-Mar-2021, Time: 13:17:00, ID: ST210325M1-1 PFC CS-2 21C0801, Description: PFC CS-2 21C0801

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
2.077e+003F55:MRM of 2 channels,ES-
584 > 526
2.708e+003**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
9.508e+003F51:MRM of 2 channels,ES-
563.0 > 269
7.983e+002**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
1.738e+003F57:MRM of 2 channels,ES-
599.0 > 99.0
5.235e+002**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
5.208e+003F64:MRM of 2 channels,ES-
630.9 > 83.
3.391e+002**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
1.731e+003F62:MRM of 2 channels,ES-
626.9 > 81
1.390e+003**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
9.652e+003F58:MRM of 2 channels,ES-
612.9 > 318.8
5.125e+002**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.788e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
3.657e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.241e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.559e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
3.248e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.559e+005

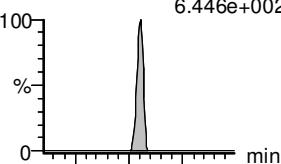
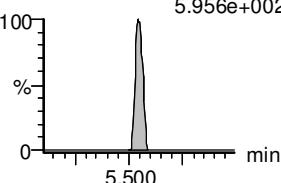
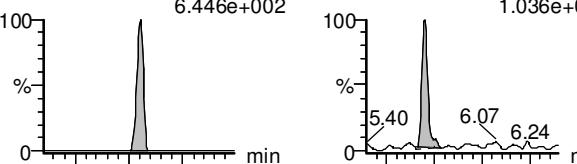
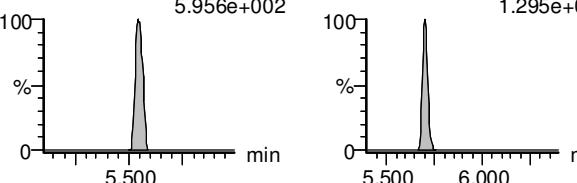
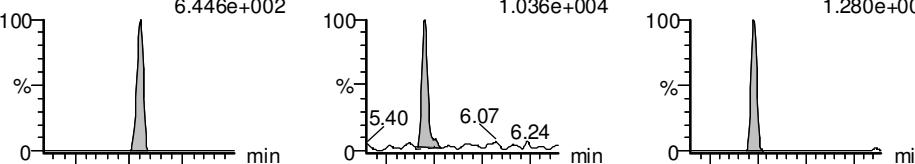
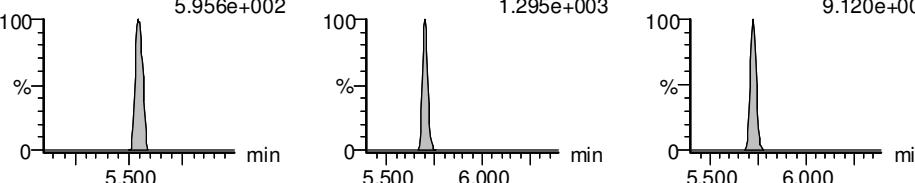
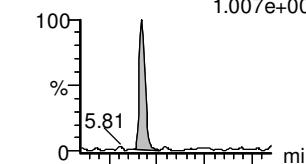
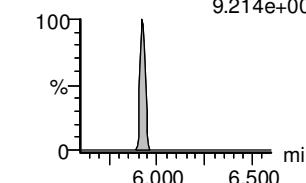
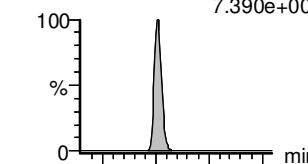
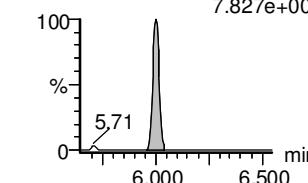
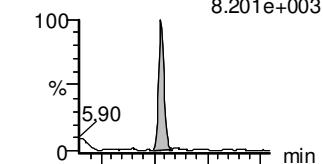
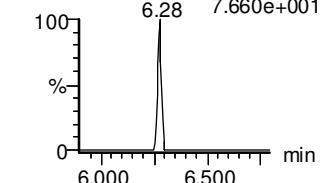
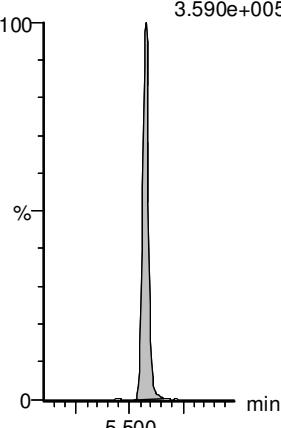
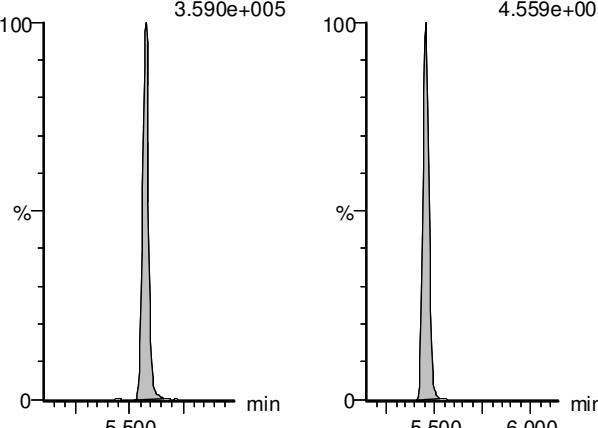
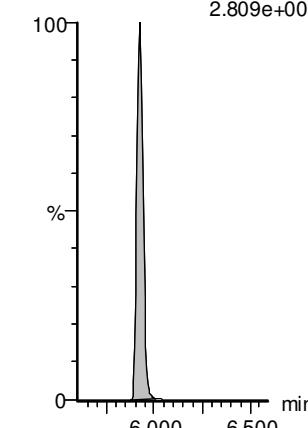
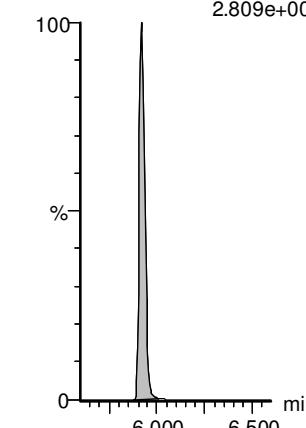
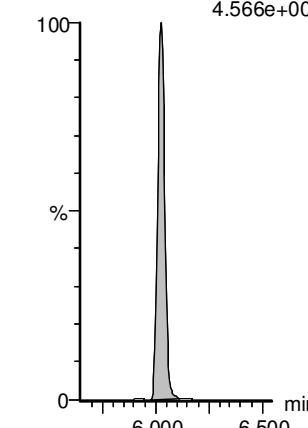
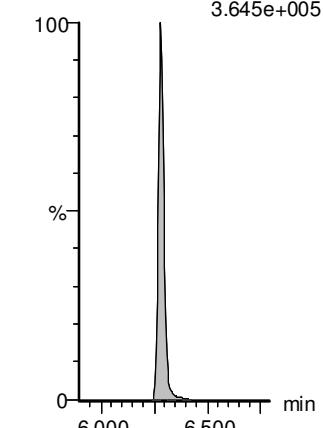
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Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

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Name: 210325M1_4, Date: 25-Mar-2021, Time: 13:17:00, ID: ST210325M1-1 PFC CS-2 21C0801, Description: PFC CS-2 21C0801**N-MeFOSA**F41:MRM of 2 channels,ES-
511.9 > 169
6.446e+002F41:MRM of 2 channels,ES-
511.9 > 219
5.956e+002**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
1.036e+004F67:MRM of 2 channels,ES-
662.9 > 319
1.295e+003**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
1.280e+003F68:MRM of 2 channels,ES-
698.9 > 99
9.120e+002**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
1.007e+004F69:MRM of 2 channels,ES-
713. > 369.0
9.214e+002**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
7.390e+002F45:MRM of 2 channels,ES-
526 > 219
7.827e+002**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
8.201e+003F71:MRM of 2 channels,ES-
813.1 > 219
7.660e+001**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.590e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.559e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.809e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.809e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 169.9
4.566e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.645e+005

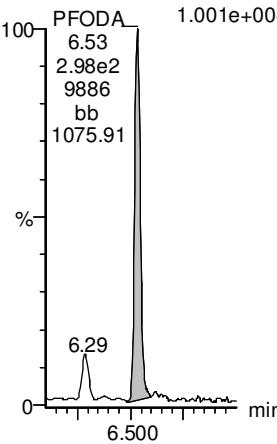
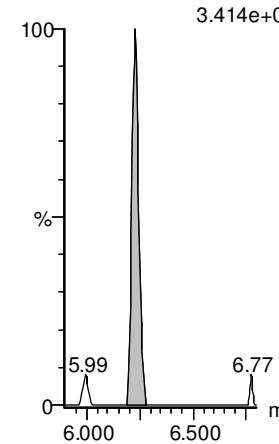
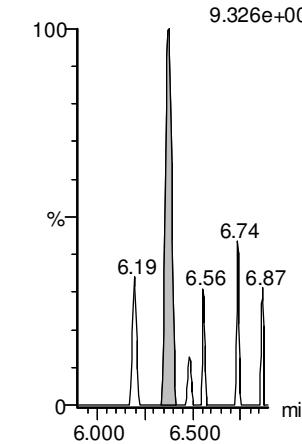
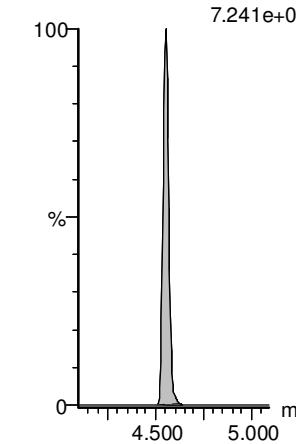
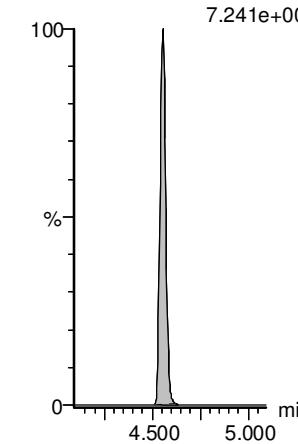
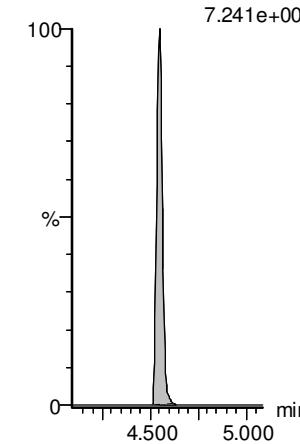
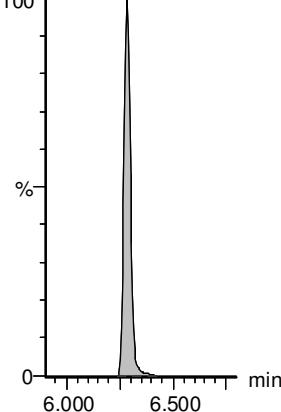
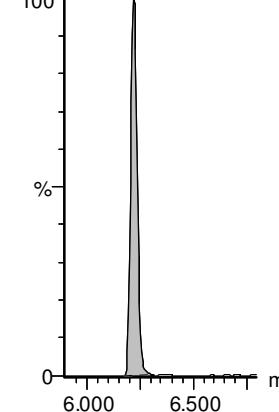
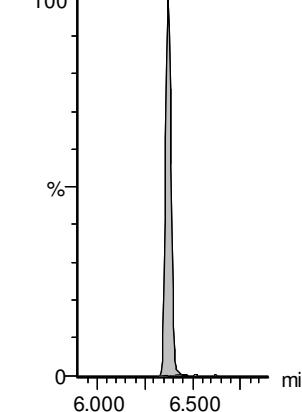
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Name: 210325M1_4, Date: 25-Mar-2021, Time: 13:17:00, ID: ST210325M1-1 PFC CS-2 21C0801, Description: PFC CS-2 21C0801**PFODA**F73:MRM of 1 channel,ES-
913 > 869**N-MeFOSE**F60:MRM of 1 channel,ES-
616 > 59**N-EtFOSE**F63:MRM of 1 channel,ES-
630.1 > 58.9**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C2-PFHxD-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.645e+005**d7-N-MeFOSE-EIS**F61:MRM of 1 channel,ES-
623.1 > 58.9
2.333e+005**d9-N-EtFOSE-EIS**F66:MRM of 1 channel,ES-
639.2 > 58.8
2.502e+005

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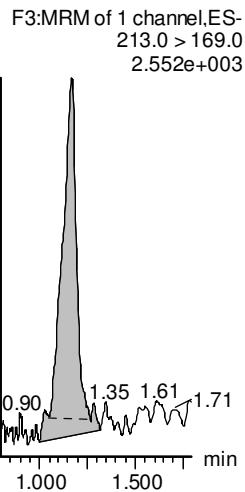
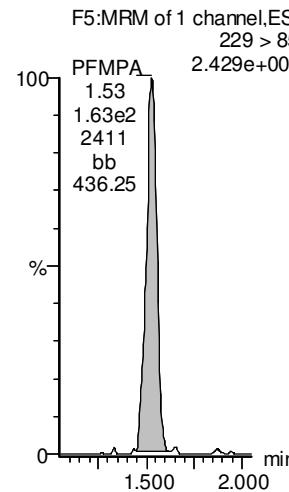
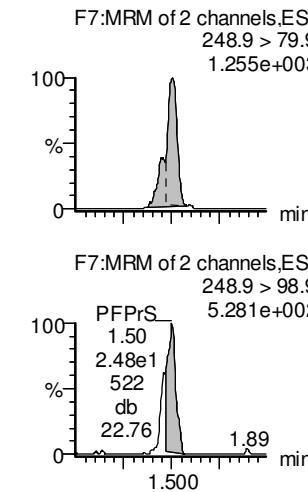
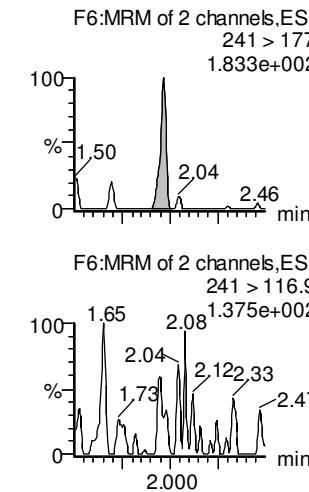
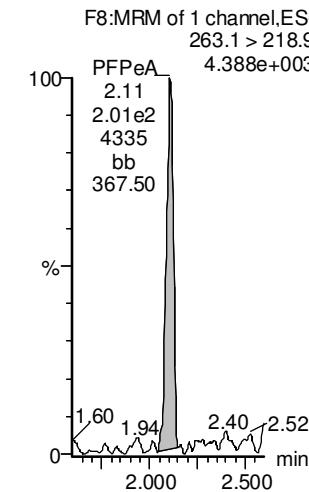
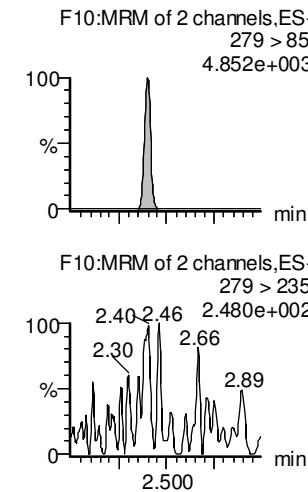
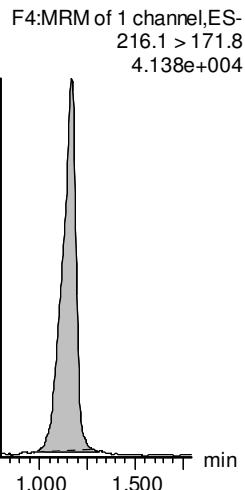
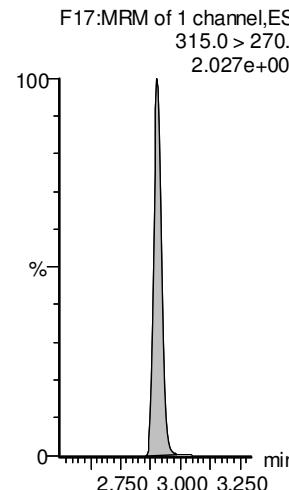
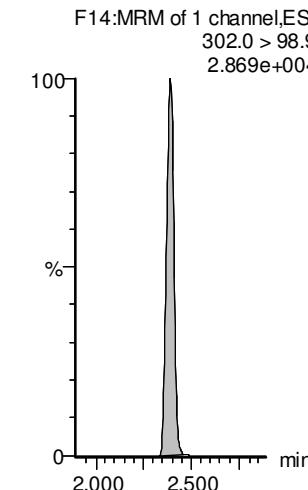
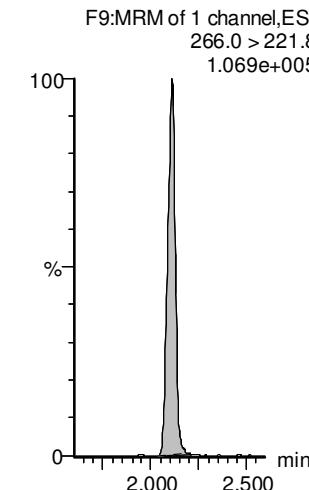
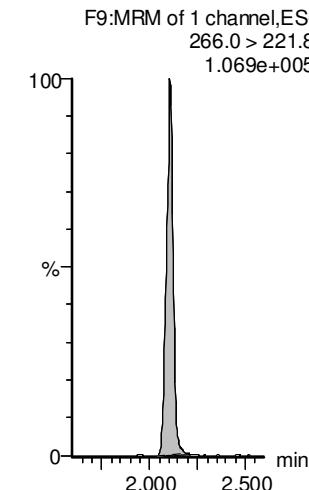
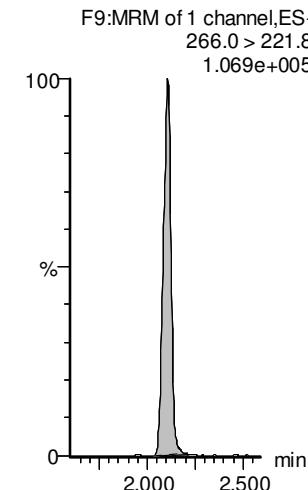
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Name: 210325M1_5, Date: 25-Mar-2021, Time: 13:27:41, ID: ST210325M1-2 PFC CS-1 21C0802, Description: PFC CS-1 21C0802

PFBA**PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

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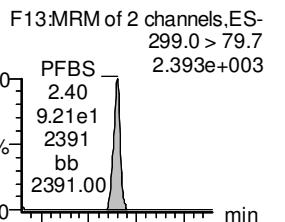
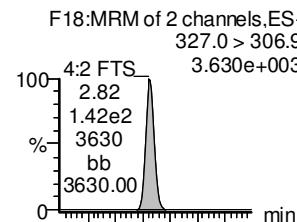
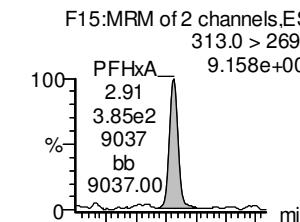
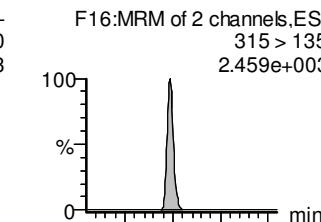
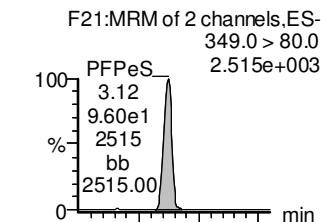
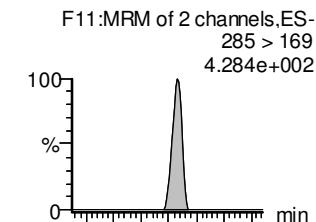
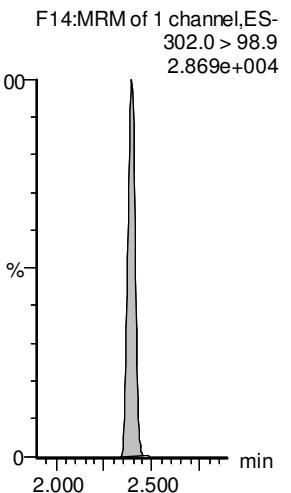
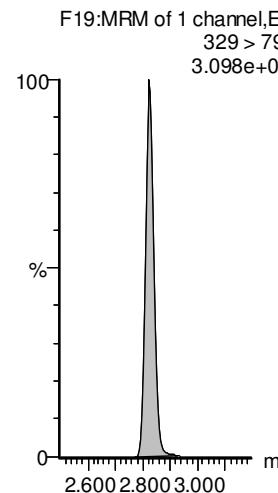
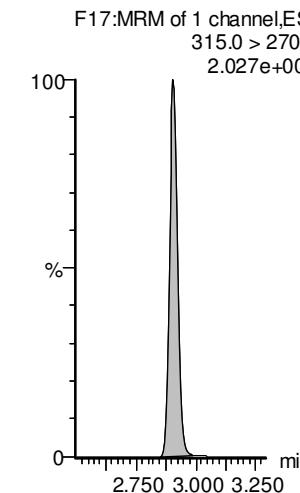
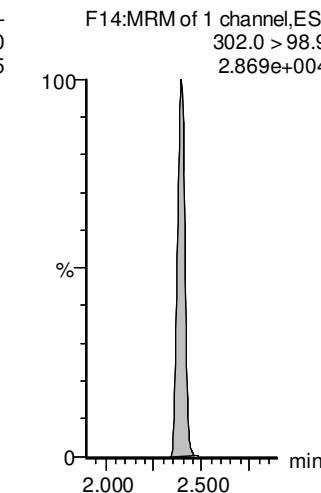
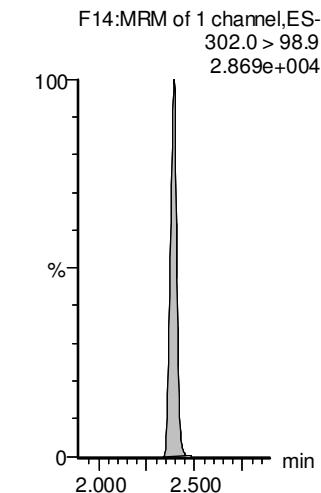
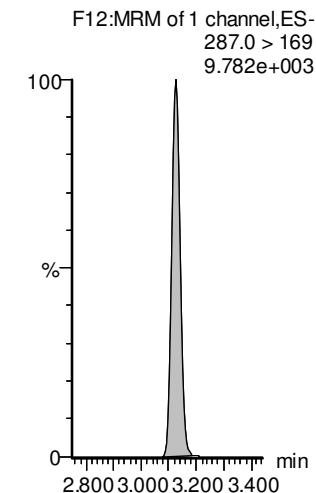
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Name: 210325M1_5, Date: 25-Mar-2021, Time: 13:27:41, ID: ST210325M1-2 PFC CS-1 21C0802, Description: PFC CS-1 21C0802

PFBS**4:2 FTS****PFHxA****PFEESA****PFPeS****HFPO-DA****13C3-PFBS-EIS****13C2-4:2 FTS-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFBS-EIS****13C3-HFPO-DA-EIS**

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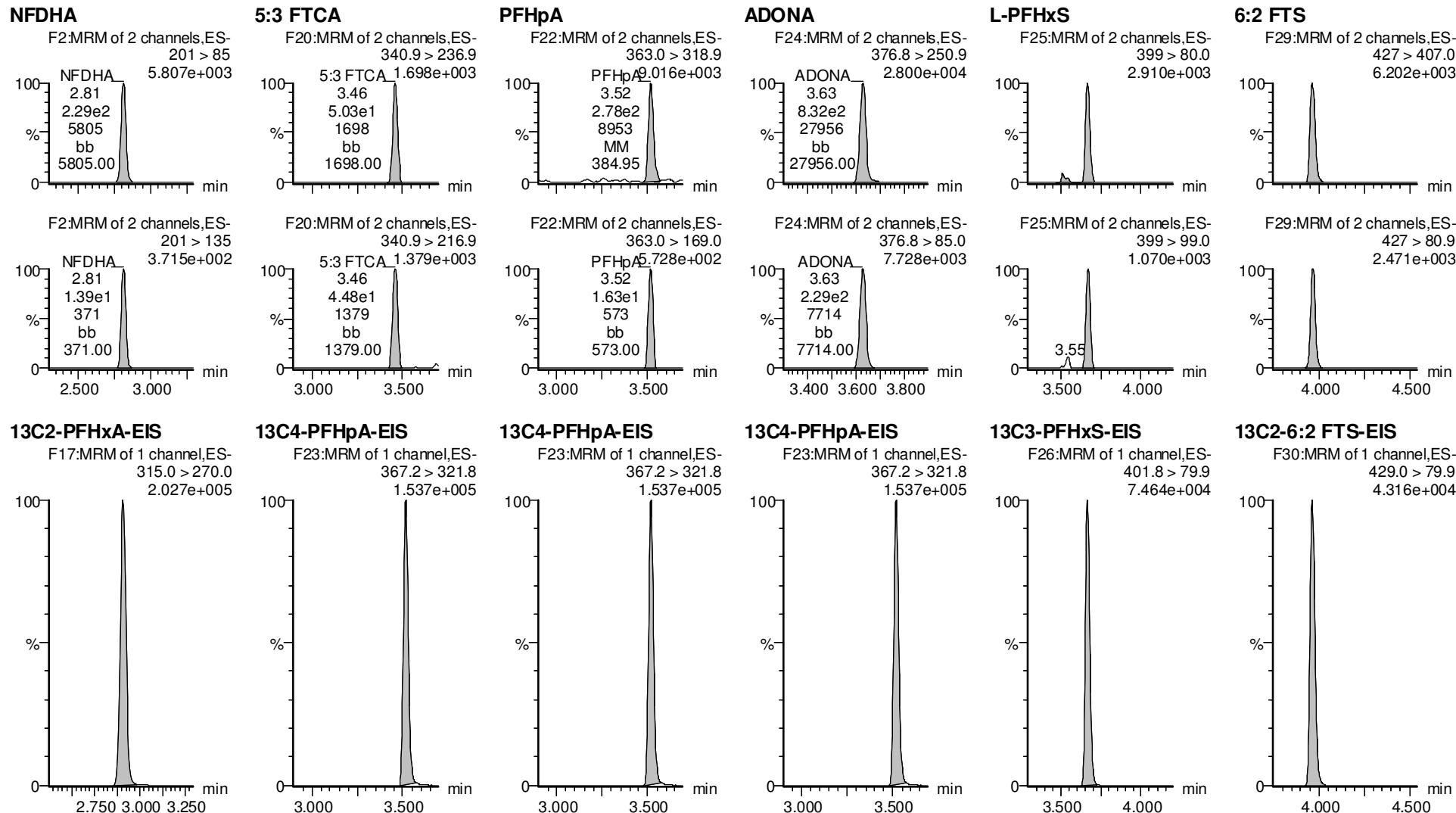
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Name: 210325M1_5, Date: 25-Mar-2021, Time: 13:27:41, ID: ST210325M1-2 PFC CS-1 21C0802, Description: PFC CS-1 21C0802



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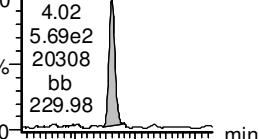
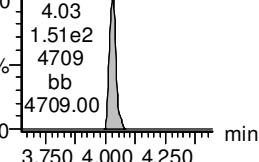
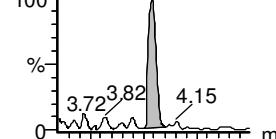
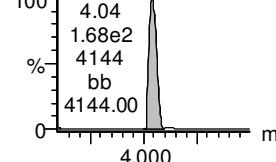
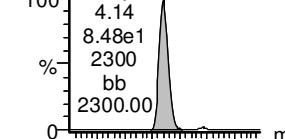
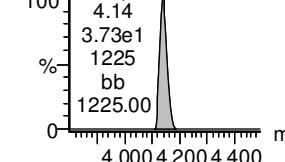
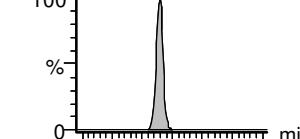
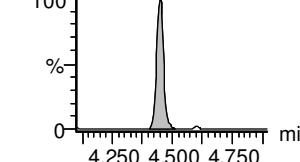
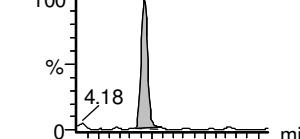
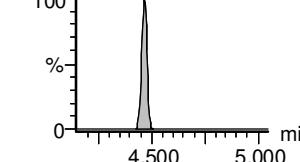
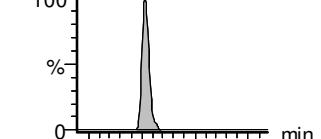
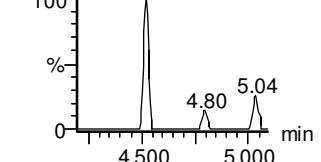
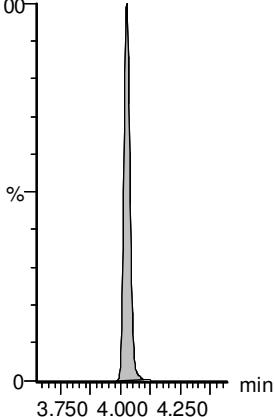
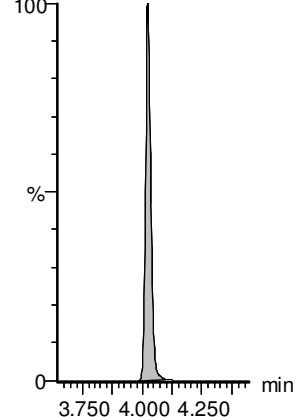
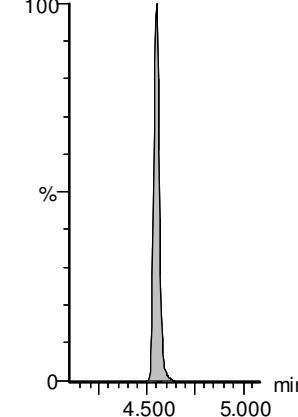
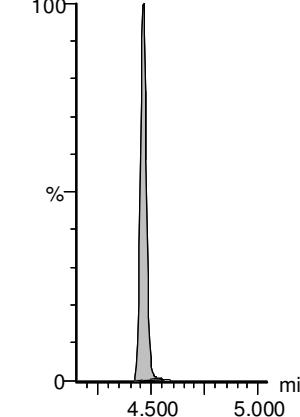
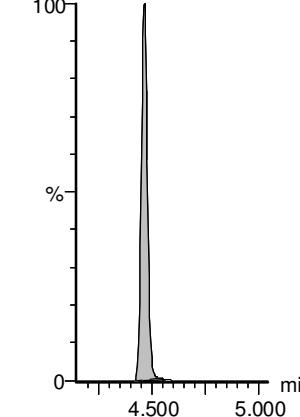
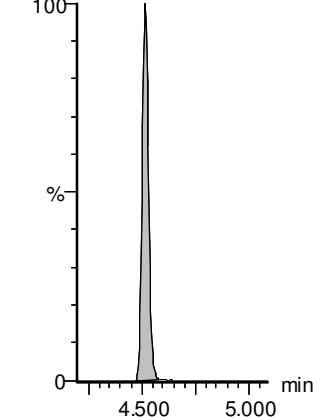
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Name: 210325M1_5, Date: 25-Mar-2021, Time: 13:27:41, ID: ST210325M1-2 PFC CS-1 21C0802, Description: PFC CS-1 21C0802

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9L-PFOA
4.02
5.69e2
20308
bb
229.98F27:MRM of 2 channels,ES-
412.8 > 169L-PFOA
4.03
1.51e2
4709
bb
4709.00**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0PFEChS
4.972e+003
3.723.82
4.15F33:MRM of 2 channels,ES-
460.8 > 98.9PFEchS
4.149e+003
4.04
1.68e2
4144
bb
4144.00**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0PFHpS
2.300e+003
4.14
8.48e1
2300
bb
2300.00F32:MRM of 2 channels,ES-
448.9 > 99.0PFHpS
1.225e+003
4.14
3.73e1
1225
bb
1225.00**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.07:3 FTCA
3.507e+003F31:MRM of 2 channels,ES-
441.0 > 317.07:3 FTCA
1.729e+003**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8PFNA
1.479e+004
4.18F34:MRM of 2 channels,ES-
463.0 > 219.0PFNA
3.083e+003**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0PFOSA
3.603e+003F36:MRM of 2 channels,ES-
498.0 > 169.0PFOSA
1.308e+002
4.52
4.80
5.04**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.713C2-PFOA-EIS
3.092e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.713C2-PFOA-EIS
3.092e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 8013C8-PFOS-EIS
7.807e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.913C5-PFNA-EIS
3.012e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.913C5-PFNA-EIS
3.012e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 7813C8-PFOSA-EIS
9.554e+004

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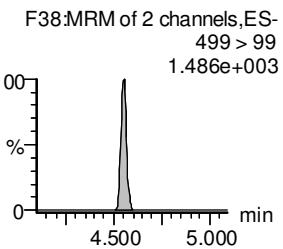
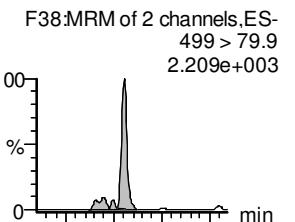
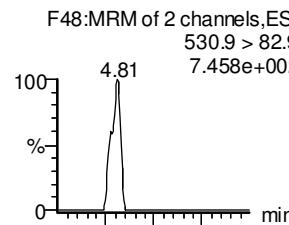
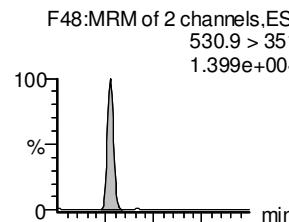
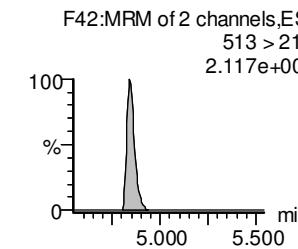
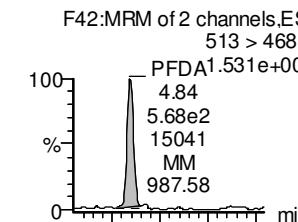
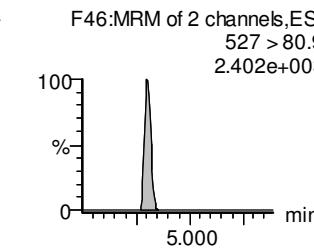
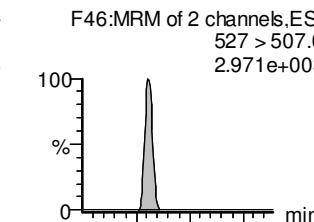
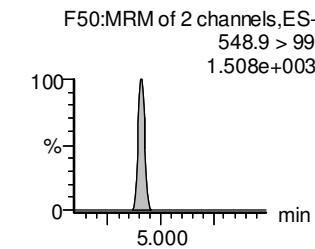
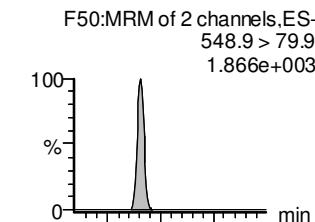
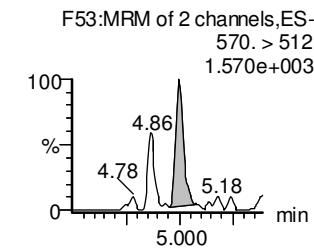
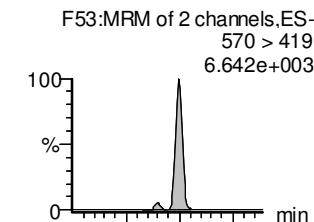
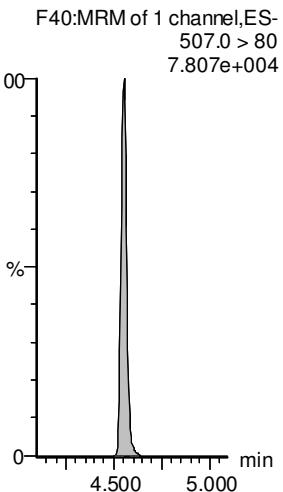
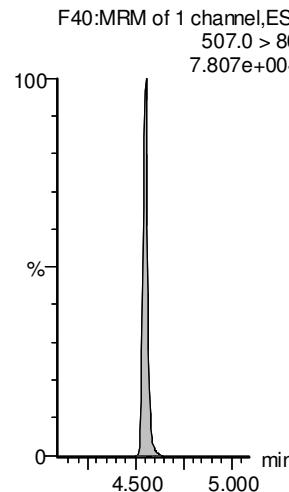
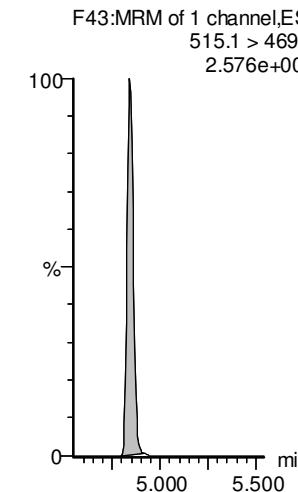
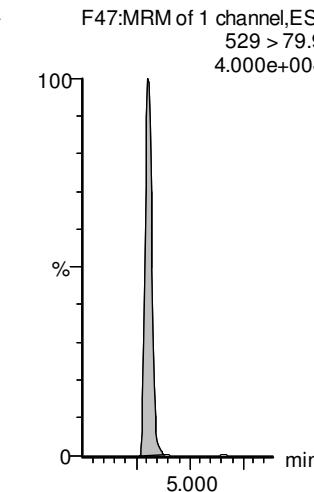
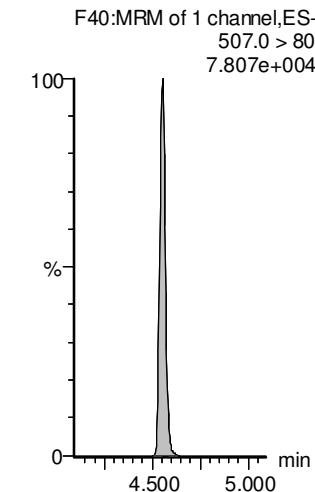
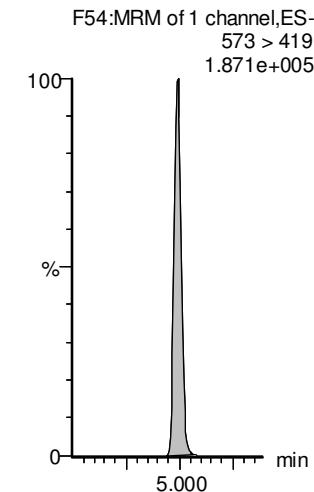
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Name: 210325M1_5, Date: 25-Mar-2021, Time: 13:27:41, ID: ST210325M1-2 PFC CS-1 21C0802, Description: PFC CS-1 21C0802

L-PFOS**9CI-PF30NS****PFDA****8:2 FTS****PFNS****L-MeFOSAA****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFDA-EIS****13C2-8:2 FTS-EIS****13C8-PFOS-EIS****d3-N-MeFOSAA-EIS**

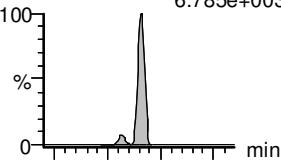
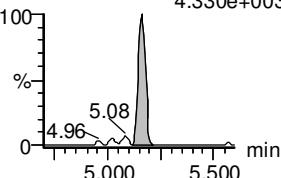
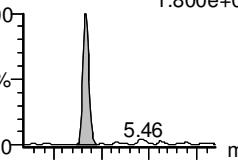
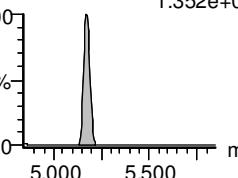
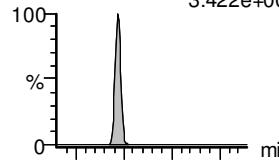
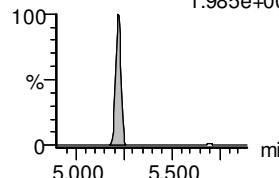
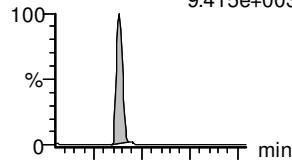
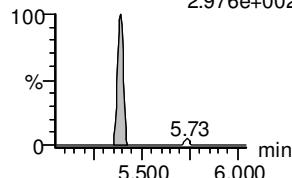
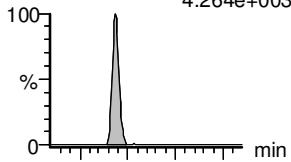
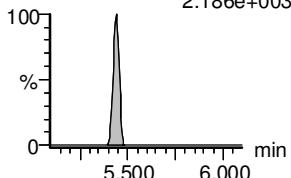
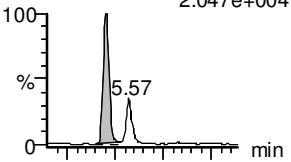
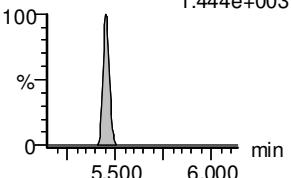
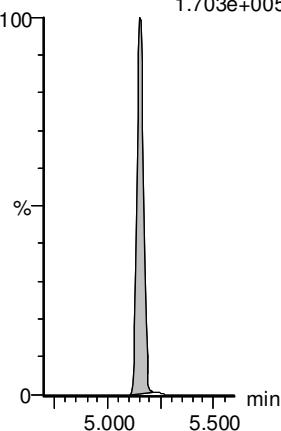
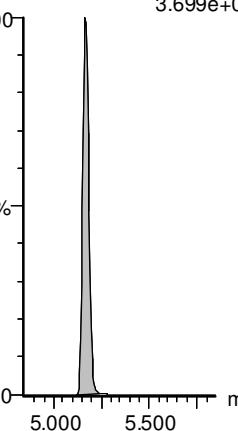
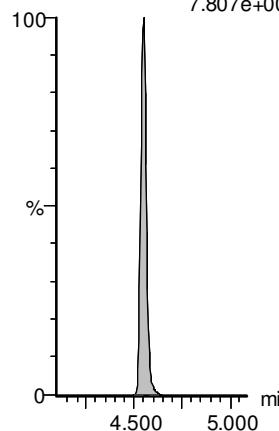
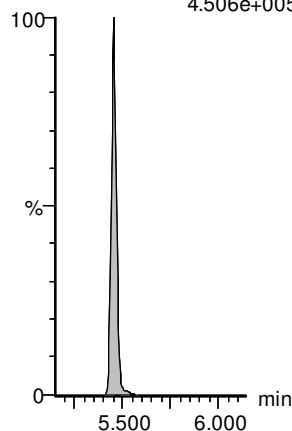
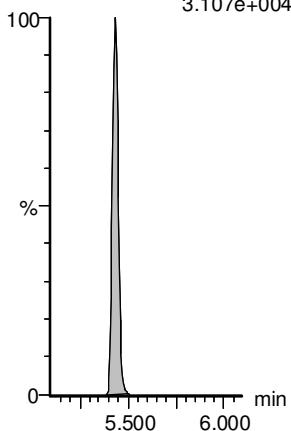
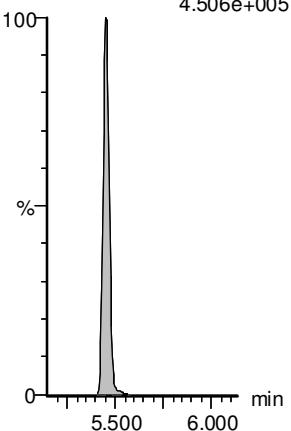
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Name: 210325M1_5, Date: 25-Mar-2021, Time: 13:27:41, ID: ST210325M1-2 PFC CS-1 21C0802, Description: PFC CS-1 21C0802**L-EtFOSAA**F55:MRM of 2 channels,ES-
584 > 419
6.785e+003F55:MRM of 2 channels,ES-
584 > 526
4.330e+003**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
1.800e+004F51:MRM of 2 channels,ES-
563.0 > 269
1.352e+003**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
3.422e+003F57:MRM of 2 channels,ES-
599.0 > 99.0
1.985e+003**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
9.415e+003F64:MRM of 2 channels,ES-
630.9 > 83.
2.976e+002**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
4.264e+003F62:MRM of 2 channels,ES-
626.9 > 81
2.186e+003**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
2.047e+004F58:MRM of 2 channels,ES-
612.9 > 318.8
1.444e+003**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.703e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
3.699e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.807e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.506e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
3.107e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.506e+005

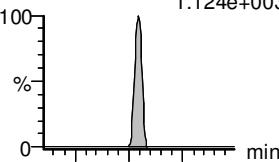
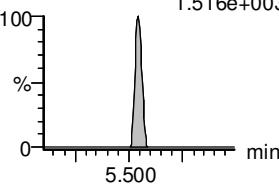
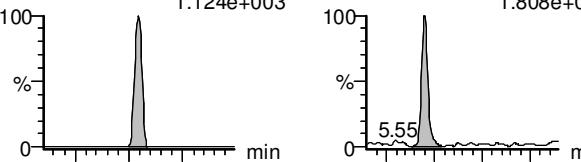
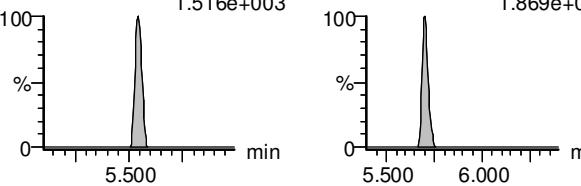
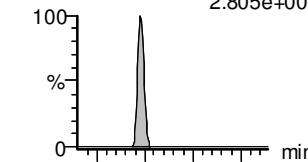
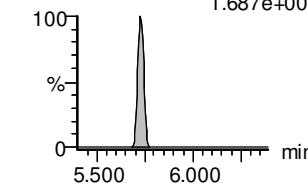
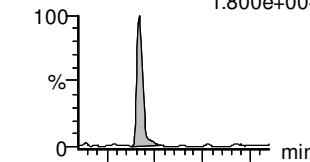
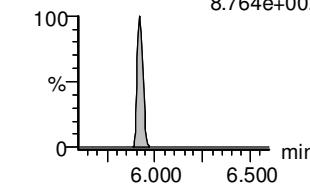
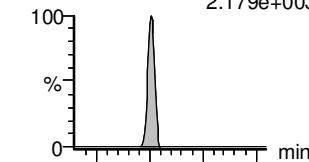
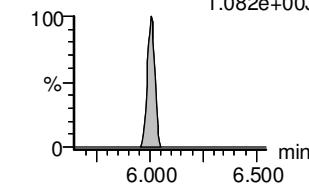
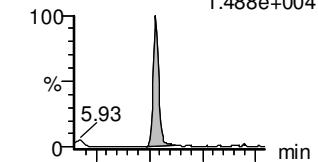
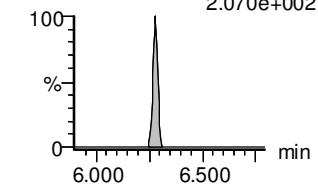
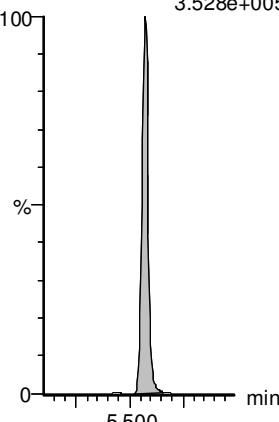
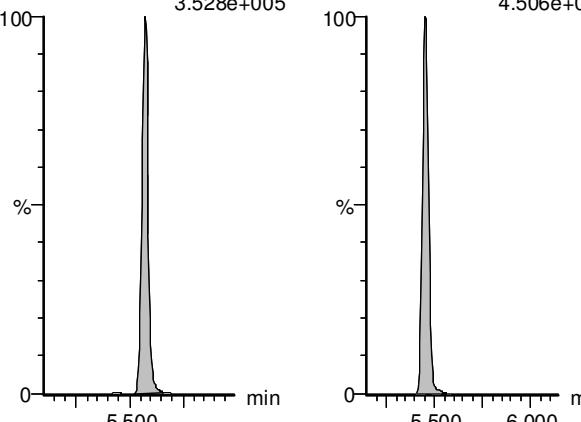
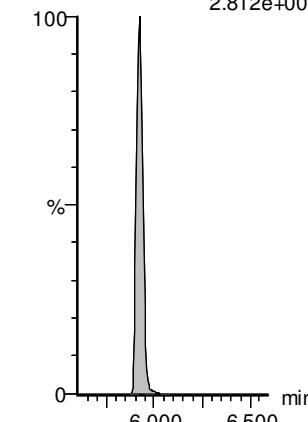
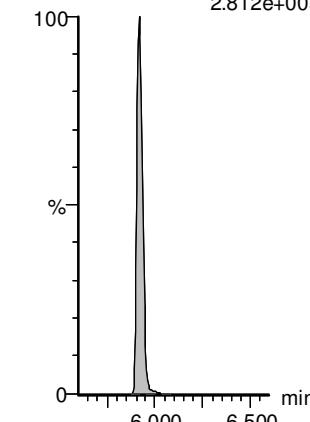
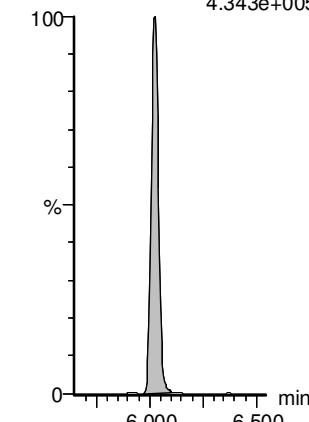
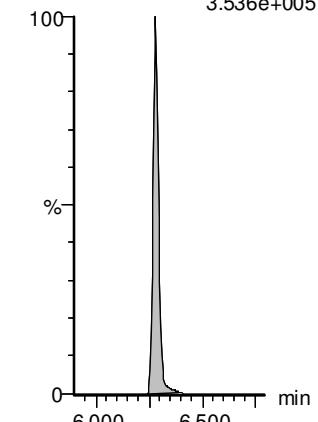
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Name: 210325M1_5, Date: 25-Mar-2021, Time: 13:27:41, ID: ST210325M1-2 PFC CS-1 21C0802, Description: PFC CS-1 21C0802**N-MeFOSA**F41:MRM of 2 channels,ES-
511.9 > 169
1.124e+003F41:MRM of 2 channels,ES-
511.9 > 219
1.516e+003**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
1.808e+004F67:MRM of 2 channels,ES-
662.9 > 319
1.869e+003**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
2.805e+003F68:MRM of 2 channels,ES-
698.9 > 99
1.687e+003**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
1.800e+004F69:MRM of 2 channels,ES-
713. > 369.0
8.764e+002**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
2.179e+003F45:MRM of 2 channels,ES-
526 > 219
1.082e+003**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
1.488e+004F71:MRM of 2 channels,ES-
813.1 > 219
2.070e+002**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.528e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.506e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.812e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.812e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.343e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.536e+005

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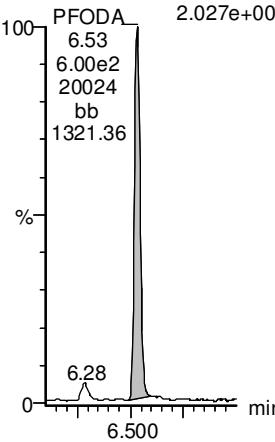
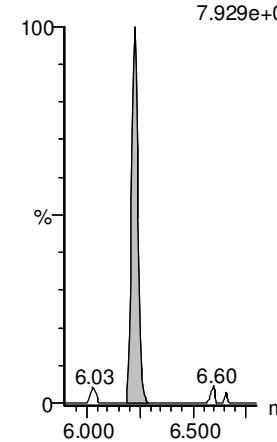
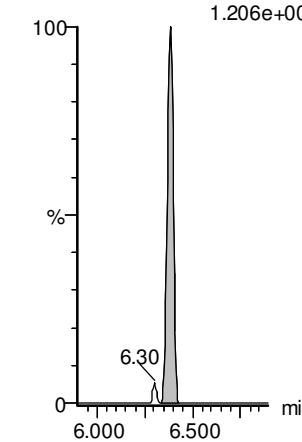
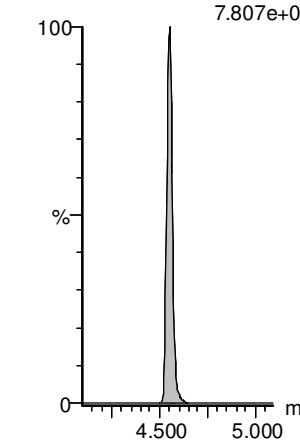
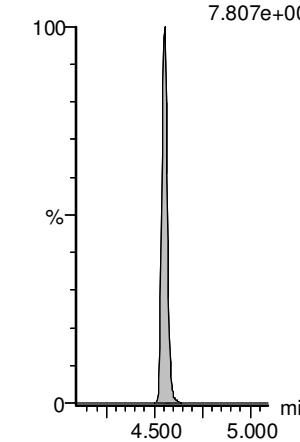
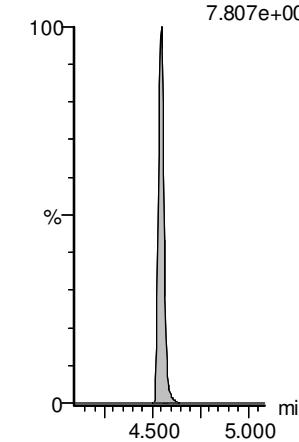
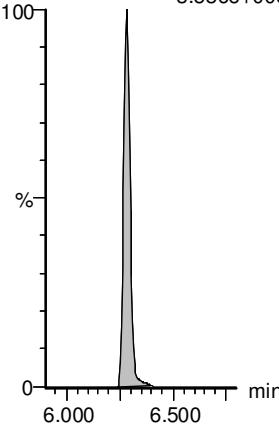
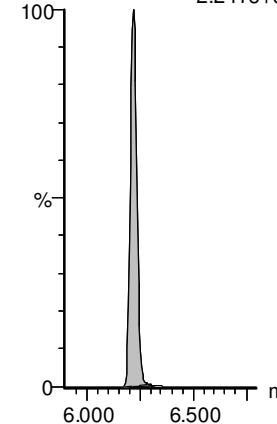
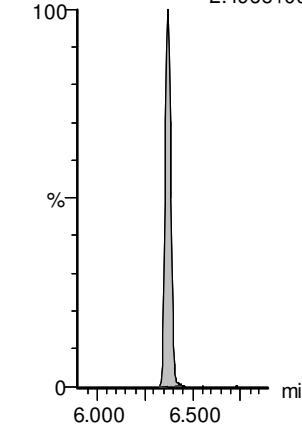
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Name: 210325M1_5, Date: 25-Mar-2021, Time: 13:27:41, ID: ST210325M1-2 PFC CS-1 21C0802, Description: PFC CS-1 21C0802

PFODAF73:MRM of 1 channel,ES-
913 > 869**N-MeFOSE**F60:MRM of 1 channel,ES-
616 > 59**N-EtFOSE**F63:MRM of 1 channel,ES-
630.1 > 58.9**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C2-PFHxD-DA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.536e+005**d7-N-MeFOSE-EIS**F61:MRM of 1 channel,ES-
623.1 > 58.9
2.241e+005**d9-N-EtFOSE-EIS**F66:MRM of 1 channel,ES-
639.2 > 58.8
2.496e+005

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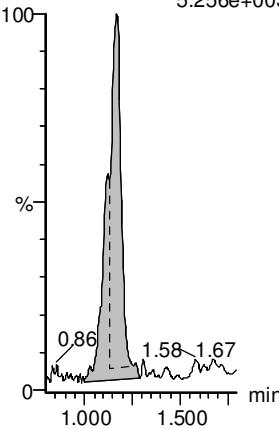
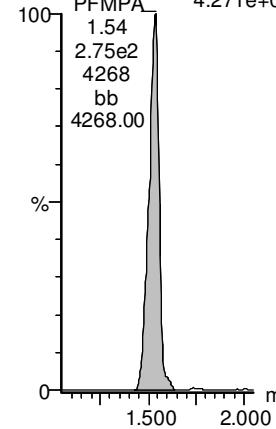
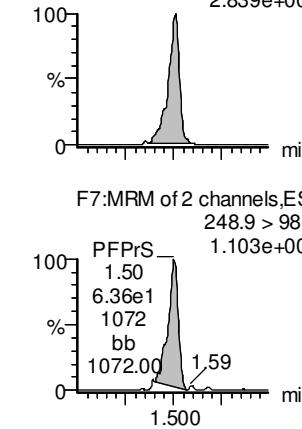
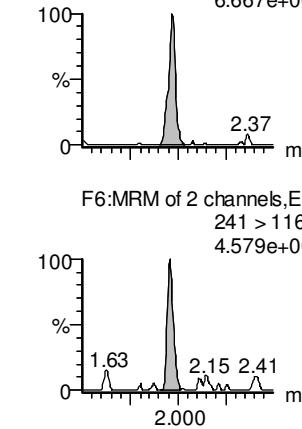
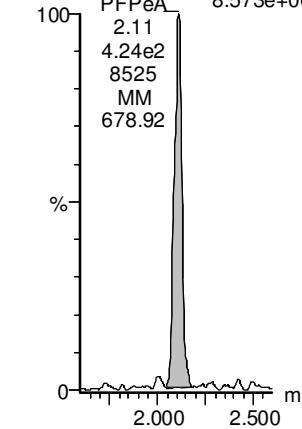
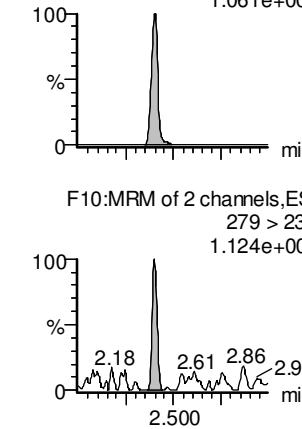
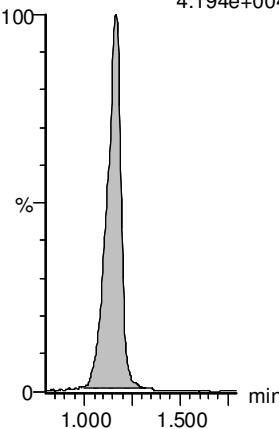
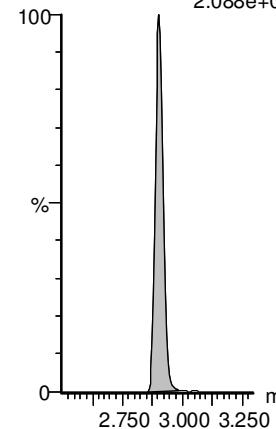
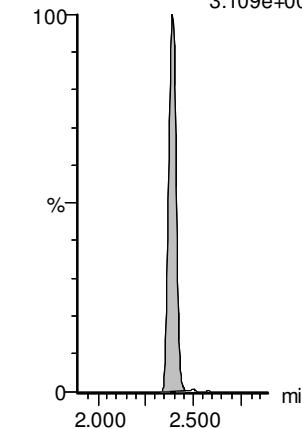
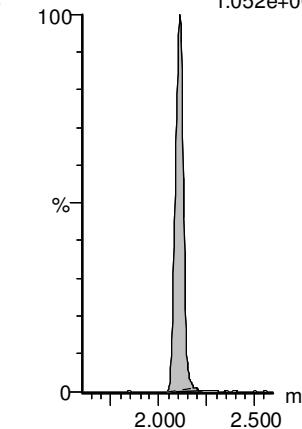
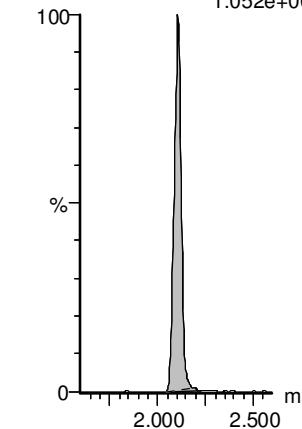
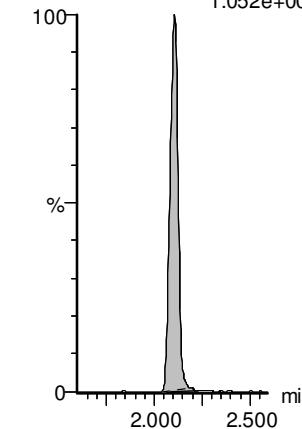
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Name: 210325M1_6, Date: 25-Mar-2021, Time: 13:38:01, ID: ST210325M1-3 PFC CS0 21C0803, Description: PFC CS0 21C0803

PFBAF3:MRM of 1 channel,ES-
213.0 > 169.0
5.256e+003**PFMPA**F5:MRM of 1 channel,ES-
229 > 85
4.271e+003**PFPrS**F7:MRM of 2 channels,ES-
248.9 > 79.9
2.839e+003**3:3 FTCA**F6:MRM of 2 channels,ES-
241 > 177
6.667e+002**PFPeA**F8:MRM of 1 channel,ES-
263.1 > 218.9
8.573e+003**PFMBA**F10:MRM of 2 channels,ES-
279 > 85
1.061e+004**13C3-PFBA-EIS**F4:MRM of 1 channel,ES-
216.1 > 171.8
4.194e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
2.088e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
3.109e+004**13C3-PFPeA-EIS**F9:MRM of 1 channel,ES-
266.0 > 221.8
1.052e+005**13C3-PFPeA-EIS**F9:MRM of 1 channel,ES-
266.0 > 221.8
1.052e+005**13C3-PFPeA-EIS**F9:MRM of 1 channel,ES-
266.0 > 221.8
1.052e+005

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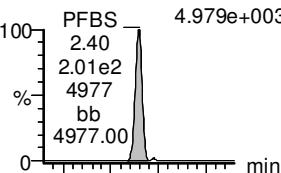
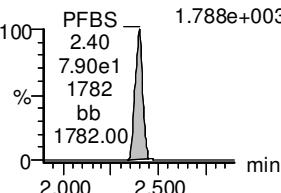
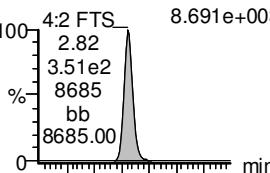
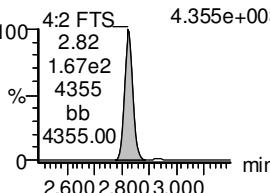
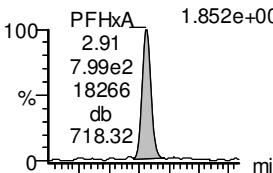
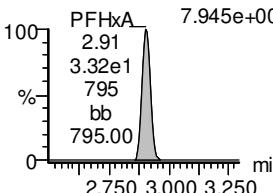
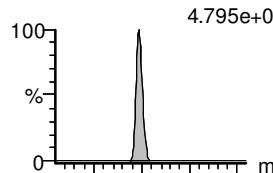
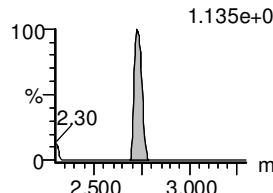
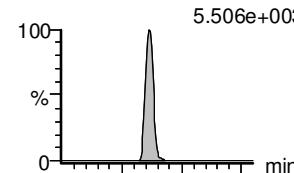
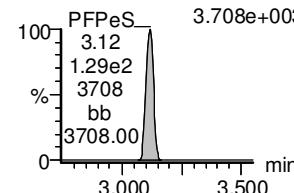
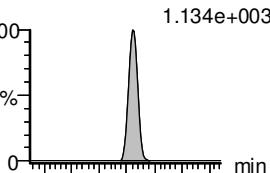
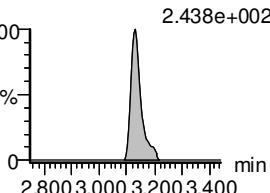
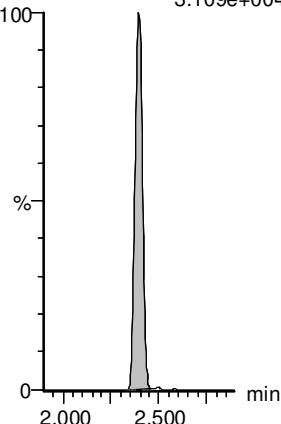
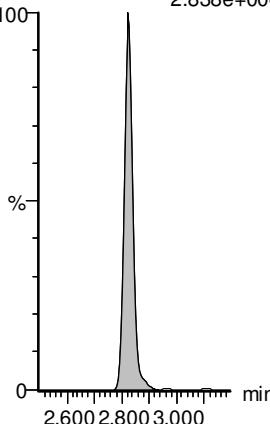
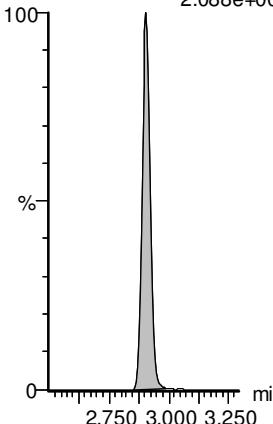
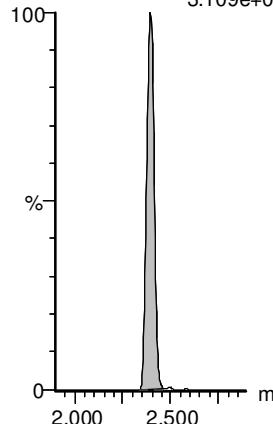
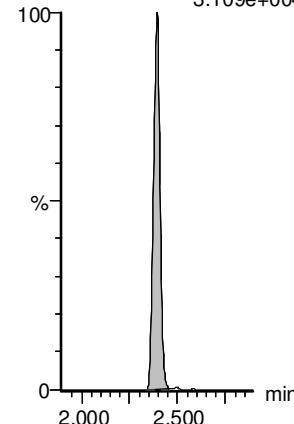
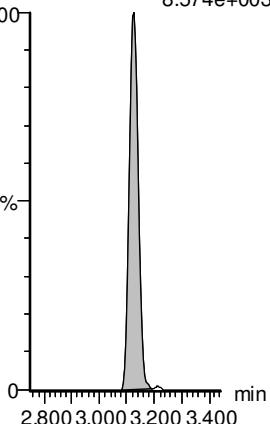
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Name: 210325M1_6, Date: 25-Mar-2021, Time: 13:38:01, ID: ST210325M1-3 PFC CS0 21C0803, Description: PFC CS0 21C0803

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
4.979e+003F13:MRM of 2 channels,ES-
299.0 > 99.0
1.788e+003**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
8.691e+003F18:MRM of 2 channels,ES-
327.0 > 80.9
4.355e+003**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
1.852e+004F15:MRM of 2 channels,ES-
313 > 118.9
7.945e+002**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
4.795e+003F16:MRM of 2 channels,ES-
315 > 83
1.135e+003**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
5.506e+003F21:MRM of 2 channels,ES-
349.0 > 99.0
3.708e+003**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
1.134e+003F11:MRM of 2 channels,ES-
285 > 185.0
2.438e+002**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
3.109e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.838e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
2.088e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
3.109e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
3.109e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
8.574e+003

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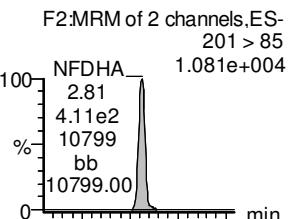
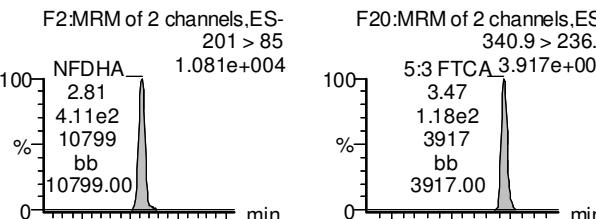
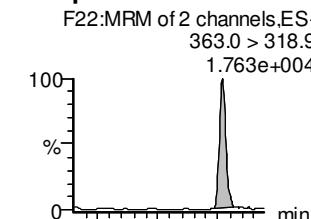
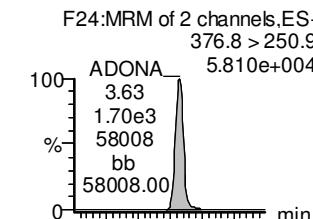
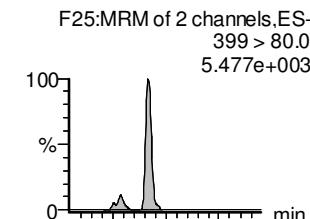
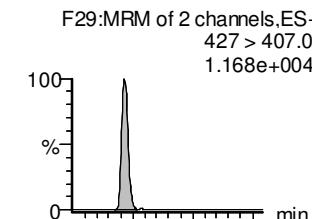
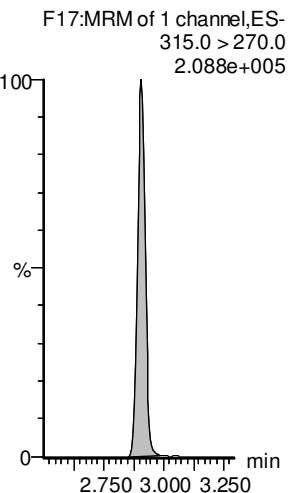
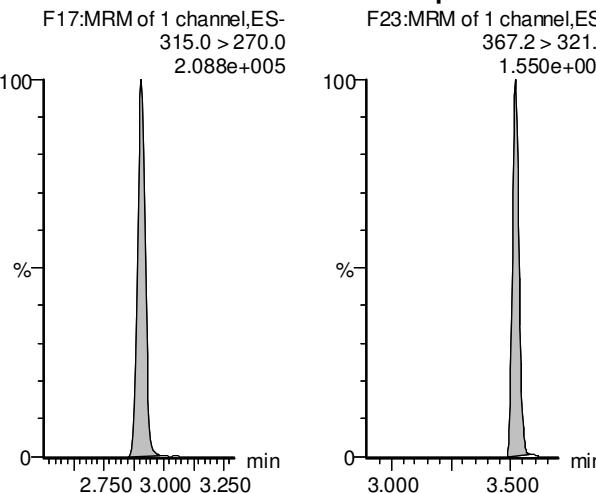
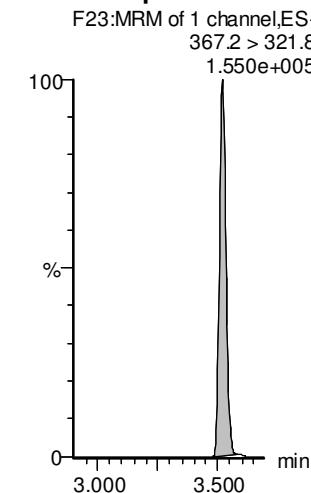
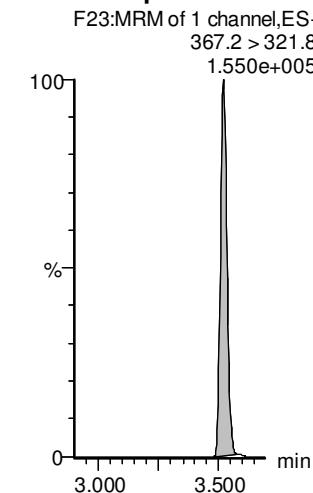
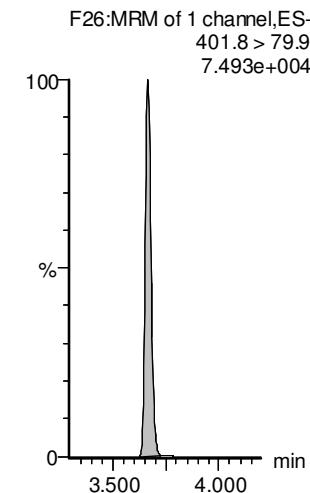
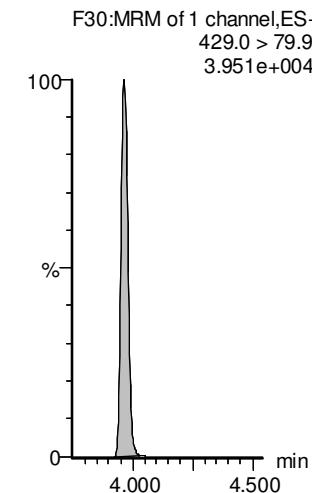
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Name: 210325M1_6, Date: 25-Mar-2021, Time: 13:38:01, ID: ST210325M1-3 PFC CS0 21C0803, Description: PFC CS0 21C0803

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFhxS****6:2 FTS****13C2-PFhxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFhxS-EIS****13C2-6:2 FTS-EIS**

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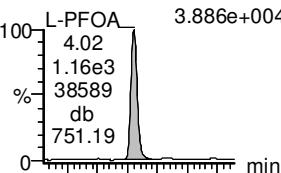
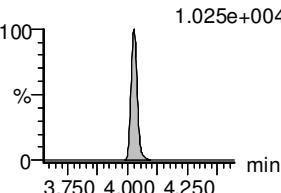
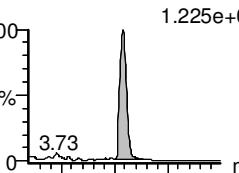
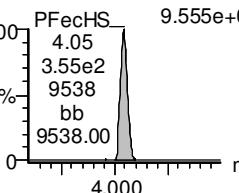
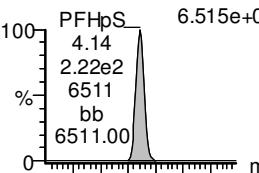
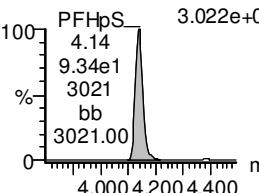
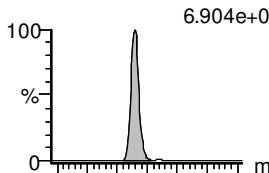
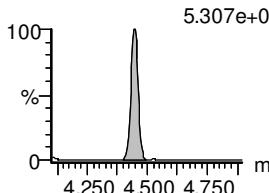
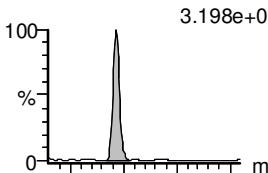
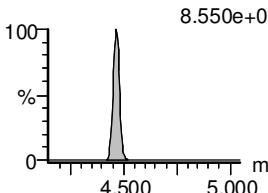
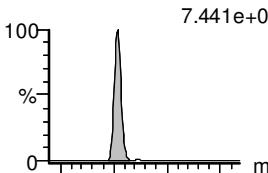
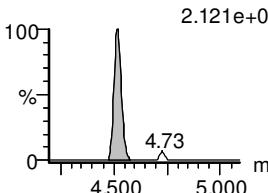
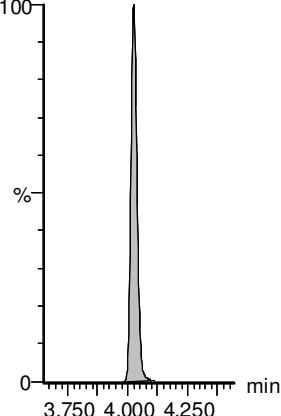
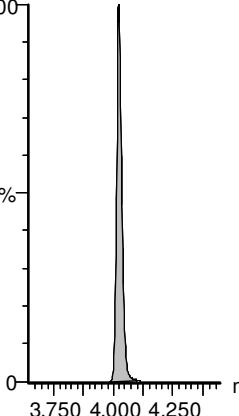
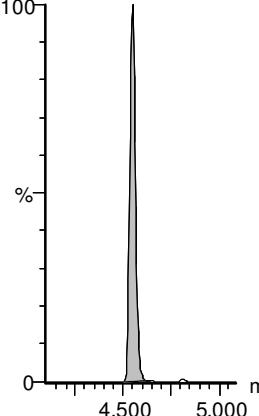
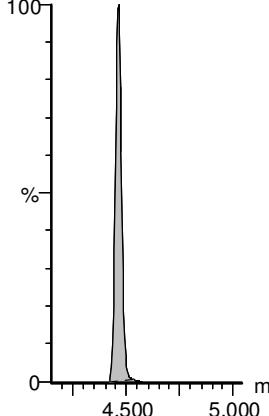
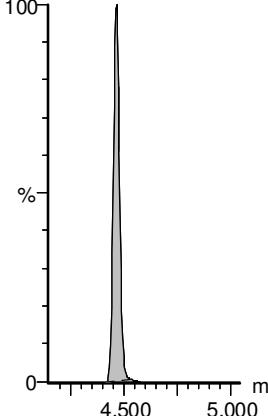
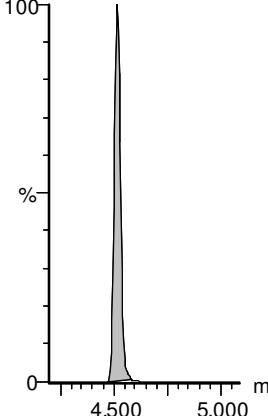
Dataset: F:\Projects\PFAS.PRO\Results\210325M1\210325M1-CRV.qld

Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

OPV 3/26/2021

Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_6, Date: 25-Mar-2021, Time: 13:38:01, ID: ST210325M1-3 PFC CS0 21C0803, Description: PFC CS0 21C0803

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
3.886e+004F27:MRM of 2 channels,ES-
412.8 > 169
1.025e+004**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0
1.225e+004F33:MRM of 2 channels,ES-
460.8 > 98.9
9.555e+003**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
6.515e+003F32:MRM of 2 channels,ES-
448.9 > 99.0
3.022e+003**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0
6.904e+003F31:MRM of 2 channels,ES-
441.0 > 317.0
5.307e+003**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
3.198e+004F34:MRM of 2 channels,ES-
463.0 > 219.0
8.550e+003**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
7.441e+003F36:MRM of 2 channels,ES-
498.0 > 169.0
2.121e+002**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
3.231e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
3.231e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.932e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
3.028e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
3.028e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
9.703e+004

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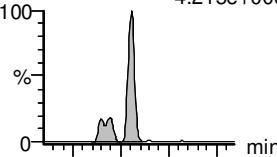
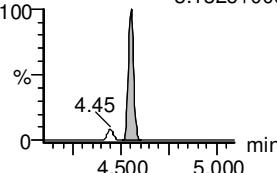
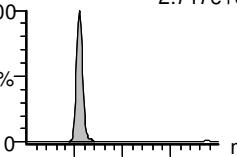
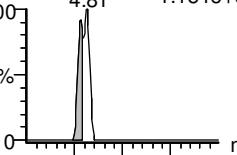
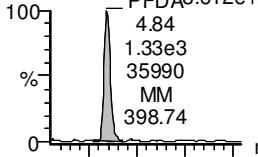
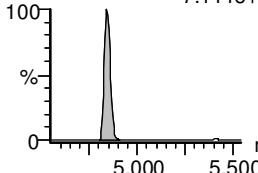
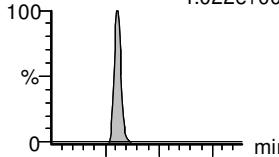
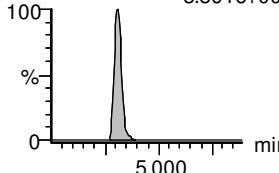
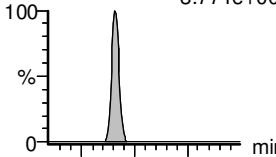
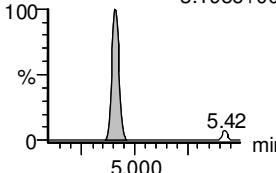
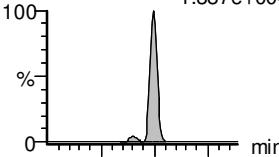
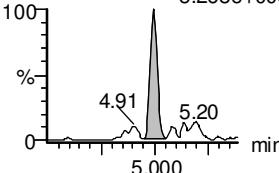
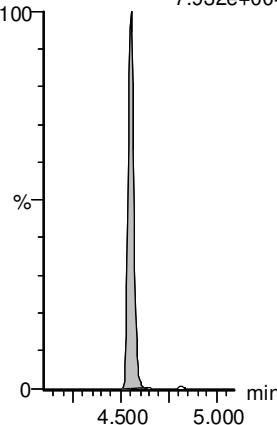
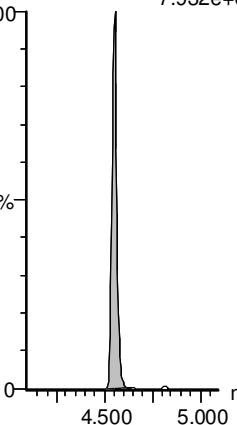
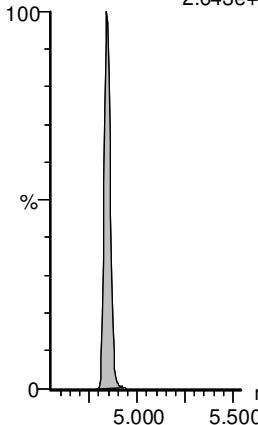
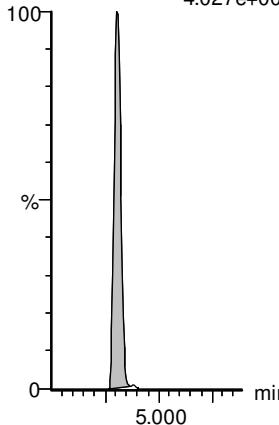
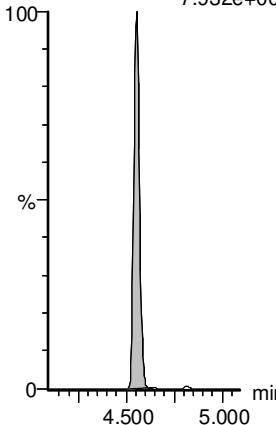
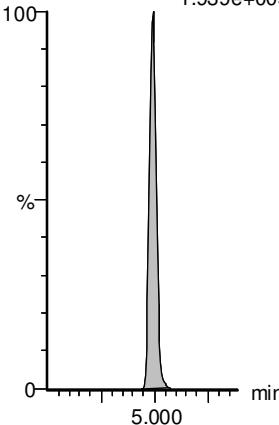
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_6, Date: 25-Mar-2021, Time: 13:38:01, ID: ST210325M1-3 PFC CS0 21C0803, Description: PFC CS0 21C0803

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
4.215e+003F38:MRM of 2 channels,ES-
499 > 99
3.132e+003**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
2.717e+004F48:MRM of 2 channels,ES-
530.9 > 82.9
1.154e+003**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
4.84
1.33e3
35990
MM
398.74F42:MRM of 2 channels,ES-
513 > 219
7.144e+003**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
1.022e+004F46:MRM of 2 channels,ES-
527 > 80.9
3.891e+003**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
3.771e+003F50:MRM of 2 channels,ES-
548.9 > 99
3.195e+003**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
1.387e+004F53:MRM of 2 channels,ES-
570. > 512
5.268e+003**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.932e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.932e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.643e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
4.027e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.932e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.939e+005

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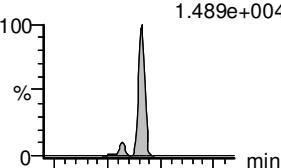
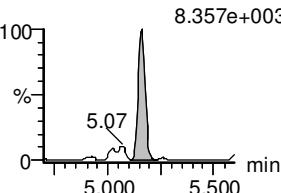
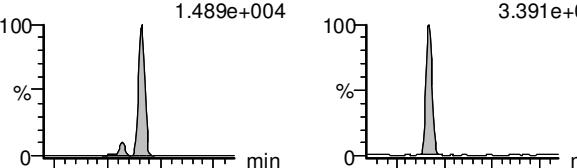
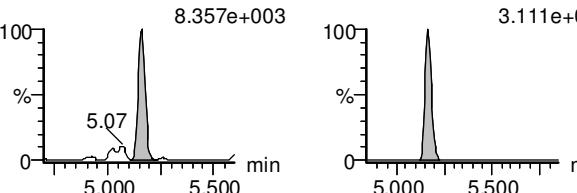
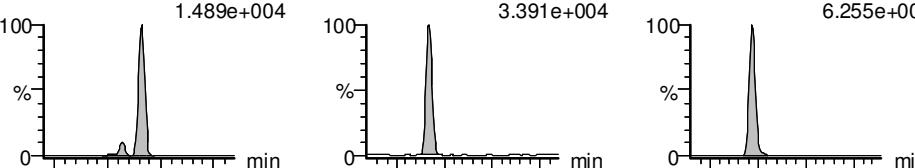
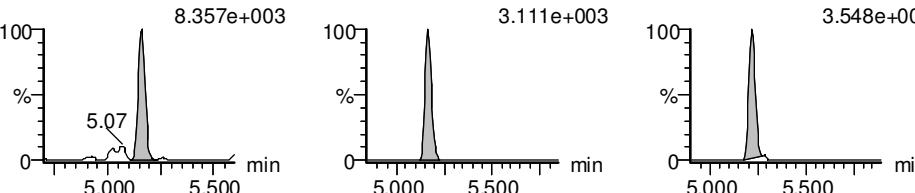
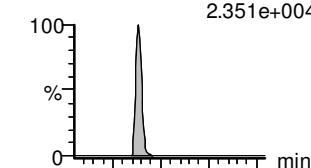
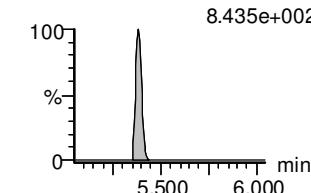
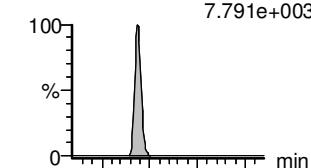
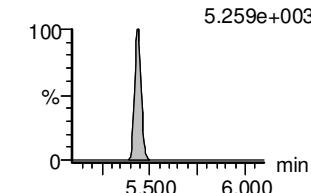
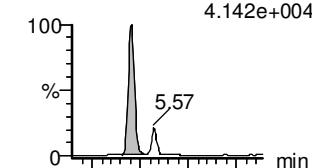
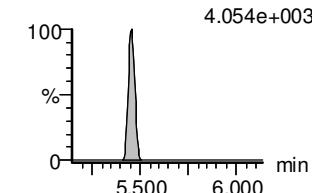
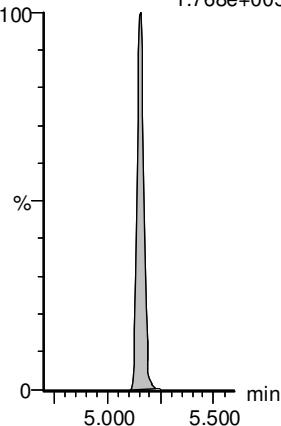
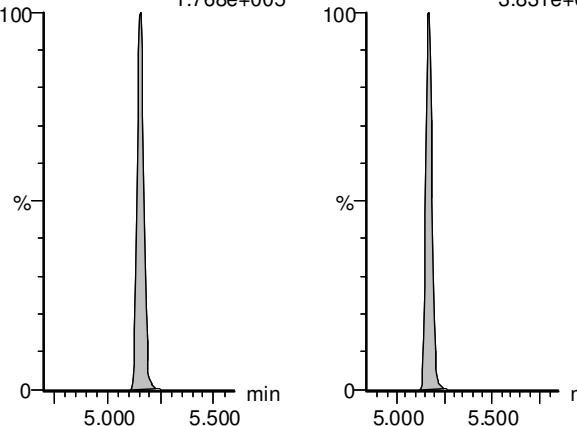
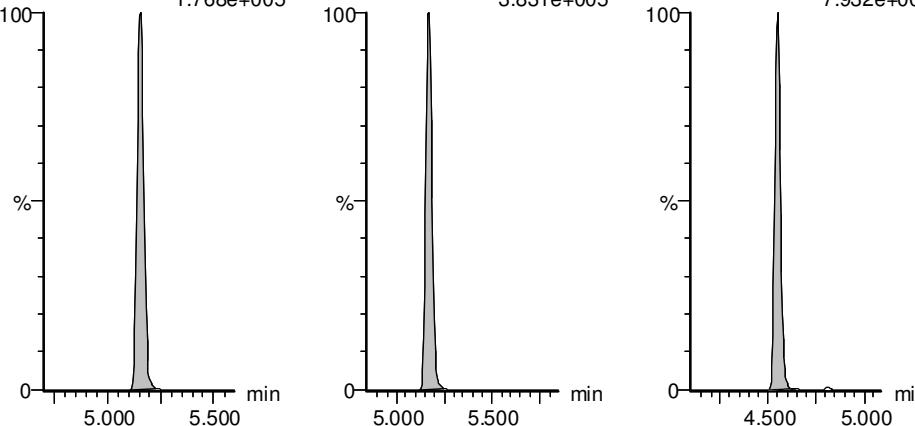
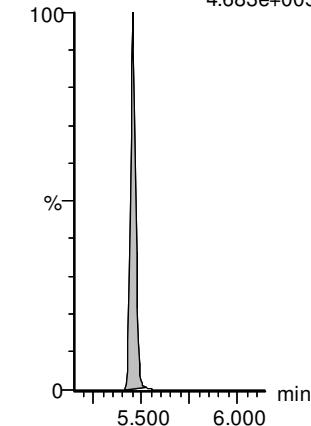
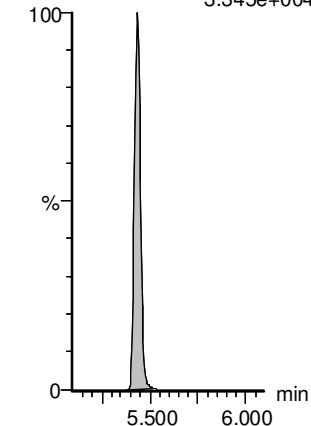
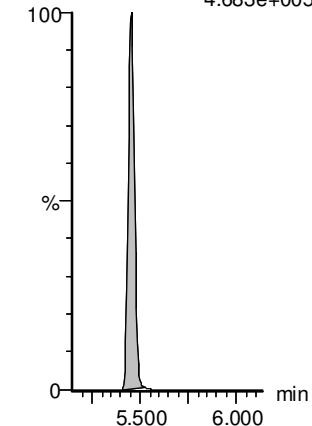
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Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_6, Date: 25-Mar-2021, Time: 13:38:01, ID: ST210325M1-3 PFC CS0 21C0803, Description: PFC CS0 21C0803

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
1.489e+004F55:MRM of 2 channels,ES-
584 > 526
8.357e+003**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
3.391e+004F51:MRM of 2 channels,ES-
563.0 > 269
3.111e+003**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
6.255e+003F57:MRM of 2 channels,ES-
599.0 > 99.0
3.548e+003**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
2.351e+004F64:MRM of 2 channels,ES-
630.9 > 83.
8.435e+002**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
7.791e+003F62:MRM of 2 channels,ES-
626.9 > 81
5.259e+003**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
4.142e+004F58:MRM of 2 channels,ES-
612.9 > 318.8
4.054e+003**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.768e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
3.831e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.932e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.683e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
3.345e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.683e+005

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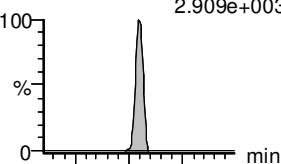
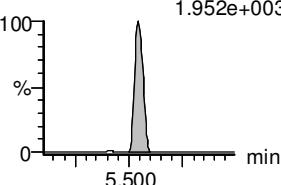
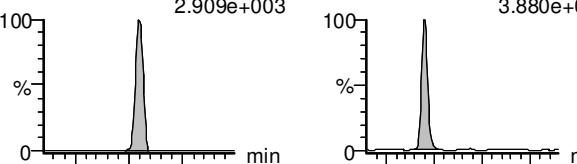
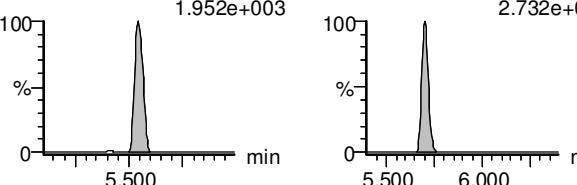
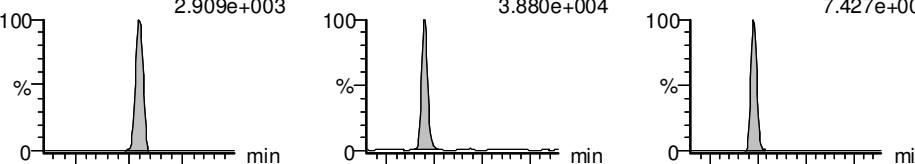
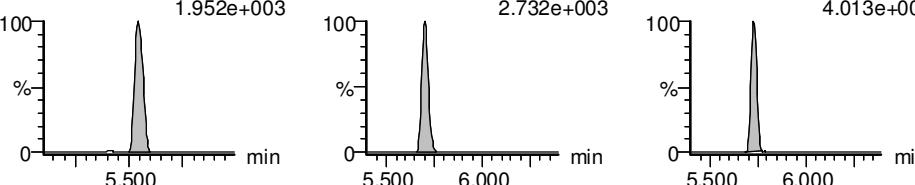
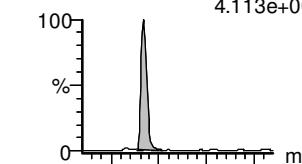
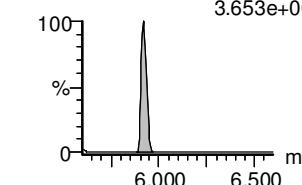
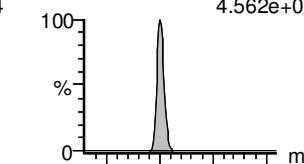
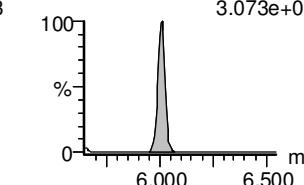
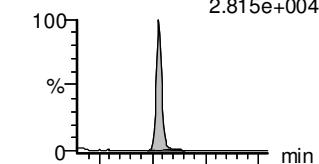
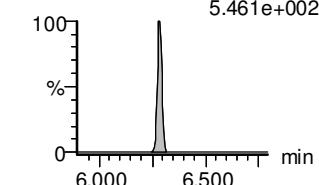
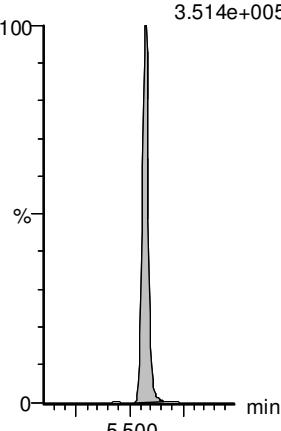
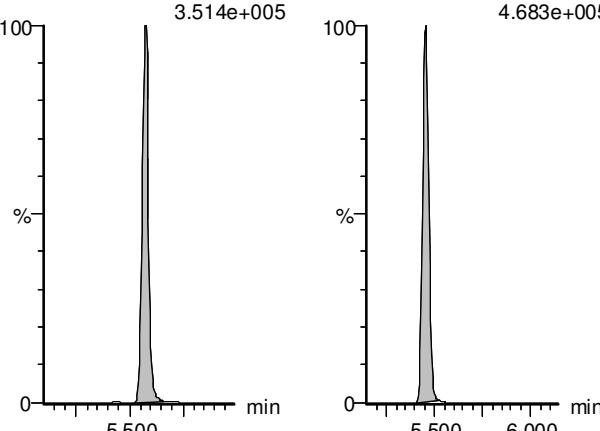
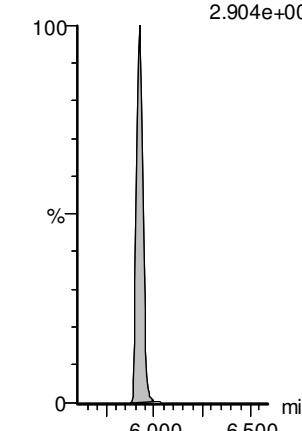
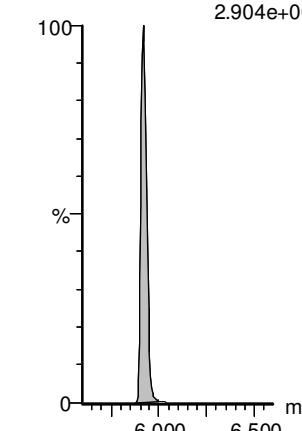
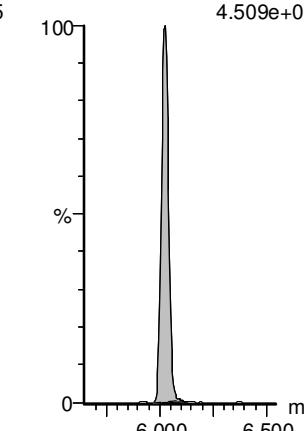
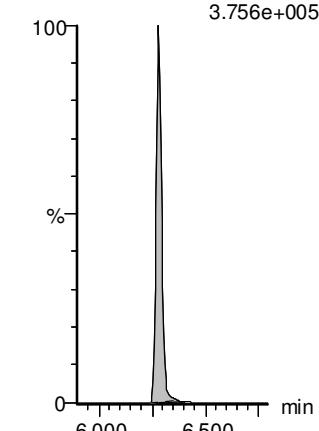
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Name: 210325M1_6, Date: 25-Mar-2021, Time: 13:38:01, ID: ST210325M1-3 PFC CS0 21C0803, Description: PFC CS0 21C0803

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
2.909e+003F41:MRM of 2 channels,ES-
511.9 > 219
1.952e+003**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
3.880e+004F67:MRM of 2 channels,ES-
662.9 > 319
2.732e+003**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
7.427e+003F68:MRM of 2 channels,ES-
698.9 > 99
4.013e+003**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
4.113e+004F69:MRM of 2 channels,ES-
713. > 369.0
3.653e+003**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
4.562e+003F45:MRM of 2 channels,ES-
526 > 219
3.073e+003**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
2.815e+004F71:MRM of 2 channels,ES-
813.1 > 219
5.461e+002**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.514e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.683e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.904e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.904e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.509e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.756e+005

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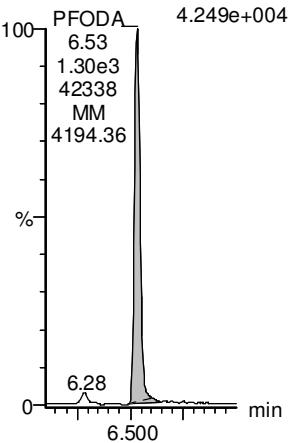
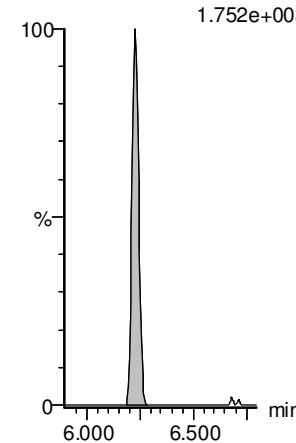
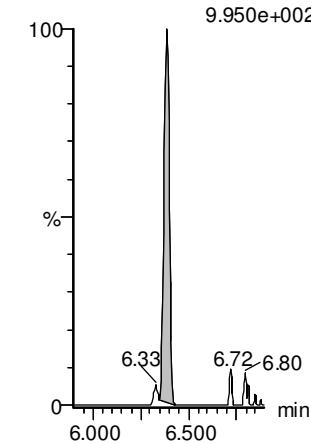
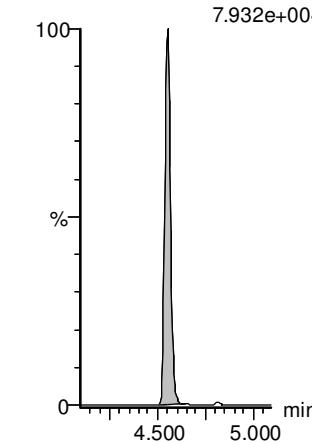
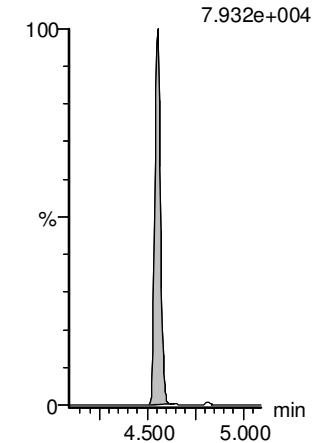
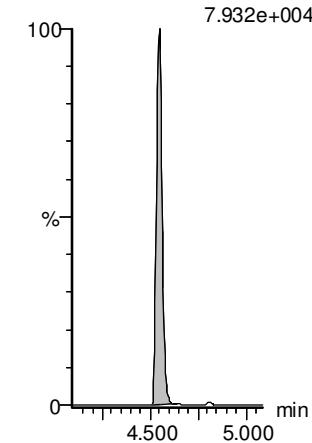
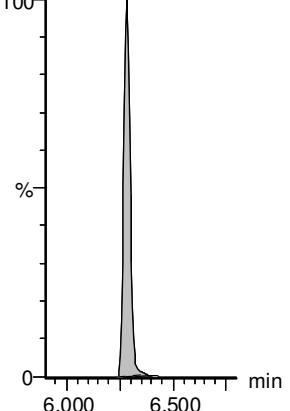
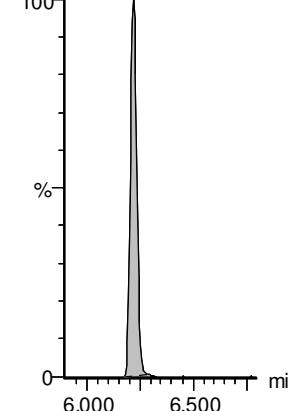
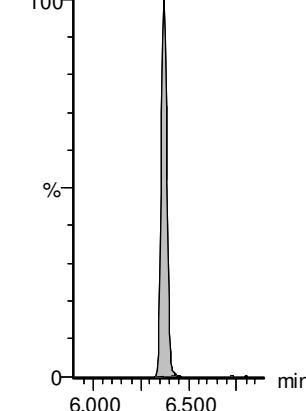
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Name: 210325M1_6, Date: 25-Mar-2021, Time: 13:38:01, ID: ST210325M1-3 PFC CS0 21C0803, Description: PFC CS0 21C0803

PFODAF73:MRM of 1 channel,ES-
913 > 869**N-MeFOSE**F60:MRM of 1 channel,ES-
616 > 59**N-EtFOSE**F63:MRM of 1 channel,ES-
630.1 > 58.9**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C2-PFHxD-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.756e+005**d7-N-MeFOSE-EIS**F61:MRM of 1 channel,ES-
623.1 > 58.9
2.407e+005**d9-N-EtFOSE-EIS**F66:MRM of 1 channel,ES-
639.2 > 58.8
2.526e+005

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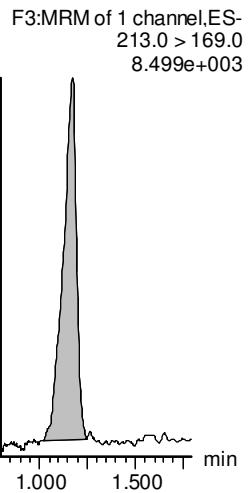
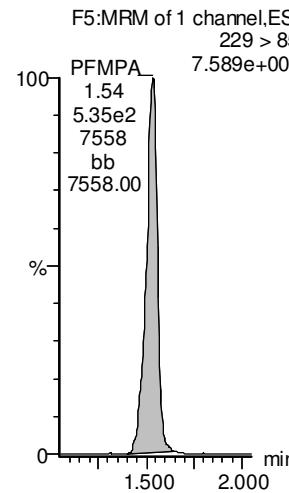
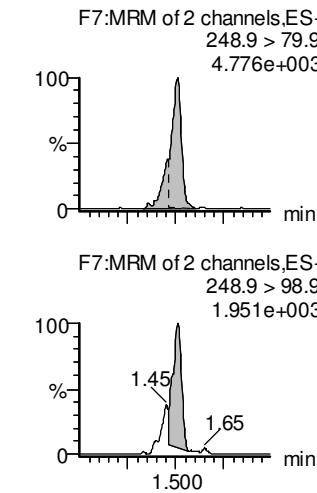
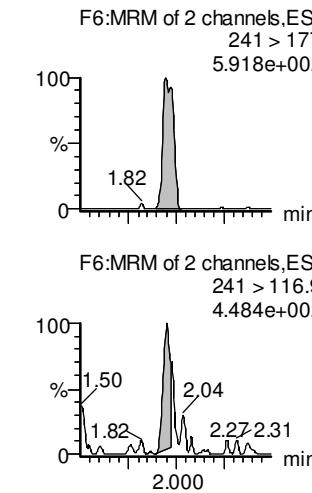
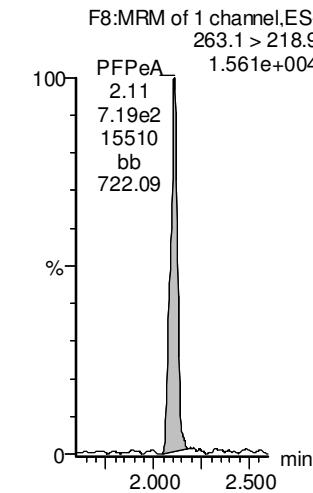
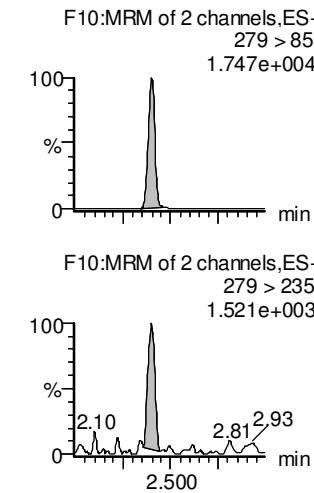
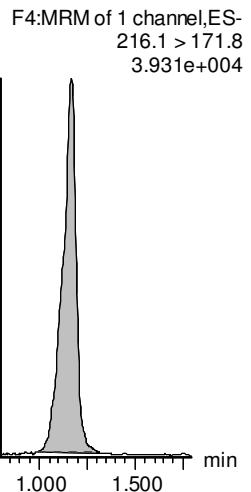
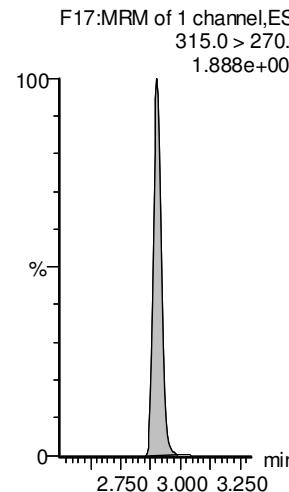
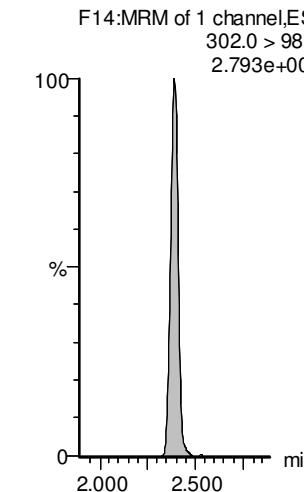
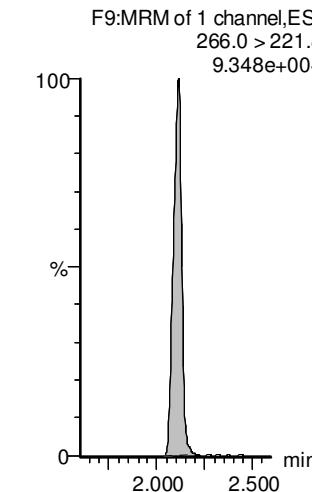
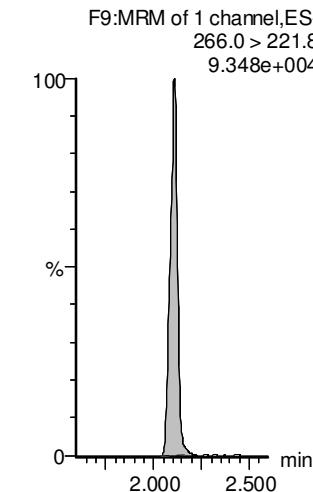
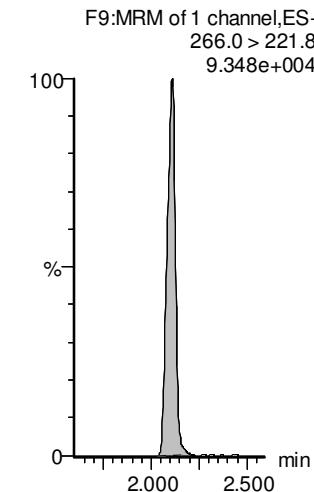
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Name: 210325M1_7, Date: 25-Mar-2021, Time: 13:48:23, ID: ST210325M1-4 PFC CS1 21C0804, Description: PFC CS1 21C0804

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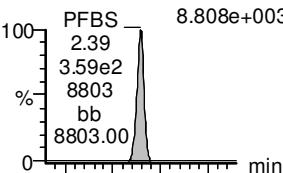
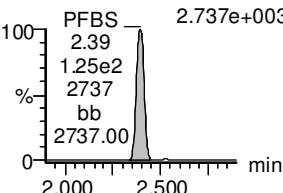
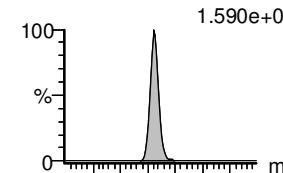
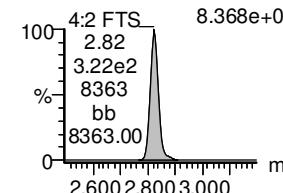
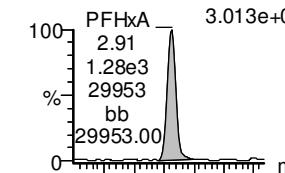
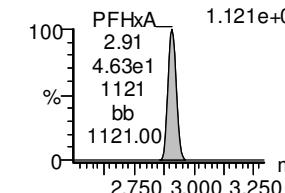
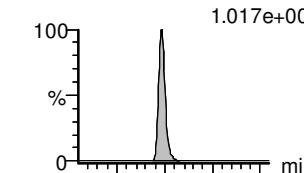
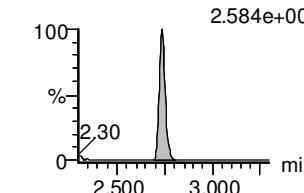
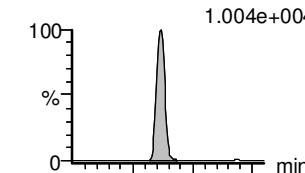
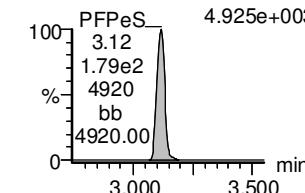
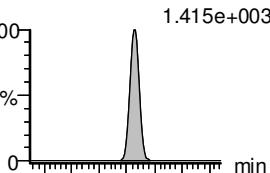
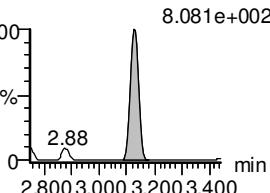
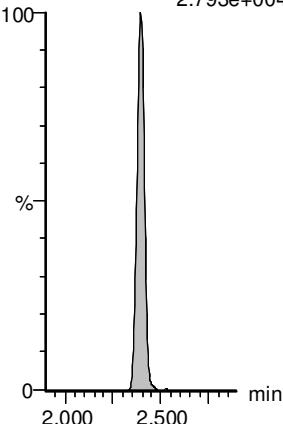
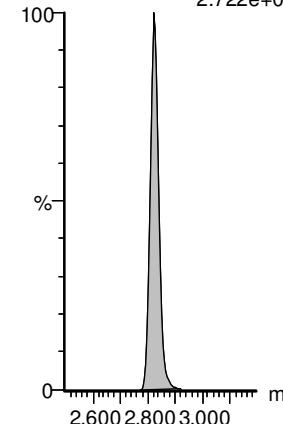
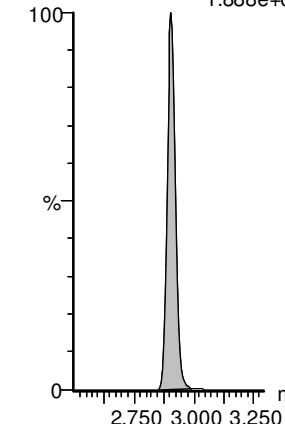
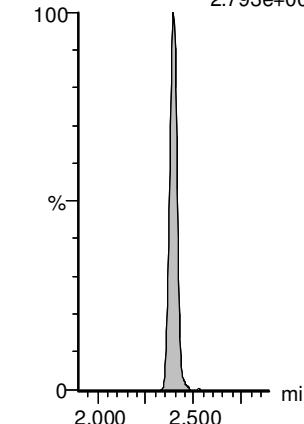
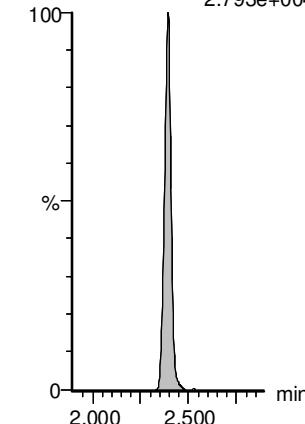
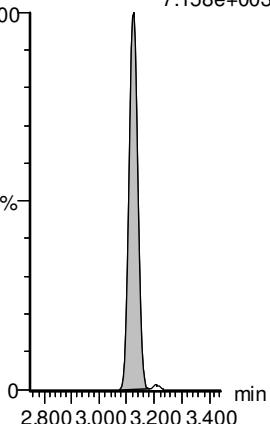
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Name: 210325M1_7, Date: 25-Mar-2021, Time: 13:48:23, ID: ST210325M1-4 PFC CS1 21C0804, Description: PFC CS1 21C0804

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
8.808e+003F13:MRM of 2 channels,ES-
299.0 > 99.0
2.737e+003**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
1.590e+004F18:MRM of 2 channels,ES-
327.0 > 80.9
8.368e+003**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
3.013e+004F15:MRM of 2 channels,ES-
313 > 118.9
1.121e+003**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
1.017e+004F16:MRM of 2 channels,ES-
315 > 83
2.584e+003**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
1.004e+004F21:MRM of 2 channels,ES-
349.0 > 99.0
4.925e+003**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
1.415e+003F11:MRM of 2 channels,ES-
285 > 185.0
8.081e+002**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.793e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.722e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.888e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.793e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.793e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
7.158e+003

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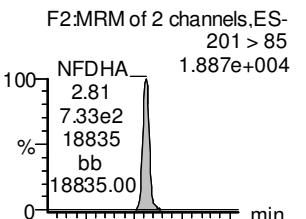
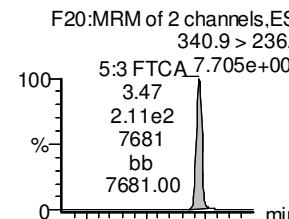
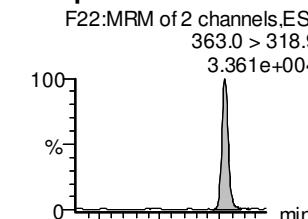
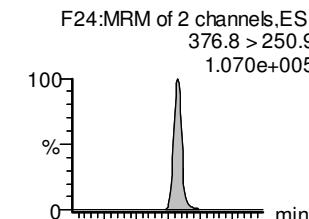
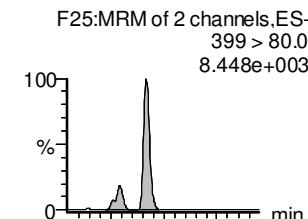
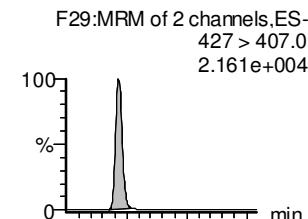
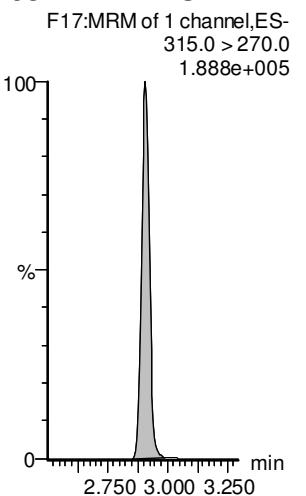
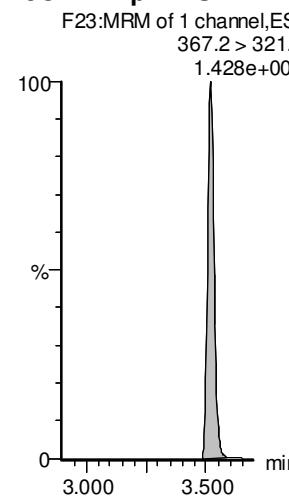
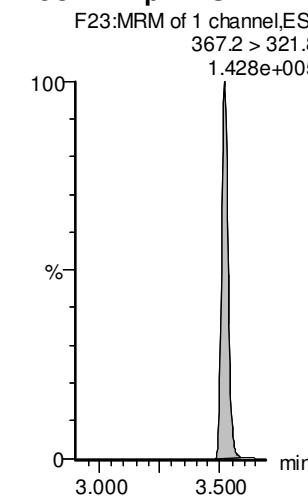
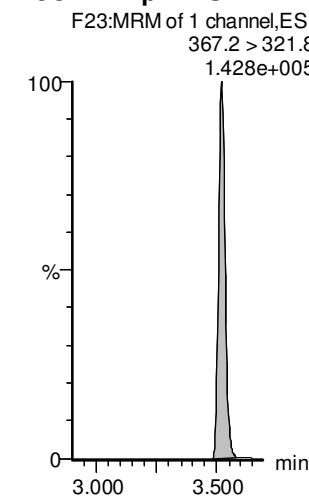
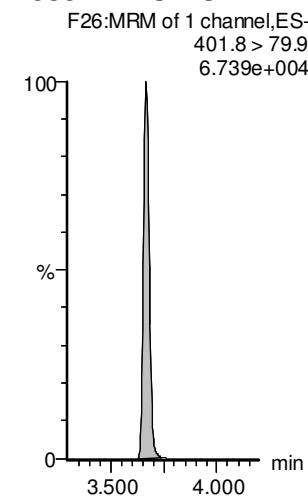
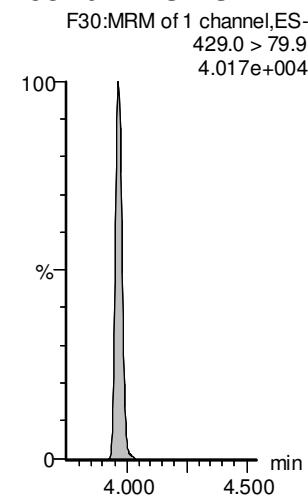
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Name: 210325M1_7, Date: 25-Mar-2021, Time: 13:48:23, ID: ST210325M1-4 PFC CS1 21C0804, Description: PFC CS1 21C0804

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFhxS****6:2 FTS****13C2-PFhxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFhxS-EIS****13C2-6:2 FTS-EIS**

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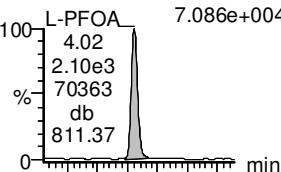
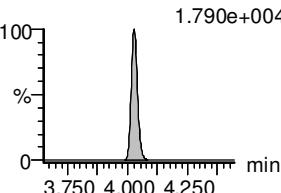
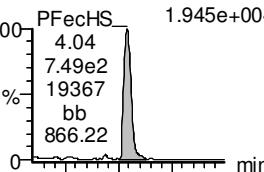
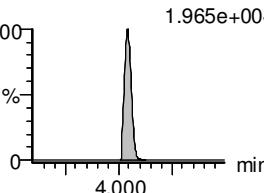
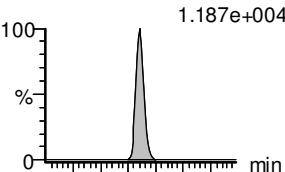
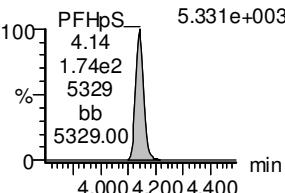
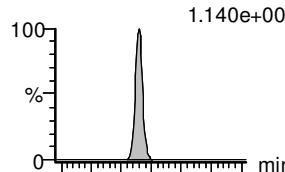
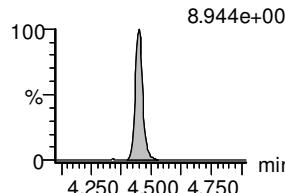
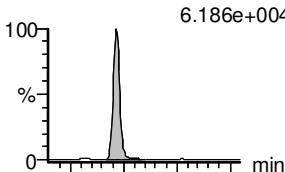
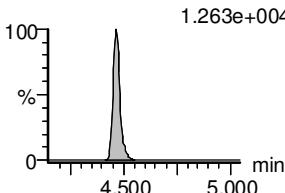
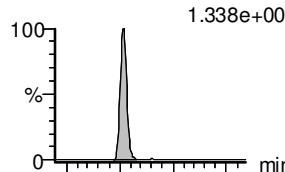
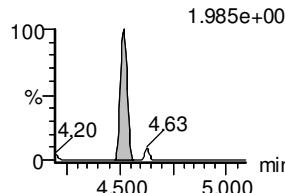
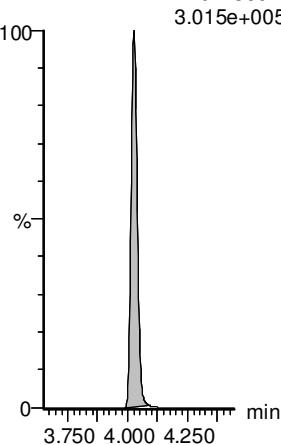
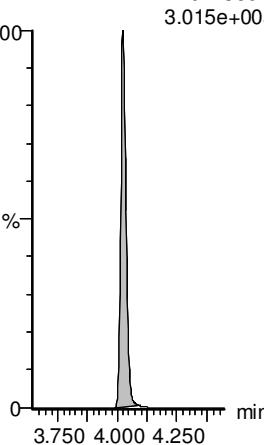
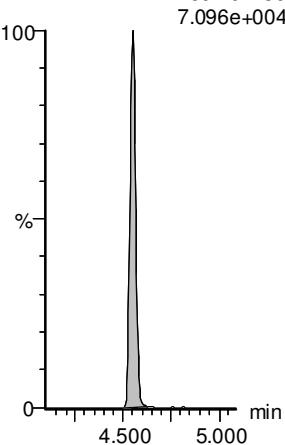
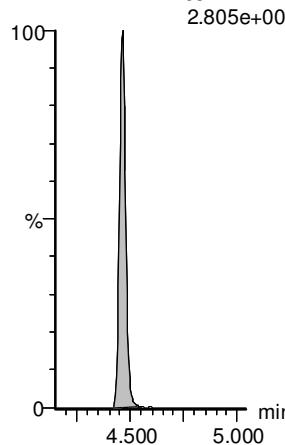
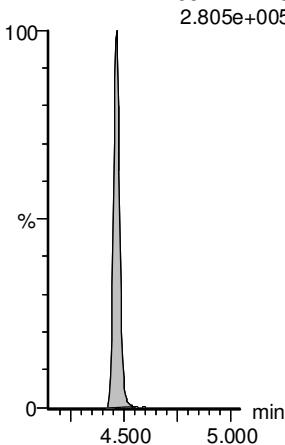
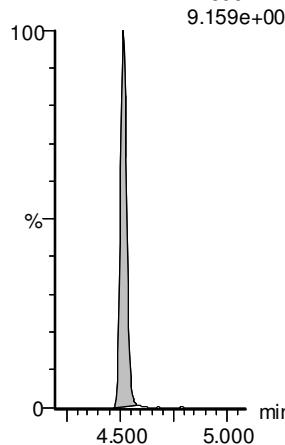
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Name: 210325M1_7, Date: 25-Mar-2021, Time: 13:48:23, ID: ST210325M1-4 PFC CS1 21C0804, Description: PFC CS1 21C0804

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9F27:MRM of 2 channels,ES-
412.8 > 169**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0F33:MRM of 2 channels,ES-
460.8 > 98.9**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0F32:MRM of 2 channels,ES-
448.9 > 99.0**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0F31:MRM of 2 channels,ES-
441.0 > 317.0**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8F34:MRM of 2 channels,ES-
463.0 > 219.0**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0F36:MRM of 2 channels,ES-
498.0 > 169.0**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78

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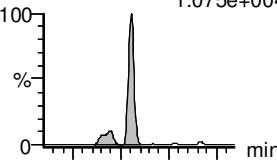
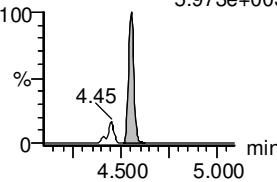
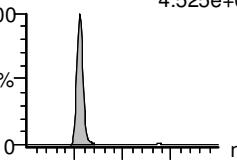
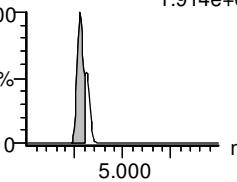
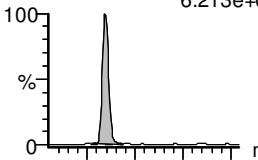
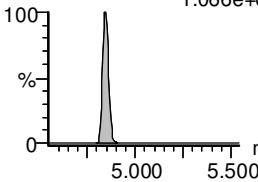
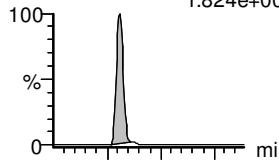
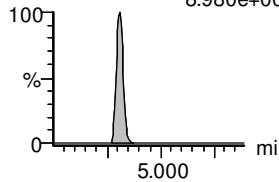
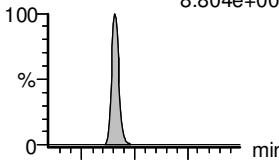
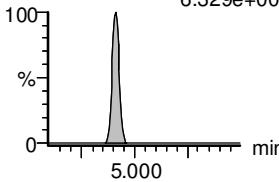
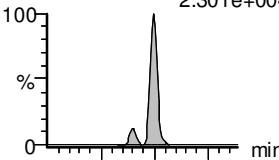
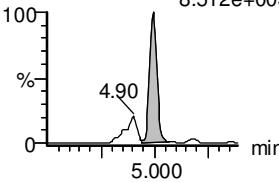
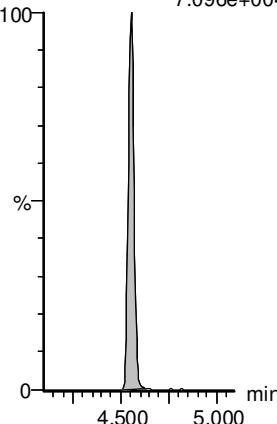
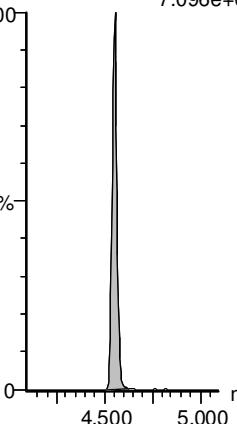
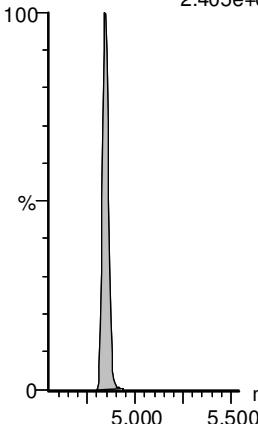
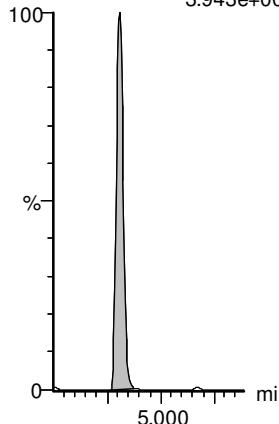
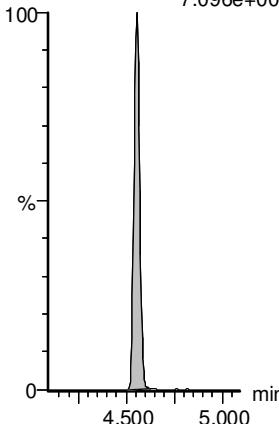
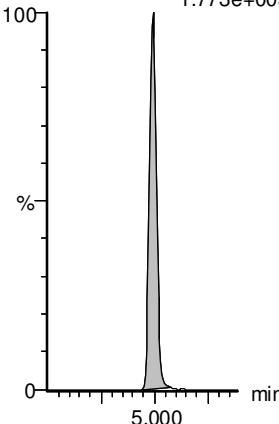
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Name: 210325M1_7, Date: 25-Mar-2021, Time: 13:48:23, ID: ST210325M1-4 PFC CS1 21C0804, Description: PFC CS1 21C0804

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
1.075e+004F38:MRM of 2 channels,ES-
499 > 99
5.973e+003**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
4.525e+004F48:MRM of 2 channels,ES-
530.9 > 82.9
1.914e+003**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
6.213e+004F42:MRM of 2 channels,ES-
513 > 219
1.066e+004**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
1.824e+004F46:MRM of 2 channels,ES-
527 > 80.9
8.980e+003**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
8.804e+003F50:MRM of 2 channels,ES-
548.9 > 99
6.329e+003**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
2.301e+004F53:MRM of 2 channels,ES-
570 > 512
8.512e+003**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.096e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.096e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.405e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.943e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.096e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.773e+005

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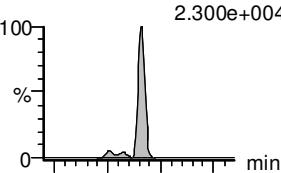
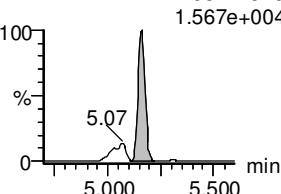
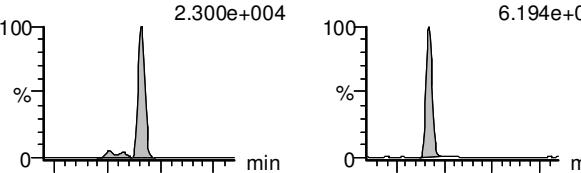
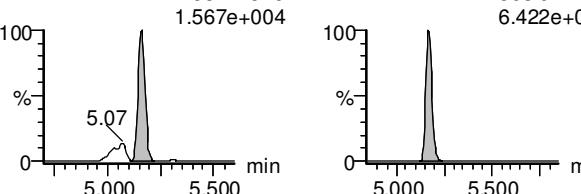
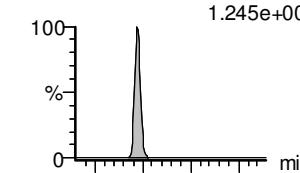
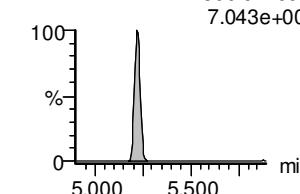
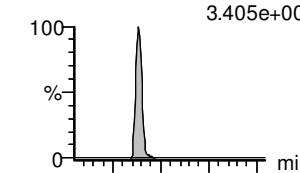
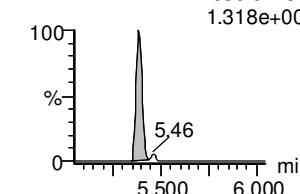
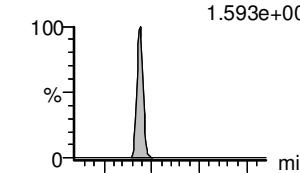
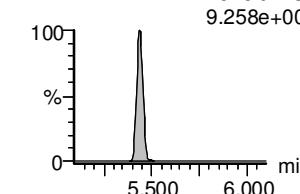
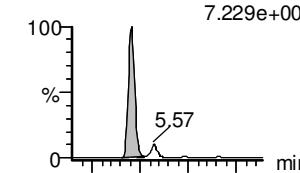
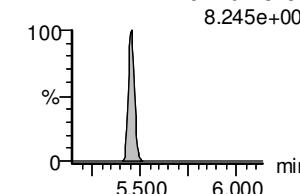
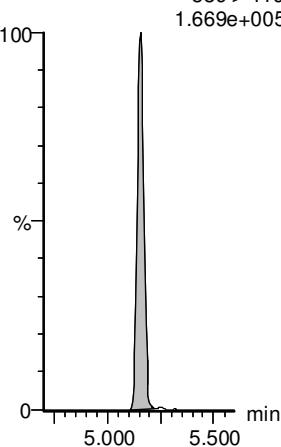
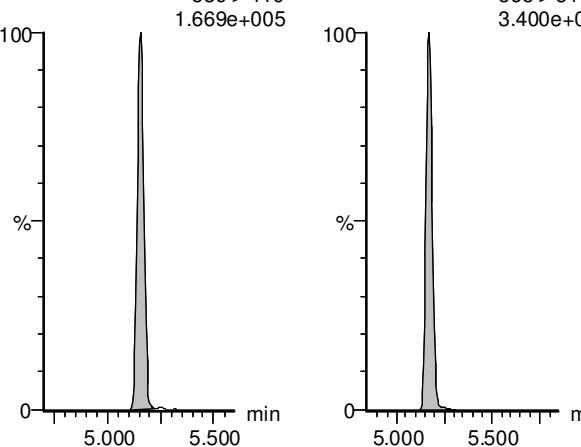
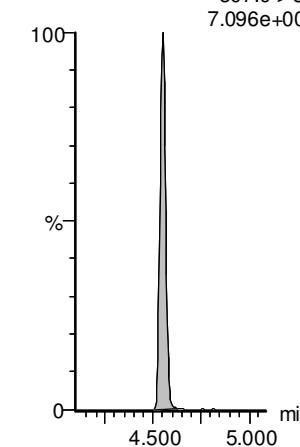
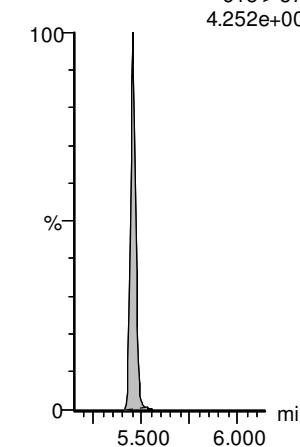
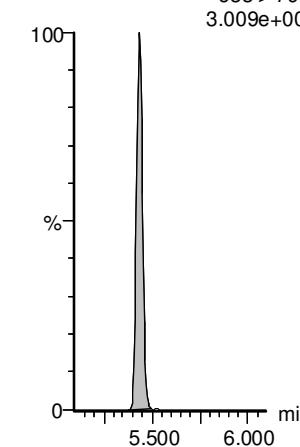
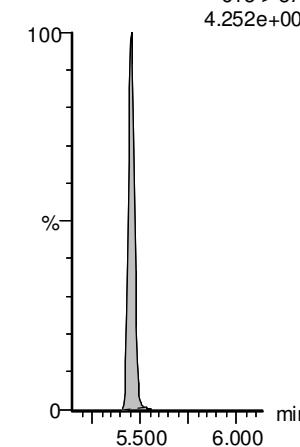
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Name: 210325M1_7, Date: 25-Mar-2021, Time: 13:48:23, ID: ST210325M1-4 PFC CS1 21C0804, Description: PFC CS1 21C0804

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
2.300e+004F55:MRM of 2 channels,ES-
584 > 526
1.567e+004**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
6.194e+004F51:MRM of 2 channels,ES-
563.0 > 269
6.422e+003**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
1.245e+004F57:MRM of 2 channels,ES-
599.0 > 99.0
7.043e+003**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
3.405e+004F64:MRM of 2 channels,ES-
630.9 > 83.
1.318e+003**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
1.593e+004F62:MRM of 2 channels,ES-
626.9 > 81
9.258e+003**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
7.229e+004F58:MRM of 2 channels,ES-
612.9 > 318.8
8.245e+003**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.669e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
3.400e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.096e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.252e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
3.009e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.252e+005

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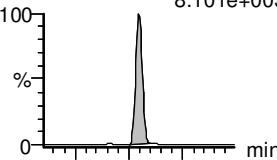
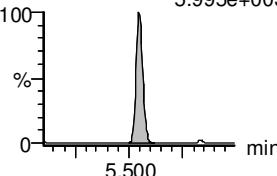
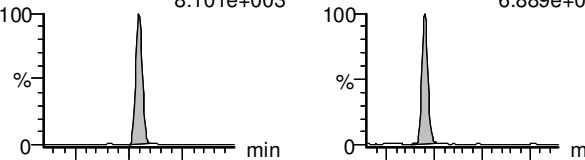
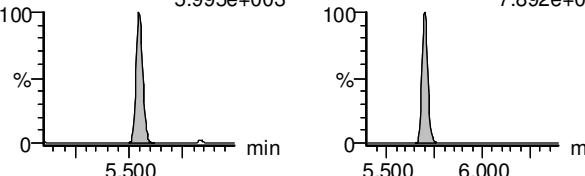
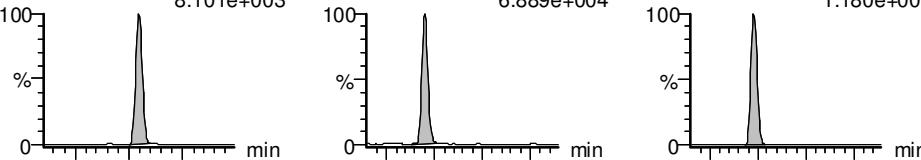
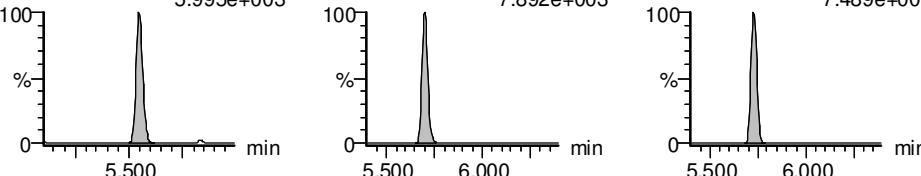
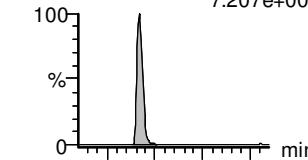
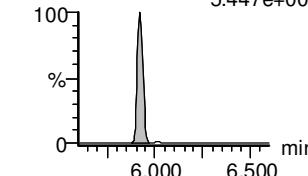
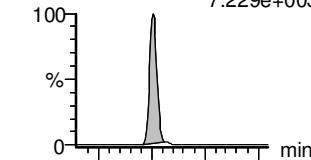
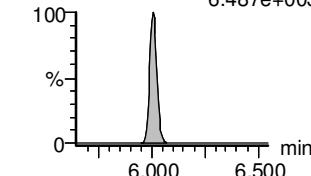
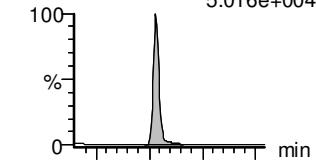
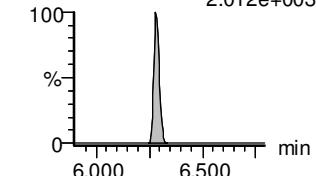
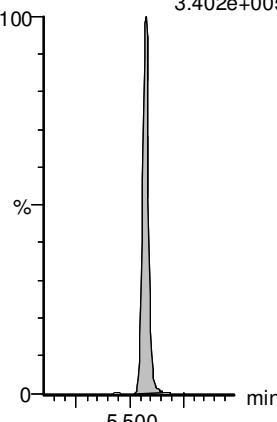
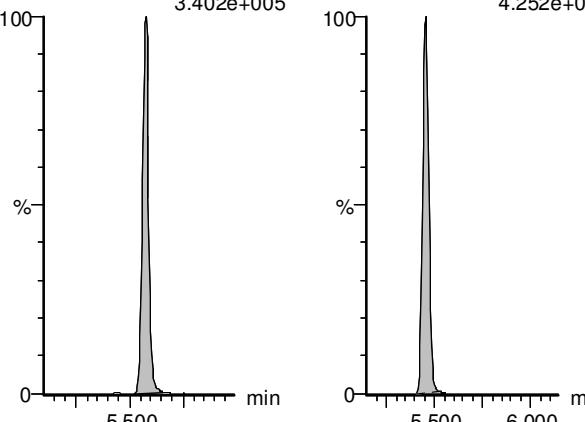
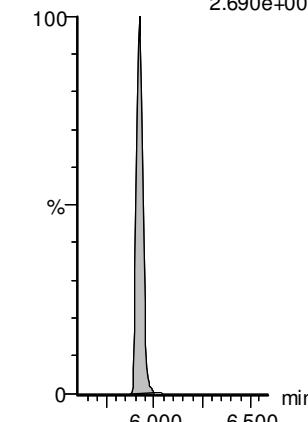
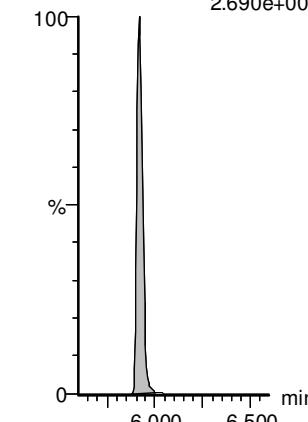
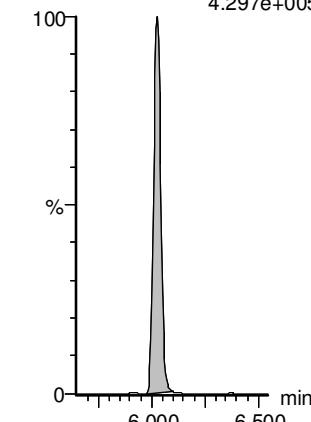
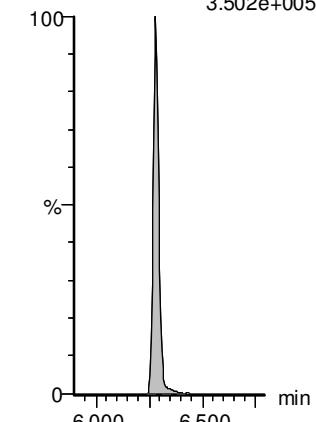
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Name: 210325M1_7, Date: 25-Mar-2021, Time: 13:48:23, ID: ST210325M1-4 PFC CS1 21C0804, Description: PFC CS1 21C0804

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
8.101e+003F41:MRM of 2 channels,ES-
511.9 > 219
5.995e+003**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
6.889e+004F67:MRM of 2 channels,ES-
662.9 > 319
7.892e+003**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
1.180e+004F68:MRM of 2 channels,ES-
698.9 > 99
7.489e+003**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
7.207e+004F69:MRM of 2 channels,ES-
713.0 > 369.0
5.447e+003**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
7.229e+003F45:MRM of 2 channels,ES-
526 > 219
6.487e+003**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
5.016e+004F71:MRM of 2 channels,ES-
813.1 > 219
2.012e+003**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.402e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.252e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.690e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.690e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.297e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.502e+005

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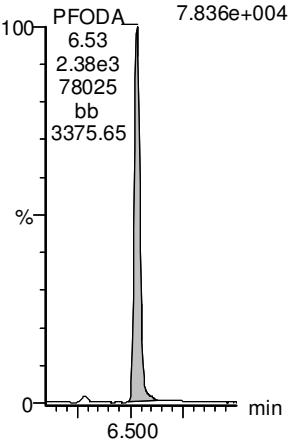
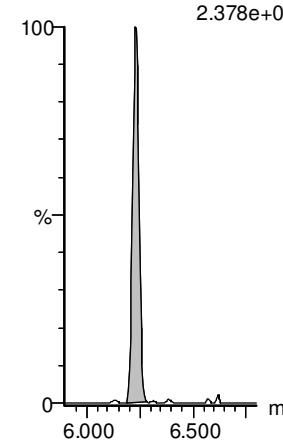
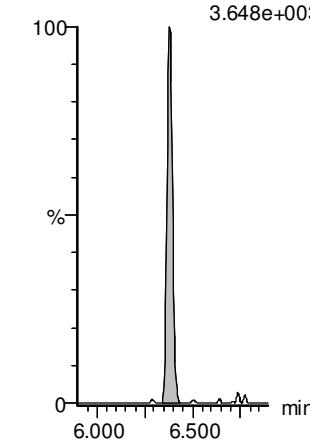
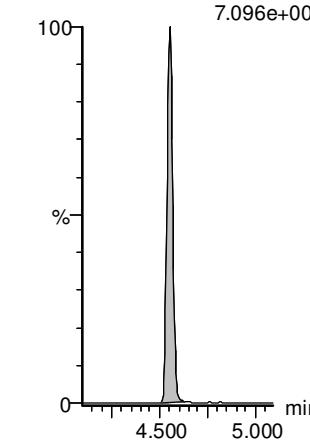
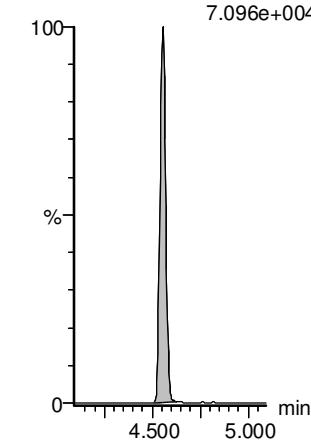
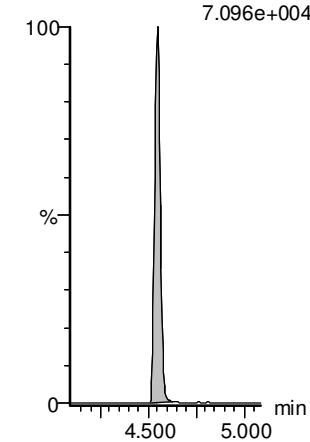
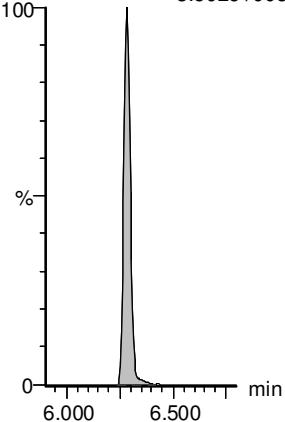
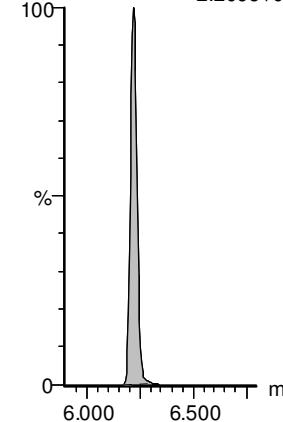
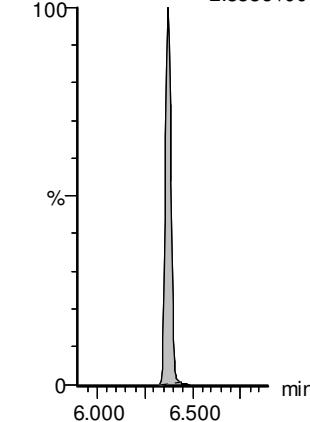
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Name: 210325M1_7, Date: 25-Mar-2021, Time: 13:48:23, ID: ST210325M1-4 PFC CS1 21C0804, Description: PFC CS1 21C0804

PFODAF73:MRM of 1 channel,ES-
913 > 869**N-MeFOSE**F60:MRM of 1 channel,ES-
616 > 59**N-EtFOSE**F63:MRM of 1 channel,ES-
630.1 > 58.9**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80**13C2-PFHxD-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.502e+005**d7-N-MeFOSE-EIS**F61:MRM of 1 channel,ES-
623.1 > 58.9
2.206e+005**d9-N-EtFOSE-EIS**F66:MRM of 1 channel,ES-
639.2 > 58.8
2.383e+005

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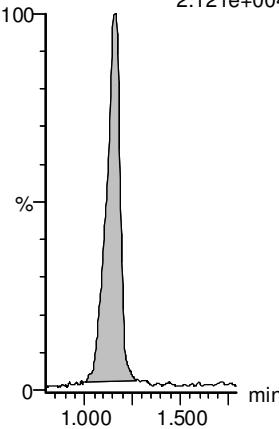
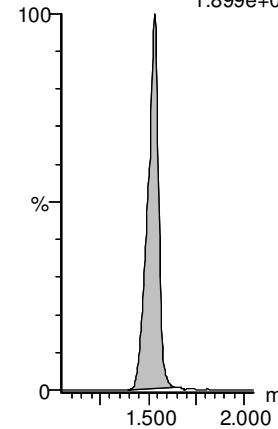
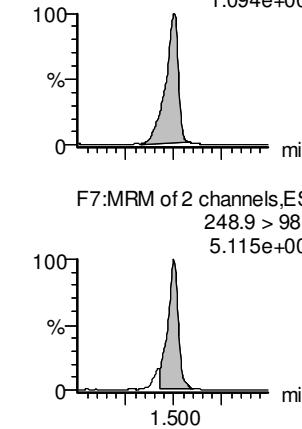
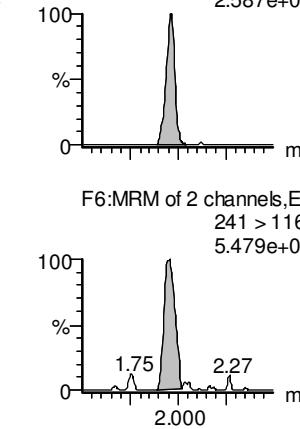
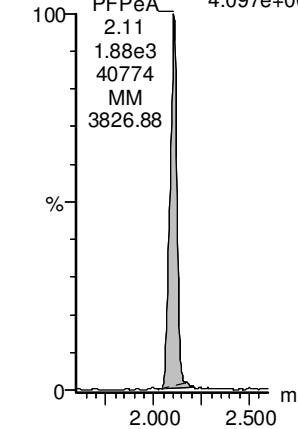
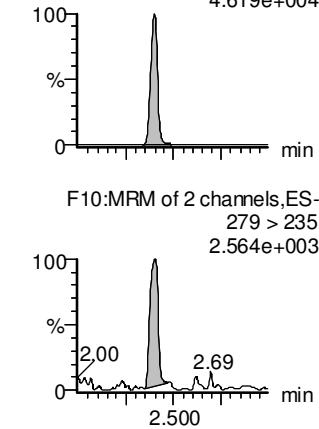
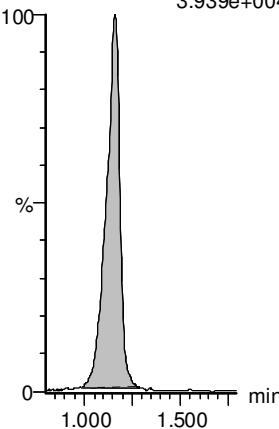
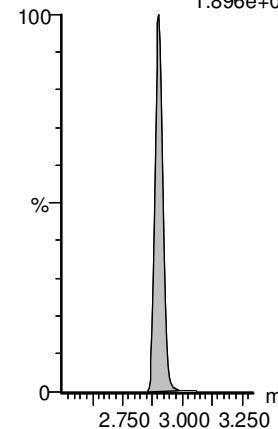
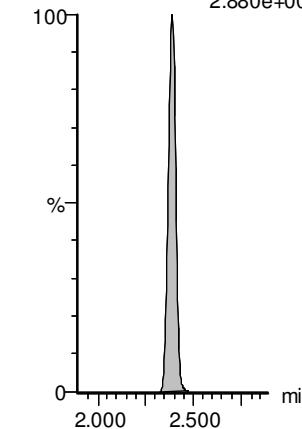
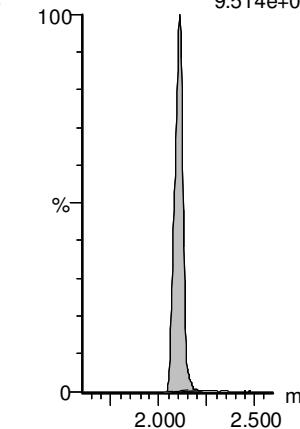
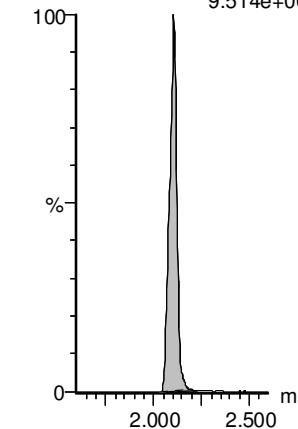
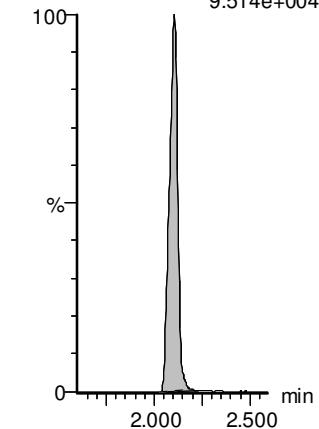
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Name: 210325M1_8, Date: 25-Mar-2021, Time: 13:58:45, ID: ST210325M1-5 PFC CS2 21C0805, Description: PFC CS2 21C0805

PFBAF3:MRM of 1 channel,ES-
213.0 > 169.0
2.121e+004**PFMPA**F5:MRM of 1 channel,ES-
229 > 85
1.899e+004**PFPrS**F7:MRM of 2 channels,ES-
248.9 > 79.9
1.094e+004**3:3 FTCA**F6:MRM of 2 channels,ES-
241 > 177
2.587e+003**PFPeA**F8:MRM of 1 channel,ES-
263.1 > 218.9
4.097e+004**PFMBA**F10:MRM of 2 channels,ES-
279 > 85
4.619e+004**13C3-PFBA-EIS**F4:MRM of 1 channel,ES-
216.1 > 171.8
3.939e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.896e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.880e+004**13C3-PFPeA-EIS**F9:MRM of 1 channel,ES-
266.0 > 221.8
9.514e+004**13C3-PFPeA-EIS**F9:MRM of 1 channel,ES-
266.0 > 221.8
9.514e+004**13C3-PFPeA-EIS**F9:MRM of 1 channel,ES-
266.0 > 221.8
9.514e+004

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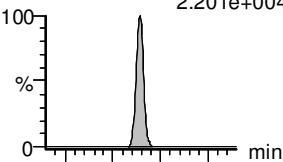
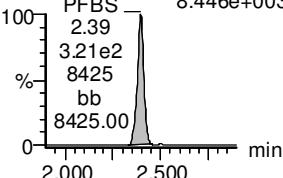
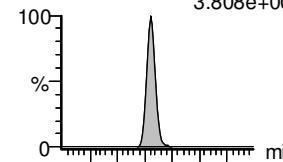
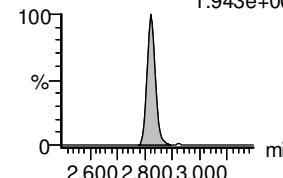
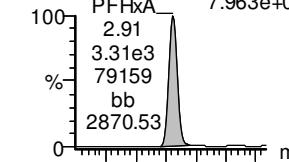
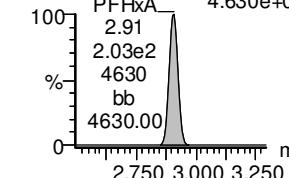
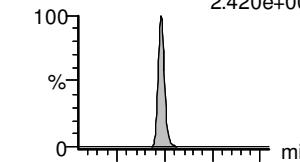
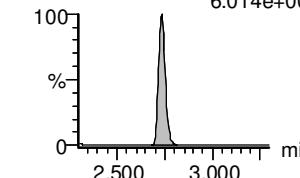
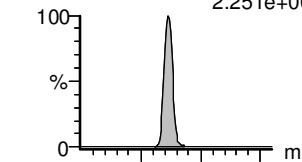
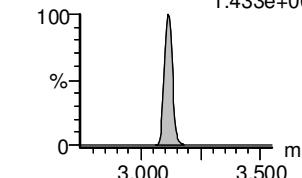
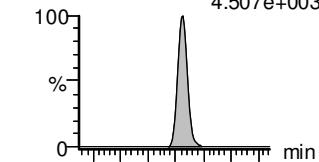
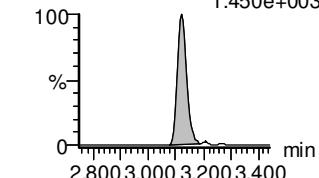
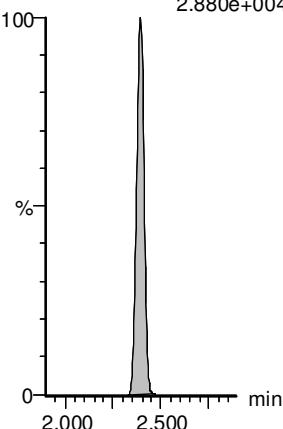
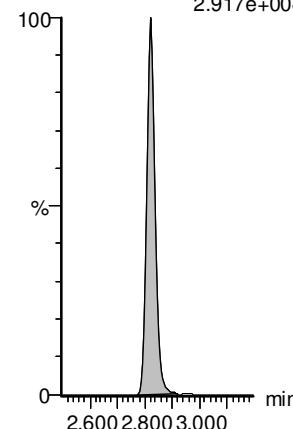
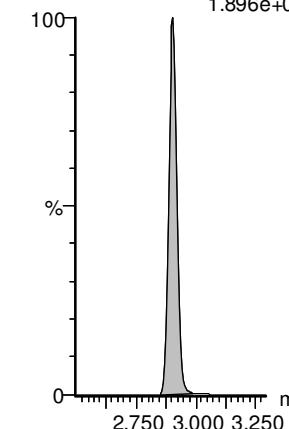
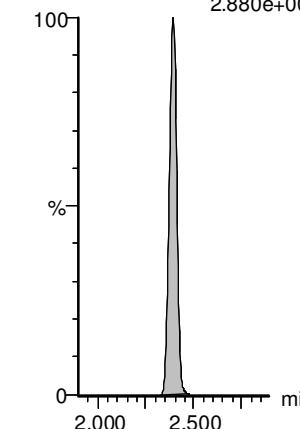
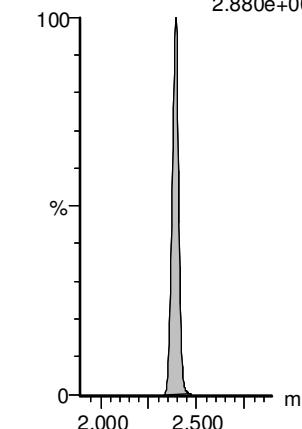
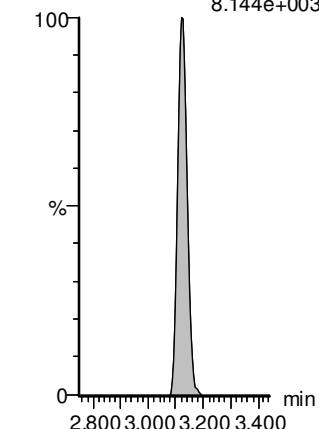
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Name: 210325M1_8, Date: 25-Mar-2021, Time: 13:58:45, ID: ST210325M1-5 PFC CS2 21C0805, Description: PFC CS2 21C0805

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
2.201e+004F13:MRM of 2 channels,ES-
299.0 > 99.0
8.446e+003**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
3.808e+004F18:MRM of 2 channels,ES-
327.0 > 80.9
1.943e+004**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
7.963e+004F15:MRM of 2 channels,ES-
313 > 118.9
4.630e+003**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
2.420e+004F16:MRM of 2 channels,ES-
315 > 83
6.014e+003**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
2.251e+004F21:MRM of 2 channels,ES-
349.0 > 99.0
1.433e+004**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
4.507e+003F11:MRM of 2 channels,ES-
285 > 185.0
1.450e+003**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.880e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.917e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.896e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.880e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.880e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
8.144e+003

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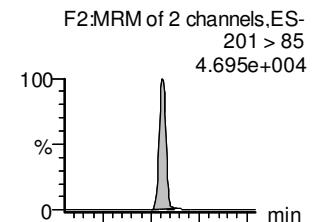
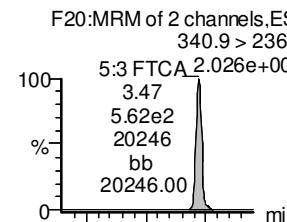
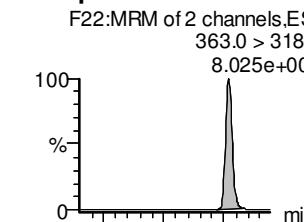
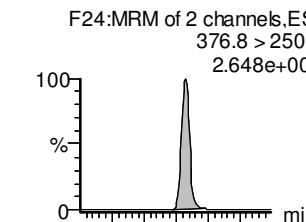
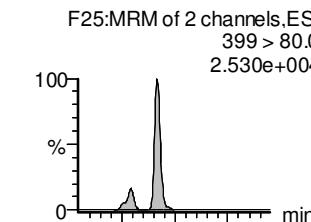
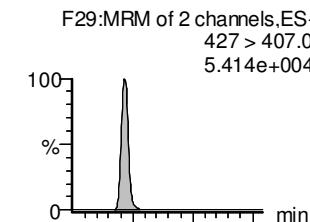
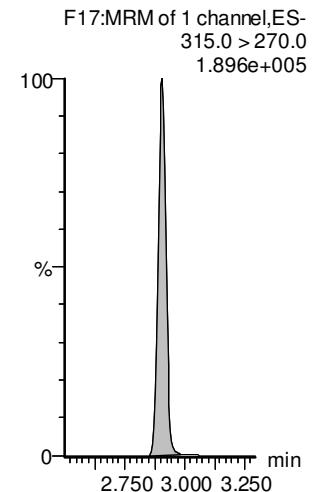
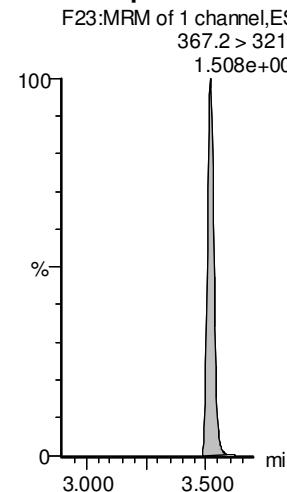
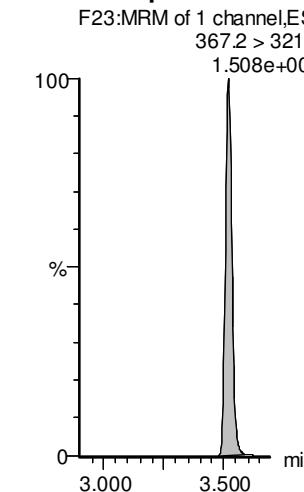
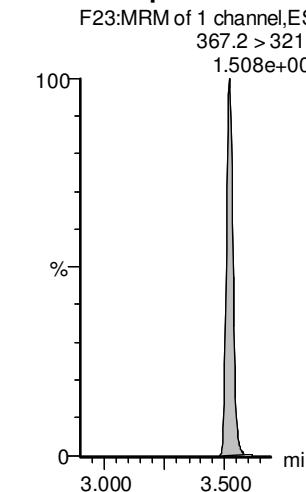
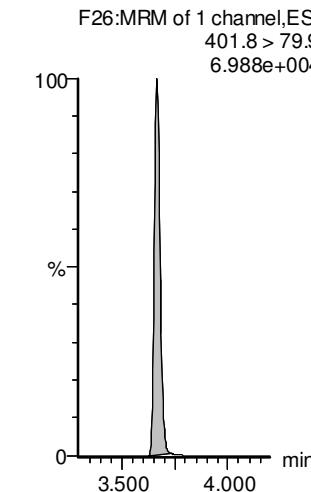
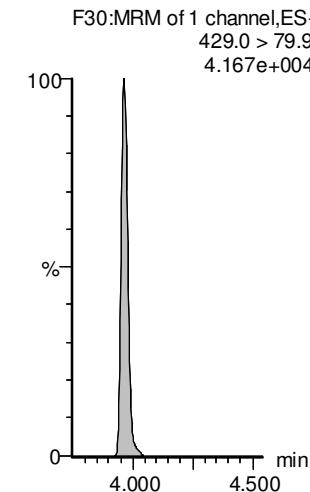
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Name: 210325M1_8, Date: 25-Mar-2021, Time: 13:58:45, ID: ST210325M1-5 PFC CS2 21C0805, Description: PFC CS2 21C0805

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFHpS****6:2 FTS****13C2-PFHpA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFHpS-EIS****13C2-6:2 FTS-EIS**

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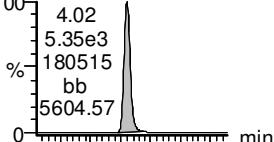
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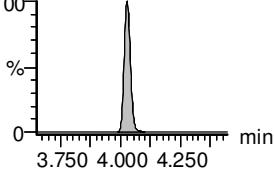
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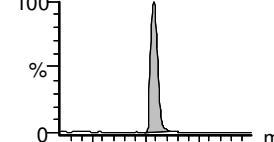
Name: 210325M1_8, Date: 25-Mar-2021, Time: 13:58:45, ID: ST210325M1-5 PFC CS2 21C0805, Description: PFC CS2 21C0805

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9L-PFOA
4.02
5.35e3
180515
bb
5604.57F27:MRM of 2 channels,ES-
412.8 > 169

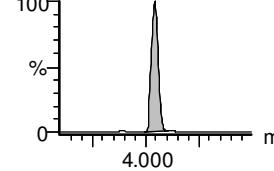
4.492e+004

**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0

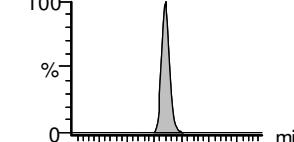
5.075e+004

F33:MRM of 2 channels,ES-
460.8 > 98.9

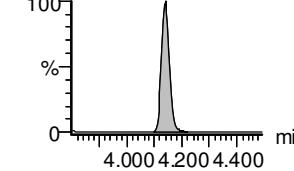
4.827e+004

**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0

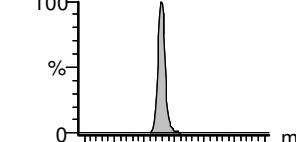
2.945e+004

F32:MRM of 2 channels,ES-
448.9 > 99.0

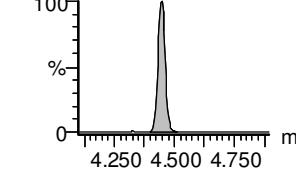
1.354e+004

**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0

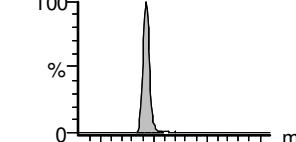
3.484e+004

F31:MRM of 2 channels,ES-
441.0 > 317.0

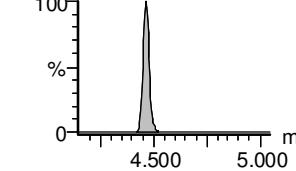
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**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8

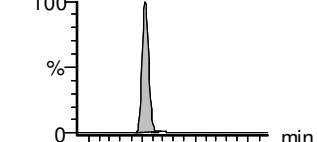
1.502e+005

F34:MRM of 2 channels,ES-
463.0 > 219.0

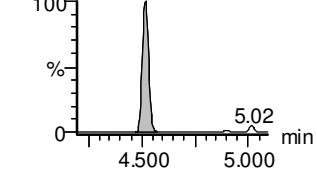
3.701e+004

**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0

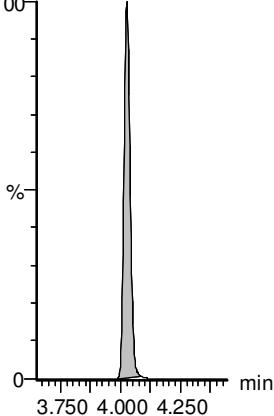
3.742e+004

F36:MRM of 2 channels,ES-
498.0 > 169.0

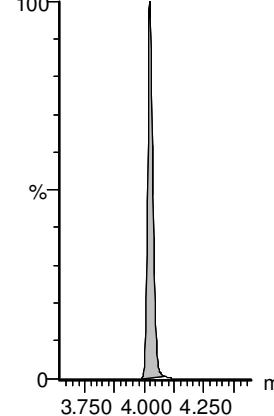
1.386e+003

**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7

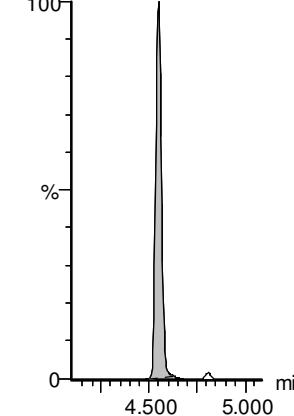
3.062e+005

**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7

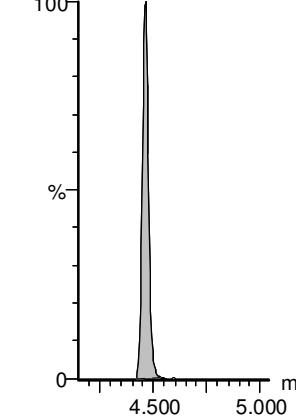
3.062e+005

**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80

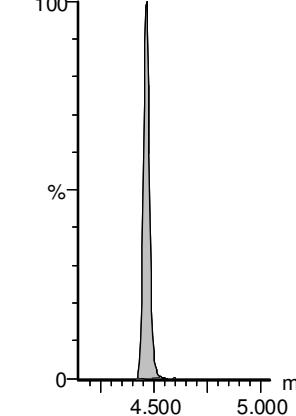
7.626e+004

**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9

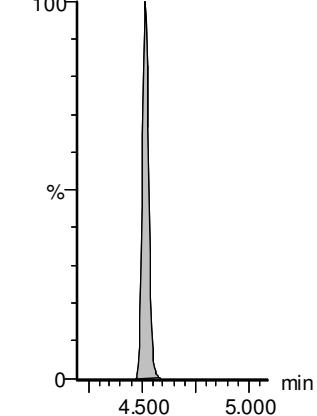
2.841e+005

**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9

2.841e+005

**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78

9.553e+004



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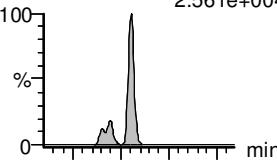
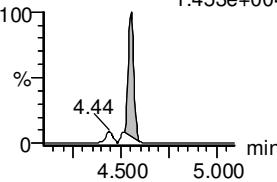
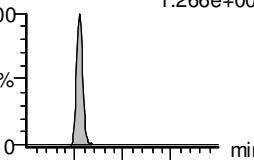
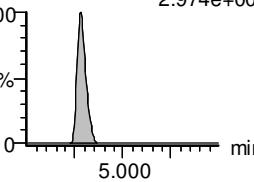
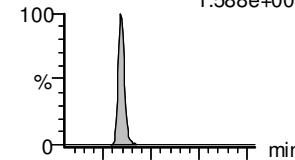
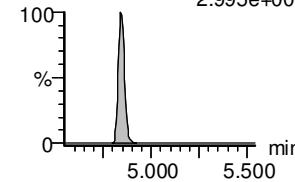
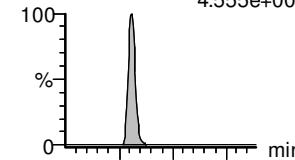
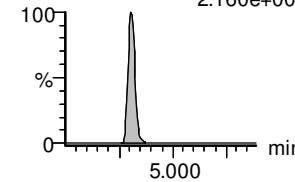
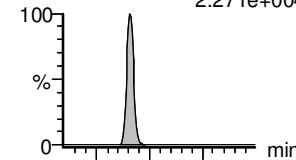
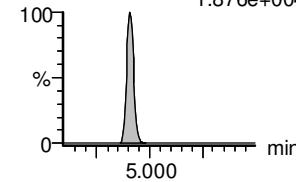
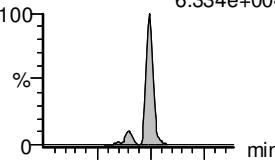
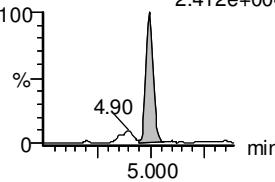
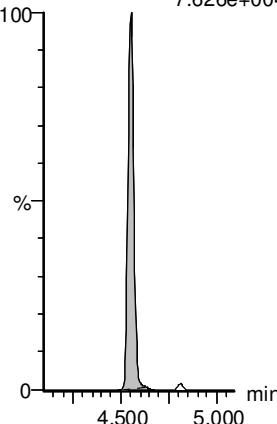
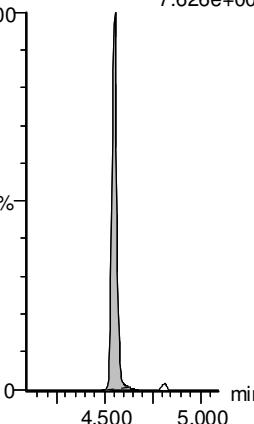
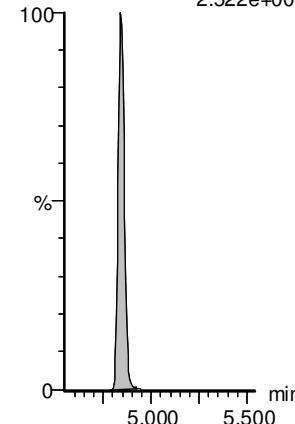
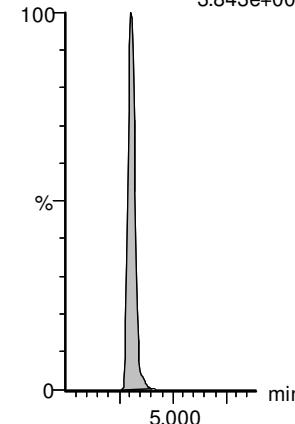
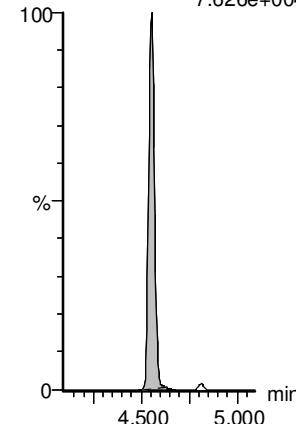
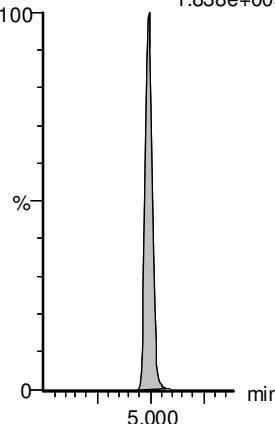
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Name: 210325M1_8, Date: 25-Mar-2021, Time: 13:58:45, ID: ST210325M1-5 PFC CS2 21C0805, Description: PFC CS2 21C0805

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
2.561e+004F38:MRM of 2 channels,ES-
499 > 99
1.453e+004**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
1.266e+005F48:MRM of 2 channels,ES-
530.9 > 82.9
2.974e+003**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
1.588e+005F42:MRM of 2 channels,ES-
513 > 219
2.995e+004**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
4.555e+004F46:MRM of 2 channels,ES-
527 > 80.9
2.160e+004**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
2.271e+004F50:MRM of 2 channels,ES-
548.9 > 99
1.876e+004**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
6.334e+004F53:MRM of 2 channels,ES-
570 > 512
2.412e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.626e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.626e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.522e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.843e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.626e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.838e+005

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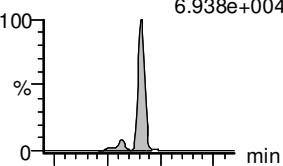
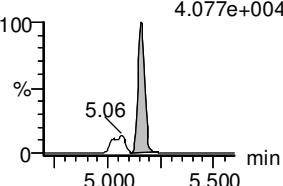
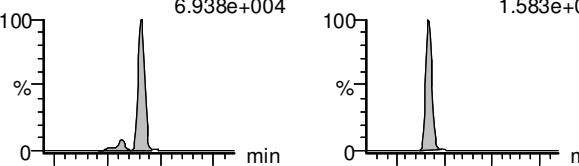
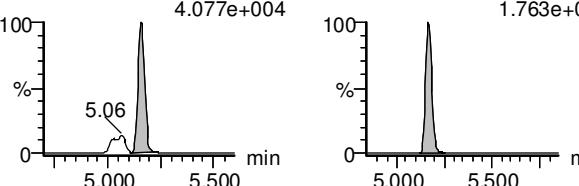
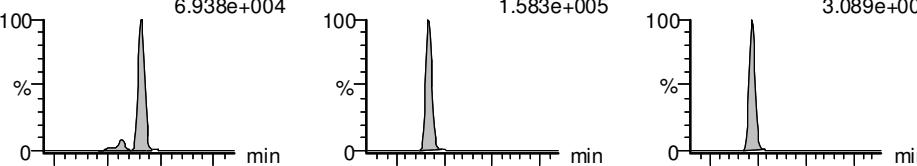
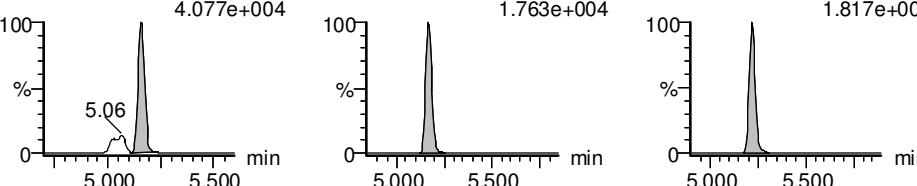
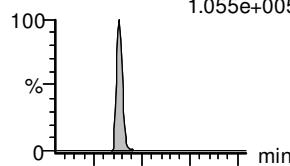
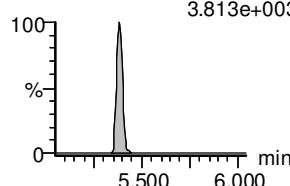
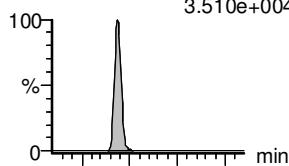
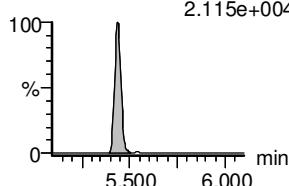
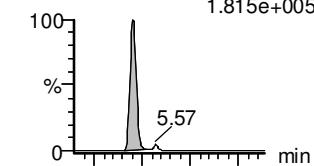
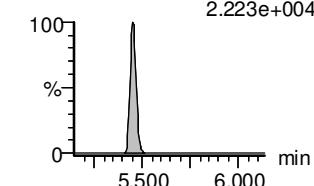
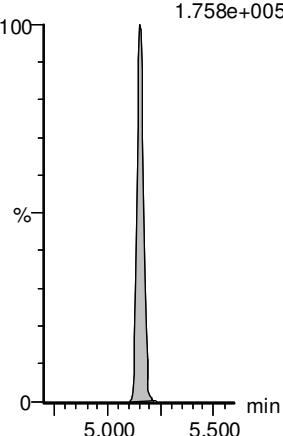
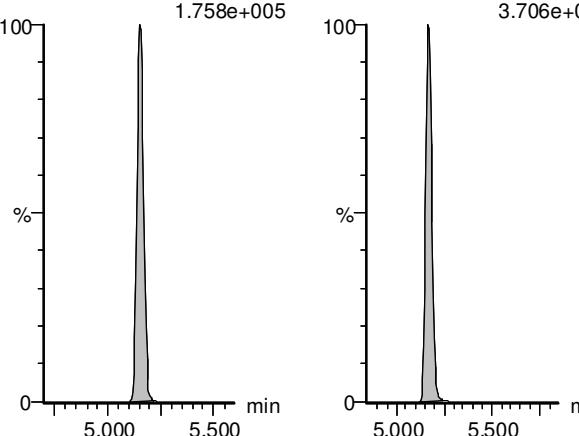
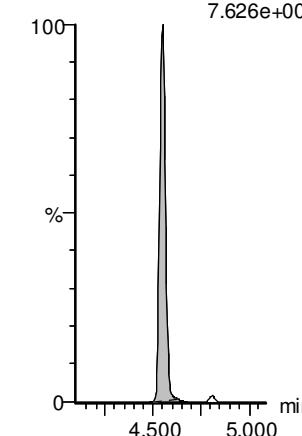
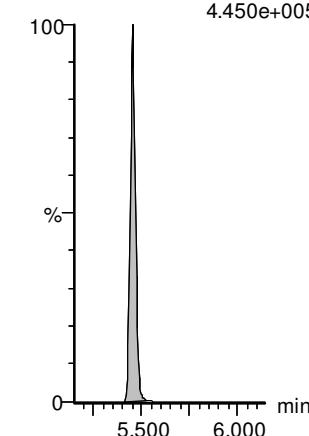
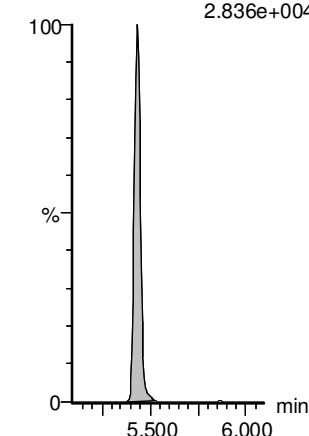
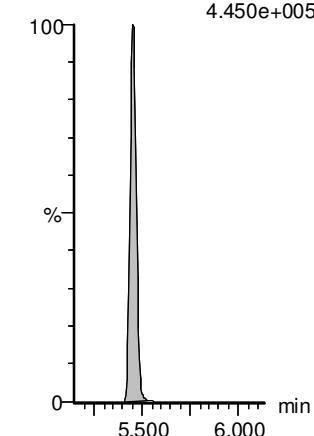
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Name: 210325M1_8, Date: 25-Mar-2021, Time: 13:58:45, ID: ST210325M1-5 PFC CS2 21C0805, Description: PFC CS2 21C0805

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
 $6.938e+004$ F55:MRM of 2 channels,ES-
584 > 526
 $4.077e+004$ **PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
 $1.583e+005$ F51:MRM of 2 channels,ES-
563.0 > 269
 $1.763e+004$ **PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
 $3.089e+004$ F57:MRM of 2 channels,ES-
599.0 > 99.0
 $1.817e+004$ **11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
 $1.055e+005$ F64:MRM of 2 channels,ES-
630.9 > 83.
 $3.813e+003$ **10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
 $3.510e+004$ F62:MRM of 2 channels,ES-
626.9 > 81
 $2.115e+004$ **PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
 $1.815e+005$ F58:MRM of 2 channels,ES-
612.9 > 318.8
 $2.223e+004$ **d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
 $1.758e+005$ **13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
 $3.706e+005$ **13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
 $7.626e+004$ **13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
 $4.450e+005$ **13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
 $2.836e+004$ **13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
 $4.450e+005$ 

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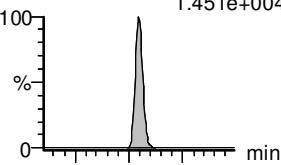
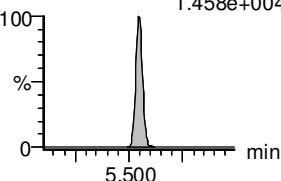
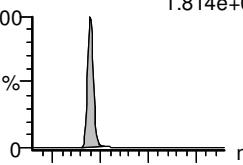
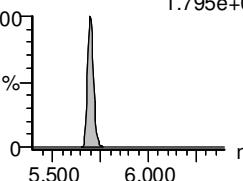
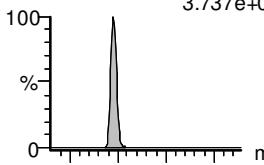
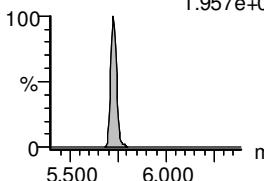
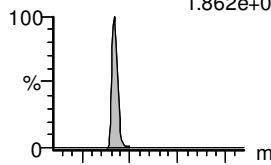
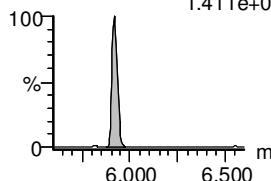
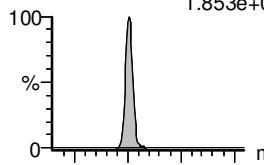
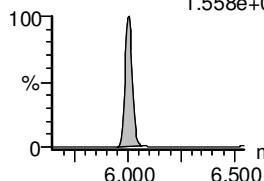
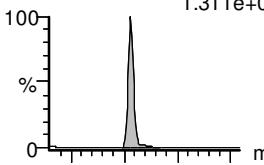
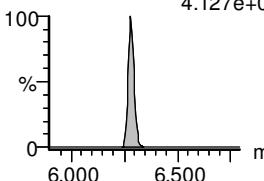
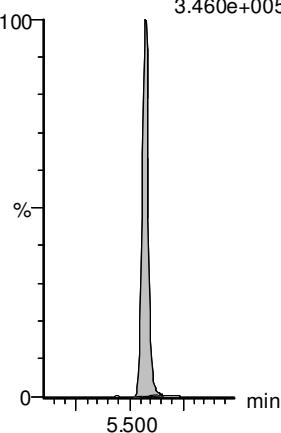
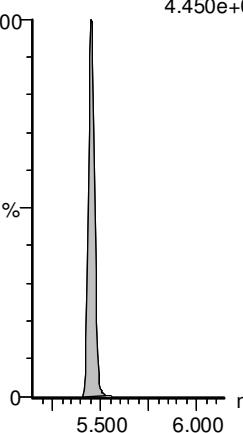
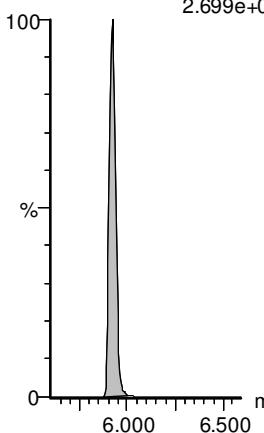
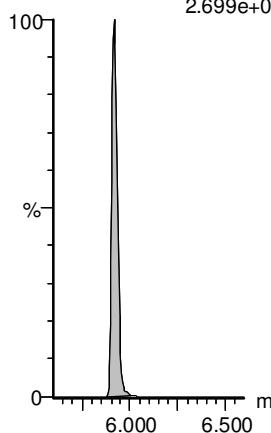
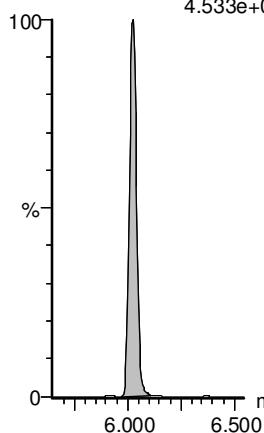
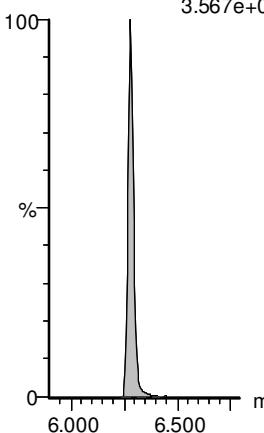
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Name: 210325M1_8, Date: 25-Mar-2021, Time: 13:58:45, ID: ST210325M1-5 PFC CS2 21C0805, Description: PFC CS2 21C0805

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
1.451e+004F41:MRM of 2 channels,ES-
511.9 > 219
1.458e+004**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
1.814e+005F67:MRM of 2 channels,ES-
662.9 > 319
1.795e+004**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
3.737e+004F68:MRM of 2 channels,ES-
698.9 > 99
1.957e+004**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
1.862e+005F69:MRM of 2 channels,ES-
713. > 369.0
1.411e+004**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
1.853e+004F45:MRM of 2 channels,ES-
526 > 219
1.558e+004**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
1.311e+005F71:MRM of 2 channels,ES-
813.1 > 219
4.127e+003**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.460e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.450e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.699e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.699e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.533e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.567e+005

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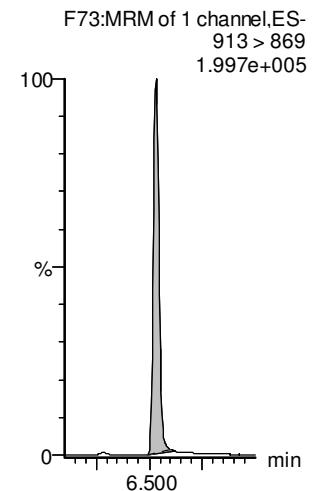
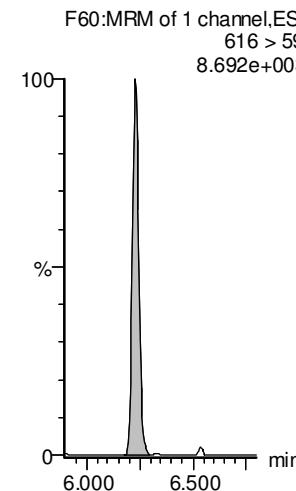
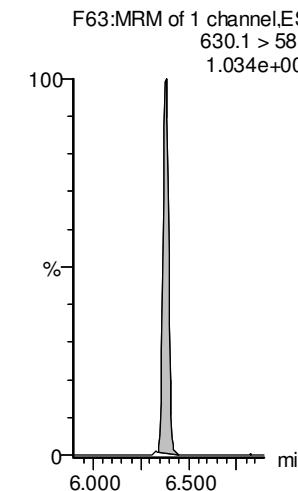
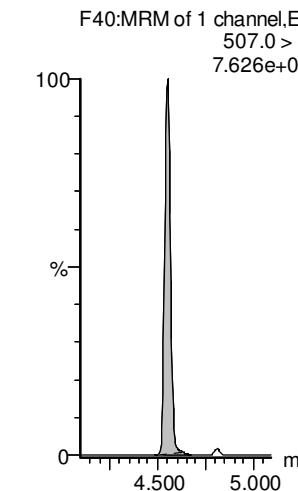
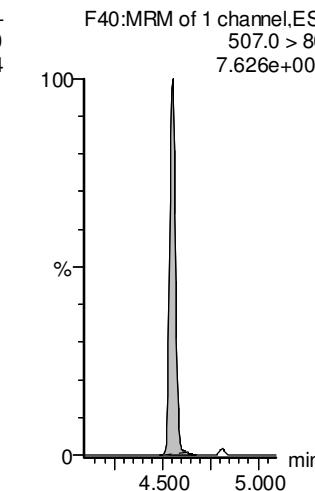
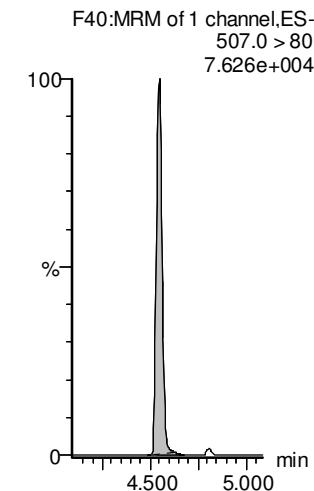
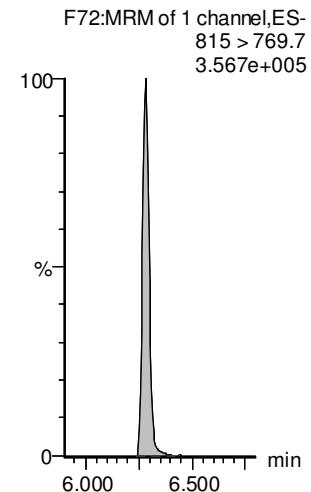
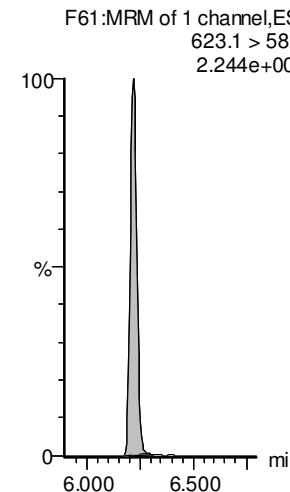
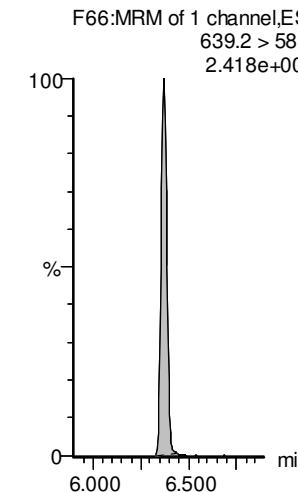
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Name: 210325M1_8, Date: 25-Mar-2021, Time: 13:58:45, ID: ST210325M1-5 PFC CS2 21C0805, Description: PFC CS2 21C0805

PFODA**N-MeFOSE****N-EtFOSE****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFHxD-DA-EIS****d7-N-MeFOSE-EIS****d9-N-EtFOSE-EIS**

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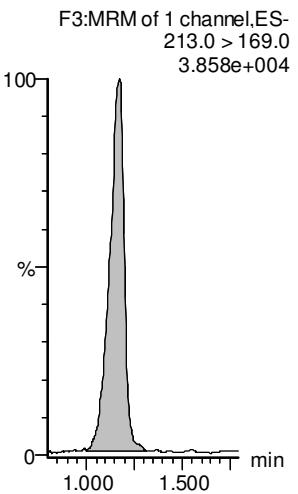
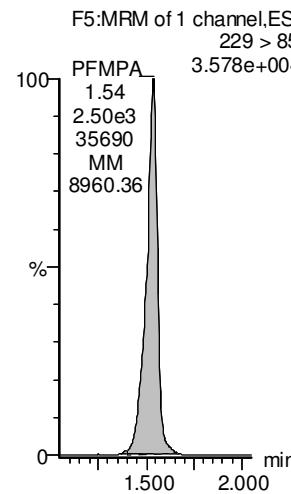
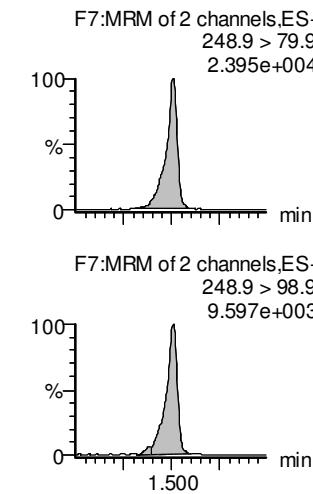
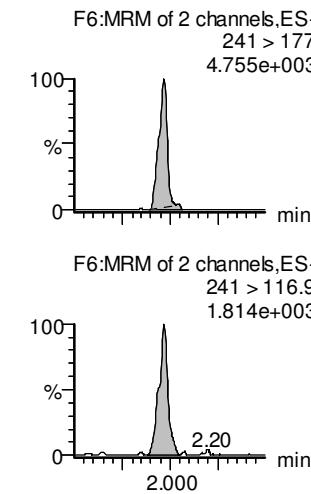
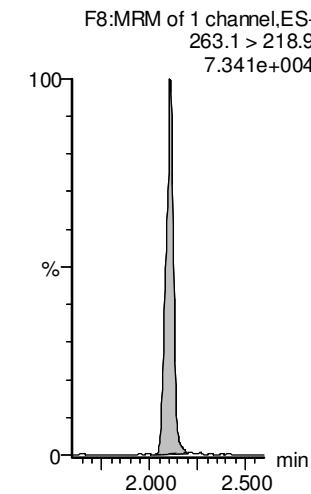
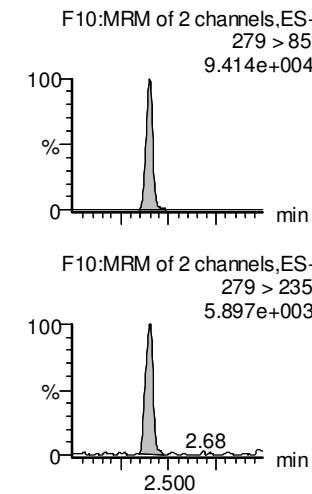
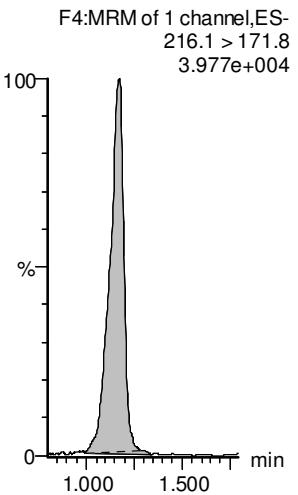
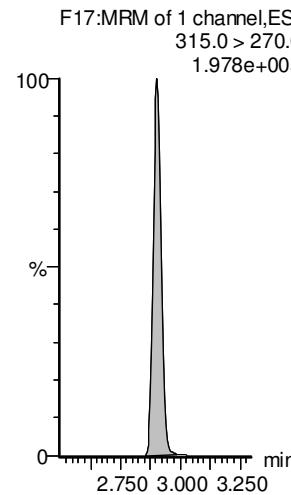
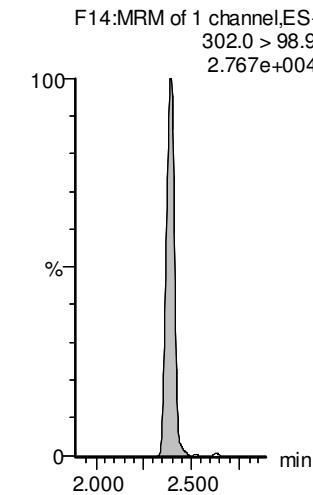
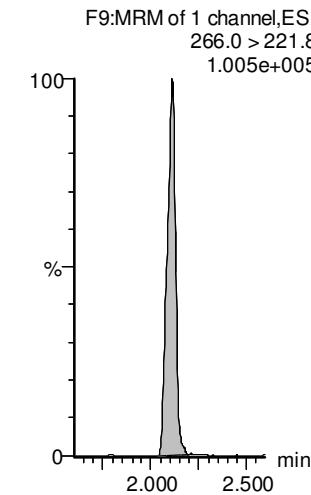
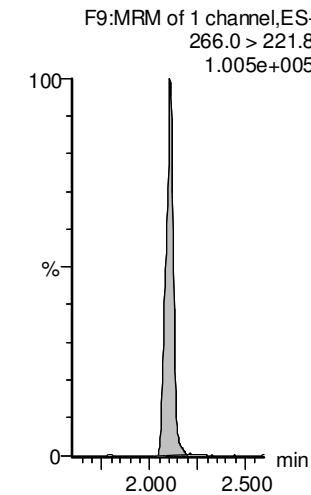
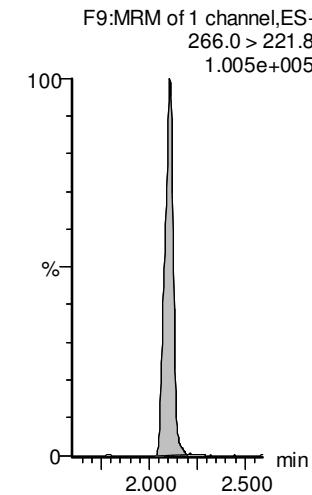
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Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

PFBA**PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

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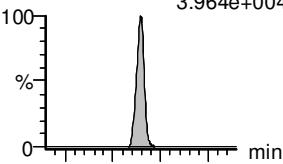
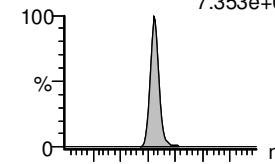
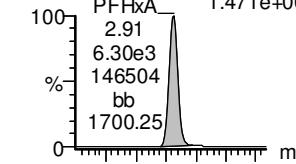
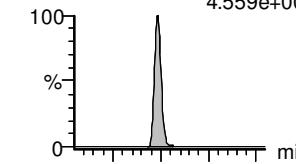
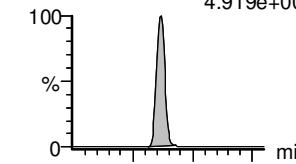
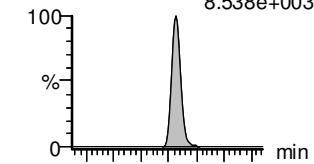
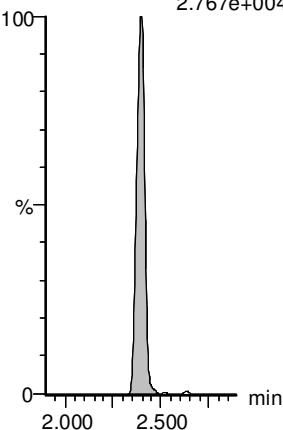
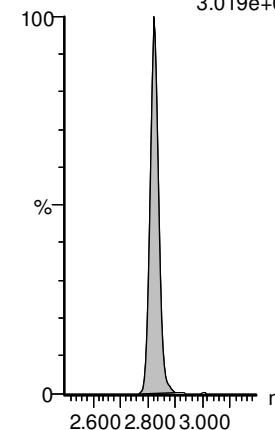
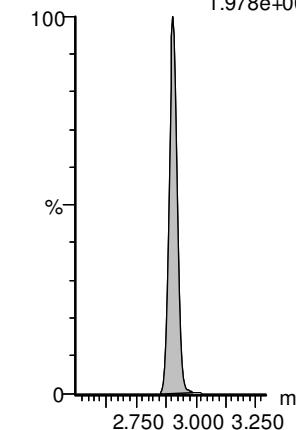
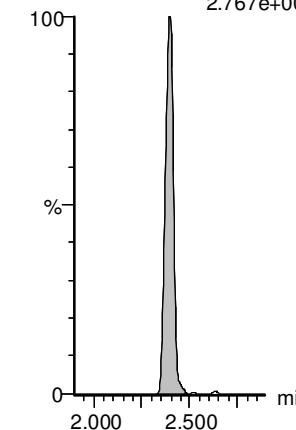
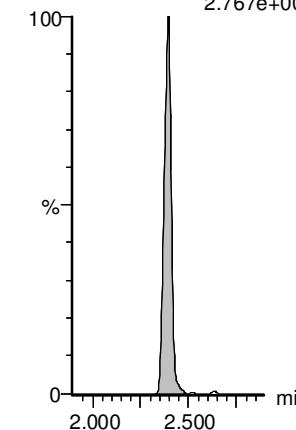
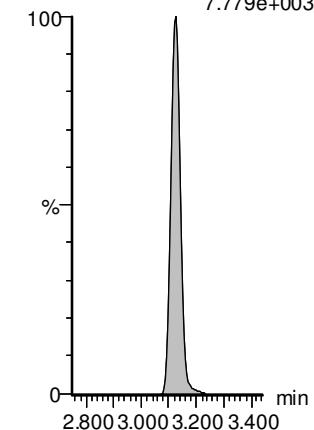
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Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
3.964e+004**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
7.353e+004**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
1.471e+005**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
4.559e+004**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
4.919e+004**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
8.538e+003**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.767e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
3.019e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.978e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.767e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.767e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
7.779e+003

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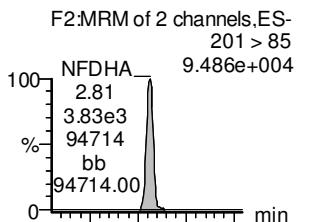
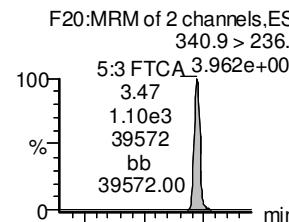
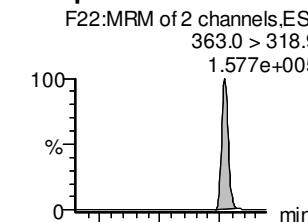
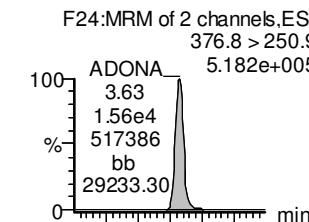
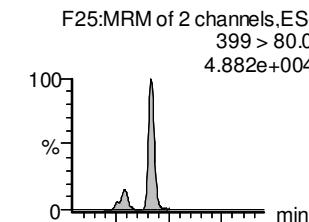
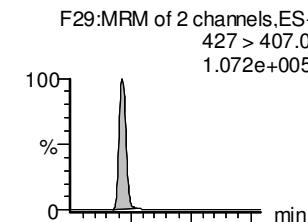
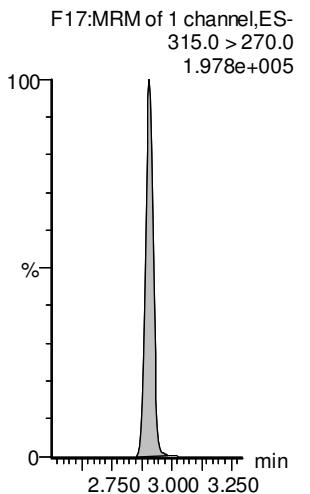
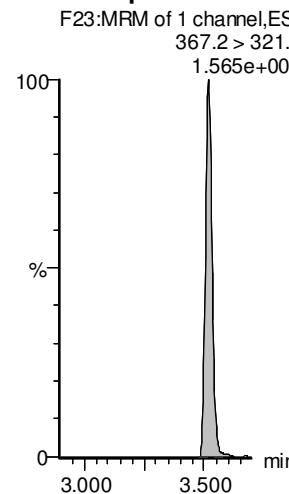
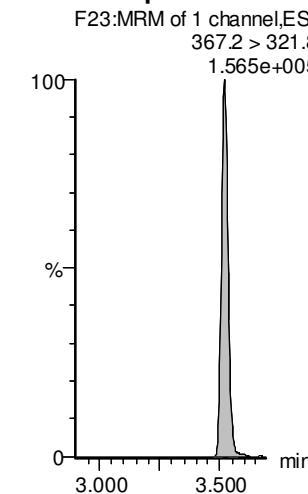
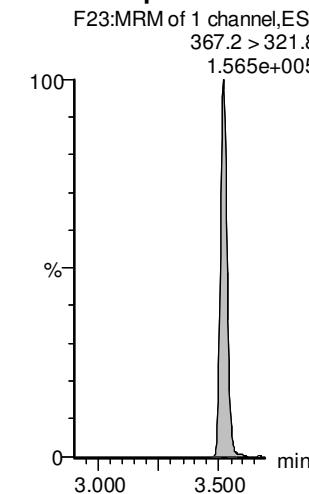
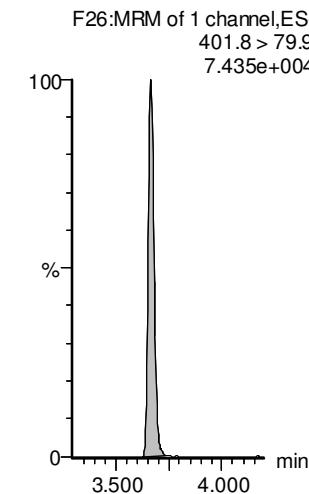
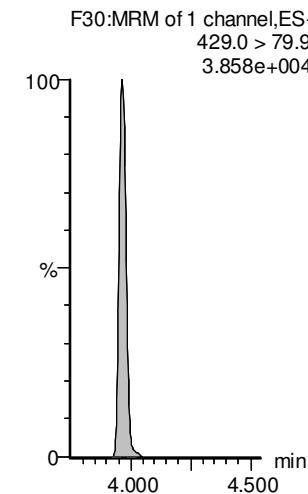
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Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFhxS****6:2 FTS****13C2-PFhxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFhxS-EIS****13C2-6:2 FTS-EIS**

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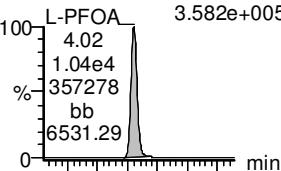
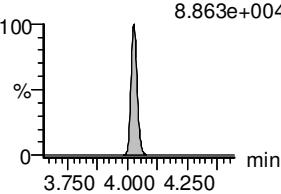
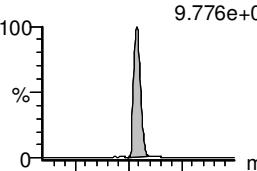
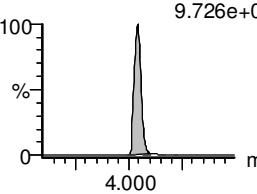
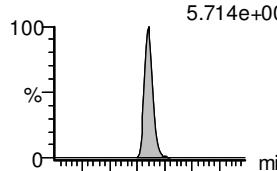
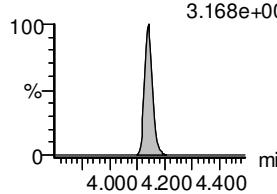
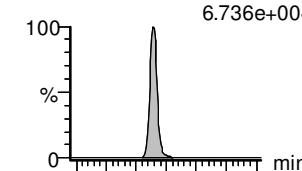
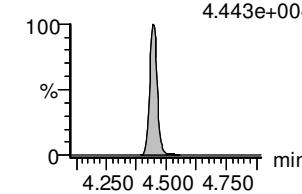
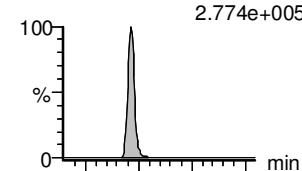
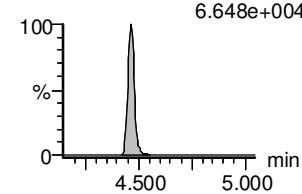
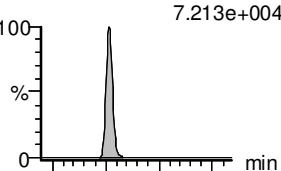
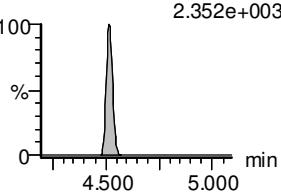
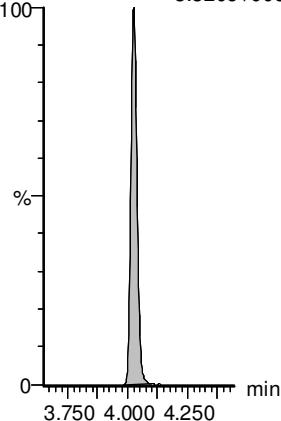
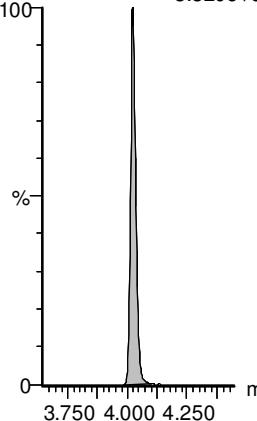
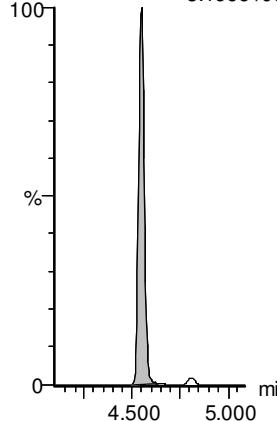
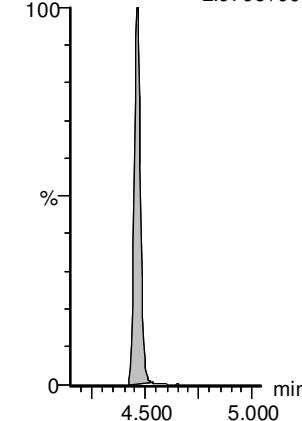
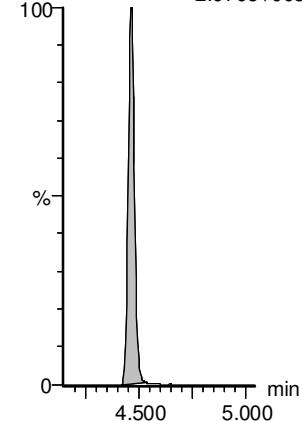
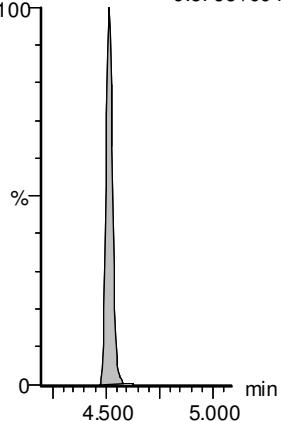
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Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
3.582e+005F27:MRM of 2 channels,ES-
412.8 > 169
8.863e+004**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0
9.776e+004F33:MRM of 2 channels,ES-
460.8 > 98.9
9.726e+004**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
5.714e+004F32:MRM of 2 channels,ES-
448.9 > 99.0
3.168e+004**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0
6.736e+004F31:MRM of 2 channels,ES-
441.0 > 317.0
4.443e+004**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
2.774e+005F34:MRM of 2 channels,ES-
463.0 > 219.0
6.648e+004**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
7.213e+004F36:MRM of 2 channels,ES-
498.0 > 169.0
2.352e+003**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
3.320e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
3.320e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.166e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.979e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.979e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
9.576e+004

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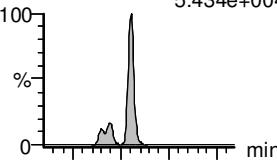
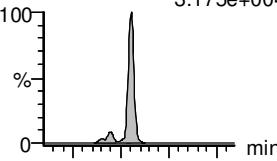
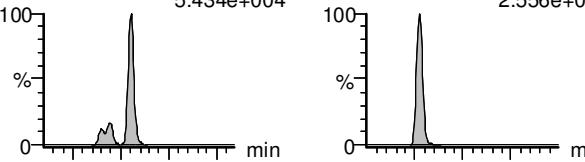
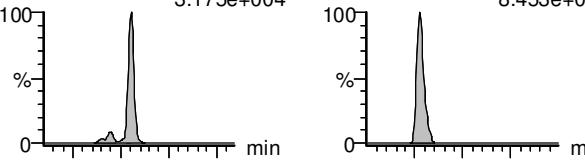
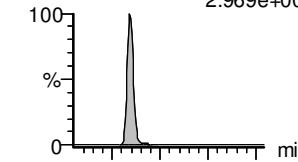
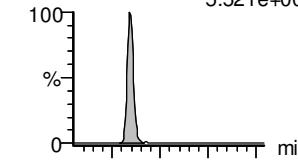
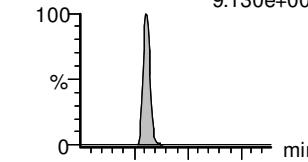
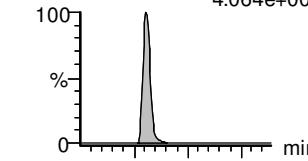
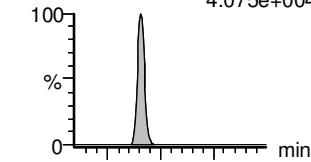
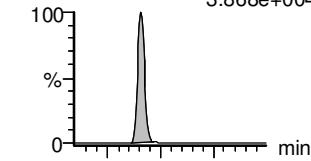
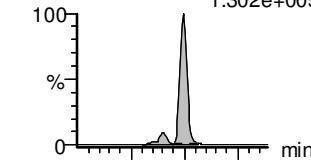
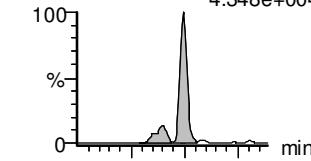
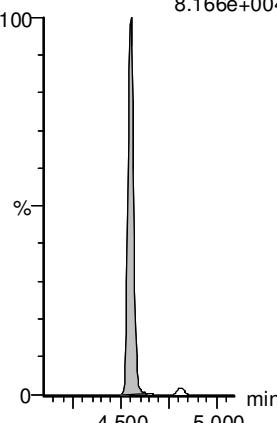
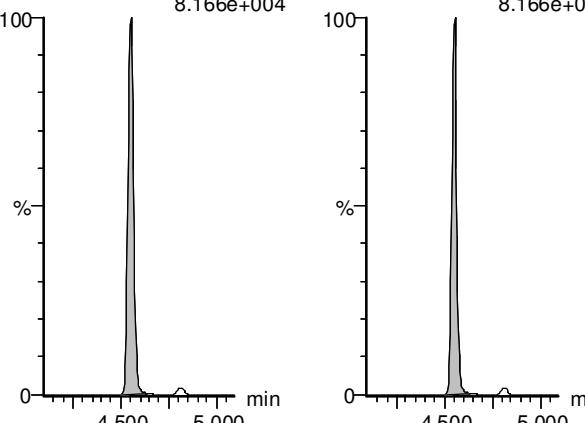
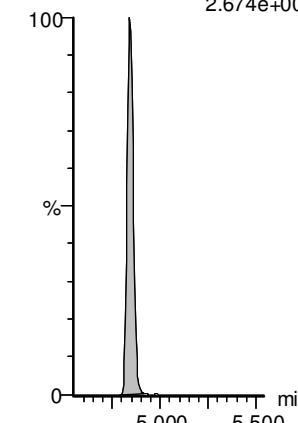
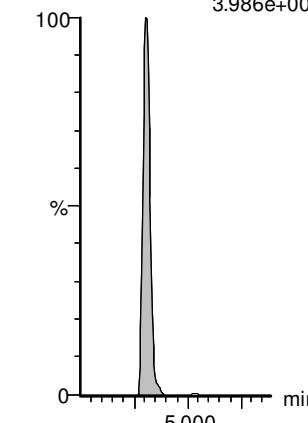
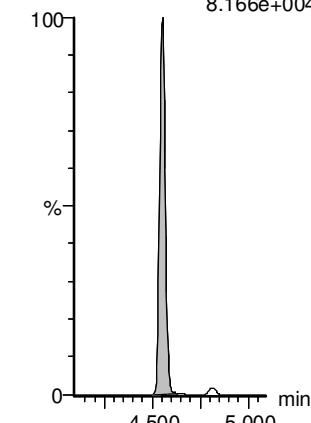
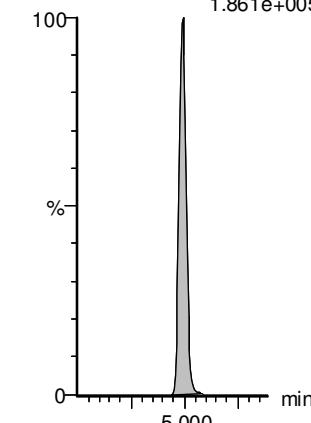
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Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
5.434e+004F38:MRM of 2 channels,ES-
499 > 99
3.175e+004**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
2.556e+005F48:MRM of 2 channels,ES-
530.9 > 82.9
8.453e+003**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
2.969e+005F42:MRM of 2 channels,ES-
513 > 219
5.521e+004**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
9.130e+004F46:MRM of 2 channels,ES-
527 > 80.9
4.064e+004**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
4.075e+004F50:MRM of 2 channels,ES-
548.9 > 99
3.868e+004**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
1.302e+005F53:MRM of 2 channels,ES-
570 > 512
4.348e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.166e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.166e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.674e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.986e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.166e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.861e+005

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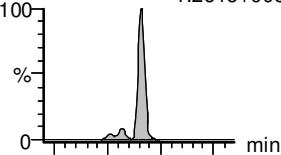
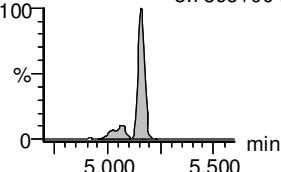
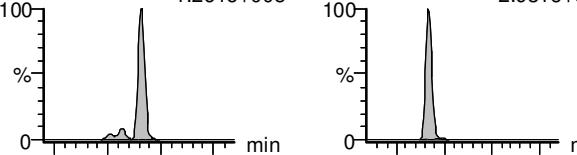
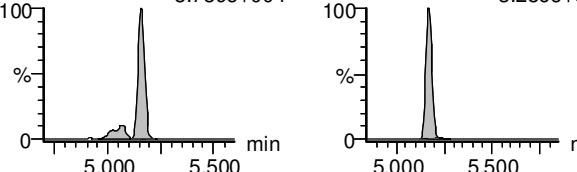
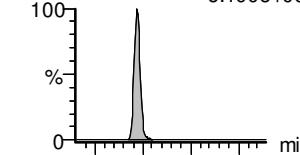
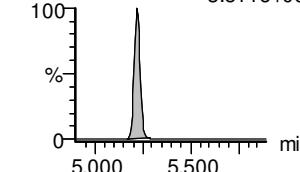
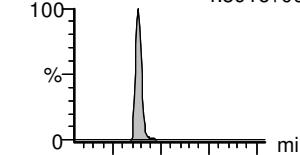
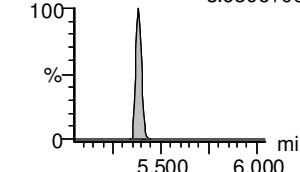
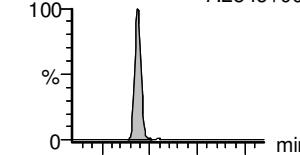
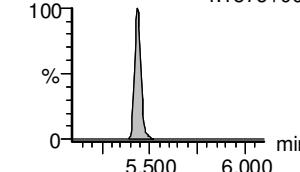
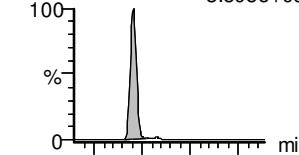
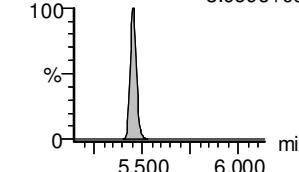
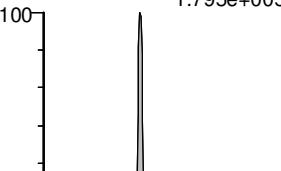
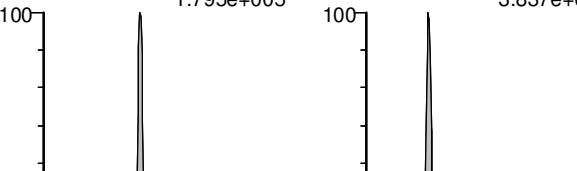
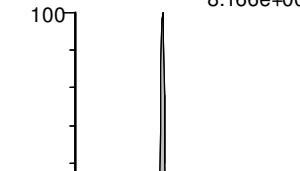
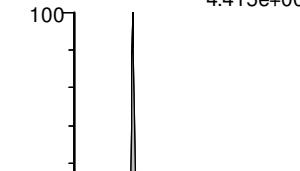
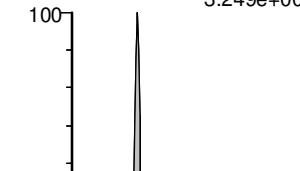
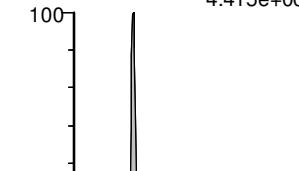
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
1.261e+005F55:MRM of 2 channels,ES-
584 > 526
8.739e+004**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
2.931e+005F51:MRM of 2 channels,ES-
563.0 > 269
3.286e+004**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
6.100e+004F57:MRM of 2 channels,ES-
599.0 > 99.0
3.511e+004**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
1.891e+005F64:MRM of 2 channels,ES-
630.9 > 83.
8.639e+003**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
7.254e+004F62:MRM of 2 channels,ES-
626.9 > 81
4.157e+004**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
3.505e+005F58:MRM of 2 channels,ES-
612.9 > 318.8
3.969e+004**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.795e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
3.837e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.166e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.415e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
3.249e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.415e+005

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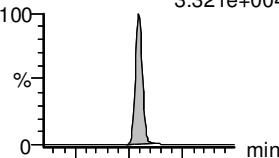
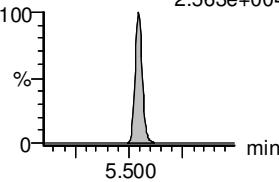
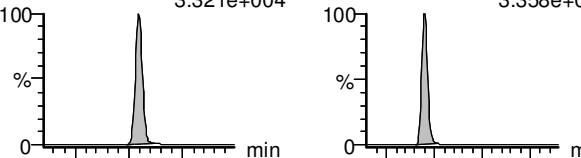
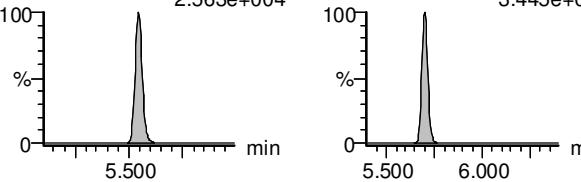
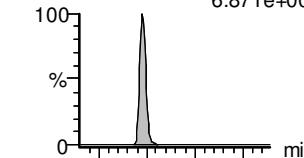
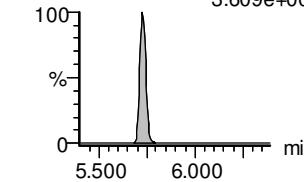
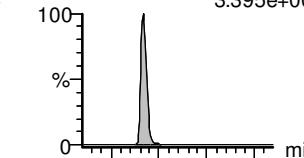
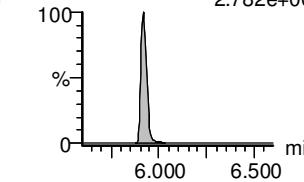
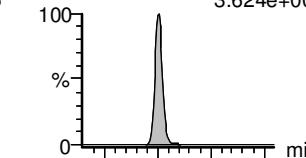
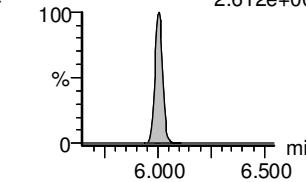
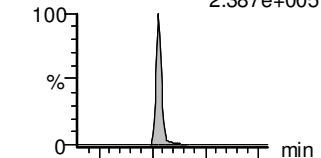
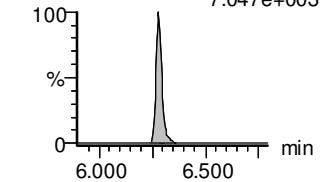
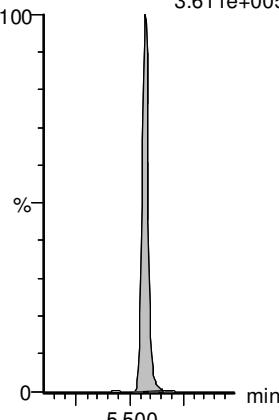
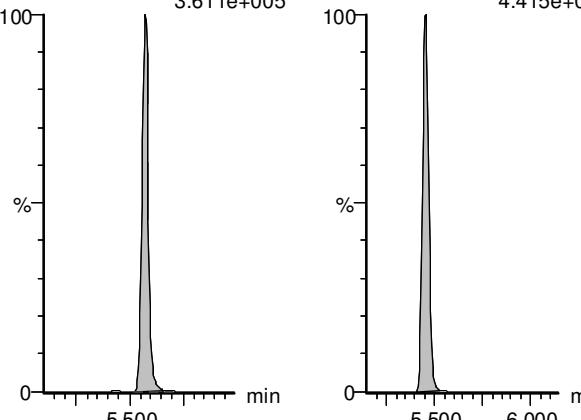
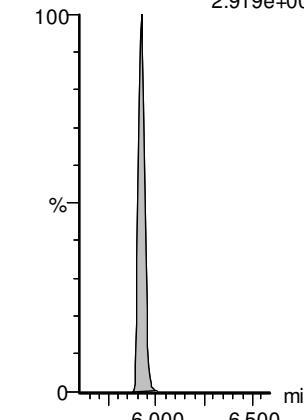
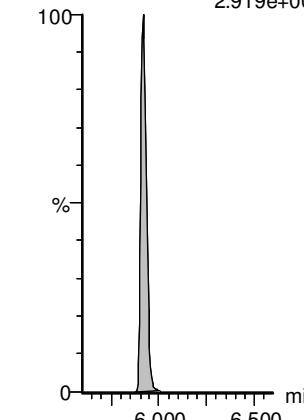
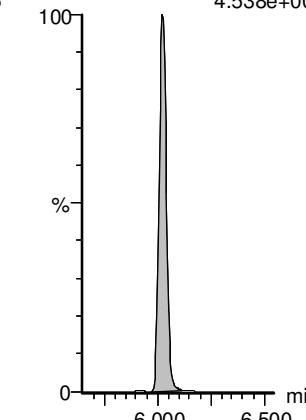
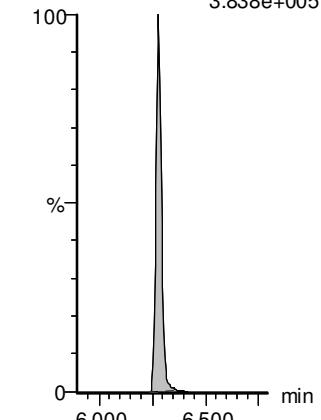
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Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
3.321e+004F41:MRM of 2 channels,ES-
511.9 > 219
2.563e+004**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
3.358e+005F67:MRM of 2 channels,ES-
662.9 > 319
3.445e+004**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
6.871e+004F68:MRM of 2 channels,ES-
698.9 > 99
3.609e+004**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
3.395e+005F69:MRM of 2 channels,ES-
713. > 369.0
2.782e+004**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
3.624e+004F45:MRM of 2 channels,ES-
526 > 219
2.612e+004**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
2.387e+005F71:MRM of 2 channels,ES-
813.1 > 219
7.047e+003**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.611e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.415e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.919e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.919e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.538e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.838e+005

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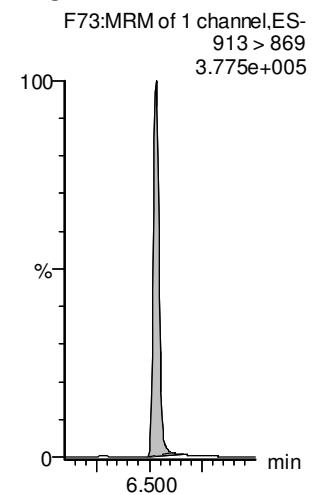
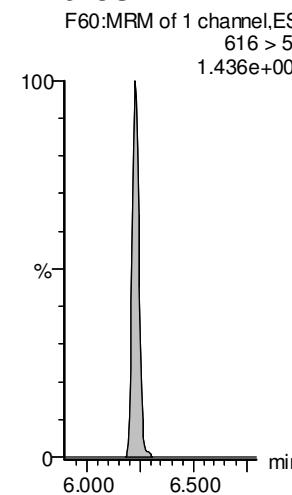
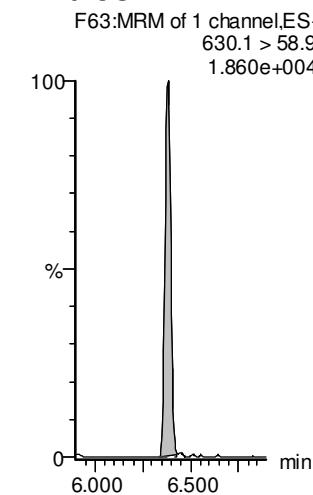
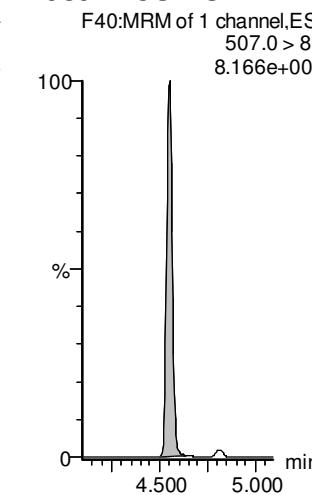
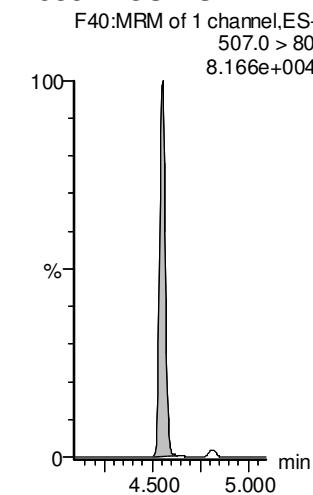
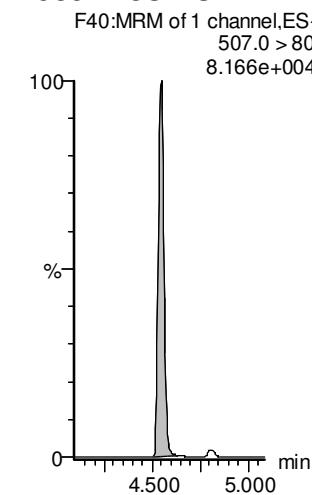
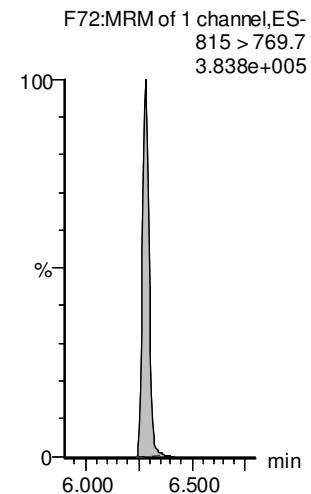
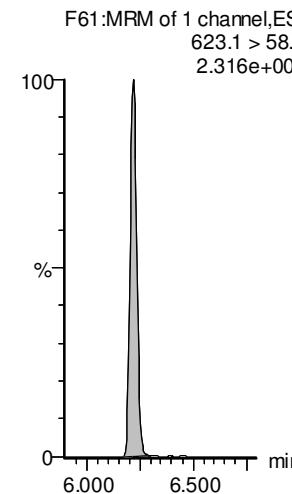
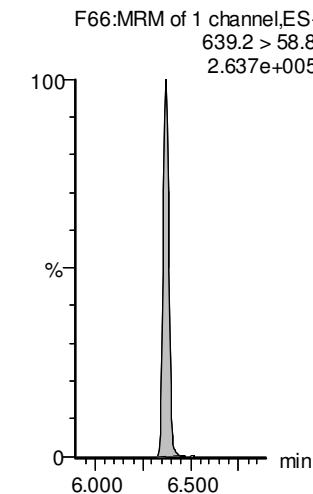
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Name: 210325M1_9, Date: 25-Mar-2021, Time: 14:09:08, ID: ST210325M1-6 PFC CS3 21C0806, Description: PFC CS3 21C0806

PFODA**N-MeFOSE****N-EtFOSE****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFHxD-DA-EIS****d7-N-MeFOSE-EIS****d9-N-EtFOSE-EIS**

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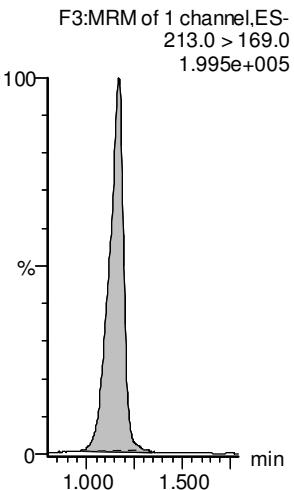
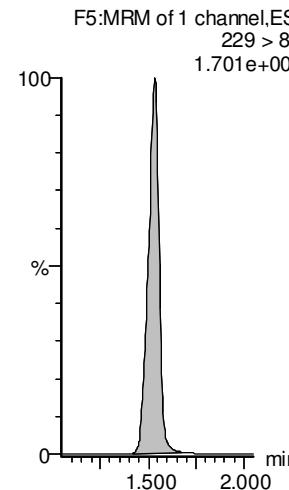
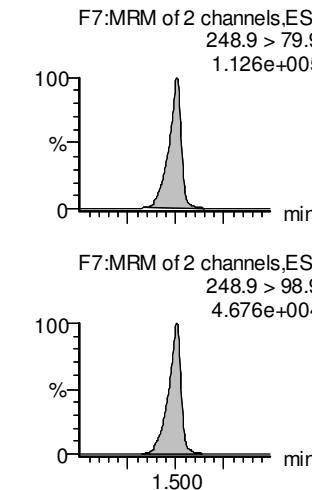
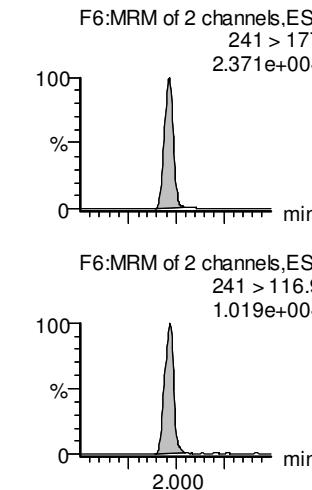
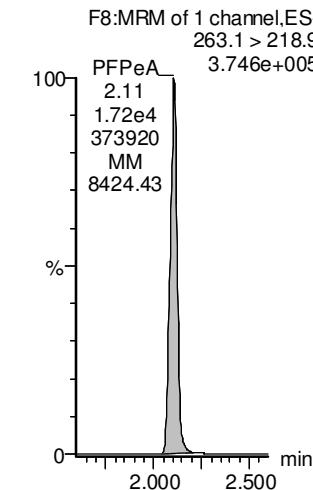
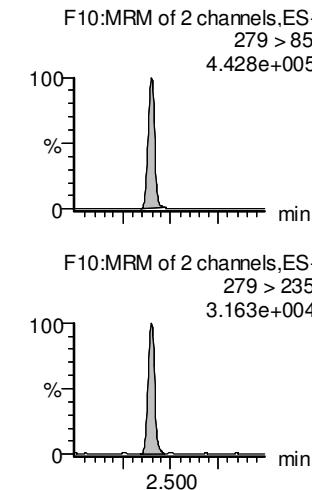
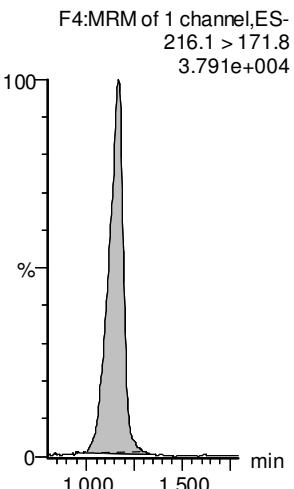
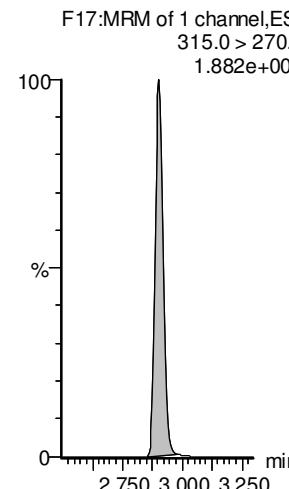
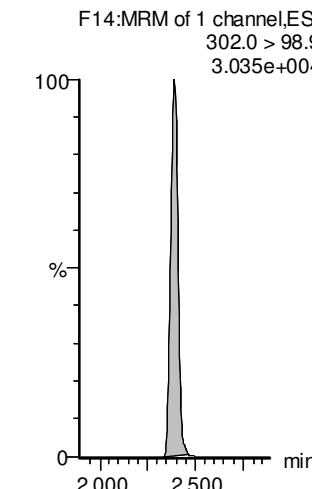
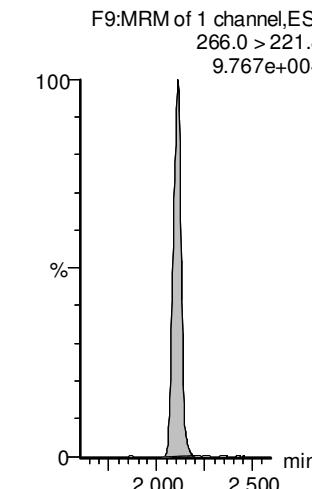
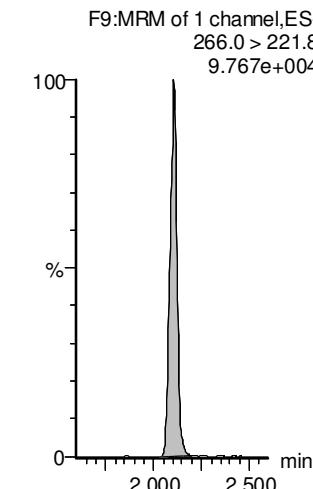
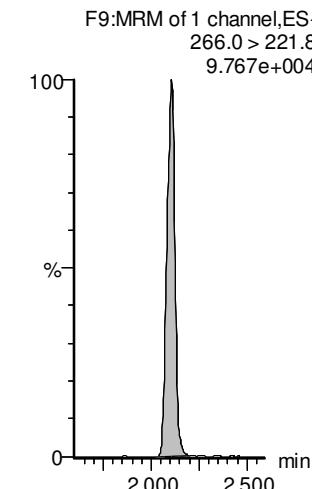
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Name: 210325M1_10, Date: 25-Mar-2021, Time: 14:19:29, ID: ST210325M1-7 PFC CS4 21C0807, Description: PFC CS4 21C0807

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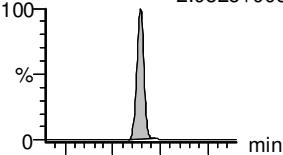
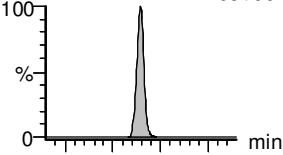
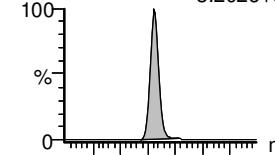
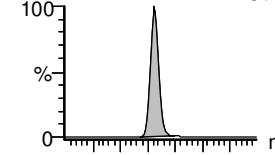
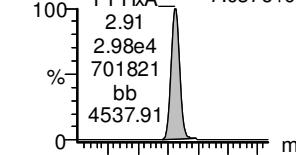
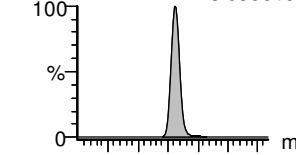
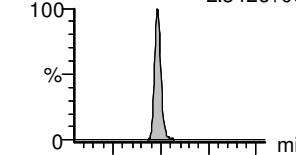
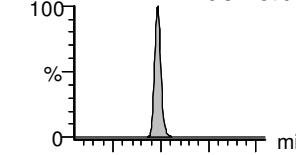
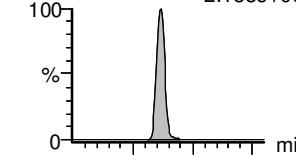
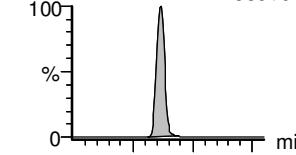
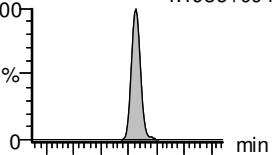
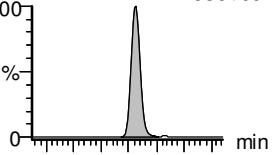
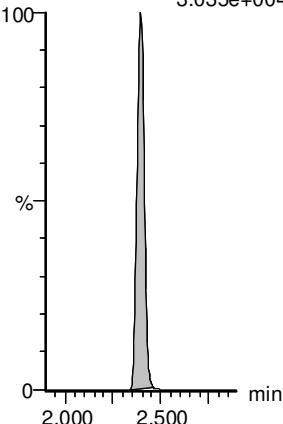
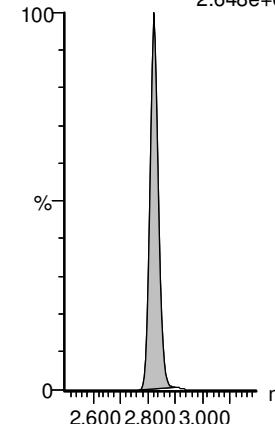
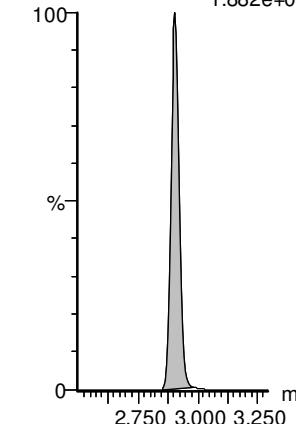
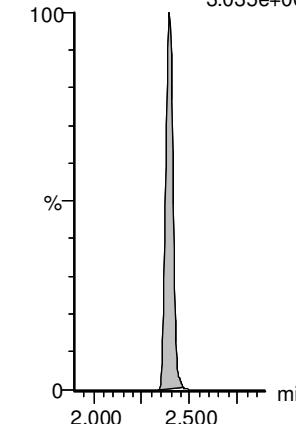
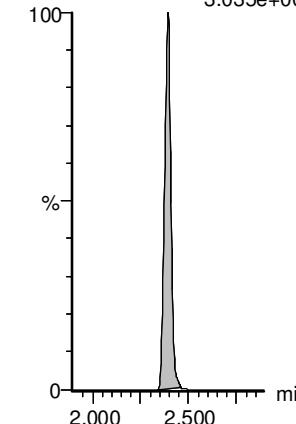
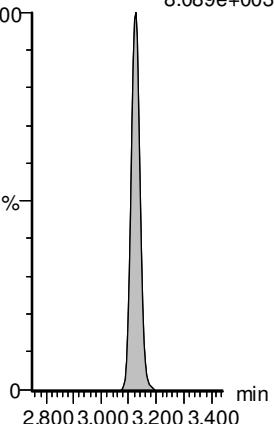
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Name: 210325M1_10, Date: 25-Mar-2021, Time: 14:19:29, ID: ST210325M1-7 PFC CS4 21C0807, Description: PFC CS4 21C0807

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
2.052e+005F13:MRM of 2 channels,ES-
299.0 > 99.0
7.270e+004**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
3.202e+005F18:MRM of 2 channels,ES-
327.0 > 80.9
1.777e+005**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
7.037e+005F15:MRM of 2 channels,ES-
313 > 118.9
3.980e+004**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
2.342e+005F16:MRM of 2 channels,ES-
315 > 83
6.377e+004**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
2.188e+005F21:MRM of 2 channels,ES-
349.0 > 99.0
1.258e+005**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
4.193e+004F11:MRM of 2 channels,ES-
285 > 185.0
1.463e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
3.035e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.648e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.882e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
3.035e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
3.035e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
8.089e+003

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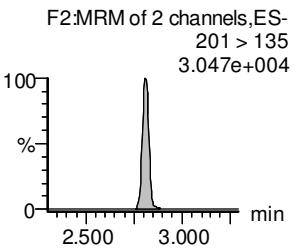
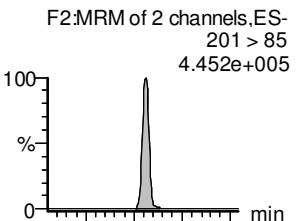
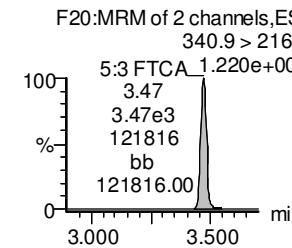
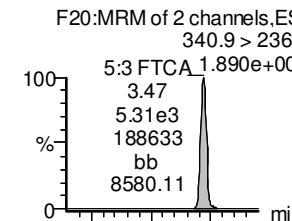
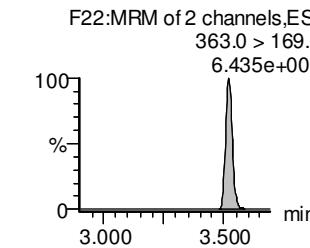
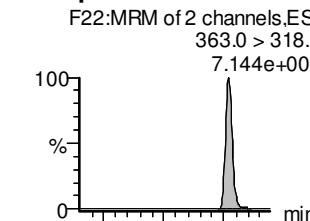
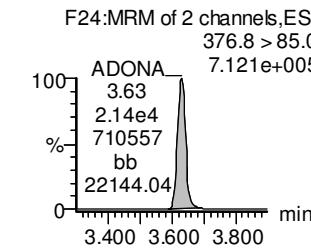
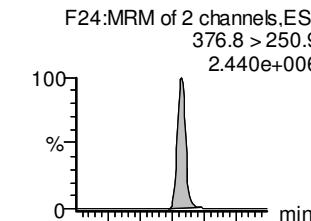
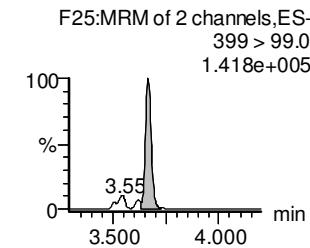
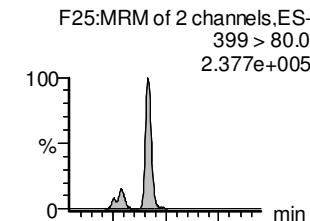
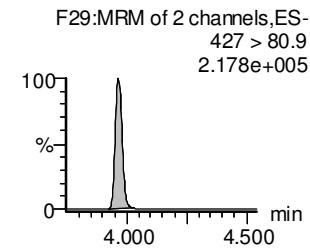
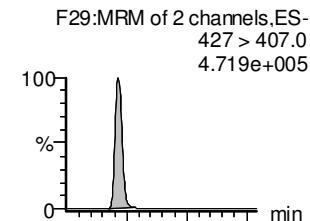
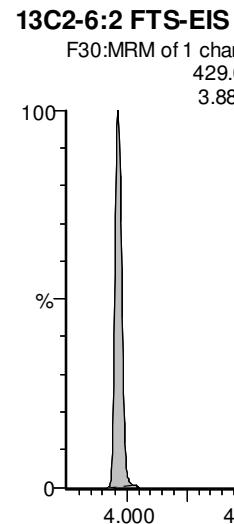
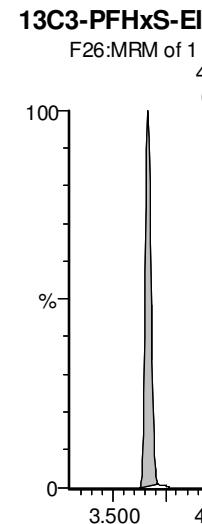
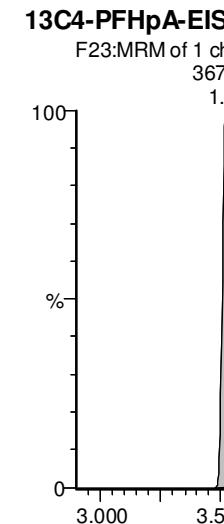
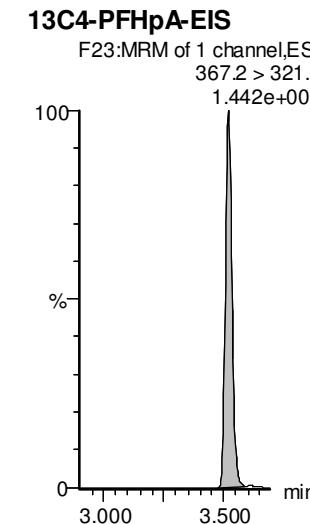
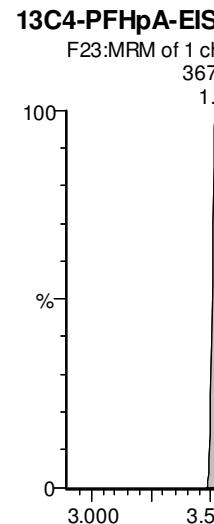
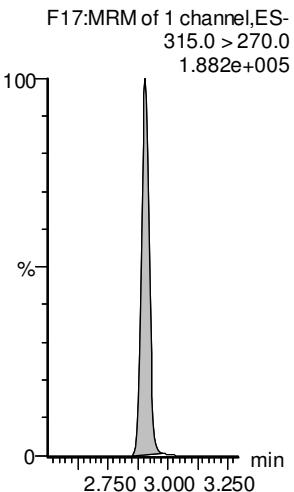
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NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFhxS****6:2 FTS****13C2-PFhxA-EIS**

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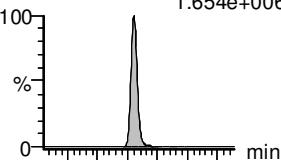
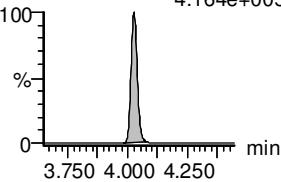
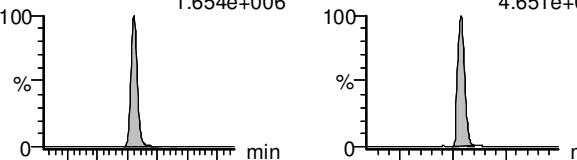
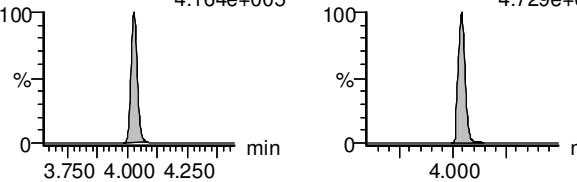
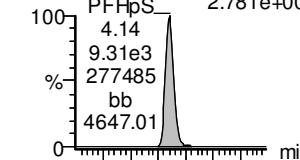
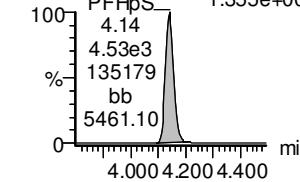
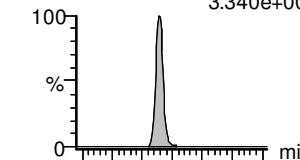
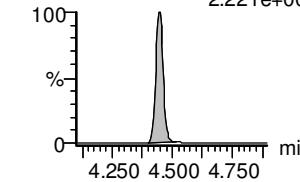
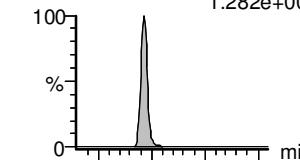
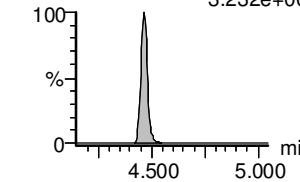
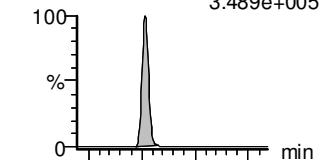
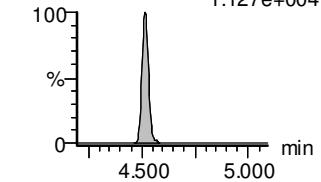
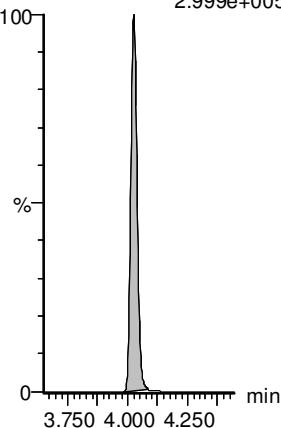
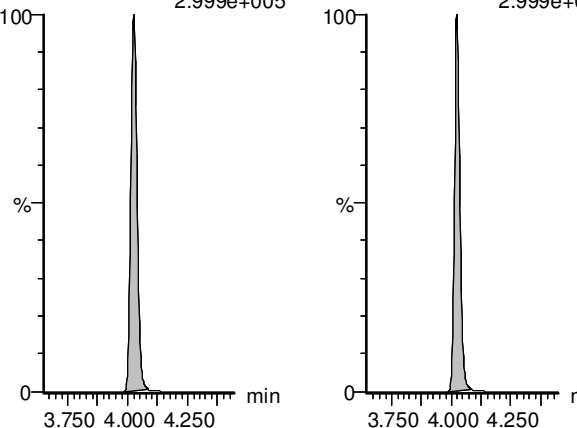
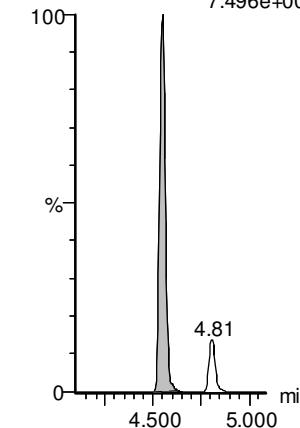
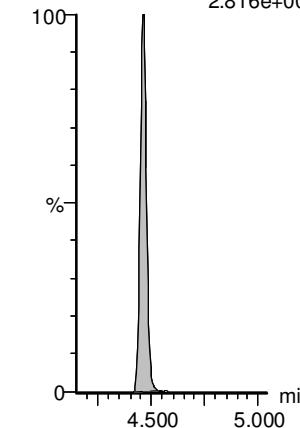
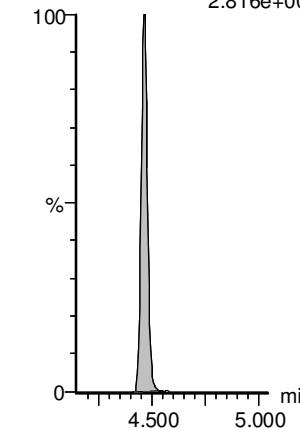
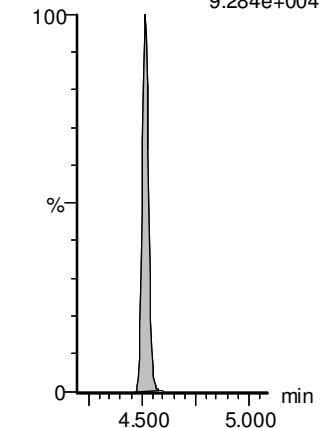
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L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
1.654e+006F27:MRM of 2 channels,ES-
412.8 > 169
4.164e+005**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0
4.651e+005F33:MRM of 2 channels,ES-
460.8 > 98.9
4.729e+005**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
2.781e+005F32:MRM of 2 channels,ES-
448.9 > 99.0
1.355e+005**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0
3.340e+005F31:MRM of 2 channels,ES-
441.0 > 317.0
2.221e+005**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
1.282e+006F34:MRM of 2 channels,ES-
463.0 > 219.0
3.232e+005**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
3.489e+005F36:MRM of 2 channels,ES-
498.0 > 169.0
1.127e+004**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.999e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.999e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.496e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.816e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.816e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
9.284e+004

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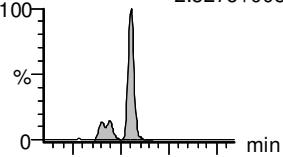
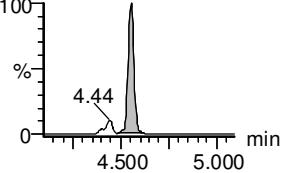
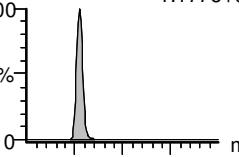
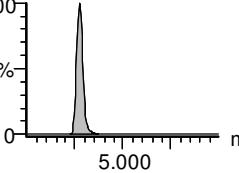
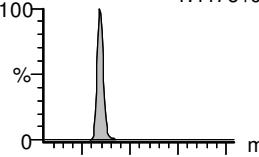
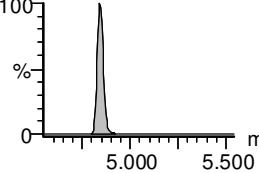
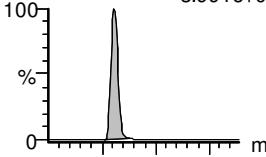
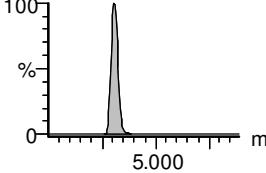
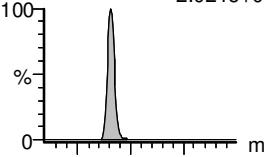
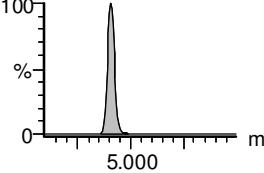
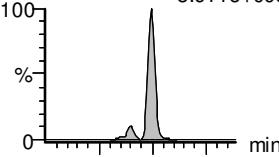
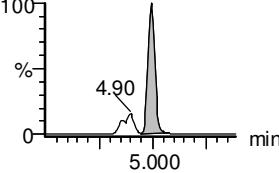
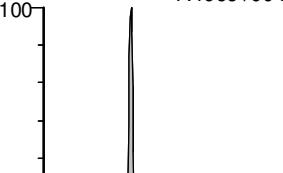
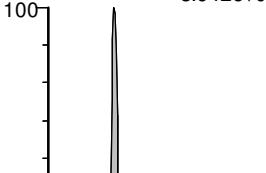
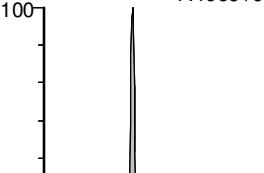
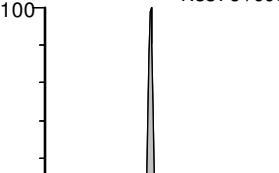
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L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
2.527e+005F38:MRM of 2 channels,ES-
499 > 99
1.429e+005**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
1.177e+006F48:MRM of 2 channels,ES-
530.9 > 82.9
3.981e+004**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
1.447e+006F42:MRM of 2 channels,ES-
513 > 219
2.647e+005**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
3.991e+005F46:MRM of 2 channels,ES-
527 > 80.9
2.036e+005**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
2.021e+005F50:MRM of 2 channels,ES-
548.9 > 99
1.920e+005**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
5.911e+005F53:MRM of 2 channels,ES-
570 > 512
2.057e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.496e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.496e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.526e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.642e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.496e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.837e+005

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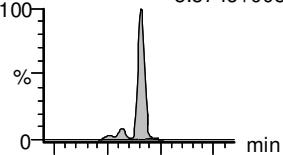
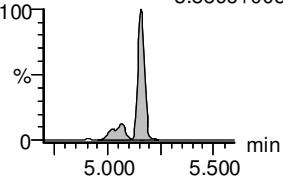
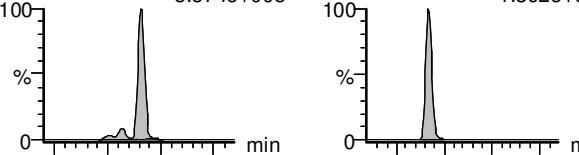
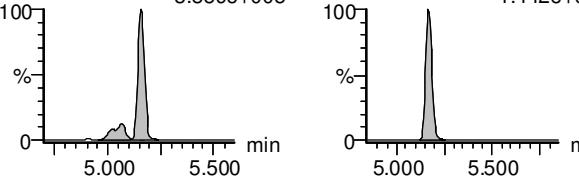
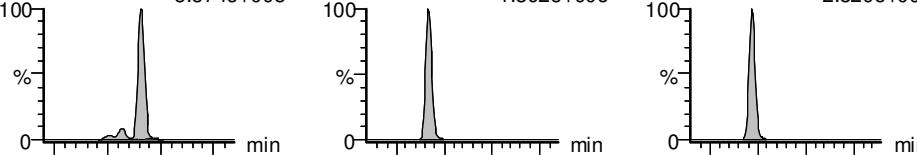
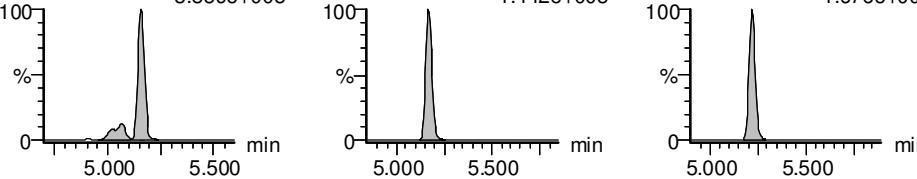
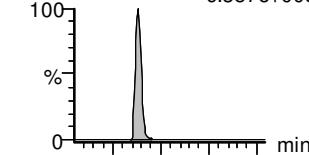
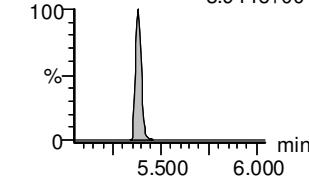
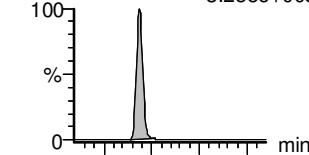
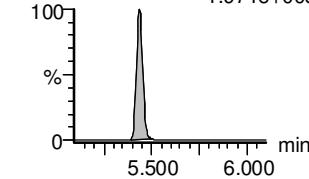
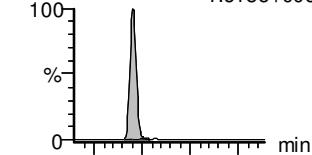
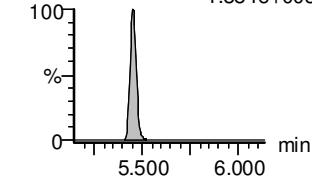
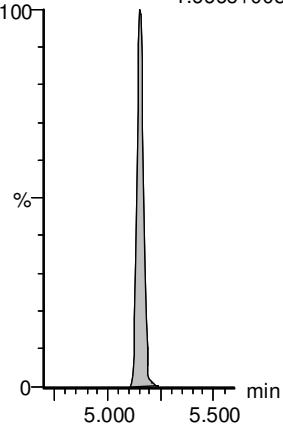
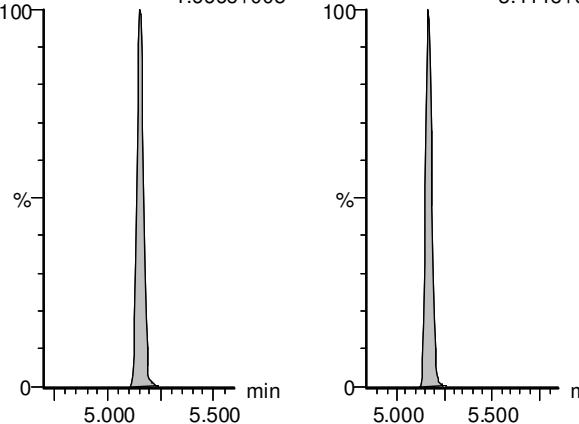
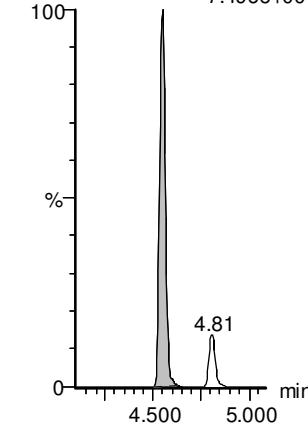
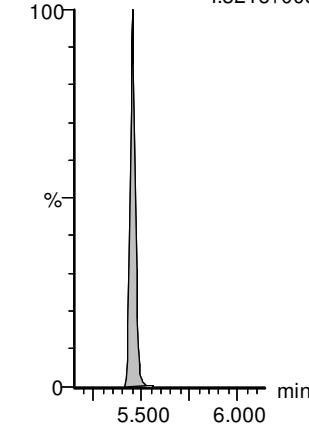
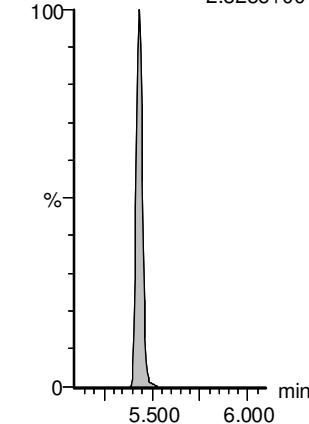
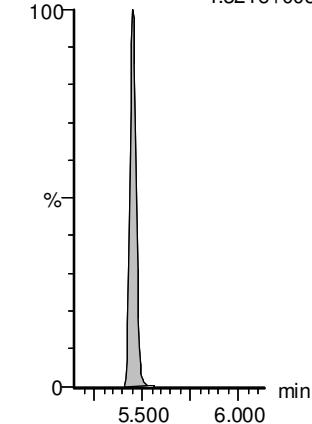
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Name: 210325M1_10, Date: 25-Mar-2021, Time: 14:19:29, ID: ST210325M1-7 PFC CS4 21C0807, Description: PFC CS4 21C0807

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
5.574e+005F55:MRM of 2 channels,ES-
584 > 526
3.859e+005**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
1.392e+006F51:MRM of 2 channels,ES-
563.0 > 269
1.442e+005**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
2.820e+005F57:MRM of 2 channels,ES-
599.0 > 99.0
1.676e+005**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
9.357e+005F64:MRM of 2 channels,ES-
630.9 > 83.
3.944e+004**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
3.255e+005F62:MRM of 2 channels,ES-
626.9 > 81
1.971e+005**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
1.615e+006F58:MRM of 2 channels,ES-
612.9 > 318.8
1.884e+005**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.666e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
3.414e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.496e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.321e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
2.825e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.321e+005

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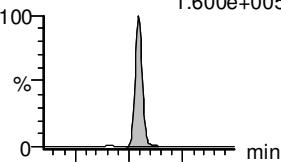
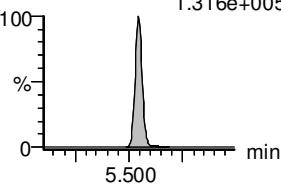
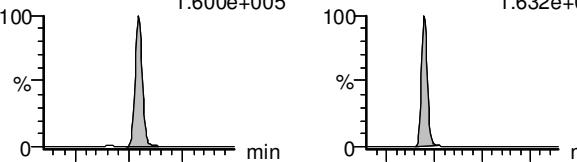
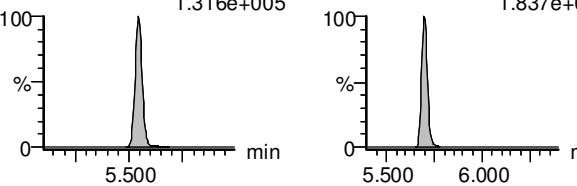
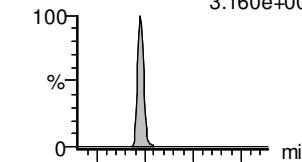
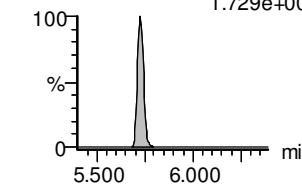
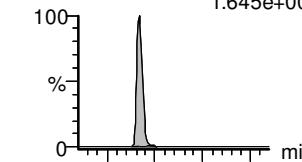
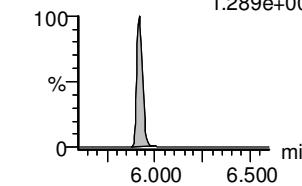
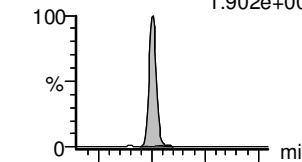
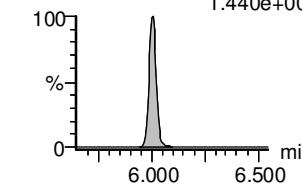
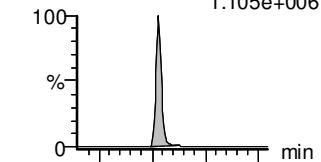
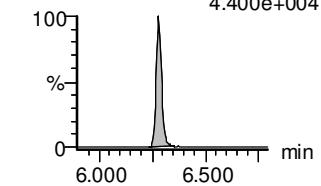
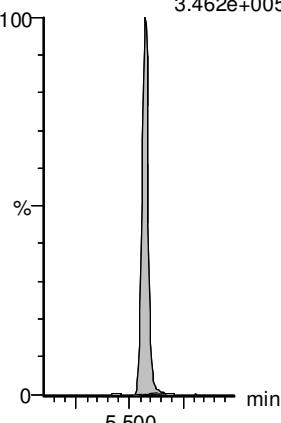
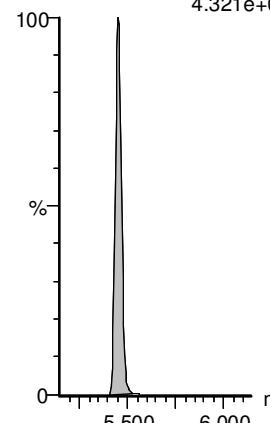
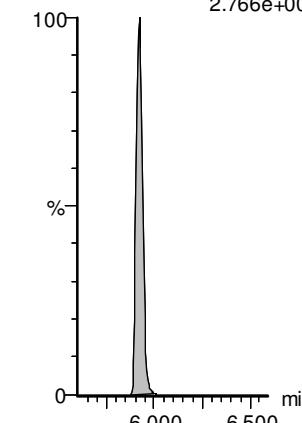
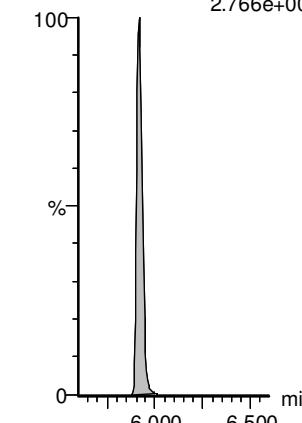
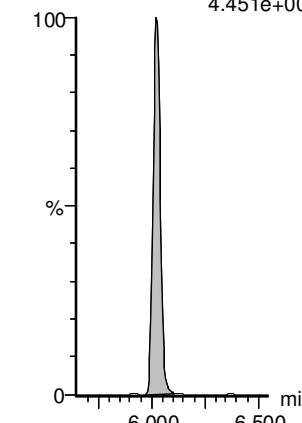
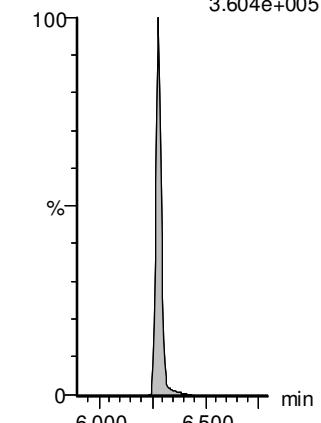
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Name: 210325M1_10, Date: 25-Mar-2021, Time: 14:19:29, ID: ST210325M1-7 PFC CS4 21C0807, Description: PFC CS4 21C0807

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
1.600e+005F41:MRM of 2 channels,ES-
511.9 > 219
1.316e+005**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
1.632e+006F67:MRM of 2 channels,ES-
662.9 > 319
1.837e+005**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
3.160e+005F68:MRM of 2 channels,ES-
698.9 > 99
1.729e+005**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
1.645e+006F69:MRM of 2 channels,ES-
713. > 369.0
1.289e+005**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
1.902e+005F45:MRM of 2 channels,ES-
526 > 219
1.440e+005**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
1.105e+006F71:MRM of 2 channels,ES-
813.1 > 219
4.400e+004**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.462e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.321e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.766e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.766e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.451e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.604e+005

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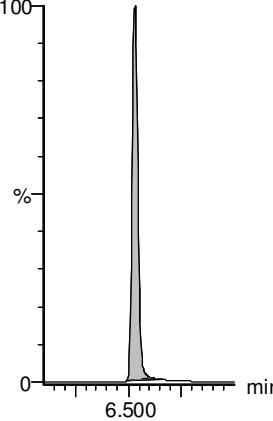
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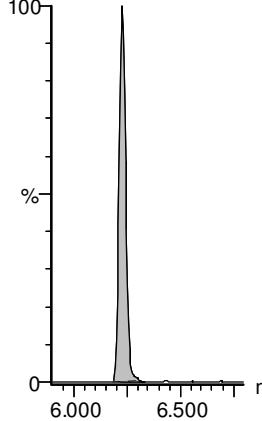
Name: 210325M1_10, Date: 25-Mar-2021, Time: 14:19:29, ID: ST210325M1-7 PFC CS4 21C0807, Description: PFC CS4 21C0807

PFODAF73:MRM of 1 channel,ES-
913 > 869

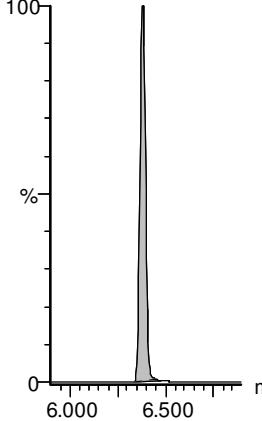
1.813e+006

**N-MeFOSE**F60:MRM of 1 channel,ES-
616 > 59

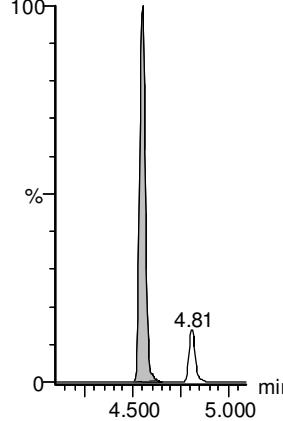
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**N-EtFOSE**F63:MRM of 1 channel,ES-
630.1 > 58.9

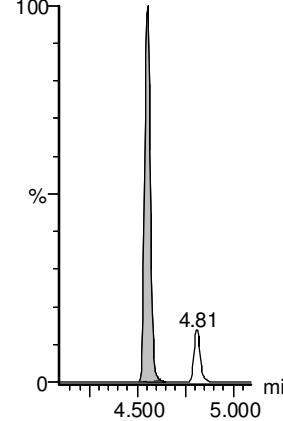
9.327e+004

**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80

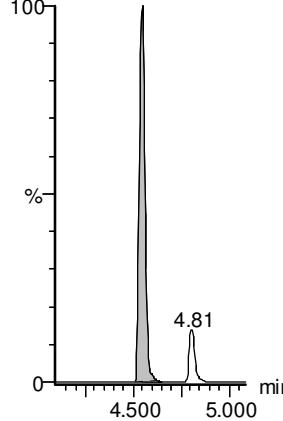
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507.0 > 80

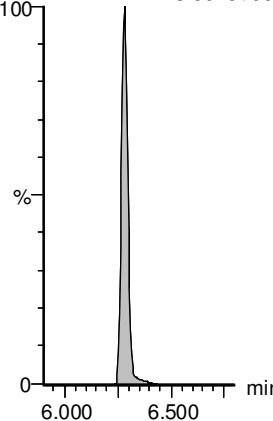
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**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80

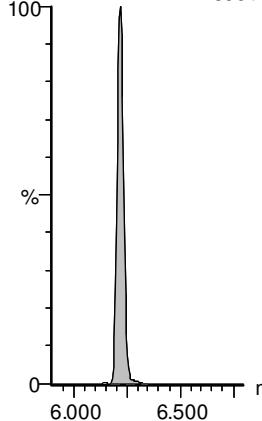
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**13C2-PFHxD-DA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7

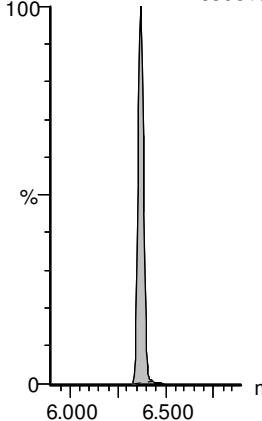
3.604e+005

**d7-N-MeFOSE-EIS**F61:MRM of 1 channel,ES-
623.1 > 58.9

2.285e+005

**d9-N-EtFOSE-EIS**F66:MRM of 1 channel,ES-
639.2 > 58.8

2.550e+005



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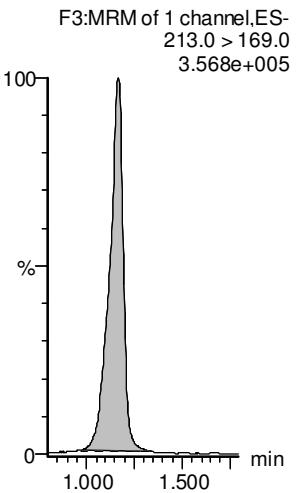
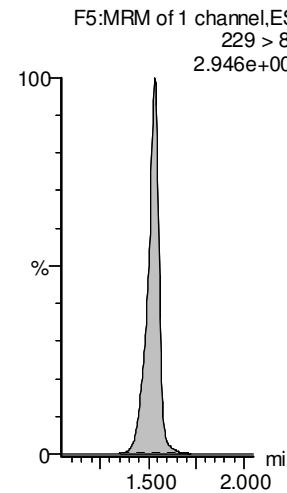
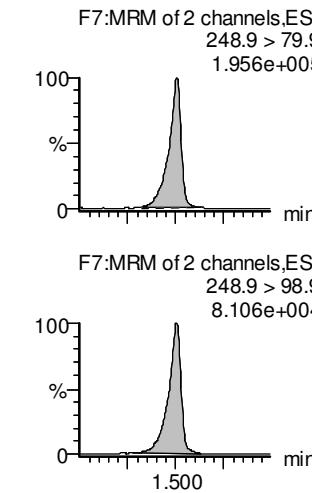
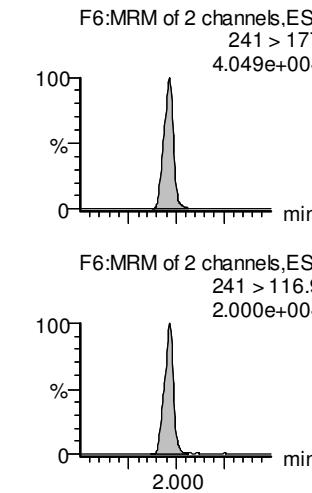
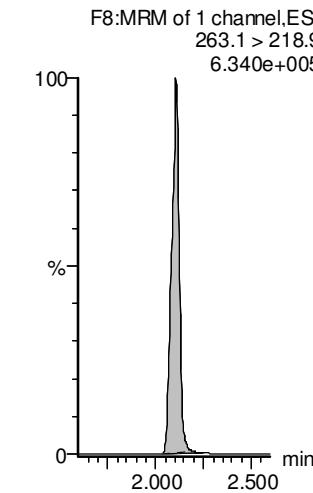
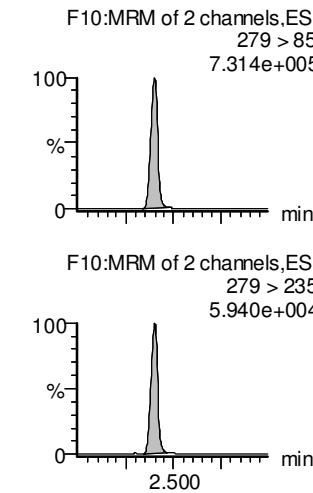
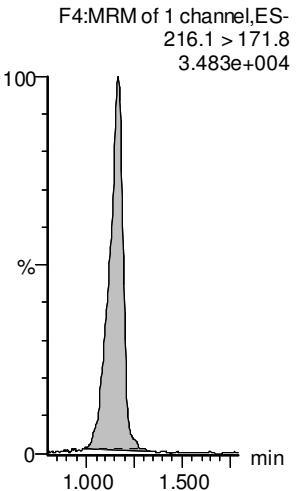
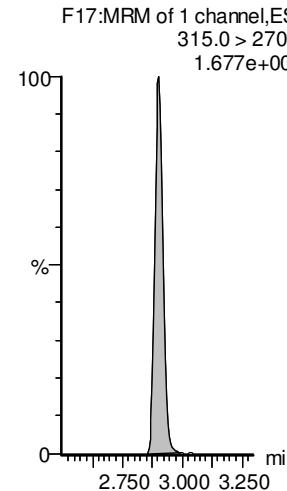
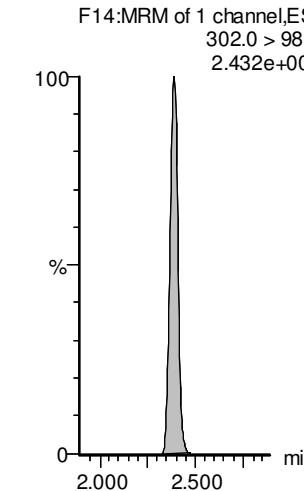
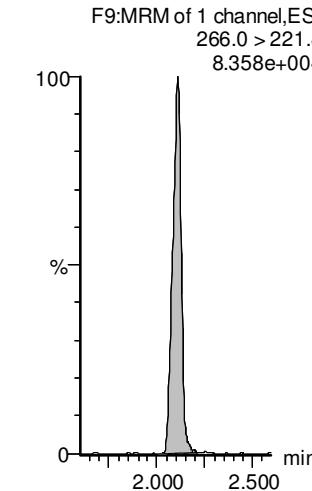
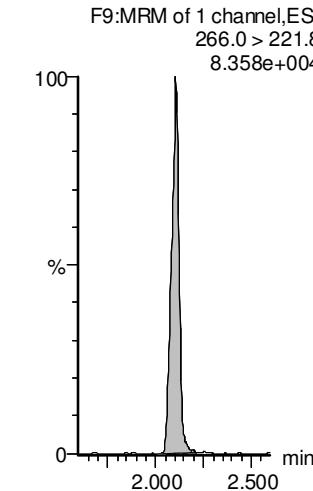
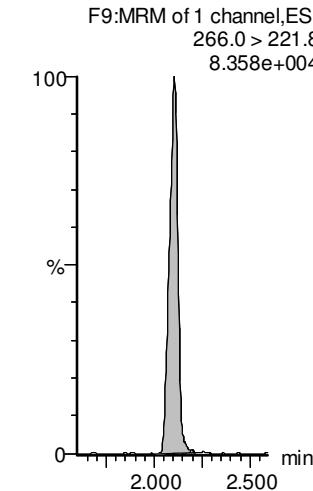
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Name: 210325M1_11, Date: 25-Mar-2021, Time: 14:29:52, ID: ST210325M1-8 PFC CS5 21C0808, Description: PFC CS5 21C0808

PFBA**PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

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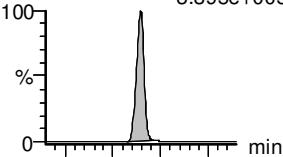
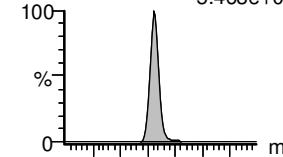
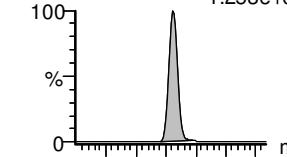
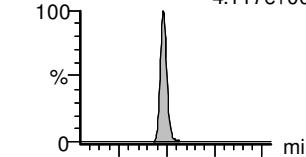
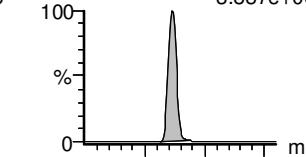
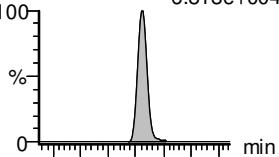
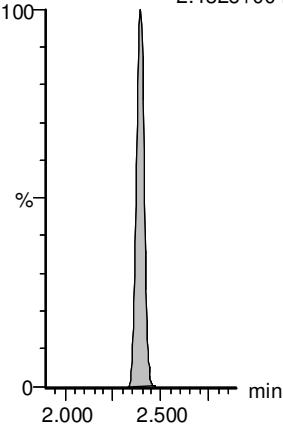
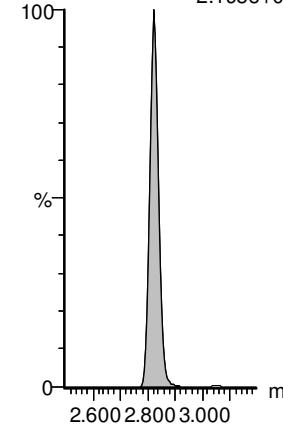
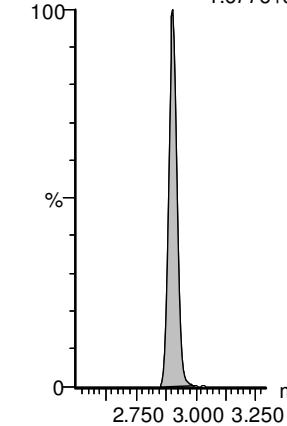
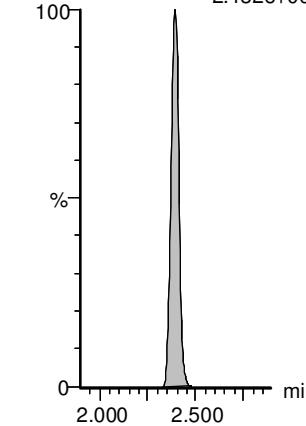
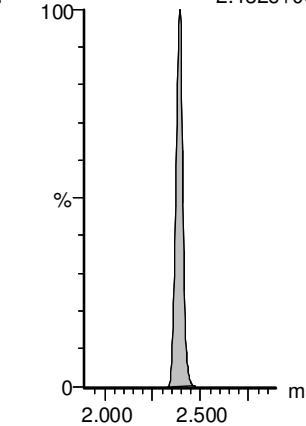
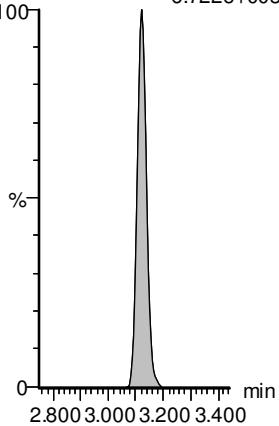
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Name: 210325M1_11, Date: 25-Mar-2021, Time: 14:29:52, ID: ST210325M1-8 PFC CS5 21C0808, Description: PFC CS5 21C0808

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
3.395e+005**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
5.463e+005**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
1.253e+006**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
4.117e+005**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
3.887e+005**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
6.818e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.432e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.195e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.677e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.432e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.432e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
6.722e+003

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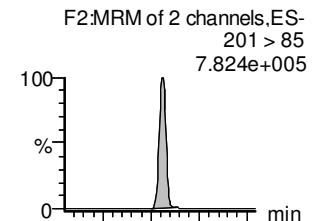
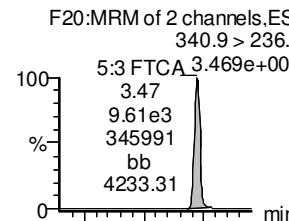
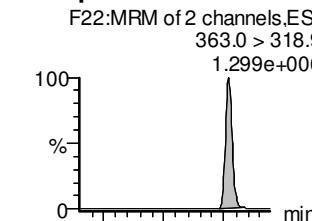
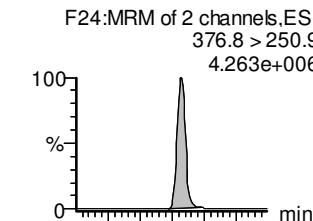
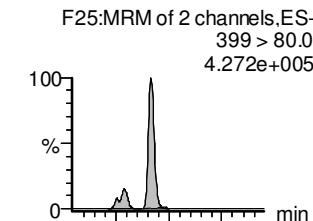
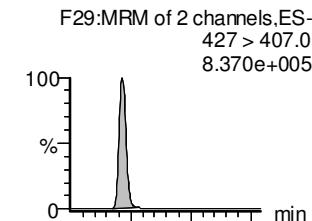
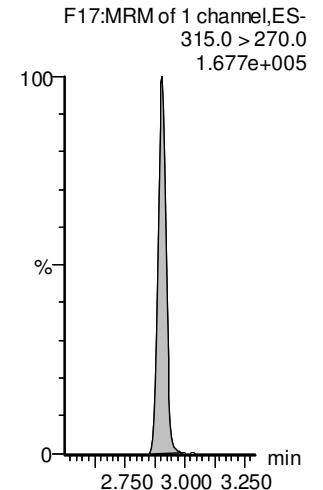
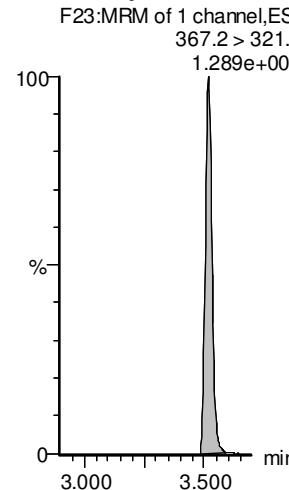
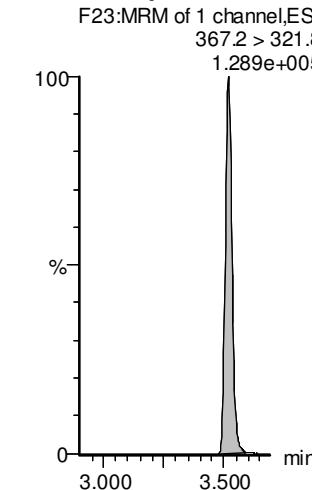
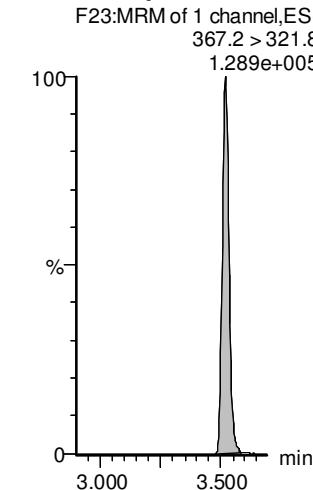
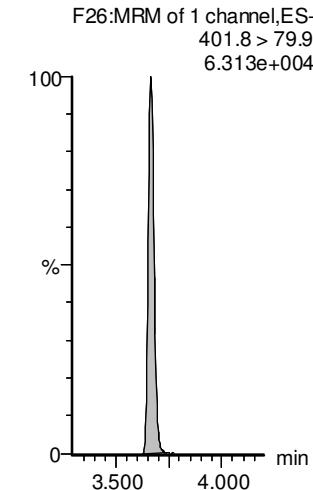
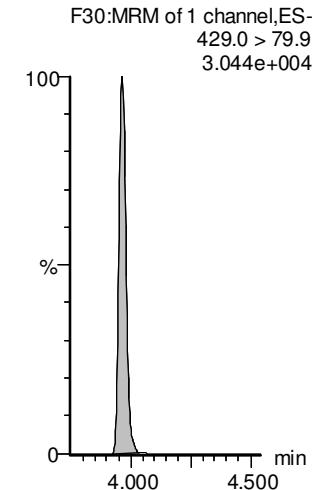
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Name: 210325M1_11, Date: 25-Mar-2021, Time: 14:29:52, ID: ST210325M1-8 PFC CS5 21C0808, Description: PFC CS5 21C0808

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFhxS****6:2 FTS****13C2-PFhxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFhxS-EIS****13C2-6:2 FTS-EIS**

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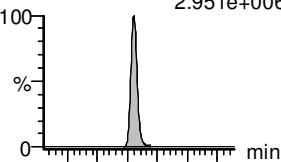
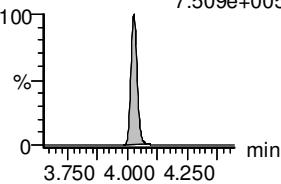
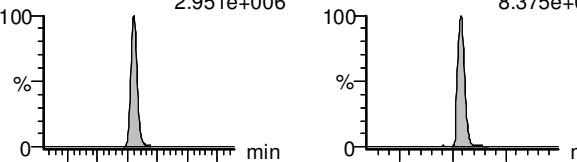
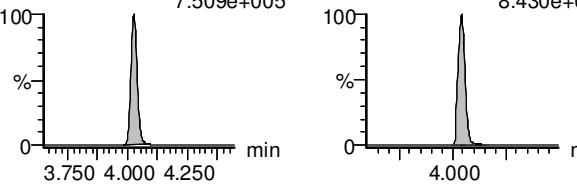
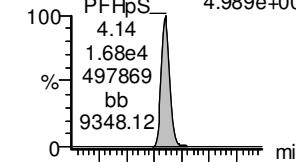
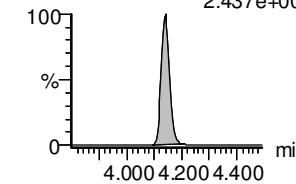
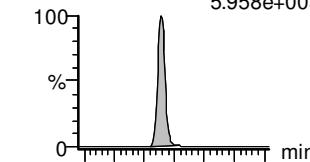
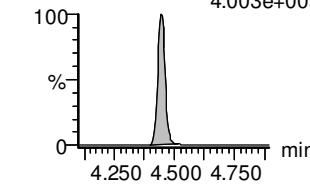
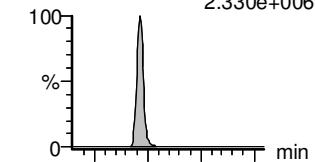
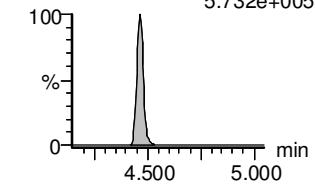
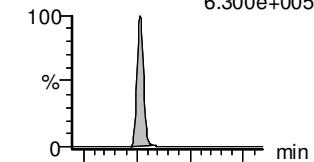
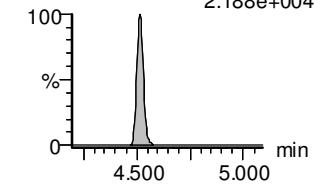
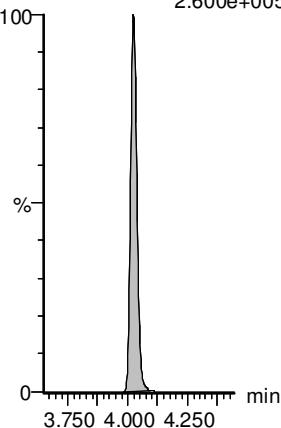
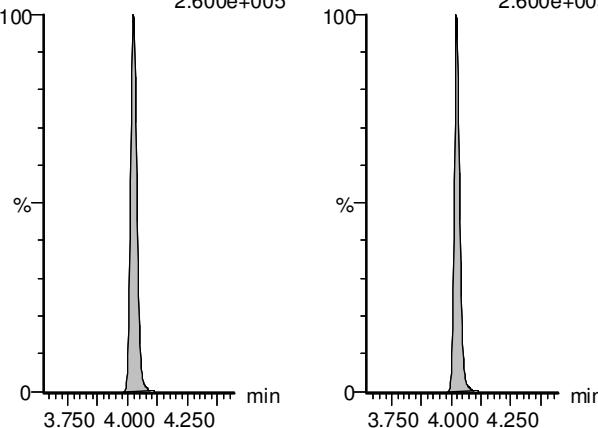
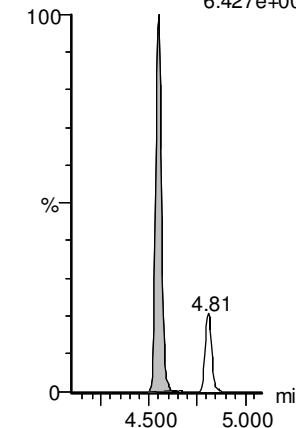
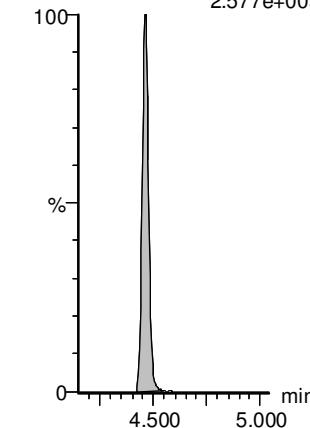
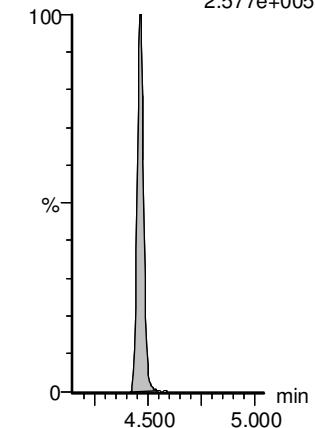
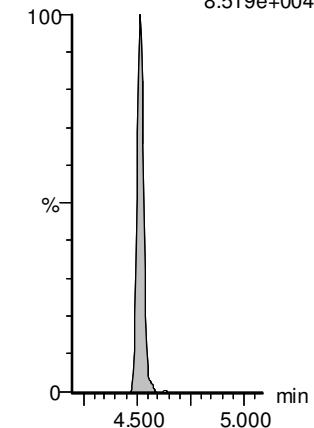
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Name: 210325M1_11, Date: 25-Mar-2021, Time: 14:29:52, ID: ST210325M1-8 PFC CS5 21C0808, Description: PFC CS5 21C0808

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
2.951e+006F27:MRM of 2 channels,ES-
412.8 > 169
7.509e+005**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0
8.375e+005F33:MRM of 2 channels,ES-
460.8 > 98.9
8.430e+005**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
4.989e+005F32:MRM of 2 channels,ES-
448.9 > 99.0
2.437e+005**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0
5.958e+005F31:MRM of 2 channels,ES-
441.0 > 317.0
4.003e+005**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
2.330e+006F34:MRM of 2 channels,ES-
463.0 > 219.0
5.732e+005**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
6.300e+005F36:MRM of 2 channels,ES-
498.0 > 169.0
2.188e+004**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.600e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.600e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.427e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.577e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.577e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
8.519e+004

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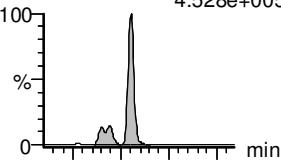
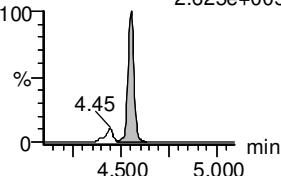
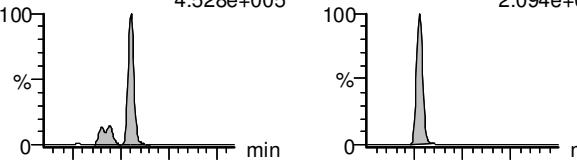
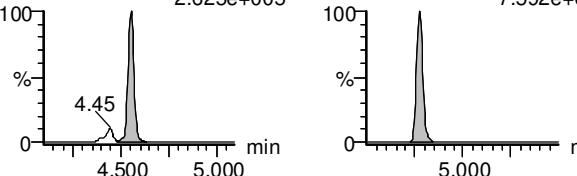
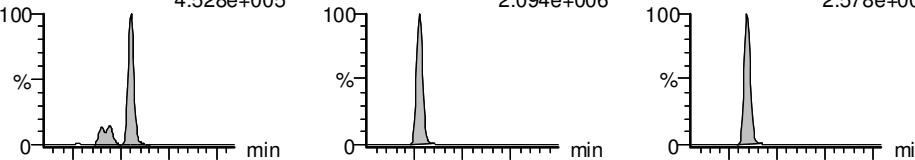
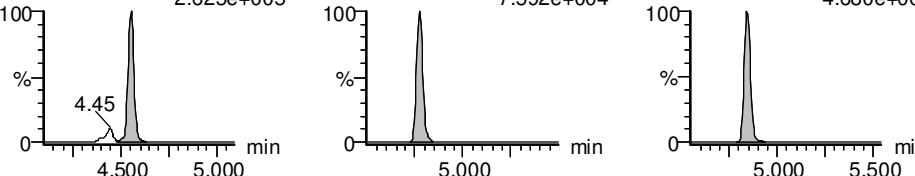
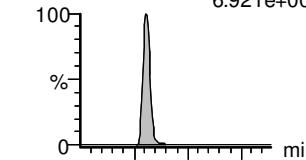
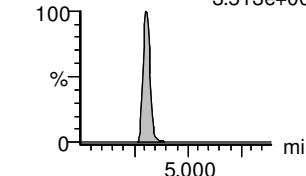
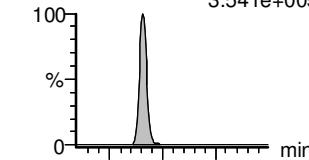
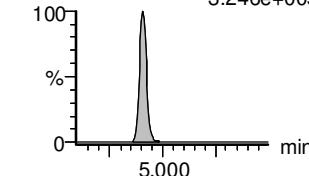
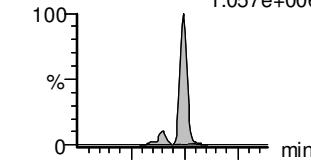
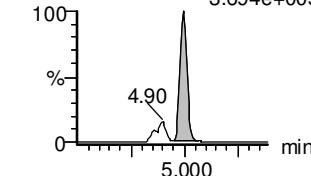
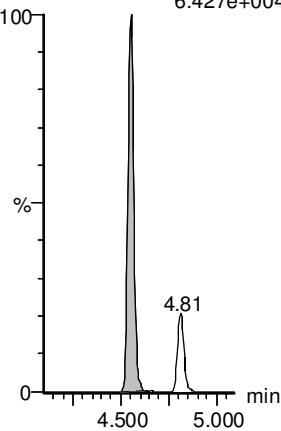
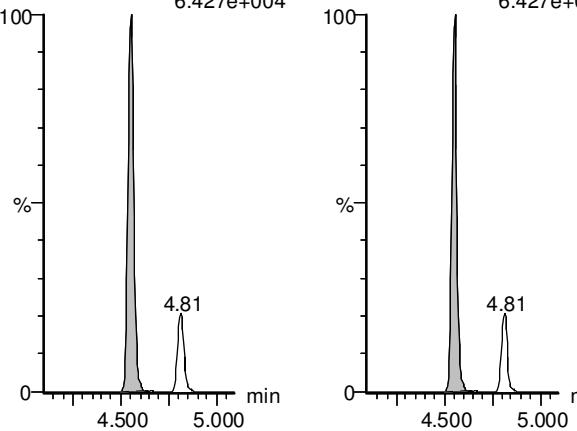
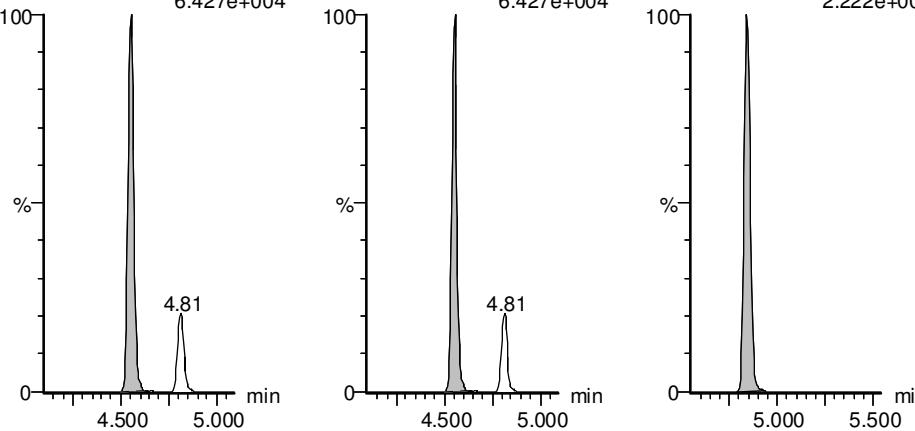
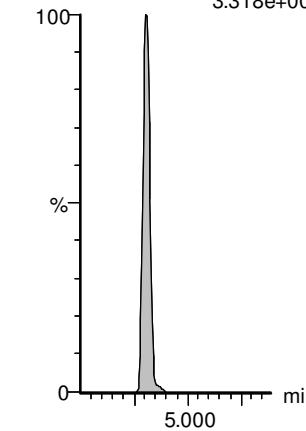
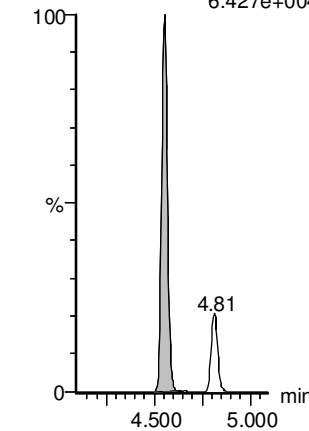
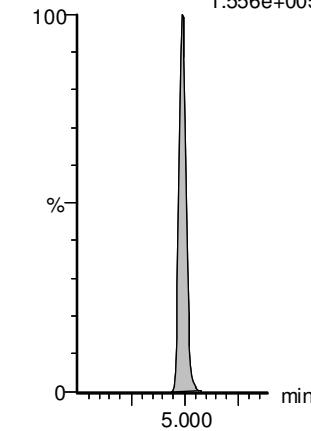
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Name: 210325M1_11, Date: 25-Mar-2021, Time: 14:29:52, ID: ST210325M1-8 PFC CS5 21C0808, Description: PFC CS5 21C0808

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
4.528e+005F38:MRM of 2 channels,ES-
499 > 99
2.625e+005**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
2.094e+006F48:MRM of 2 channels,ES-
530.9 > 82.9
7.592e+004**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
2.578e+006F42:MRM of 2 channels,ES-
513 > 219
4.680e+005**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
6.921e+005F46:MRM of 2 channels,ES-
527 > 80.9
3.513e+005**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
3.541e+005F50:MRM of 2 channels,ES-
548.9 > 99
3.246e+005**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
1.057e+006F53:MRM of 2 channels,ES-
570 > 512
3.694e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.427e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.427e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.222e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.318e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.427e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.556e+005

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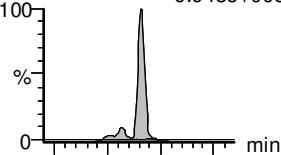
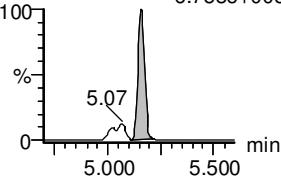
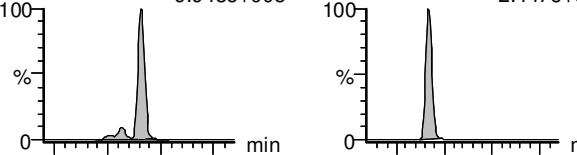
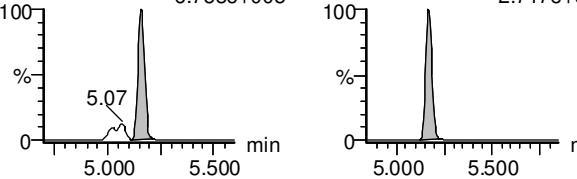
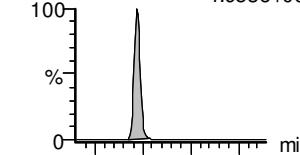
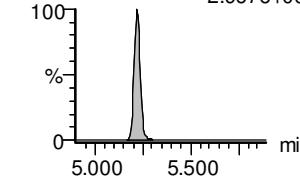
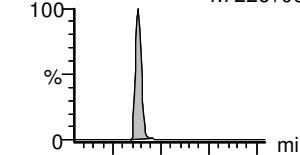
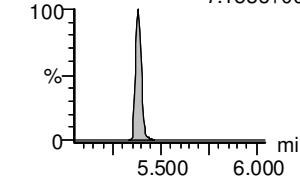
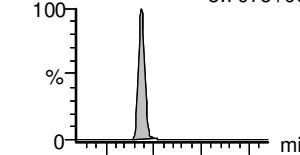
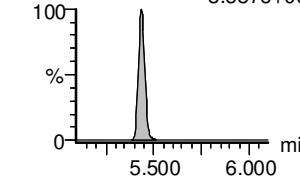
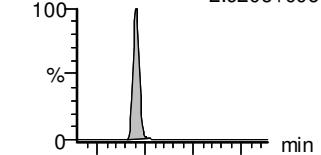
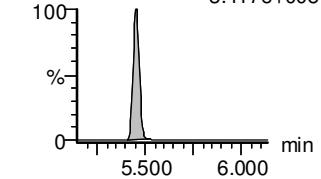
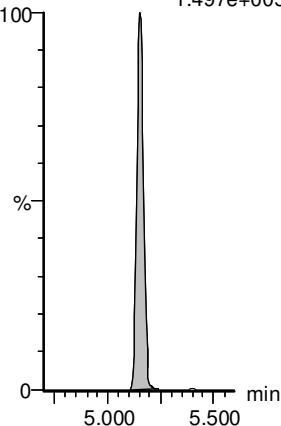
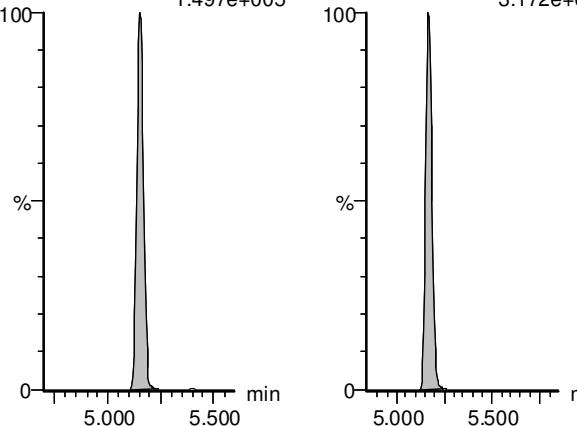
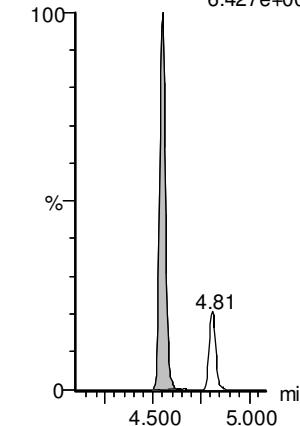
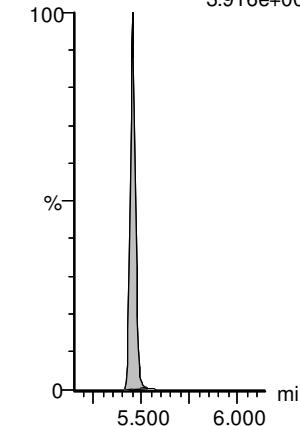
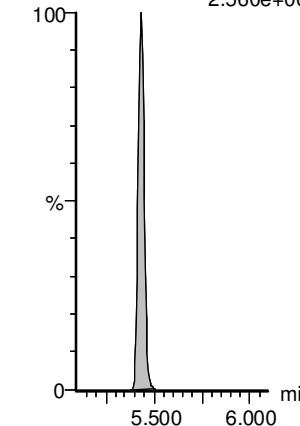
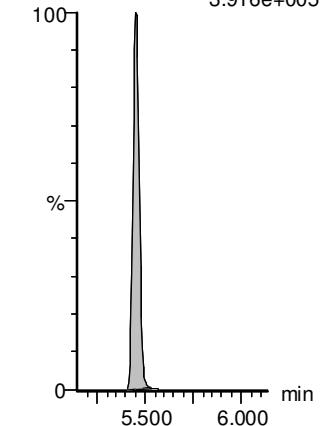
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Name: 210325M1_11, Date: 25-Mar-2021, Time: 14:29:52, ID: ST210325M1-8 PFC CS5 21C0808, Description: PFC CS5 21C0808

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
9.943e+005F55:MRM of 2 channels,ES-
584 > 526
6.758e+005**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
2.447e+006F51:MRM of 2 channels,ES-
563.0 > 269
2.717e+005**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
4.953e+005F57:MRM of 2 channels,ES-
599.0 > 99.0
2.967e+005**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
1.722e+006F64:MRM of 2 channels,ES-
630.9 > 83.
7.153e+004**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
5.707e+005F62:MRM of 2 channels,ES-
626.9 > 81
3.587e+005**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
2.920e+006F58:MRM of 2 channels,ES-
612.9 > 318.8
3.417e+005**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.497e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
3.172e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.427e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.916e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
2.560e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.916e+005

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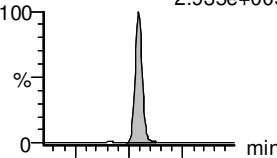
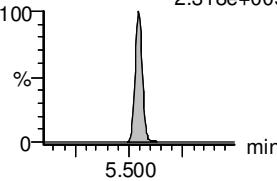
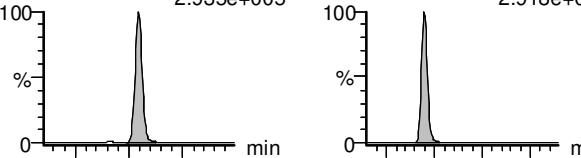
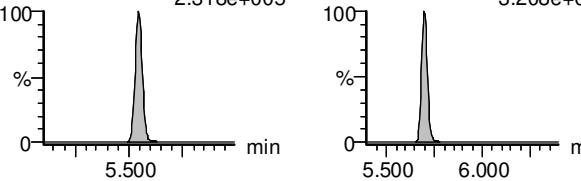
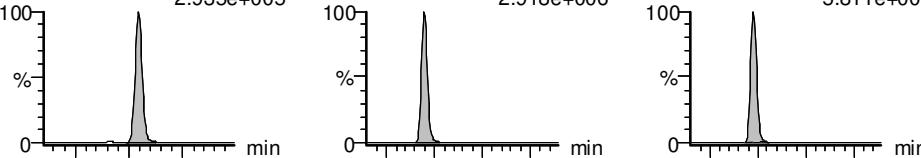
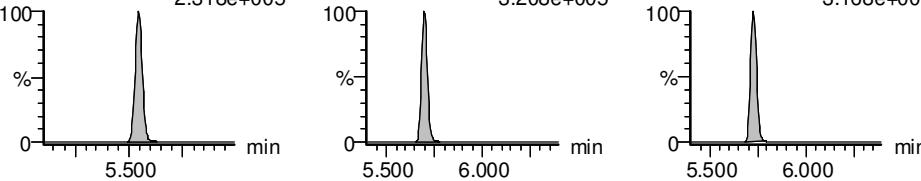
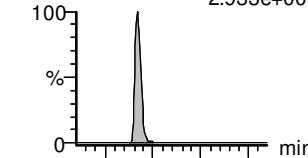
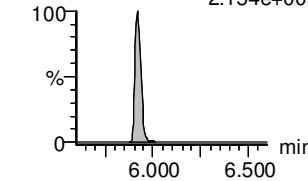
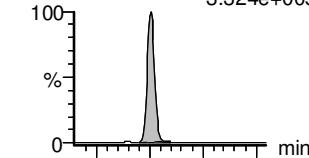
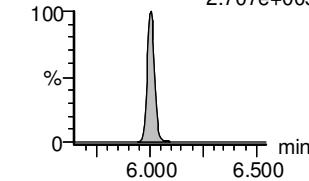
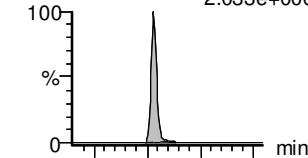
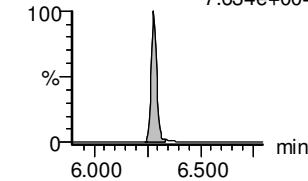
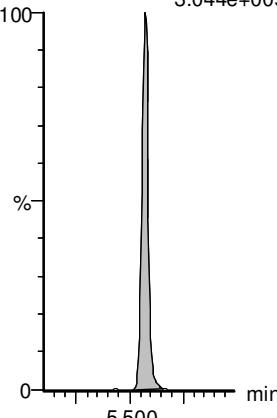
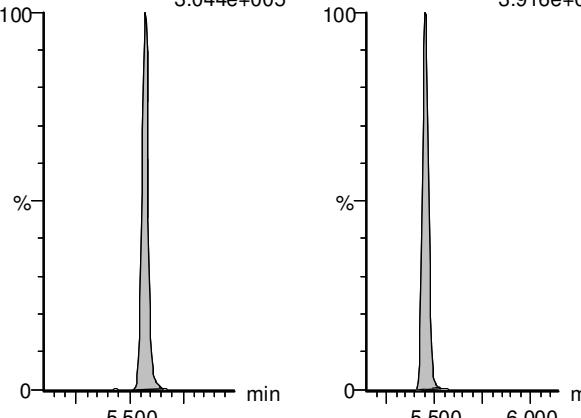
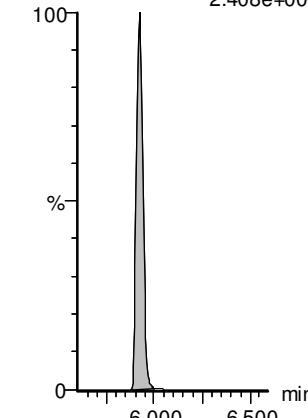
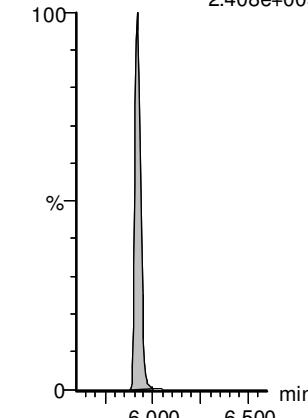
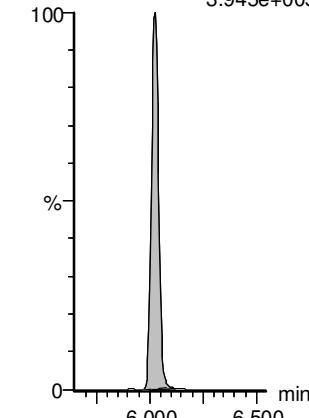
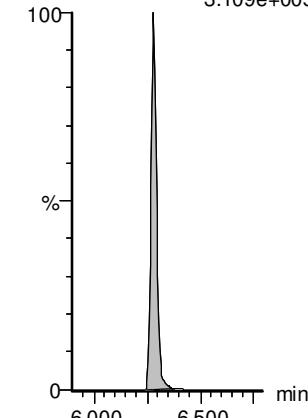
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Name: 210325M1_11, Date: 25-Mar-2021, Time: 14:29:52, ID: ST210325M1-8 PFC CS5 21C0808, Description: PFC CS5 21C0808

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
2.935e+005F41:MRM of 2 channels,ES-
511.9 > 219
2.318e+005**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
2.918e+006F67:MRM of 2 channels,ES-
662.9 > 319
3.208e+005**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
5.811e+005F68:MRM of 2 channels,ES-
698.9 > 99
3.168e+005**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
2.933e+006F69:MRM of 2 channels,ES-
713. > 369.0
2.154e+005**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
3.324e+005F45:MRM of 2 channels,ES-
526 > 219
2.707e+005**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
2.033e+006F71:MRM of 2 channels,ES-
813.1 > 219
7.634e+004**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.044e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.916e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.408e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.408e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
3.945e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.109e+005

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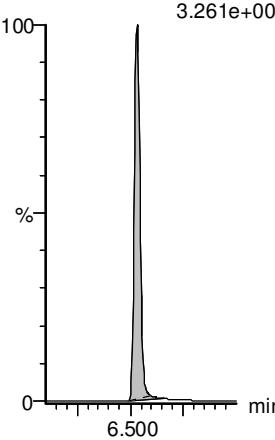
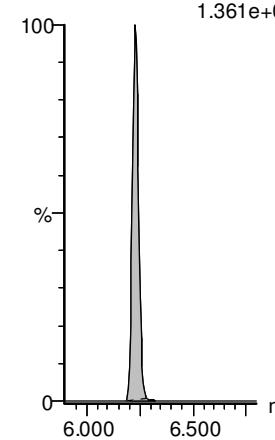
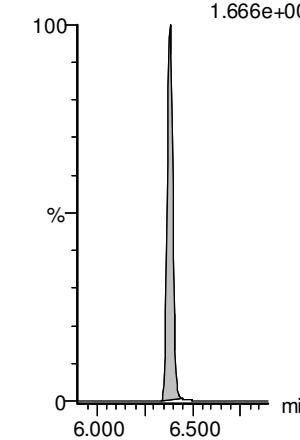
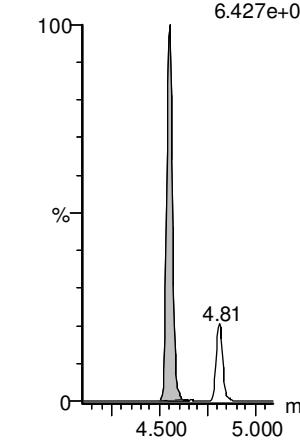
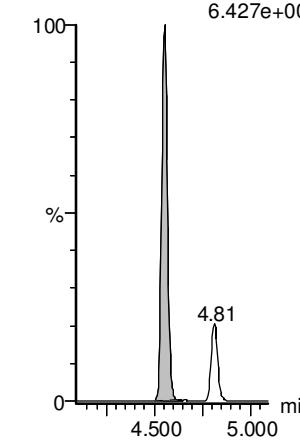
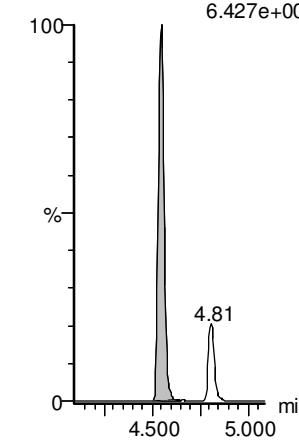
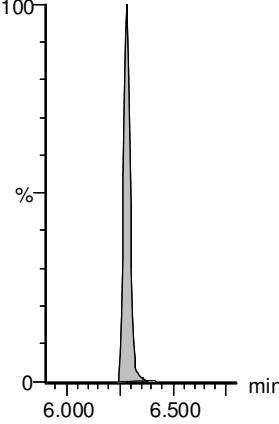
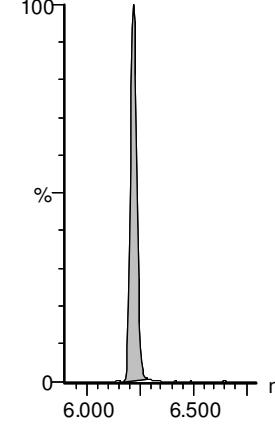
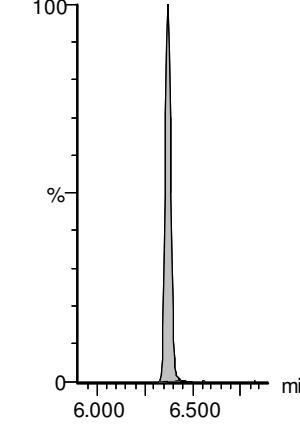
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Name: 210325M1_11, Date: 25-Mar-2021, Time: 14:29:52, ID: ST210325M1-8 PFC CS5 21C0808, Description: PFC CS5 21C0808

PFODAF73:MRM of 1 channel,ES-
913 > 869
3.261e+006**N-MeFOSE**F60:MRM of 1 channel,ES-
616 > 59
1.361e+005**N-EtFOSE**F63:MRM of 1 channel,ES-
630.1 > 58.9
1.666e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.427e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.427e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
6.427e+004**13C2-PFHxD-DA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.109e+005**d7-N-MeFOSE-EIS**F61:MRM of 1 channel,ES-
623.1 > 58.9
2.068e+005**d9-N-EtFOSE-EIS**F66:MRM of 1 channel,ES-
639.2 > 58.8
2.268e+005

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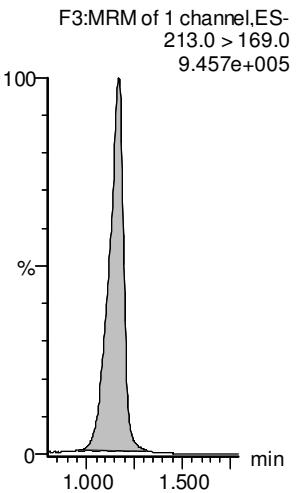
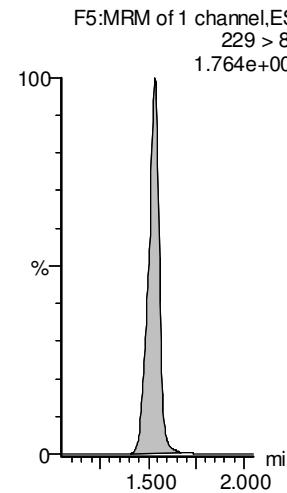
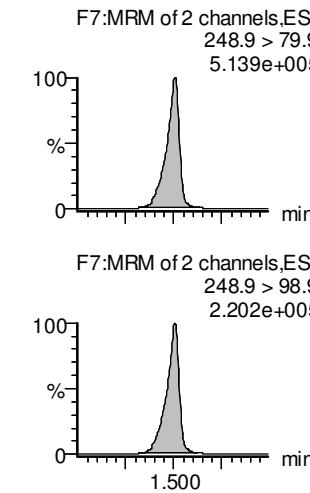
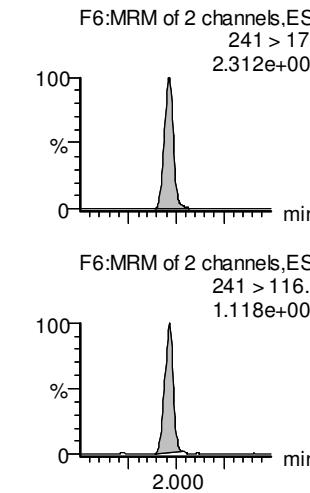
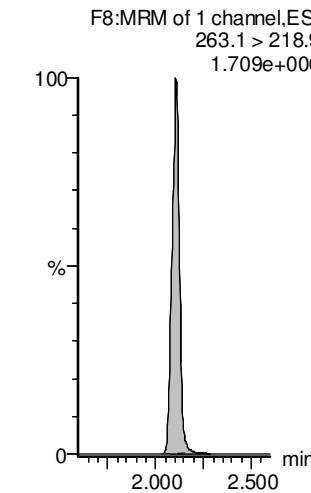
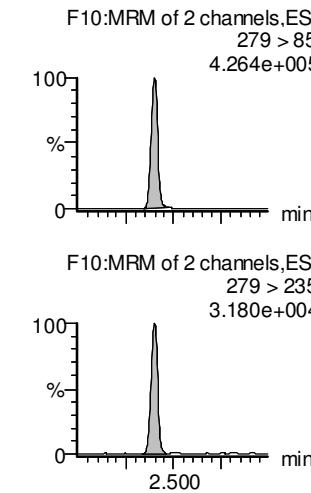
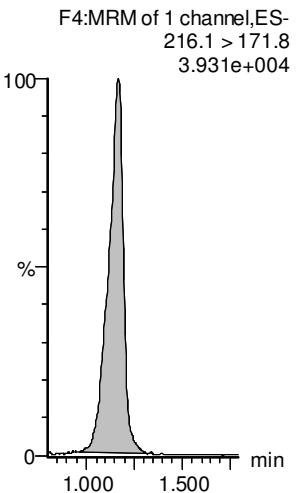
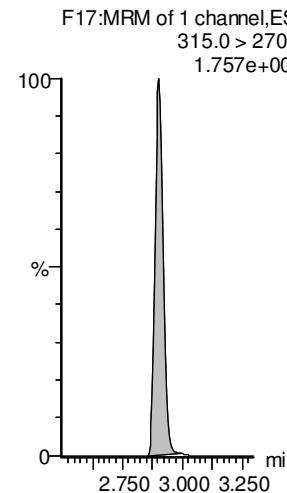
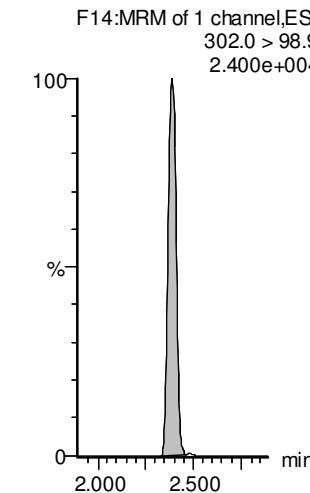
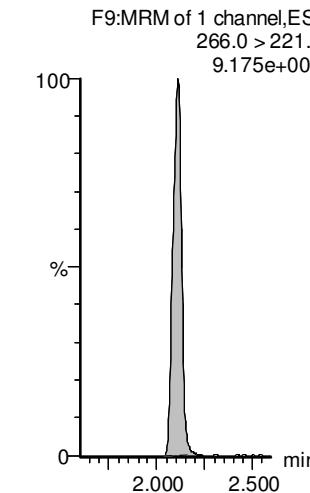
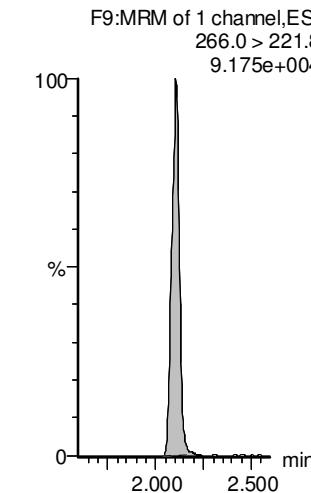
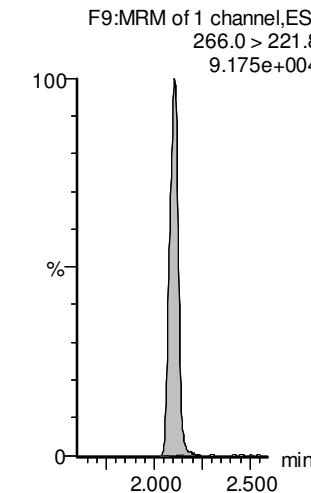
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Name: 210325M1_12, Date: 25-Mar-2021, Time: 14:40:14, ID: ST210325M1-9 PFC CS6 21C0809, Description: PFC CS6 21C0809

PFBA**PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

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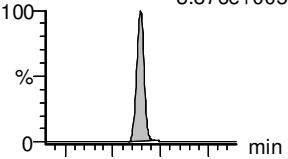
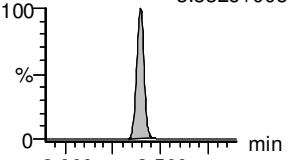
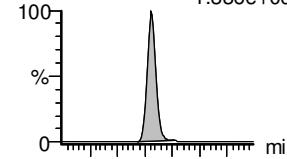
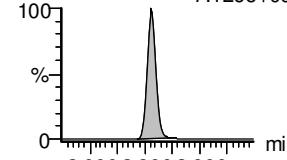
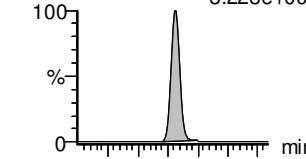
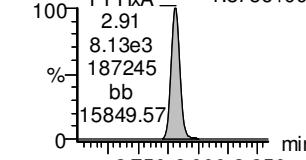
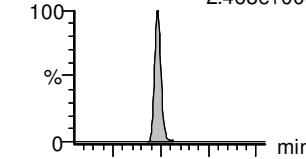
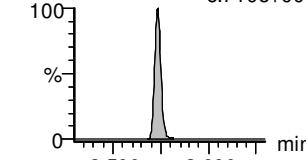
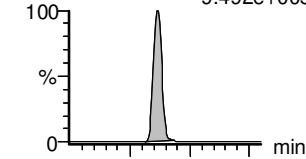
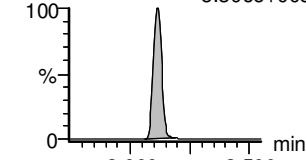
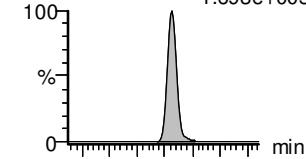
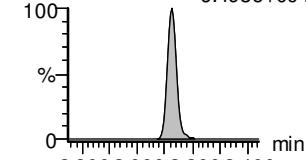
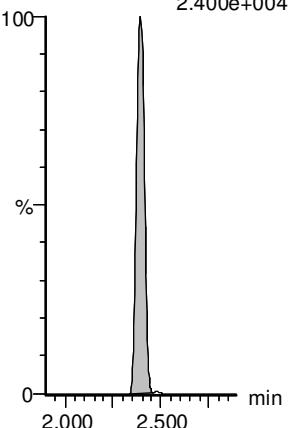
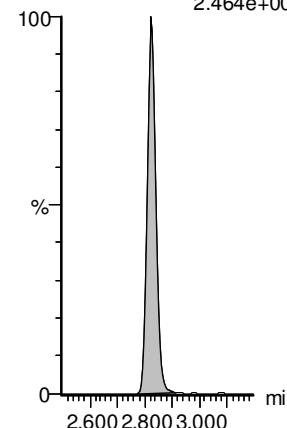
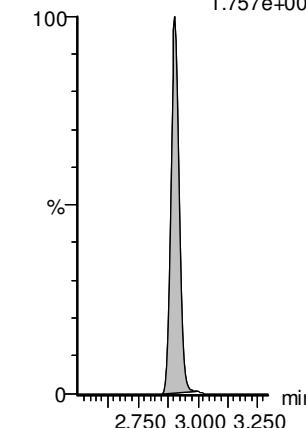
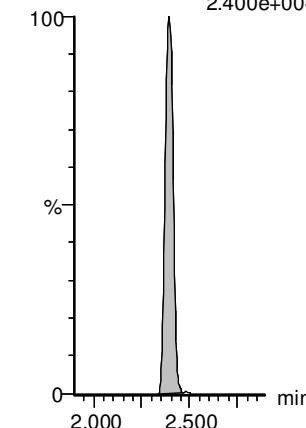
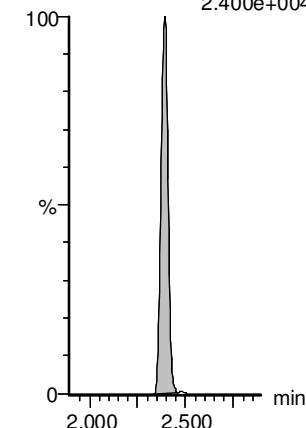
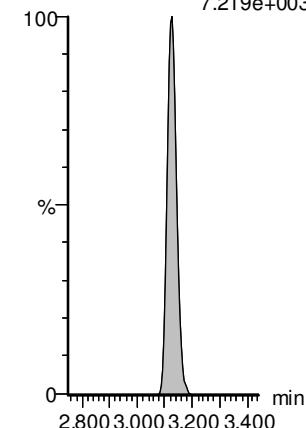
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Name: 210325M1_12, Date: 25-Mar-2021, Time: 14:40:14, ID: ST210325M1-9 PFC CS6 21C0809, Description: PFC CS6 21C0809

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
8.876e+005F13:MRM of 2 channels,ES-
299.0 > 99.0
3.332e+005**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
1.336e+006F18:MRM of 2 channels,ES-
327.0 > 80.9
7.126e+005**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
3.223e+006F15:MRM of 2 channels,ES-
313 > 118.9
1.875e+005**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
2.468e+005F16:MRM of 2 channels,ES-
315 > 83
6.710e+004**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
9.492e+005F21:MRM of 2 channels,ES-
349.0 > 99.0
5.306e+005**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
1.693e+005F11:MRM of 2 channels,ES-
285 > 185.0
6.493e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.400e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.464e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.757e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.400e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.400e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
7.219e+003

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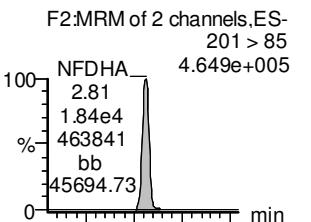
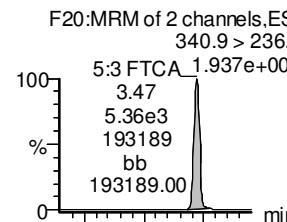
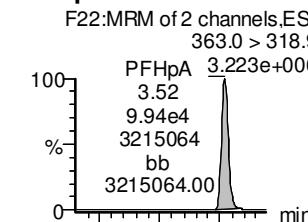
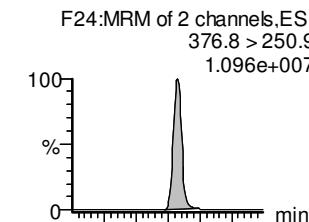
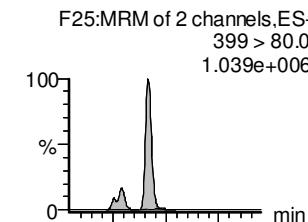
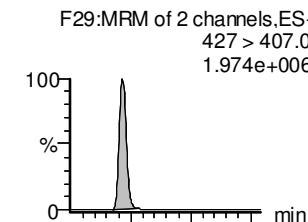
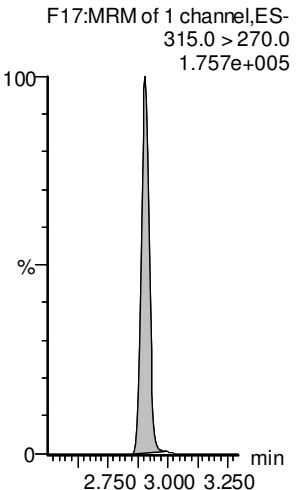
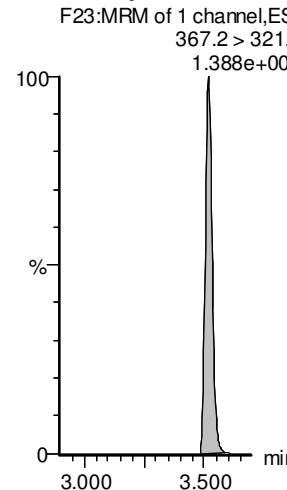
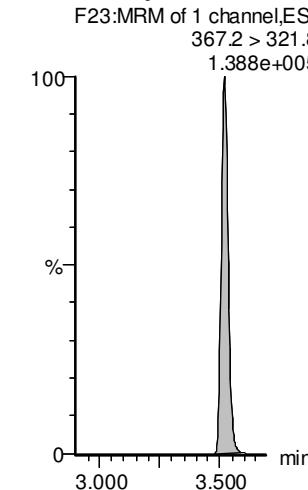
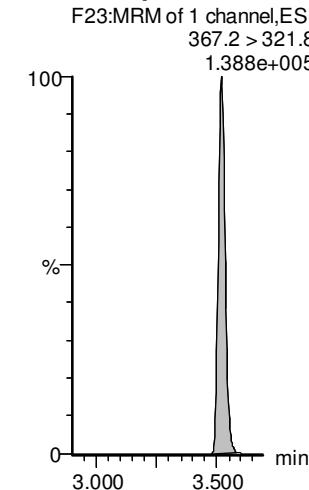
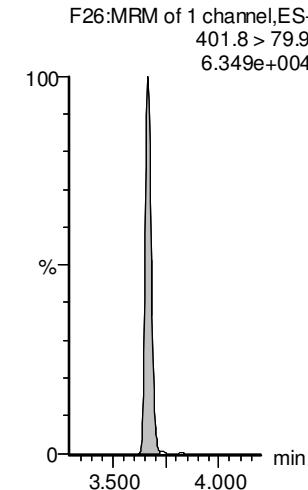
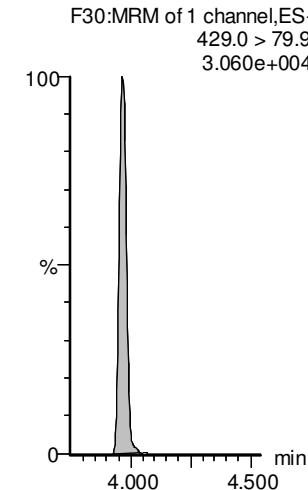
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Name: 210325M1_12, Date: 25-Mar-2021, Time: 14:40:14, ID: ST210325M1-9 PFC CS6 21C0809, Description: PFC CS6 21C0809

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFHxS****6:2 FTS****13C2-PFHxA-EIS****13C4-PFHxA-EIS****13C4-PFHxA-EIS****13C4-PFHxA-EIS****13C3-PFHxS-EIS****13C2-6:2 FTS-EIS**

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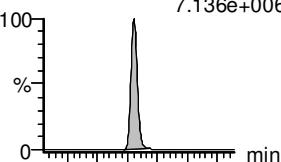
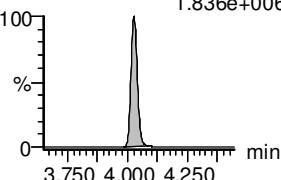
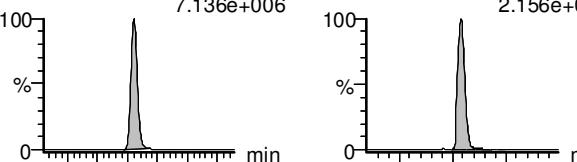
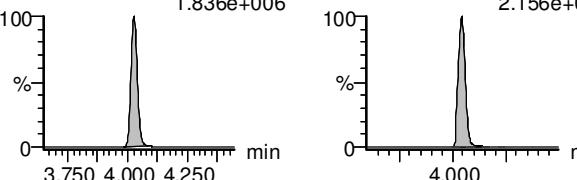
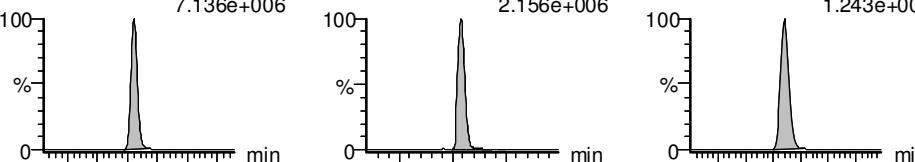
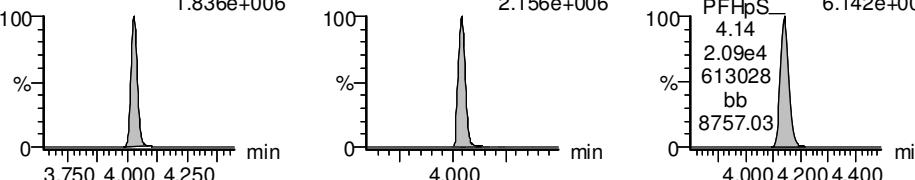
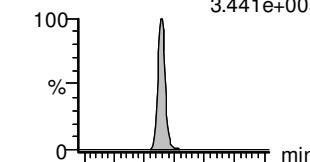
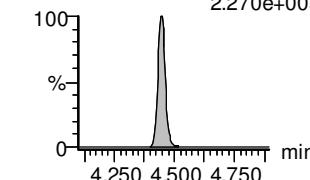
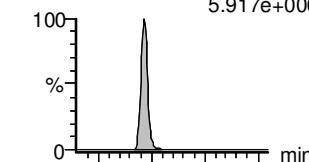
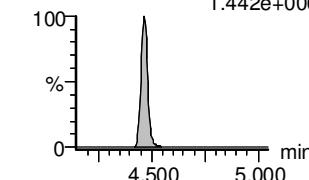
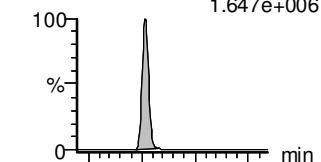
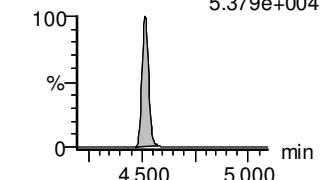
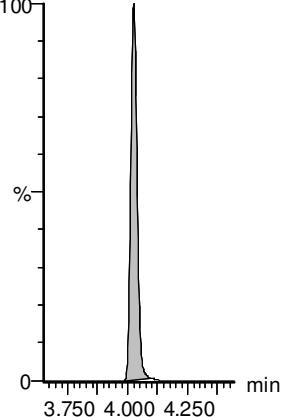
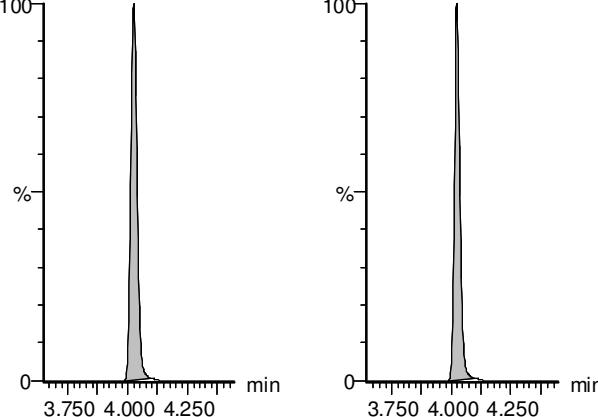
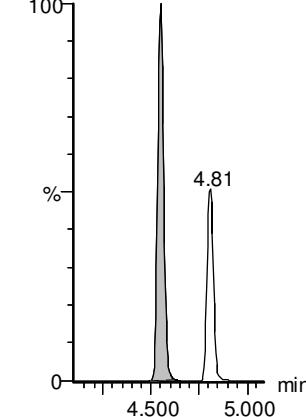
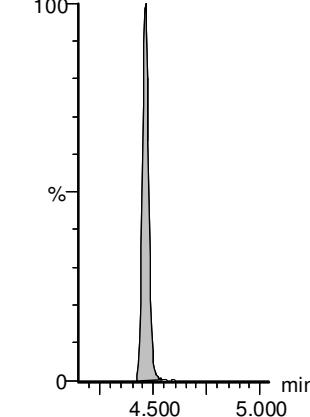
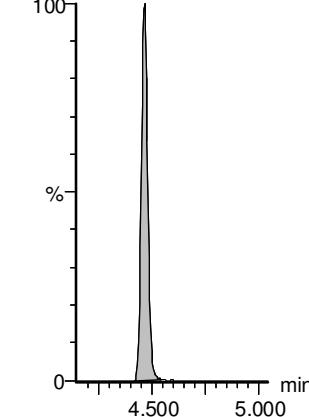
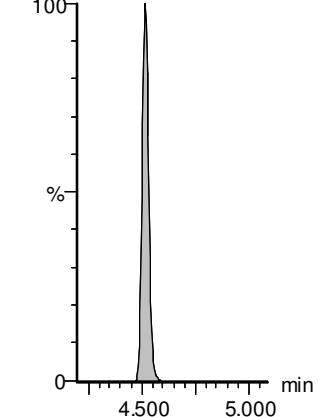
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

OPV 3/26/2021

Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_12, Date: 25-Mar-2021, Time: 14:40:14, ID: ST210325M1-9 PFC CS6 21C0809, Description: PFC CS6 21C0809

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
7.136e+006F27:MRM of 2 channels,ES-
412.8 > 169
1.836e+006**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0
2.156e+006F33:MRM of 2 channels,ES-
460.8 > 98.9
2.156e+006**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
1.243e+006F32:MRM of 2 channels,ES-
448.9 > 99.0
6.142e+005**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0
3.441e+005F31:MRM of 2 channels,ES-
441.0 > 317.0
2.270e+005**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
5.917e+006F34:MRM of 2 channels,ES-
463.0 > 219.0
1.442e+006**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
1.647e+006F36:MRM of 2 channels,ES-
498.0 > 169.0
5.379e+004**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.841e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.841e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.058e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.694e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.694e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
8.933e+004

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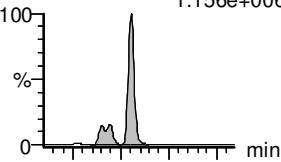
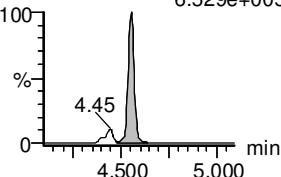
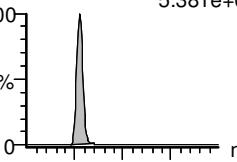
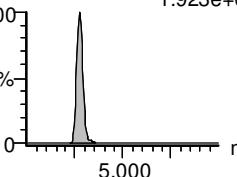
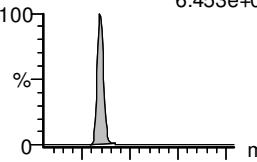
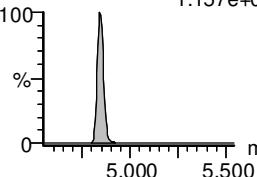
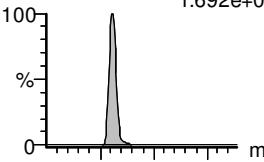
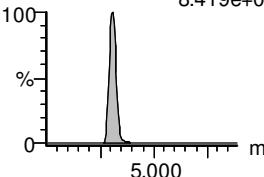
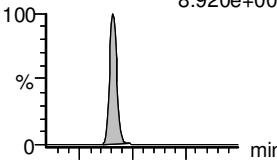
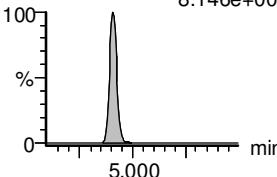
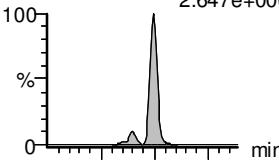
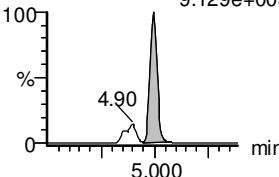
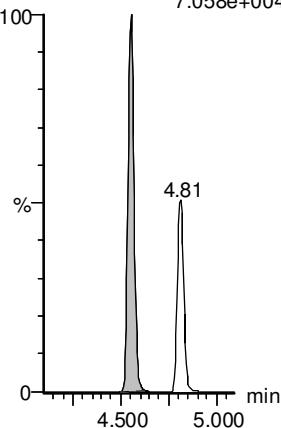
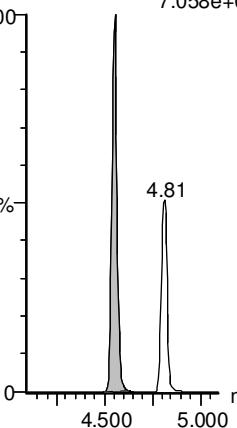
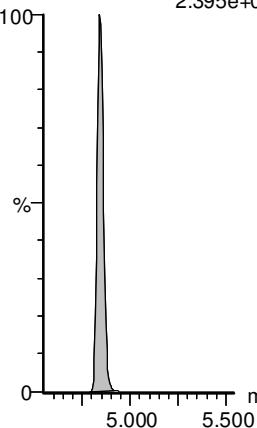
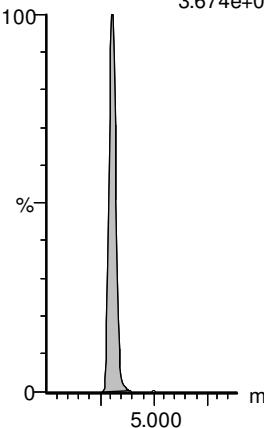
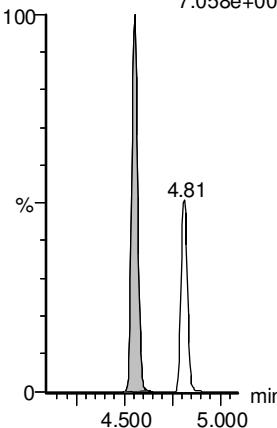
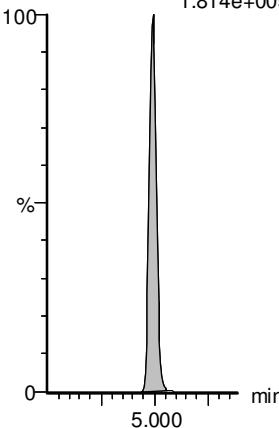
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Name: 210325M1_12, Date: 25-Mar-2021, Time: 14:40:14, ID: ST210325M1-9 PFC CS6 21C0809, Description: PFC CS6 21C0809

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
1.156e+006F38:MRM of 2 channels,ES-
499 > 99
6.529e+005**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
5.381e+006F48:MRM of 2 channels,ES-
530.9 > 82.9
1.923e+005**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
6.453e+006F42:MRM of 2 channels,ES-
513 > 219
1.157e+006**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
1.692e+006F46:MRM of 2 channels,ES-
527 > 80.9
8.419e+005**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
8.920e+005F50:MRM of 2 channels,ES-
548.9 > 99
8.146e+005**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
2.647e+006F53:MRM of 2 channels,ES-
570 > 512
9.129e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.058e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.058e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.395e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.674e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.058e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.814e+005

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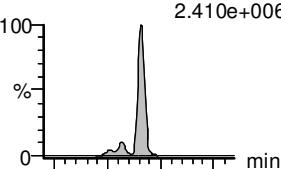
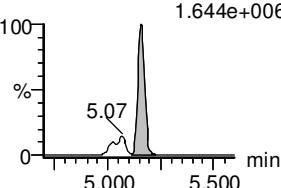
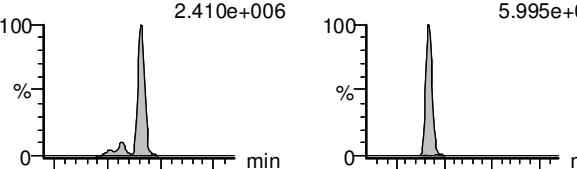
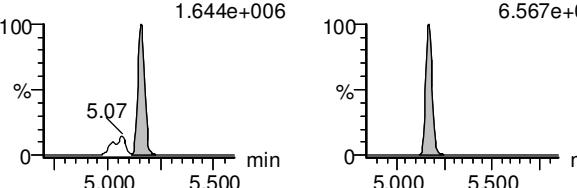
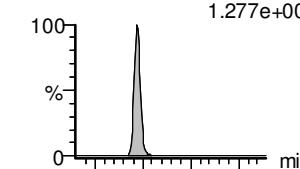
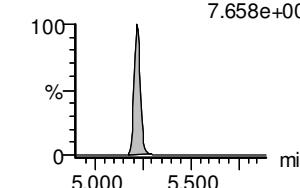
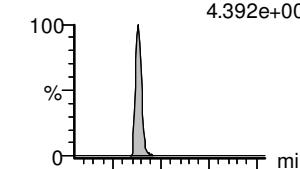
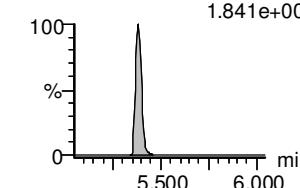
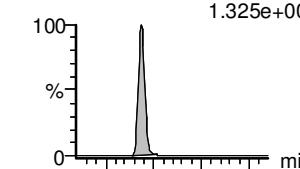
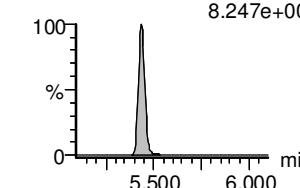
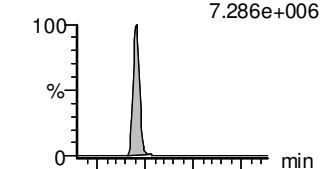
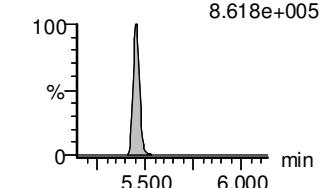
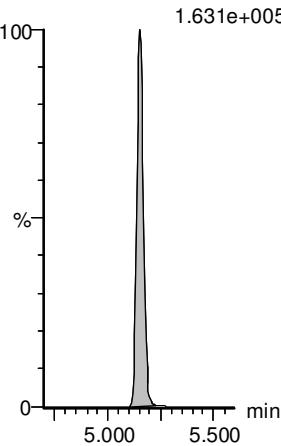
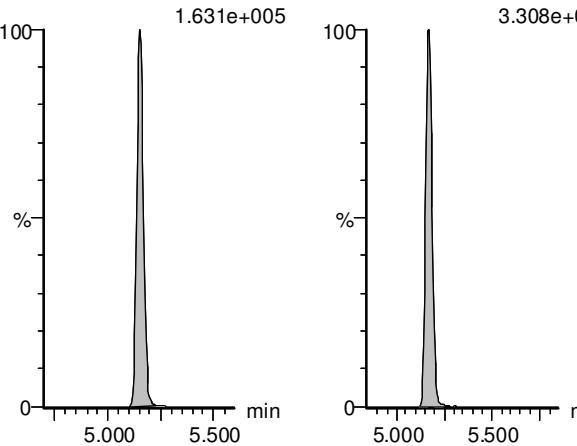
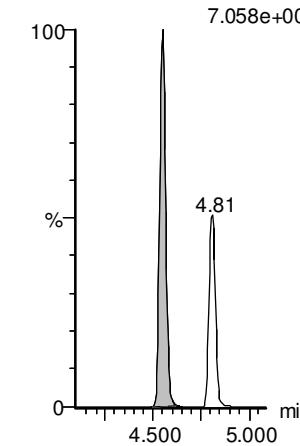
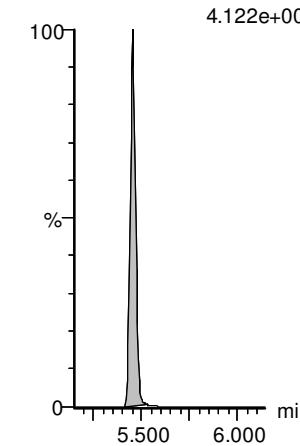
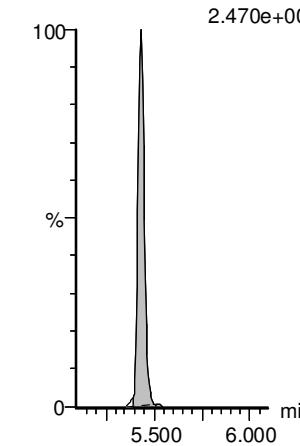
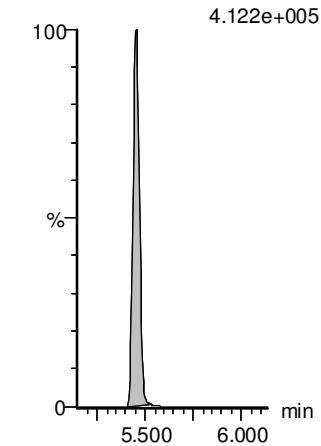
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Name: 210325M1_12, Date: 25-Mar-2021, Time: 14:40:14, ID: ST210325M1-9 PFC CS6 21C0809, Description: PFC CS6 21C0809

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
2.410e+006F55:MRM of 2 channels,ES-
584 > 526
1.644e+006**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
5.995e+006F51:MRM of 2 channels,ES-
563.0 > 269
6.567e+005**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
1.277e+006F57:MRM of 2 channels,ES-
599.0 > 99.0
7.658e+005**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
4.392e+006F64:MRM of 2 channels,ES-
630.9 > 83.
1.841e+005**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
1.325e+006F62:MRM of 2 channels,ES-
626.9 > 81
8.247e+005**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
7.286e+006F58:MRM of 2 channels,ES-
612.9 > 318.8
8.618e+005**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.631e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
3.308e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.058e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.122e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
2.470e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.122e+005

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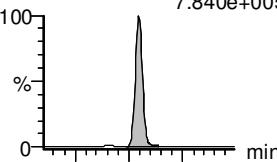
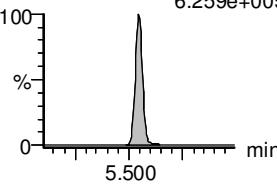
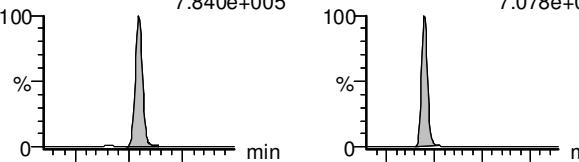
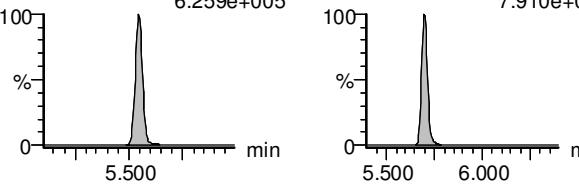
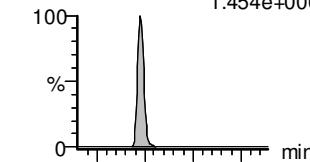
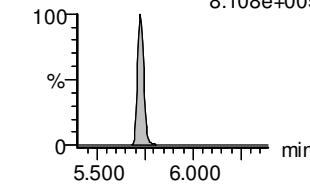
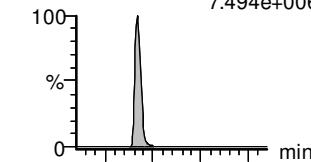
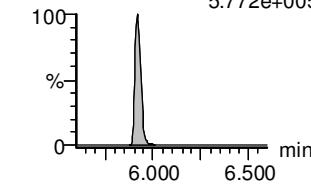
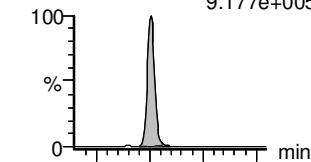
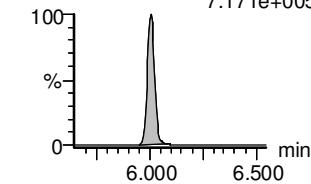
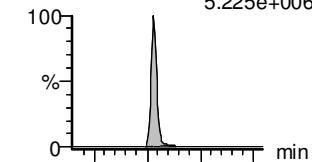
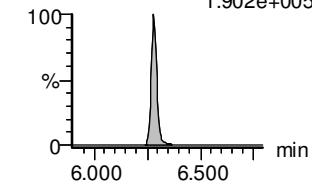
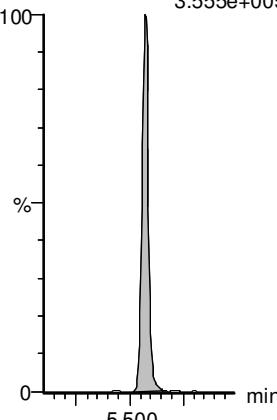
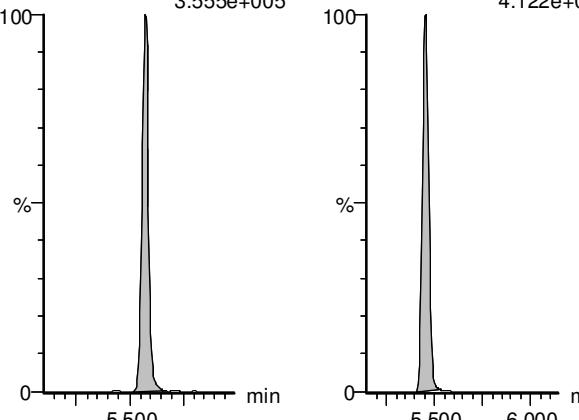
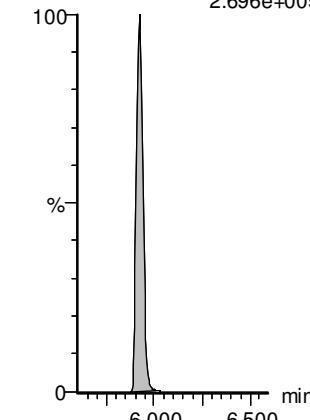
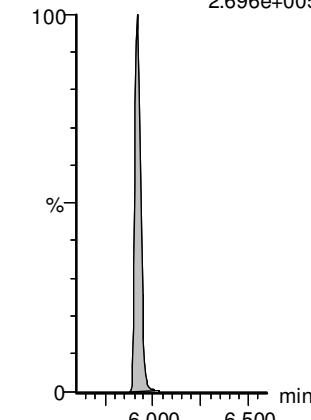
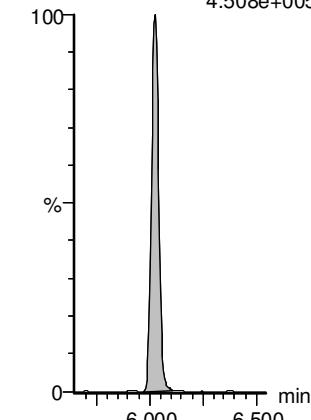
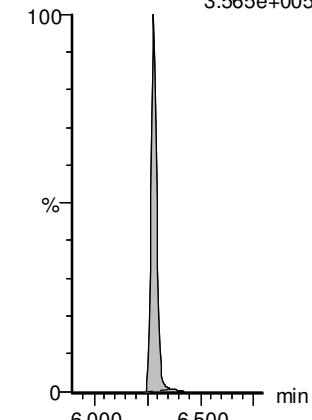
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Name: 210325M1_12, Date: 25-Mar-2021, Time: 14:40:14, ID: ST210325M1-9 PFC CS6 21C0809, Description: PFC CS6 21C0809

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
7.840e+005F41:MRM of 2 channels,ES-
511.9 > 219
6.259e+005**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
7.078e+006F67:MRM of 2 channels,ES-
662.9 > 319
7.910e+005**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
1.454e+006F68:MRM of 2 channels,ES-
698.9 > 99
8.108e+005**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
7.494e+006F69:MRM of 2 channels,ES-
713. > 369.0
5.772e+005**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
9.177e+005F45:MRM of 2 channels,ES-
526 > 219
7.171e+005**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
5.225e+006F71:MRM of 2 channels,ES-
813.1 > 219
1.902e+005**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.555e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.122e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.696e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.696e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.508e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.565e+005

Vista Analytical Laboratory

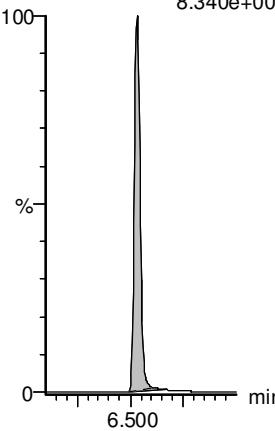
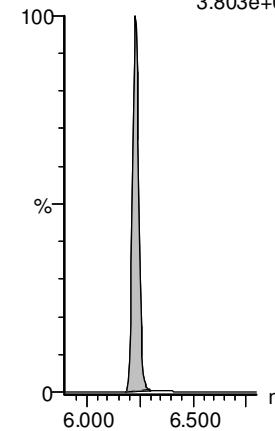
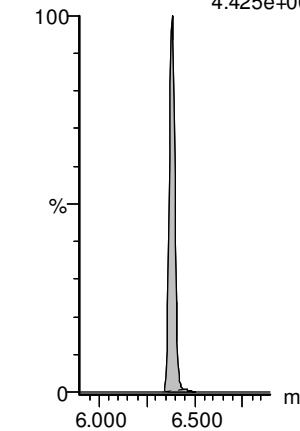
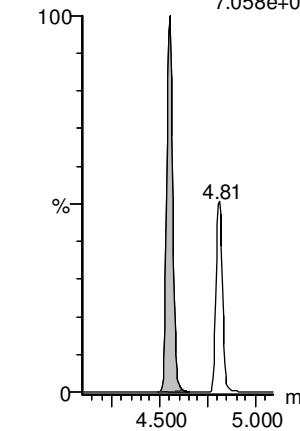
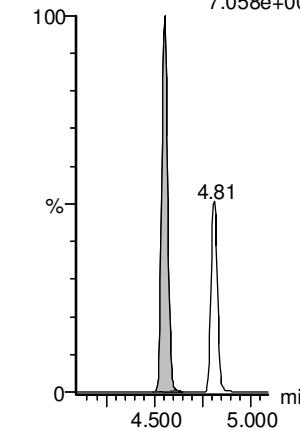
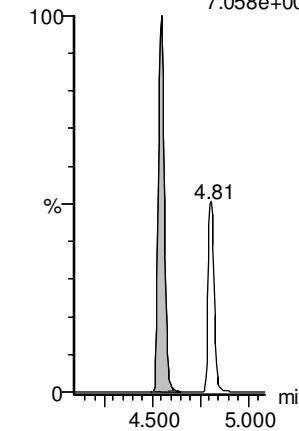
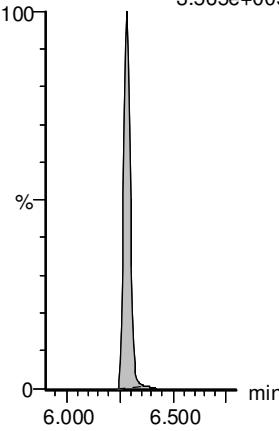
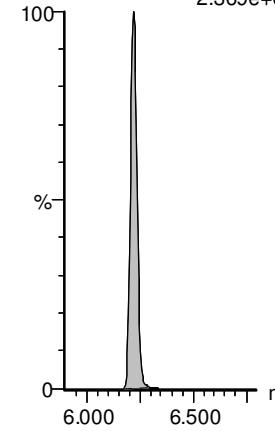
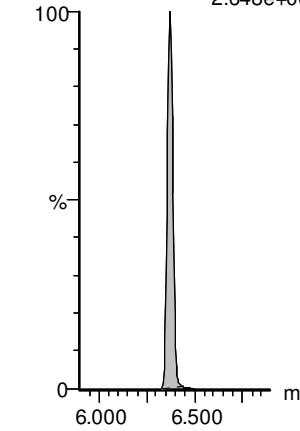
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Name: 210325M1_12, Date: 25-Mar-2021, Time: 14:40:14, ID: ST210325M1-9 PFC CS6 21C0809, Description: PFC CS6 21C0809

PFODAF73:MRM of 1 channel,ES-
913 > 869
8.340e+006**N-MeFOSE**F60:MRM of 1 channel,ES-
616 > 59
3.803e+005**N-EtFOSE**F63:MRM of 1 channel,ES-
630.1 > 58.9
4.425e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.058e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.058e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
7.058e+004**13C2-PFHxD-DA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.565e+005**d7-N-MeFOSE-EIS**F61:MRM of 1 channel,ES-
623.1 > 58.9
2.369e+005**d9-N-EtFOSE-EIS**F66:MRM of 1 channel,ES-
639.2 > 58.8
2.648e+005

Vista Analytical Laboratory

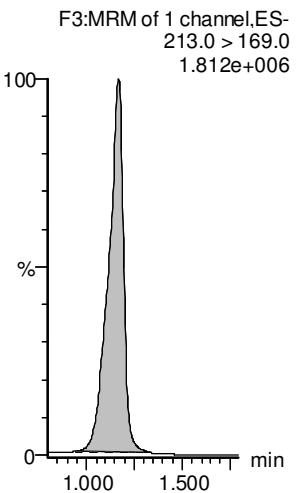
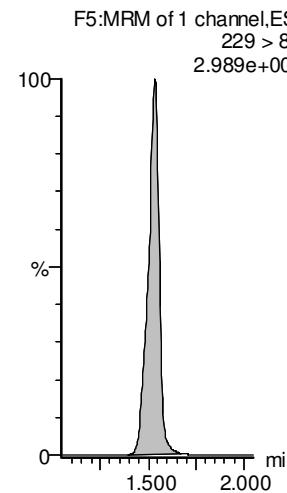
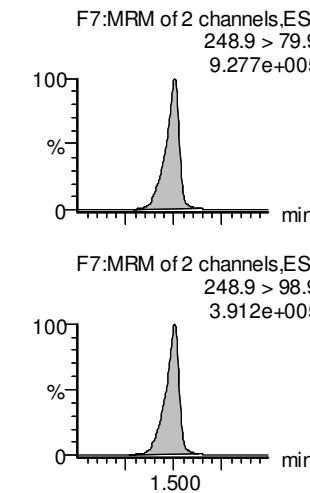
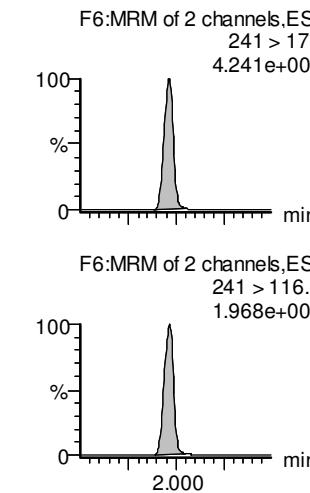
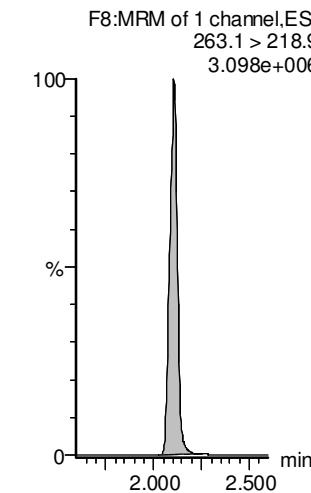
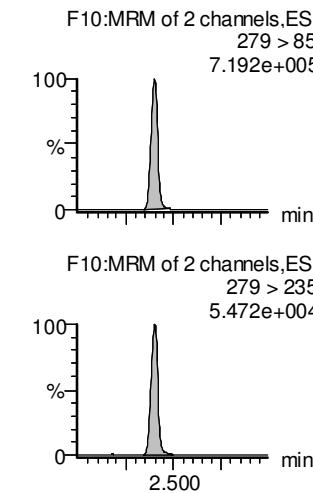
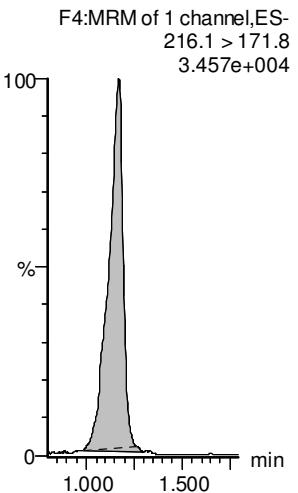
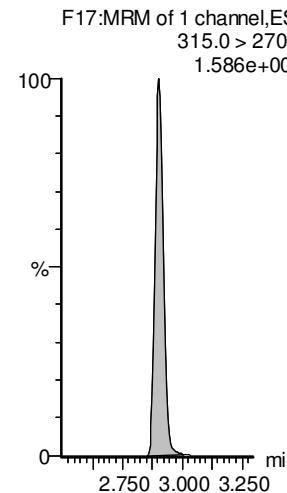
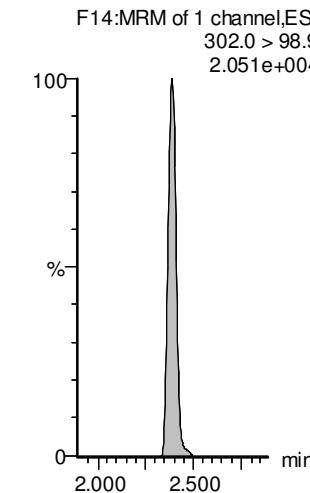
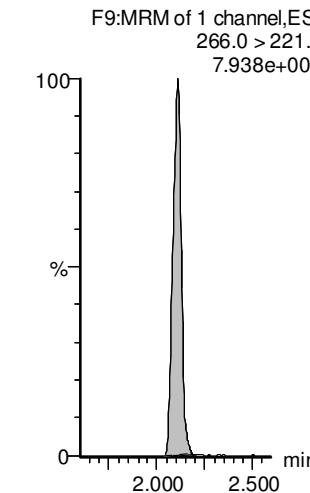
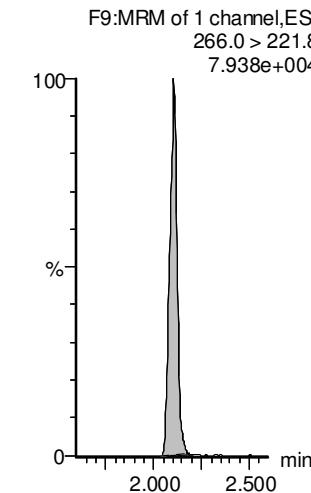
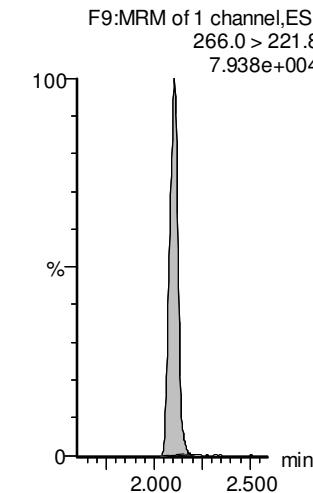
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Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_13, Date: 25-Mar-2021, Time: 14:50:36, ID: ST210325M1-10 PFC CS7 21C0810, Description: PFC CS7 21C0810

PFBA**PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

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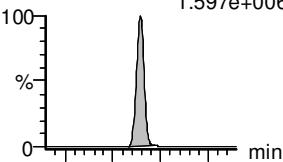
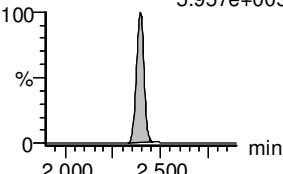
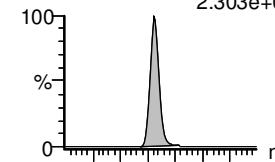
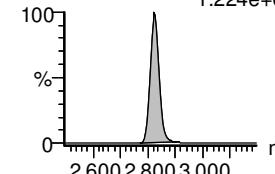
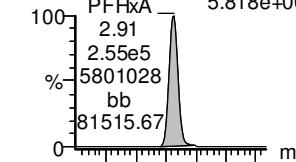
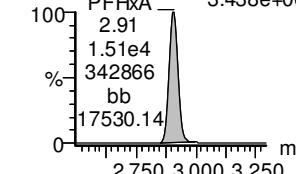
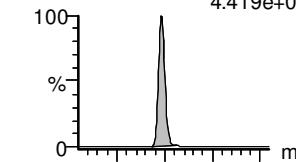
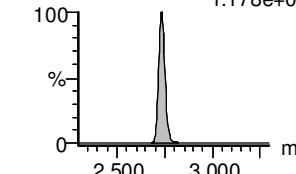
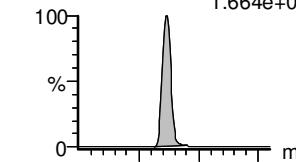
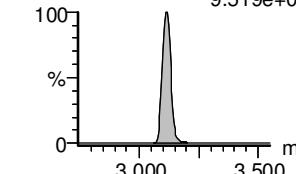
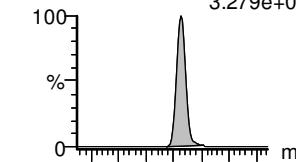
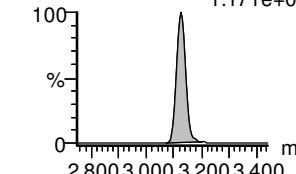
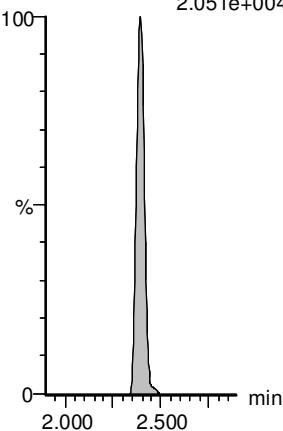
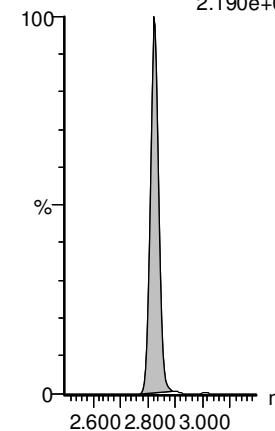
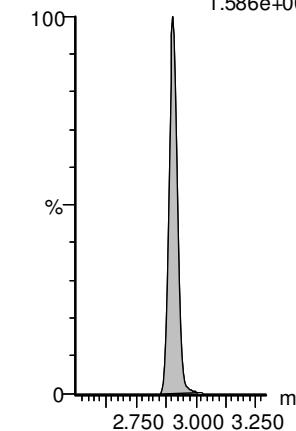
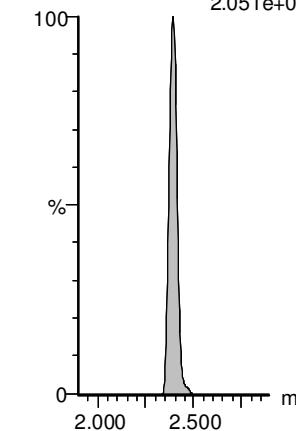
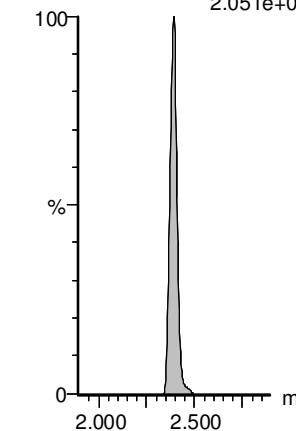
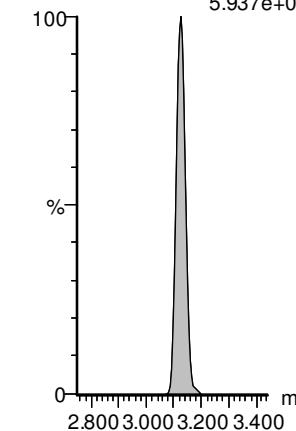
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Name: 210325M1_13, Date: 25-Mar-2021, Time: 14:50:36, ID: ST210325M1-10 PFC CS7 21C0810, Description: PFC CS7 21C0810

PFBSF13:MRM of 2 channels,ES-
299.0 > 79.7
1.597e+006F13:MRM of 2 channels,ES-
299.0 > 99.0
5.957e+005**4:2 FTS**F18:MRM of 2 channels,ES-
327.0 > 306.9
2.303e+006F18:MRM of 2 channels,ES-
327.0 > 80.9
1.224e+006**PFHxA**F15:MRM of 2 channels,ES-
313.0 > 269.0
5.818e+006F15:MRM of 2 channels,ES-
313 > 118.9
3.438e+005**PFEESA**F16:MRM of 2 channels,ES-
315 > 135
4.419e+005F16:MRM of 2 channels,ES-
315 > 83
1.178e+005**PFPeS**F21:MRM of 2 channels,ES-
349.0 > 80.0
1.664e+006F21:MRM of 2 channels,ES-
349.0 > 99.0
9.519e+005**HFPO-DA**F11:MRM of 2 channels,ES-
285 > 169
3.279e+005F11:MRM of 2 channels,ES-
285 > 185.0
1.171e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.051e+004**13C2-4:2 FTS-EIS**F19:MRM of 1 channel,ES-
329 > 79.9
2.190e+004**13C2-PFHxA-EIS**F17:MRM of 1 channel,ES-
315.0 > 270.0
1.586e+005**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.051e+004**13C3-PFBS-EIS**F14:MRM of 1 channel,ES-
302.0 > 98.9
2.051e+004**13C3-HFPO-DA-EIS**F12:MRM of 1 channel,ES-
287.0 > 169
5.937e+003

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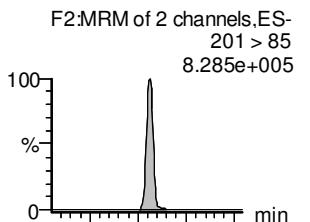
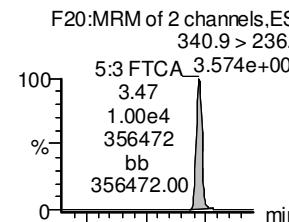
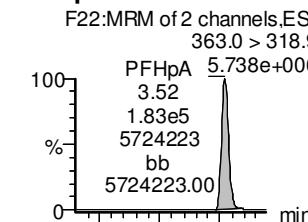
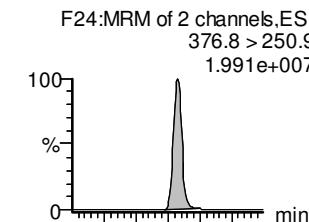
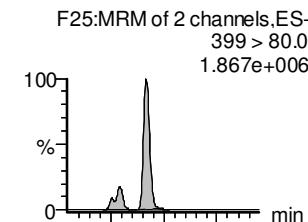
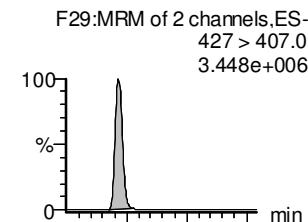
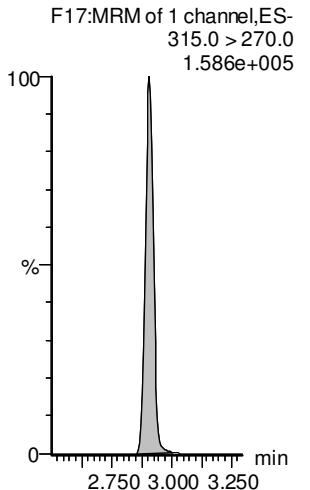
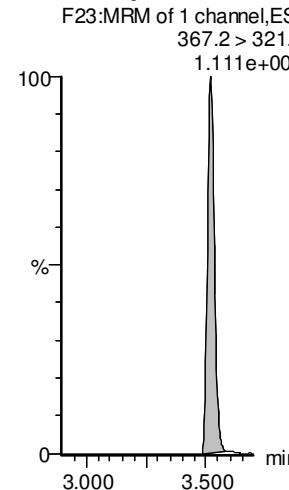
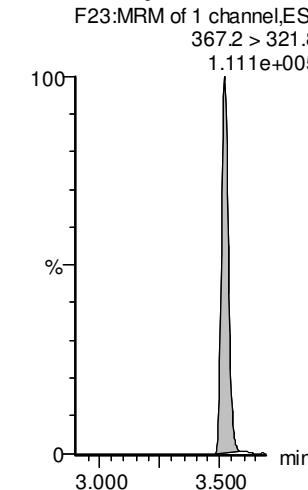
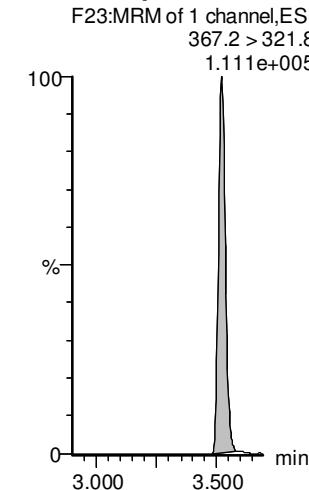
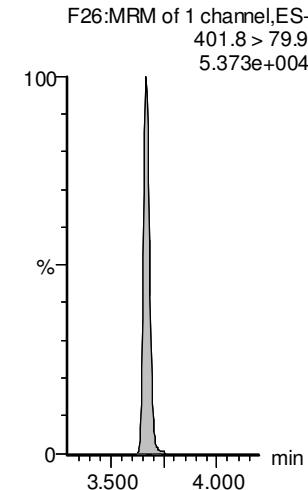
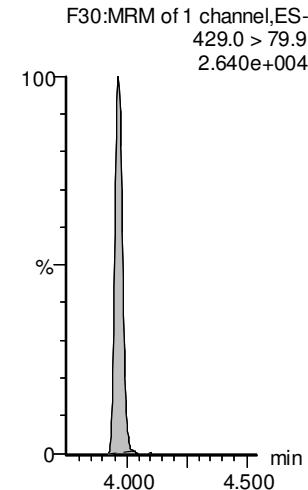
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Name: 210325M1_13, Date: 25-Mar-2021, Time: 14:50:36, ID: ST210325M1-10 PFC CS7 21C0810, Description: PFC CS7 21C0810

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFHxS****6:2 FTS****13C2-PFHxA-EIS****13C4-PFHxA-EIS****13C4-PFHpA-EIS****13C4-PFHpA-EIS****13C3-PFHxS-EIS****13C2-6:2 FTS-EIS**

Vista Analytical Laboratory

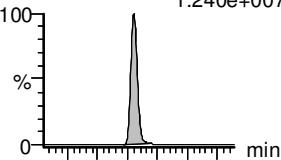
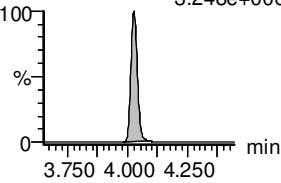
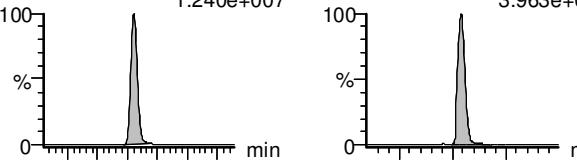
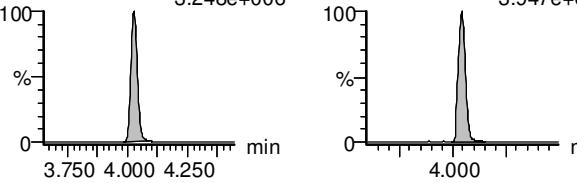
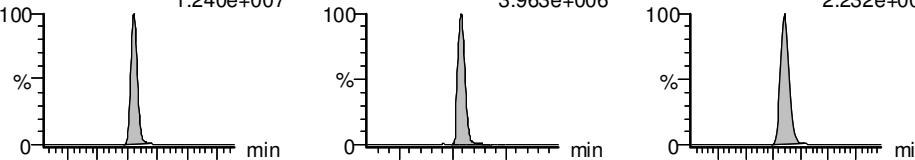
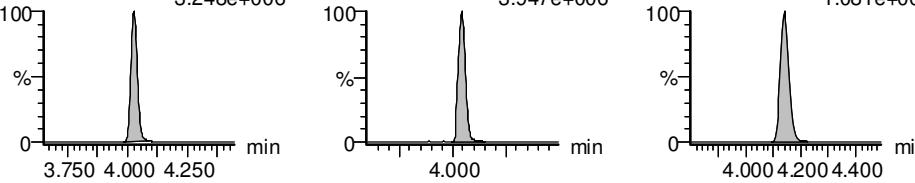
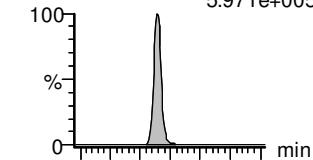
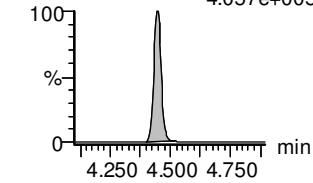
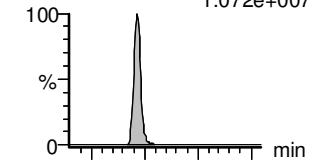
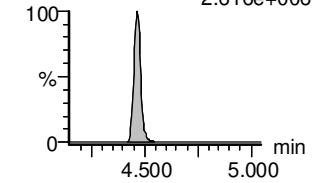
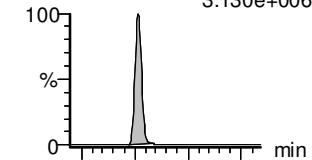
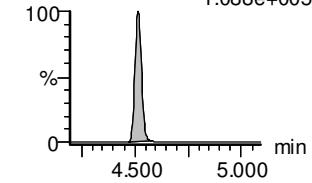
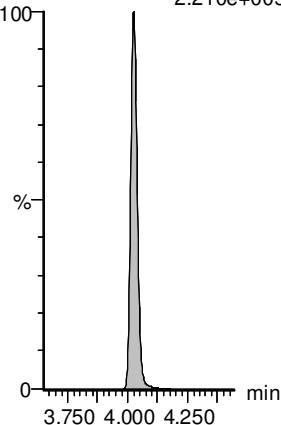
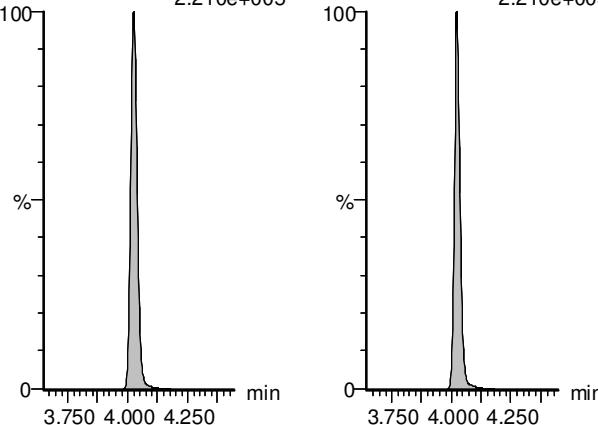
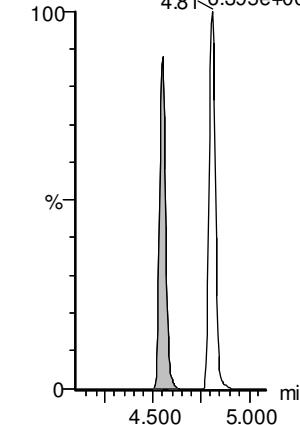
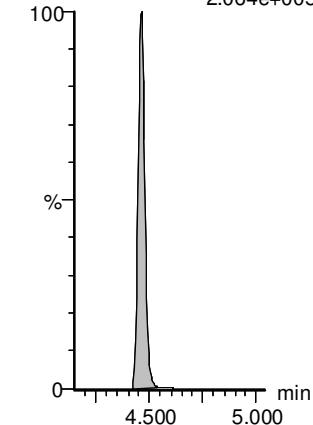
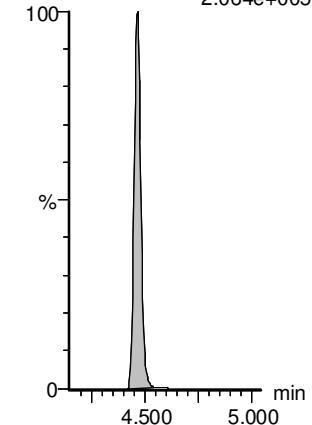
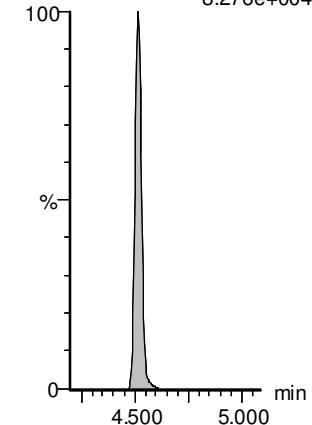
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Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_13, Date: 25-Mar-2021, Time: 14:50:36, ID: ST210325M1-10 PFC CS7 21C0810, Description: PFC CS7 21C0810

L-PFOAF27:MRM of 2 channels,ES-
412.8 > 368.9
1.240e+007F27:MRM of 2 channels,ES-
412.8 > 169
3.248e+006**PFEChS**F33:MRM of 2 channels,ES-
460.8 > 381.0
3.963e+006F33:MRM of 2 channels,ES-
460.8 > 98.9
3.947e+006**PFHpS**F32:MRM of 2 channels,ES-
448.9 > 80.0
2.232e+006F32:MRM of 2 channels,ES-
448.9 > 99.0
1.081e+006**7:3 FTCA**F31:MRM of 2 channels,ES-
441.0 > 337.0
5.971e+005F31:MRM of 2 channels,ES-
441.0 > 317.0
4.057e+005**PFNA**F34:MRM of 2 channels,ES-
463.0 > 418.8
1.072e+007F34:MRM of 2 channels,ES-
463.0 > 219.0
2.616e+006**PFOSA**F36:MRM of 2 channels,ES-
498.0 > 78.0
3.130e+006F36:MRM of 2 channels,ES-
498.0 > 169.0
1.088e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.210e+005**13C2-PFOA-EIS**F28:MRM of 1 channel,ES-
414.9 > 369.7
2.210e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.81-6.395e+004**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.064e+005**13C5-PFNA-EIS**F35:MRM of 1 channel,ES-
468.2 > 422.9
2.064e+005**13C8-PFOSA-EIS**F39:MRM of 1 channel,ES-
506. > 78
8.276e+004

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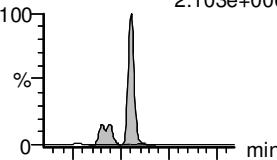
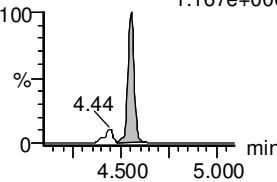
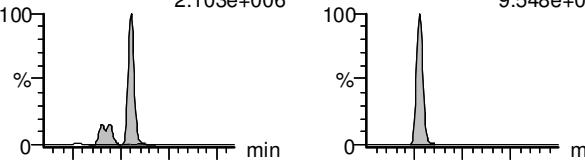
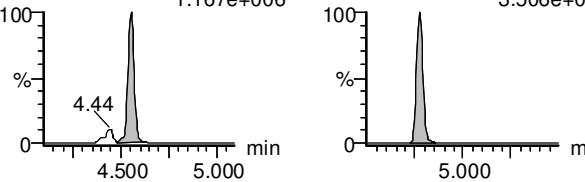
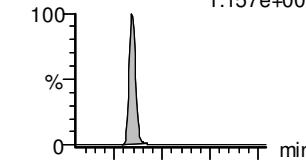
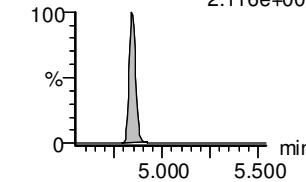
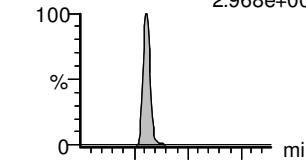
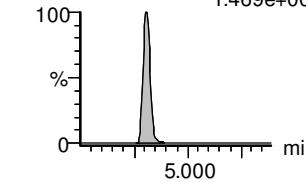
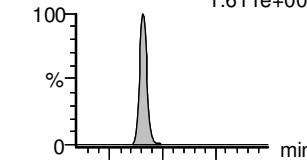
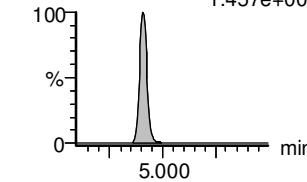
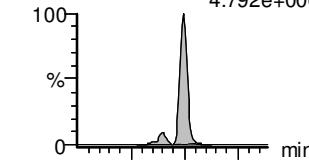
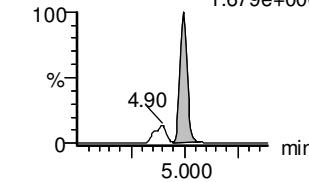
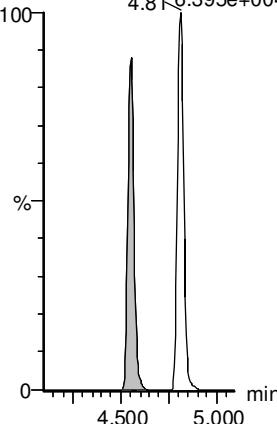
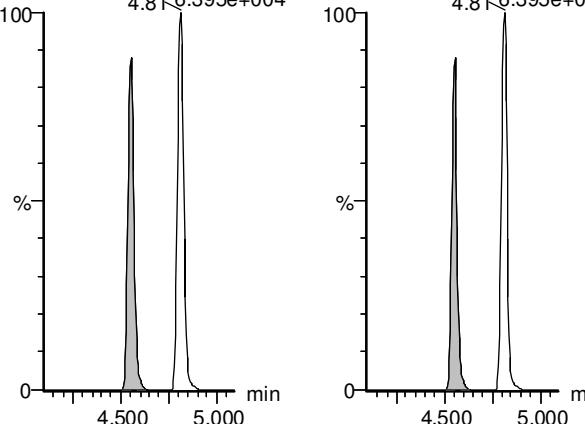
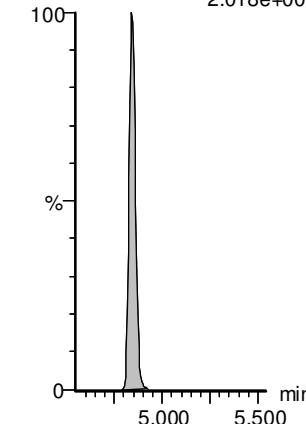
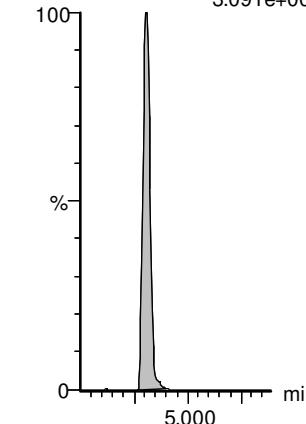
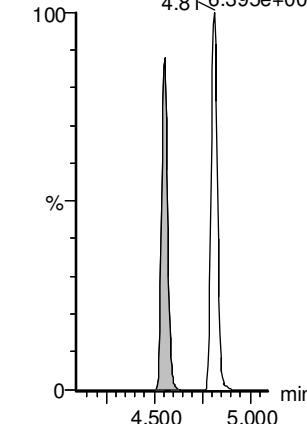
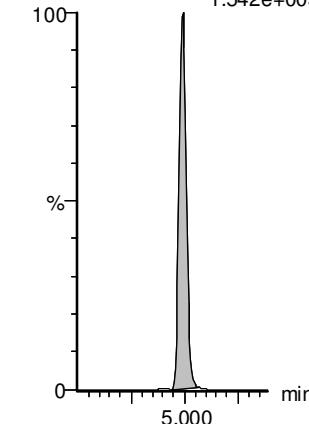
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_13, Date: 25-Mar-2021, Time: 14:50:36, ID: ST210325M1-10 PFC CS7 21C0810, Description: PFC CS7 21C0810

L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
2.103e+006F38:MRM of 2 channels,ES-
499 > 99
1.167e+006**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
9.548e+006F48:MRM of 2 channels,ES-
530.9 > 82.9
3.506e+005**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
1.157e+007F42:MRM of 2 channels,ES-
513 > 219
2.116e+006**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
2.968e+006F46:MRM of 2 channels,ES-
527 > 80.9
1.469e+006**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
1.611e+006F50:MRM of 2 channels,ES-
548.9 > 99
1.457e+006**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
4.792e+006F53:MRM of 2 channels,ES-
570 > 512
1.679e+006**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.816.395e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.816.395e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.018e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.091e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.816.395e+004**d3-N-MeFOSAA-EIS**F54:MRM of 1 channel,ES-
573 > 419
1.542e+005

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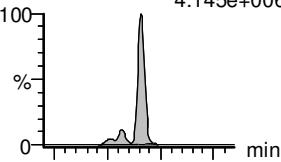
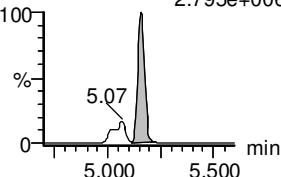
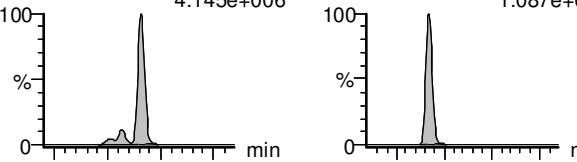
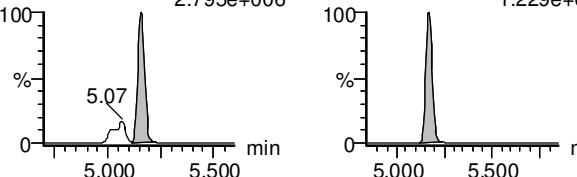
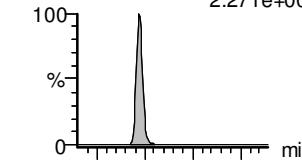
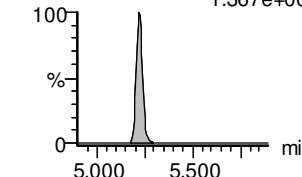
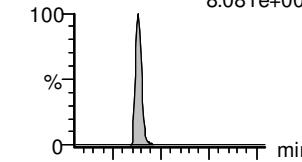
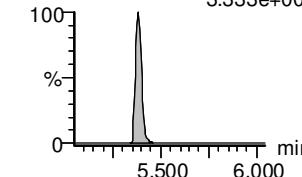
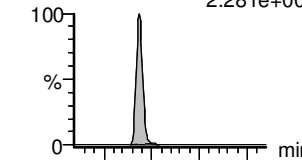
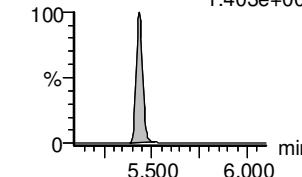
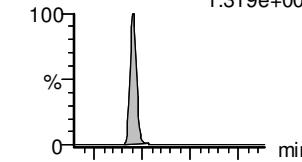
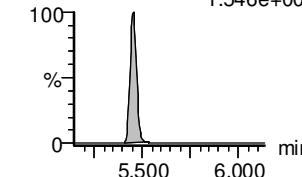
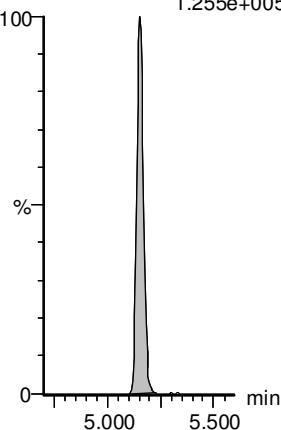
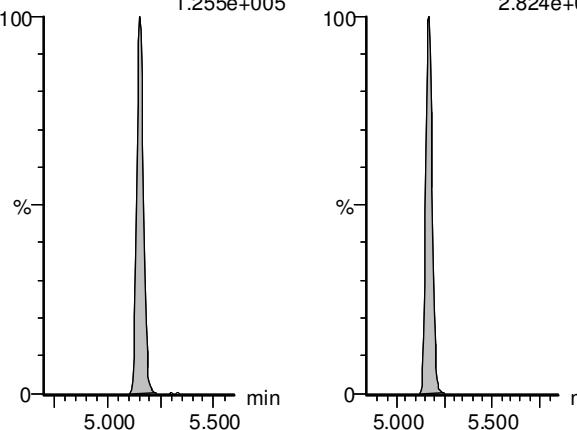
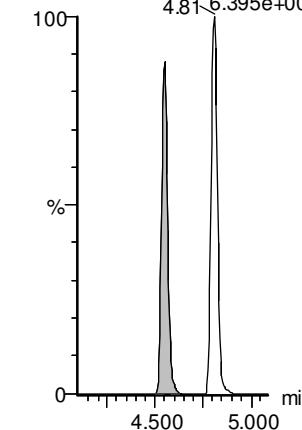
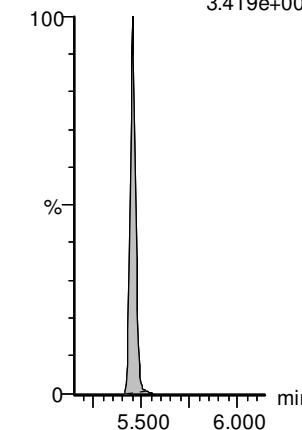
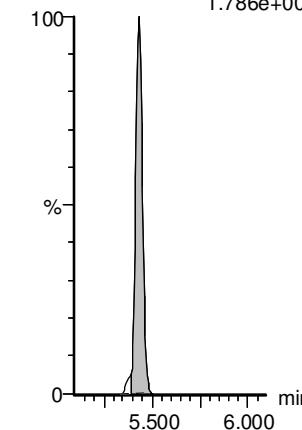
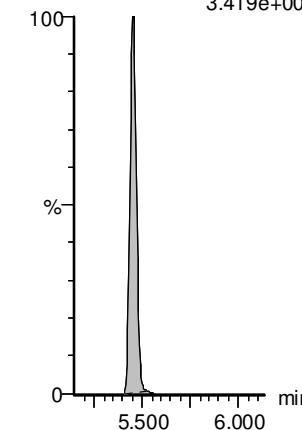
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Last Altered: Friday, March 26, 2021 07:56:25 Pacific Daylight Time

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Printed: Friday, March 26, 2021 07:56:34 Pacific Daylight Time

Name: 210325M1_13, Date: 25-Mar-2021, Time: 14:50:36, ID: ST210325M1-10 PFC CS7 21C0810, Description: PFC CS7 21C0810

L-EtFOSAAF55:MRM of 2 channels,ES-
584 > 419
4.145e+006F55:MRM of 2 channels,ES-
584 > 526
2.795e+006**PFUdA**F51:MRM of 2 channels,ES-
563.0 > 518.9
1.087e+007F51:MRM of 2 channels,ES-
563.0 > 269
1.229e+006**PFDS**F57:MRM of 2 channels,ES-
599.0 > 80.0
2.271e+006F57:MRM of 2 channels,ES-
599.0 > 99.0
1.367e+006**11CI-PF30UdS**F64:MRM of 2 channels,ES-
630.9 > 450.9
8.081e+006F64:MRM of 2 channels,ES-
630.9 > 83.
3.333e+005**10:2 FTS**F62:MRM of 2 channels,ES-
626.9 > 607
2.281e+006F62:MRM of 2 channels,ES-
626.9 > 81
1.403e+006**PFDoA**F58:MRM of 2 channels,ES-
612.9 > 569.0
1.319e+007F58:MRM of 2 channels,ES-
612.9 > 318.8
1.546e+006**d5-N-EtFOSAA-EIS**F56:MRM of 1 channel,ES-
589 > 419
1.255e+005**13C2-PFUdA-EIS**F52:MRM of 1 channel,ES-
565 > 519.8
2.824e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.81-6.395e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.419e+005**13C2-10:2 FTS-EIS**F65:MRM of 1 channel,ES-
633 > 79.9
1.786e+004**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.419e+005

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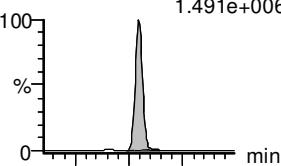
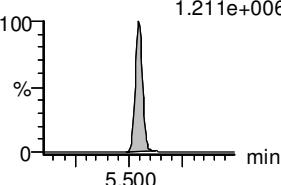
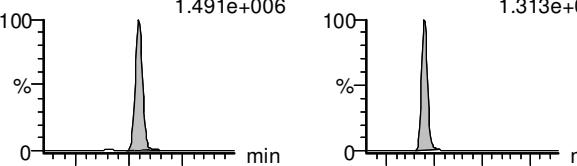
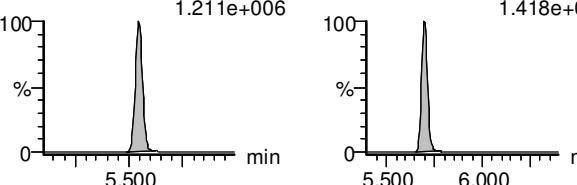
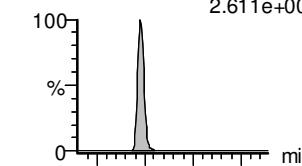
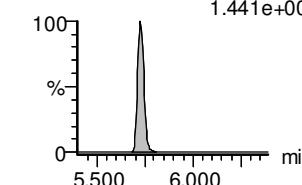
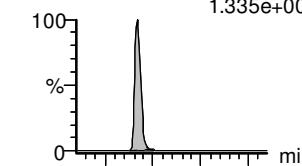
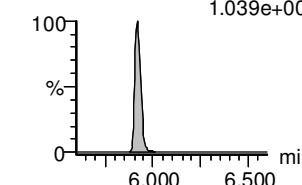
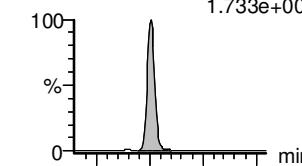
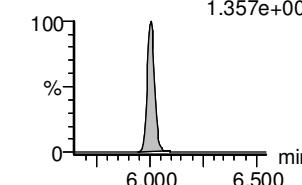
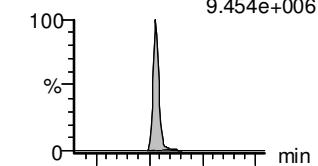
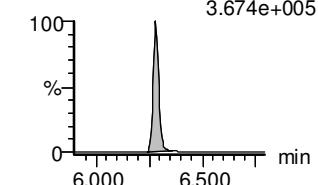
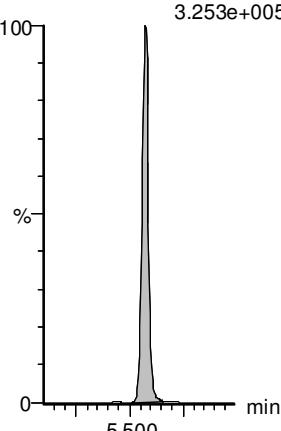
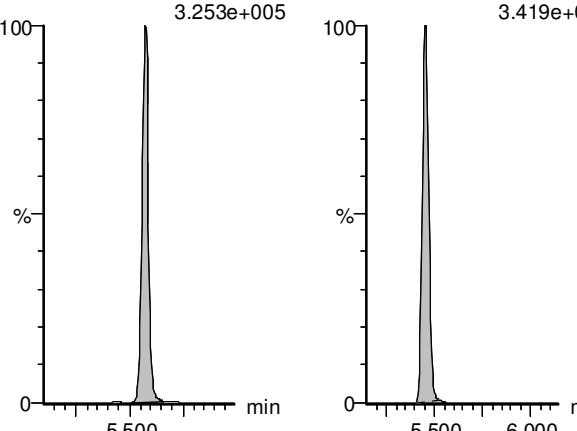
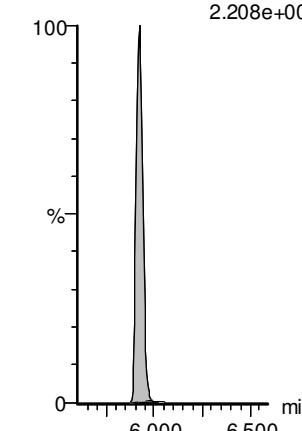
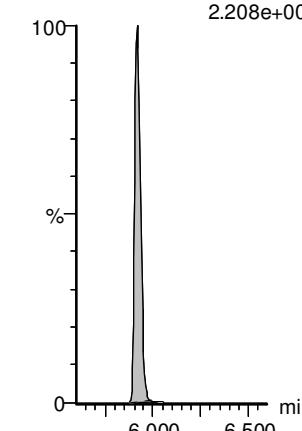
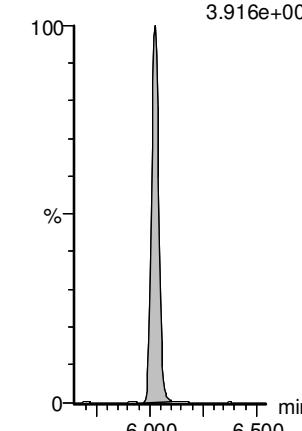
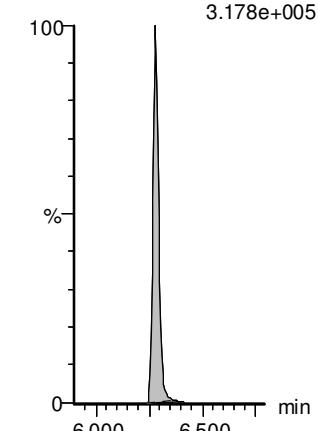
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Name: 210325M1_13, Date: 25-Mar-2021, Time: 14:50:36, ID: ST210325M1-10 PFC CS7 21C0810, Description: PFC CS7 21C0810

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
1.491e+006F41:MRM of 2 channels,ES-
511.9 > 219
1.211e+006**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
1.313e+007F67:MRM of 2 channels,ES-
662.9 > 319
1.418e+006**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
2.611e+006F68:MRM of 2 channels,ES-
698.9 > 99
1.441e+006**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
1.335e+007F69:MRM of 2 channels,ES-
713.0 > 369.0
1.039e+006**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
1.733e+006F45:MRM of 2 channels,ES-
526 > 219
1.357e+006**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
9.454e+006F71:MRM of 2 channels,ES-
813.1 > 219
3.674e+005**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.253e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
3.419e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.208e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.208e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
3.916e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.178e+005

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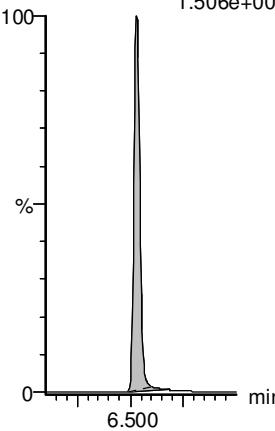
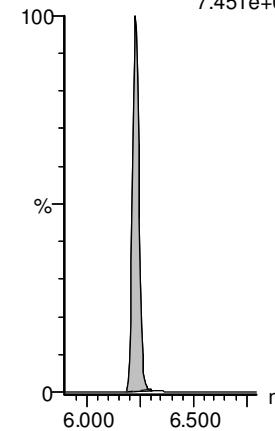
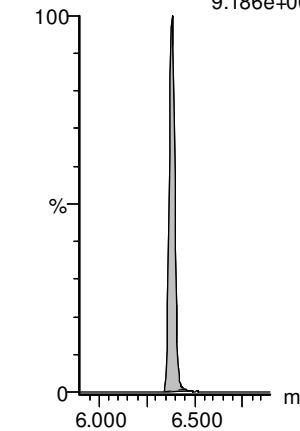
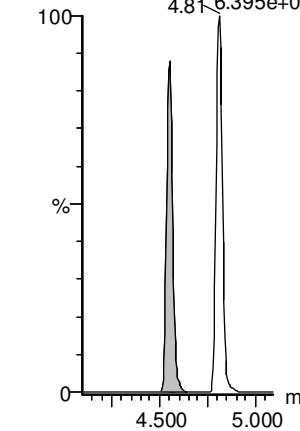
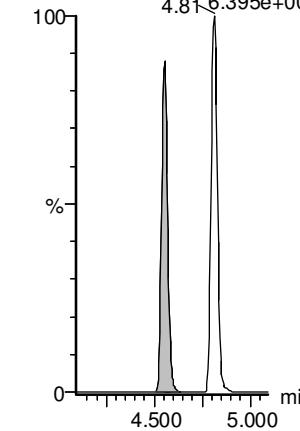
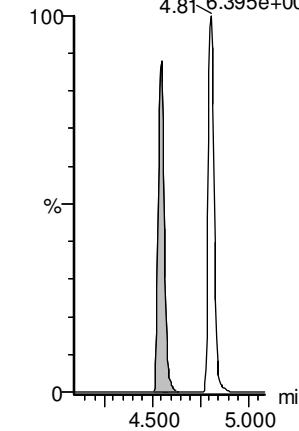
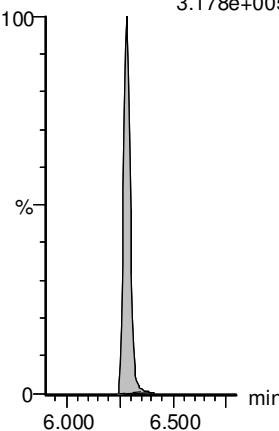
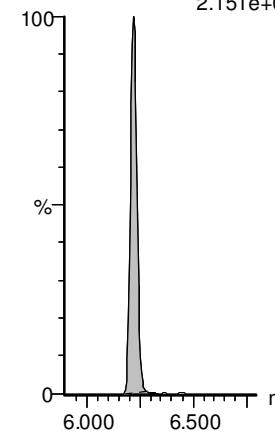
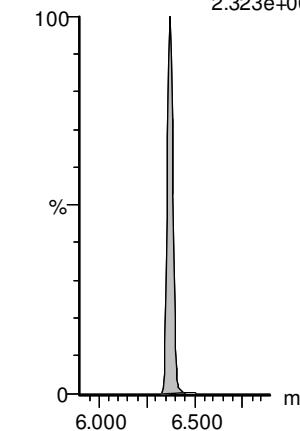
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Name: 210325M1_13, Date: 25-Mar-2021, Time: 14:50:36, ID: ST210325M1-10 PFC CS7 21C0810, Description: PFC CS7 21C0810

PFODAF73:MRM of 1 channel,ES-
913 > 869
1.506e+007**N-MeFOSE**F60:MRM of 1 channel,ES-
616 > 59
7.451e+005**N-EtFOSE**F63:MRM of 1 channel,ES-
630.1 > 58.9
9.186e+005**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.81 6.395e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.81 6.395e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
4.81 6.395e+004**13C2-PFHxD-DA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.178e+005**d7-N-MeFOSE-EIS**F61:MRM of 1 channel,ES-
623.1 > 58.9
2.151e+005**d9-N-EtFOSE-EIS**F66:MRM of 1 channel,ES-
639.2 > 58.8
2.323e+005

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*Not in ICV

Name: 210325M1_15, Date: 25-Mar-2021, Time: 15:11:20, ID: ICV210325M1-1 PFC ICV 2C0811, Description: PFC ICV 21C0811

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	3.155e3	3.069e3	1.00	1.17		12.850	10.000	10.7	107.0	NO		
2	3 PFMPA	229 > 85		7.649e3	1.00				10.000		*	NO		
3	2 PFPrS	248.9 > 79.9		1.218e3	1.00				10.000		*	NO		
4	4 3:3 FTCA	241 > 177		4.664e3	1.00				10.000		*	NO		
5	5 PFPeA	263.1 > 218.9	3.613e3	4.664e3	1.00	2.11		9.683	10.000	10.6	106.2	NO		
6	6 PFMBA	279 > 85		4.664e3	1.00				10.000		*	NO		
7	51 13C3-PFBA-EIS	216.1 > 171.8	3.069e3		1.00	1.17	265.512	3069.342	12.500	11.6	92.5	NO		
8	56 13C2-PFHxA-EIS	315.0 > 270.0	7.649e3		1.00	2.91	622.011	7649.067	12.500	12.3	98.4	NO		
9	53 13C3-PFBS-EIS	302.0 > 98.9	1.218e3		1.00	2.39	100.808	1218.387	12.500	12.1	96.7	NO		
10	52 13C3-PFPeA-EIS	266.0 > 221.8	4.664e3		1.00	2.11	388.348	4663.743	12.500	12.0	96.1	NO		
11	52 13C3-PFPeA-EIS	266.0 > 221.8	4.664e3		1.00	2.11	388.348	4663.743	12.500	12.0	96.1	NO		
12	52 13C3-PFPeA-EIS	266.0 > 221.8	4.664e3		1.00	2.11	388.348	4663.743	12.500	12.0	96.1	NO		
13	-1													
14	7 PFBS	299.0 > 79.7	1.511e3	1.218e3	1.00	2.39		15.499	8.840	9.03	102.1	NO	2.792	NO
15	10 4:2 FTS	327.0 > 306.9	2.542e3	1.110e3	1.00	2.82		28.613	9.360	9.56	102.1	NO	1.841	NO
16	11 PFHxA	313.0 > 269.0	6.523e3	7.649e3	1.00	2.91		10.660	10.000	10.6	105.9	NO	16.612	NO
17	8 PFEESA	315 > 135		1.218e3	1.00				10.000		*	NO		
18	12 PFPeS	349.0 > 80.0	1.728e3	1.218e3	1.00	3.12		17.726	9.360	10.2	109.4	NO	1.803	NO
19	13 HFPO-DA	285 > 169	3.655e2	3.141e2	1.00	3.13		14.545	10.000	11.3	112.8	NO	3.344	YES
20	53 13C3-PFBS-EIS	302.0 > 98.9	1.218e3		1.00	2.39	100.808	1218.387	12.500	12.1	96.7	NO		
21	55 13C2-4:2 FTS-EIS	329 > 79.9	1.110e3		1.00	2.82	96.532	1110.417	12.500	11.5	92.0	NO		
22	56 13C2-PFHxA-EIS	315.0 > 270.0	7.649e3		1.00	2.91	622.011	7649.067	12.500	12.3	98.4	NO		
23	53 13C3-PFBS-EIS	302.0 > 98.9	1.218e3		1.00	2.39	100.808	1218.387	12.500	12.1	96.7	NO		
24	53 13C3-PFBS-EIS	302.0 > 98.9	1.218e3		1.00	2.39	100.808	1218.387	12.500	12.1	96.7	NO		
25	54 13C3-HFPO-DA-EIS	287.0 > 169	3.141e2		1.00	3.12	24.857	314.090	12.500	12.6	101.1	NO		
26	-1													
27	9 NFDHA	201 > 85		7.649e3	1.00				10.000		*	NO		
28	14 5:3 FTCA	340.9 > 236.9		4.631e3	1.00				10.000		*	NO		
29	15 PFHpA	363.0 > 318.9	4.435e3	4.631e3	1.00	3.52		11.971	10.000	9.51	95.1	NO	10.058	NO
30	16 ADONA	376.8 > 250.9	1.419e4	4.631e3	1.00	3.63		38.298	9.440	9.73	103.0	NO	3.522	NO
31	17 L-PFHxA	399 > 80.0	1.601e3	2.322e3	1.00	3.66		8.620	9.120	8.70	95.4	NO	1.596	NO
32	19 6:2 FTS	427 > 407.0	3.040e3	1.185e3	1.00	3.97		32.071	9.480	9.72	102.5	NO	2.298	NO
33	56 13C2-PFHxA-EIS	315.0 > 270.0	7.649e3		1.00	2.91	622.011	7649.067	12.500	12.3	98.4	NO		
34	57 13C4-PFHxA-EIS	367.2 > 321.8	4.631e3		1.00	3.52	380.184	4631.143	12.500	12.2	97.5	NO		
35	57 13C4-PFHxA-EIS	367.2 > 321.8	4.631e3		1.00	3.52	380.184	4631.143	12.500	12.2	97.5	NO		
36	57 13C4-PFHxA-EIS	367.2 > 321.8	4.631e3		1.00	3.52	380.184	4631.143	12.500	12.2	97.5	NO		

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Name: 210325M1_15, Date: 25-Mar-2021, Time: 15:11:20, ID: ICV210325M1-1 PFC ICV 2C0811, Description: PFC ICV 21C0811

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
37	58 13C3-PFHxS-EIS	401.8 > 79.9	2.322e3		1.00	3.67	187.592	2322.068	12.500	12.4	99.0	NO		
38	59 13C2-6:2 FTS-EIS	429.0 > 79.9	1.185e3		1.00	3.96	95.748	1184.989	12.500	12.4	99.0	NO		
39	-1													
40	20 L-PFOA	412.8 > 368.9	1.028e4	9.056e3	1.00	4.02		14.186	10.000	10.8	107.7	NO	4.095	NO
41	22 PFecHS	460.8 > 381.0		9.056e3	1.00				10.000	*	NO			
42	23 PFHpS	448.9 > 80.0	1.894e3	2.680e3	1.00	4.14		8.831	9.520	9.99	105.0	NO	2.122	NO
43	24 7:3 FTCA	441.0 > 337.0		9.818e3	1.00				10.000	*	NO			
44	25 PFNA	463.0 > 418.8	9.197e3	9.818e3	1.00	4.47		11.710	10.000	10.9	108.8	NO	3.977	NO
45	26 PFOSA	498.0 > 78.0	2.375e3	3.290e3	1.00	4.51		9.024	10.000	9.83	98.3	NO	29.321	NO
46	62 13C2-PFOA-EIS	414.9 > 369.7	9.056e3		1.00	4.02	775.038	9056.249	12.500	11.7	93.5	NO		
47	62 13C2-PFOA-EIS	414.9 > 369.7	9.056e3		1.00	4.02	775.038	9056.249	12.500	11.7	93.5	NO		
48	63 13C8-PFOS-EIS	507.0 > 80	2.680e3		1.00	4.55	214.550	2680.355	12.500	12.5	99.9	NO		
49	60 13C5-PFNA-EIS	468.2 > 422.9	9.818e3		1.00	4.47	788.455	9817.514	12.500	12.5	99.6	NO		
50	60 13C5-PFNA-EIS	468.2 > 422.9	9.818e3		1.00	4.47	788.455	9817.514	12.500	12.5	99.6	NO		
51	61 13C8-PFOSA-EIS	506. > 78	3.290e3		1.00	4.51	263.334	3289.885	12.500	12.5	99.9	NO		
52	-1													
53	27 L-PFOS	499 > 79.9	2.126e3	2.680e3	1.00	4.55		9.915	9.280	9.70	104.5	NO	2.056	NO
54	29 9Cl-PF30NS	530.9>351	7.978e3	2.680e3	1.00	4.78		37.205	9.320	9.26	99.4	NO	28.107	NO
55	30 PFDA	513 > 468.8	1.126e4	8.960e3	1.00	4.84		15.704	10.000	11.2	111.5	NO	5.997	NO
56	31 8:2 FTS	527 > 507.0	2.894e3	1.394e3	1.00	4.81		25.953	9.600	10.1	104.8	NO	1.975	NO
57	32 PFNS	548.9 > 79.9	1.394e3	2.680e3	1.00	4.91		6.501	9.600	9.28	96.6	NO	1.131	NO
58	33 L-MeFOSAA	570 > 419	5.637e3	6.757e3	1.00	4.99		10.428	10.000	11.6	116.1	NO	2.654	NO
59	63 13C8-PFOS-EIS	507.0 > 80	2.680e3		1.00	4.55	214.550	2680.355	12.500	12.5	99.9	NO		
60	63 13C8-PFOS-EIS	507.0 > 80	2.680e3		1.00	4.55	214.550	2680.355	12.500	12.5	99.9	NO		
61	64 13C2-PFDA-EIS	515.1 > 469.9	8.960e3		1.00	4.84	768.980	8960.411	12.500	11.7	93.2	NO		
62	65 13C2-8:2 FTS-EIS	529 > 79.9	1.394e3		1.00	4.81	117.592	1393.911	12.500	11.9	94.8	NO		
63	63 13C8-PFOS-EIS	507.0 > 80	2.680e3		1.00	4.55	214.550	2680.355	12.500	12.5	99.9	NO		
64	66 d3-N-MeFOSAA-EIS	573 > 419	6.757e3		1.00	4.99	556.607	6756.585	12.500	12.1	97.1	NO		
65	-1													
66	35 L-EtFOSAA	584 > 419	4.895e3	6.094e3	1.00	5.15		10.040	10.000	10.0	100.3	NO	1.424	NO
67	37 PFUdA	563.0 > 518.9	1.014e4	1.333e4	1.00	5.17		9.509	10.000	10.1	101.1	NO	9.109	NO
68	38 PFDS	599.0 > 80.0	2.058e3	2.680e3	1.00	5.22		9.600	9.640	9.82	101.9	NO	1.637	NO
69	39 11Cl-PF30UdS	630.9 > 450.9	6.970e3	1.630e4	1.00	5.38		5.345	9.440	10.2	107.9	NO	31.229	NO
70	40 10:2 FTS	626.9 > 607		1.076e3	1.00				10.000	*	NO			
71	41 PFDoA	612.9 > 569.0	1.268e4	1.630e4	1.00	5.45		9.727	10.000	10.7	107.3	NO	8.105	NO
72	68 d5-N-EtFOSAA-EIS	589 > 419	6.094e3		1.00	5.15	519.234	6094.423	12.500	11.7	93.9	NO		

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Name: 210325M1_15, Date: 25-Mar-2021, Time: 15:11:20, ID: ICV210325M1-1 PFC ICV 2C0811, Description: PFC ICV 21C0811

	# Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
73	67 13C2-PFUdA-EIS	565 > 519.8	1.333e4		1.00	5.17	1124.914	13333.267	12.500	11.9	94.8	NO		
74	63 13C8-PFOS-EIS	507.0 > 80	2.680e3		1.00	4.55	214.550	2680.355	12.500	12.5	99.9	NO		
75	69 13C2-PFDaO-EIS	615 > 570	1.630e4		1.00	5.45	1278.054	16299.288	12.500	12.8	102.0	NO		
76	70 13C2-10:2 FTS-EIS	633 > 79.9	1.076e3		1.00	5.44	92.290	1075.566	12.500	11.7	93.2	NO		
77	69 13C2-PFDaO-EIS	615 > 570	1.630e4		1.00	5.45	1278.054	16299.288	12.500	12.8	102.0	NO		
78	-1													
79	42 N-MeFOSA	511.9 > 169		1.246e4	1.00				10.000		*	NO		
80	43 PFTrDA	662.9 > 618.9	1.162e4	1.630e4	1.00	5.70		8.914	10.000	10.3	102.8	NO	8.307	NO
81	44 PFDaS	698.9 > 80		1.002e4	1.00				9.600		*	NO		
82	45 PFTeDA	713.0 > 669.0	1.218e4	1.002e4	1.00	5.92		15.187	10.000	10.4	104.4	NO	13.763	NO
83	46 N-EtFOSA	526 > 169		1.686e4	1.00				10.000		*	NO		
84	47 PFHxDA	813.1 > 768.6		1.245e4	1.00				10.000		*	NO		
85	71 d3-N-MeFOSA-EIS	515.2 > 168.9	1.246e4		1.00	5.57	88.087	12460.987	149.200	141	94.8	NO		
86	69 13C2-PFDaO-EIS	615 > 570	1.630e4		1.00	5.45	1278.054	16299.288	12.500	12.8	102.0	NO		
87	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.002e4		1.00	5.92	860.517	10024.961	12.500	11.6	93.2	NO		
88	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.002e4		1.00	5.92	860.517	10024.961	12.500	11.6	93.2	NO		
89	73 d5-N-ETFOSA-EIS	531.1 > 168.9	1.686e4		1.00	6.03	116.314	16859.744	149.200	145	97.2	NO		
90	74 13C2-PFHxDA-EIS	815 > 769.7	1.245e4		1.00	6.28	1042.649	12445.795	12.500	11.9	95.5	NO		
91	-1													
92	48 PFODA	913 > 869		1.245e4	1.00				10.000		*	NO		
93	49 N-MeFOSE	616 > 59		7.714e3	1.00				10.000		*	NO		
94	50 N-EtFOSE	630.1 > 58.9		8.403e3	1.00				10.000		*	NO		
95	63 13C8-PFOS-EIS	507.0 > 80	2.680e3		1.00	4.55	214.550	2680.355	12.500	12.5	99.9	NO		
96	63 13C8-PFOS-EIS	507.0 > 80	2.680e3		1.00	4.55	214.550	2680.355	12.500	12.5	99.9	NO		
97	63 13C8-PFOS-EIS	507.0 > 80	2.680e3		1.00	4.55	214.550	2680.355	12.500	12.5	99.9	NO		
98	74 13C2-PFHxDA-EIS	815 > 769.7	1.245e4		1.00	6.28	1042.649	12445.795	12.500	11.9	95.5	NO		
99	75 d7-N-MeFOSE-EIS	623.1 > 58.9	7.714e3		1.00	6.22	53.555	7714.260	149.200	144	96.5	NO		
100	76 d9-N-EtFOSE-EIS	639.2 > 58.8	8.403e3		1.00	6.37	59.717	8403.462	149.200	141	94.3	NO		

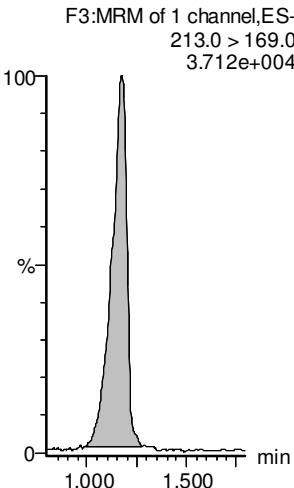
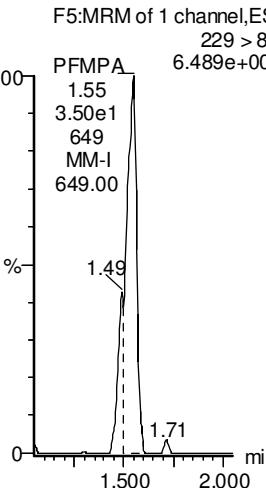
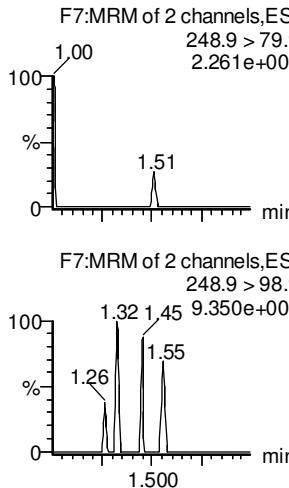
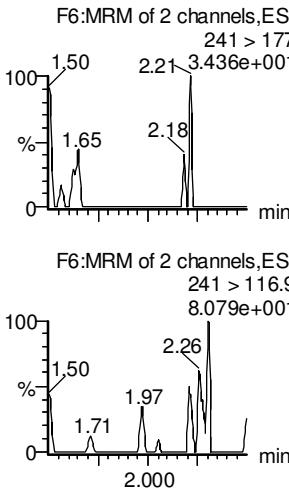
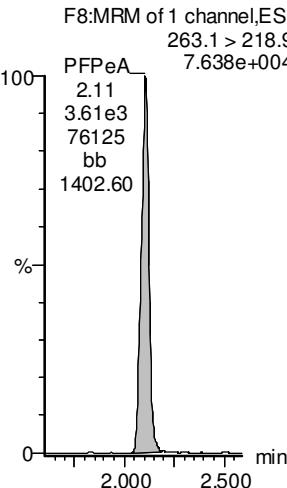
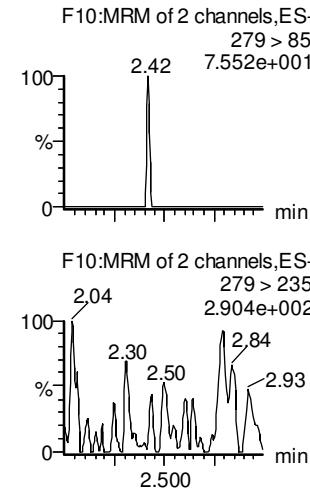
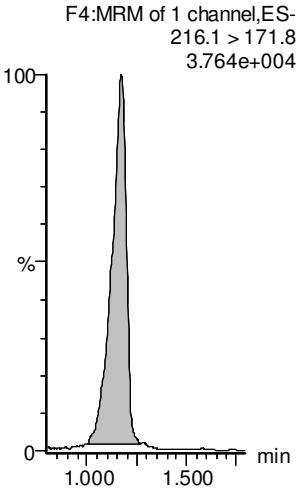
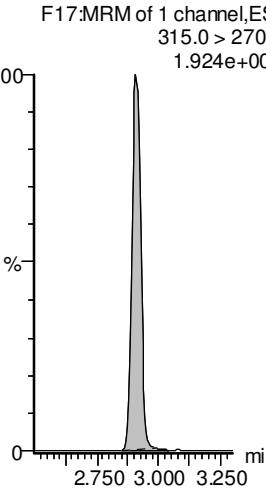
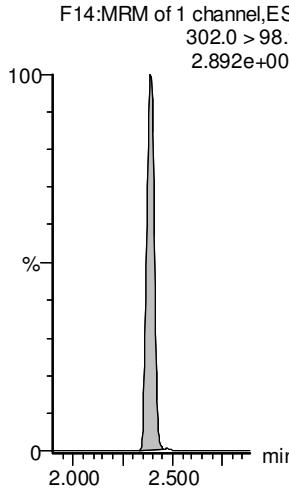
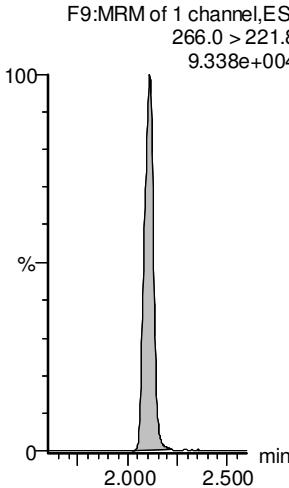
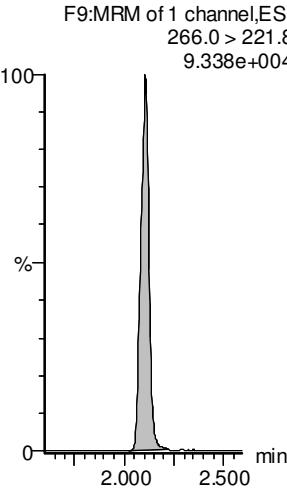
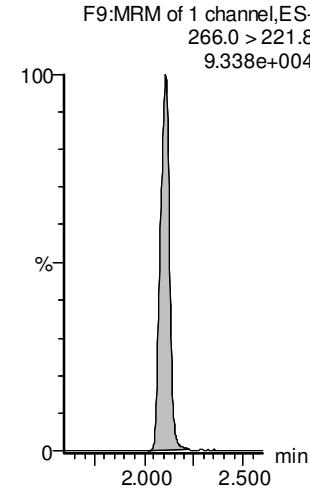
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_032321_ICV.mdb 24 Mar 2021 08:52:17**Calibration:** F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_03-25-21.cdb 26 Mar 2021 08:25:58**Name:** 210325M1_15, **Date:** 25-Mar-2021, **Time:** 15:11:20, **ID:** ICV210325M1-1 PFC ICV 2C0811, **Description:** PFC ICV 21C0811**PFBA****PFMPA****PFPrS****3:3 FTCA****PFPeA****PFMBA****13C3-PFBA-EIS****13C2-PFHxA-EIS****13C3-PFBs-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS****13C3-PFPeA-EIS**

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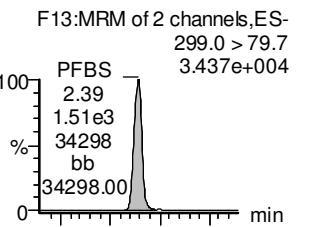
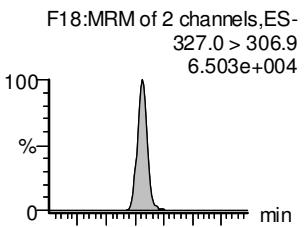
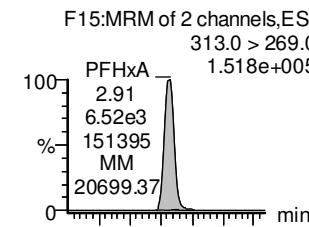
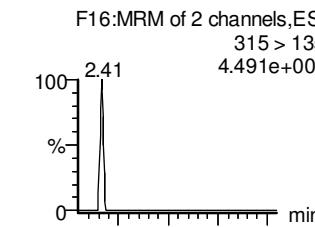
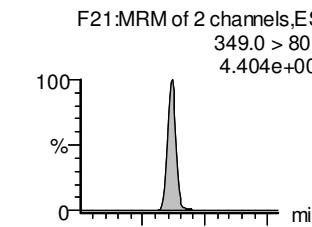
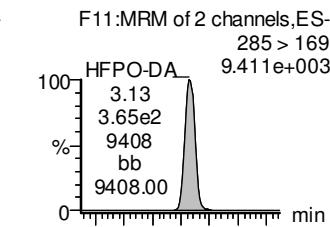
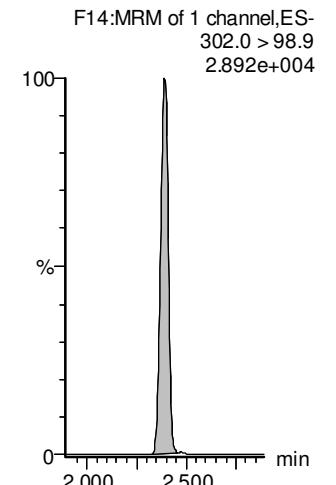
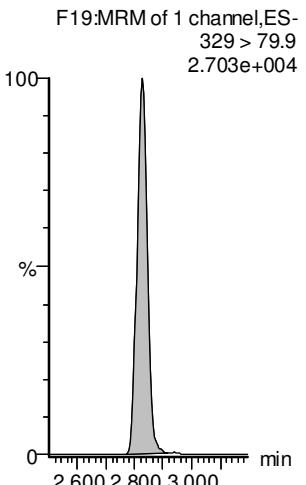
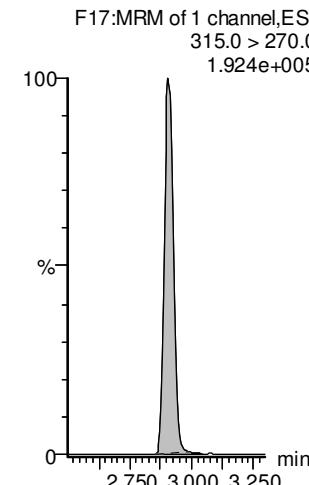
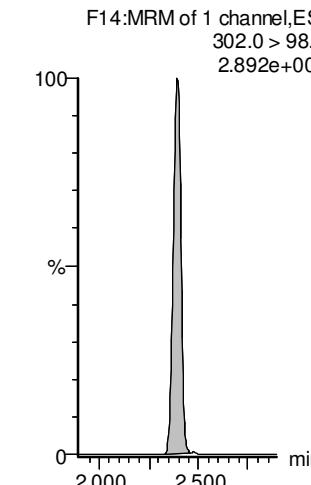
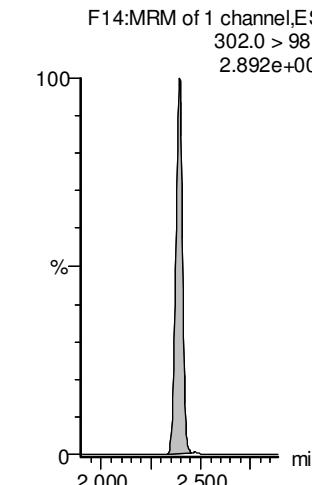
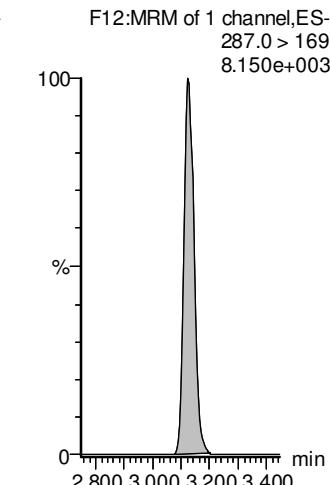
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Name: 210325M1_15, Date: 25-Mar-2021, Time: 15:11:20, ID: ICV210325M1-1 PFC ICV 2C0811, Description: PFC ICV 21C0811

PFBS**4:2 FTS****PFHxA****PFEESA****PFPeS****HFPO-DA****13C3-PFBS-EIS****13C2-4:2 FTS-EIS****13C2-PFHxA-EIS****13C3-PFBS-EIS****13C3-PFBS-EIS****13C3-HFPO-DA-EIS**

Vista Analytical Laboratory

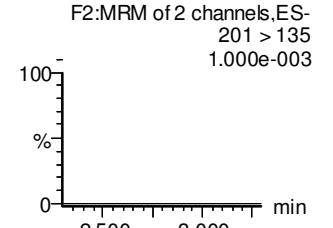
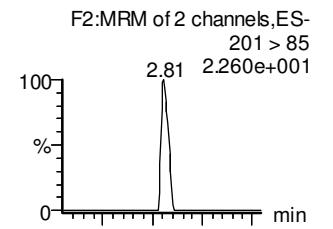
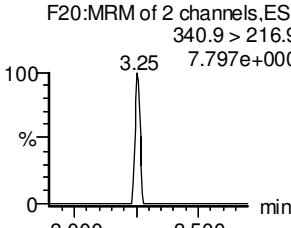
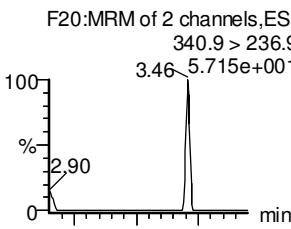
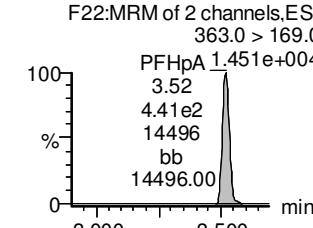
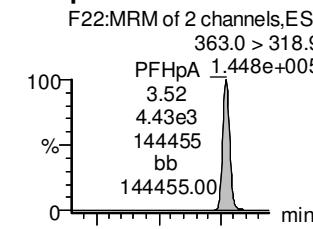
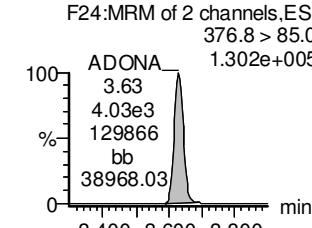
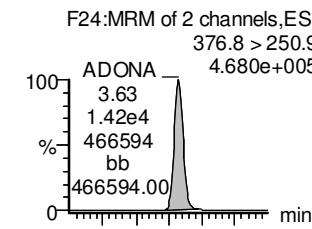
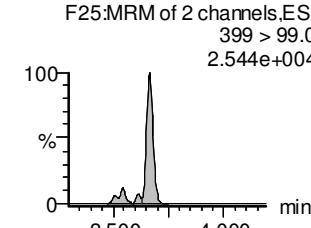
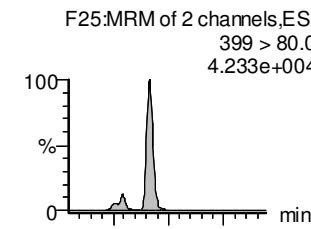
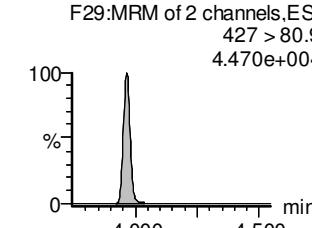
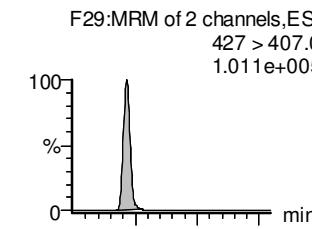
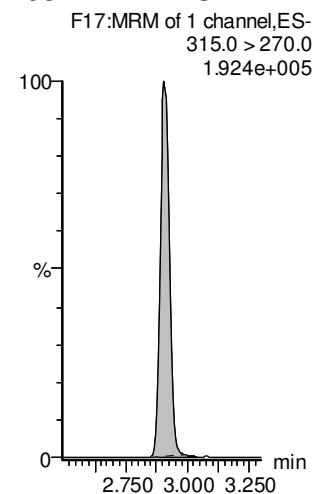
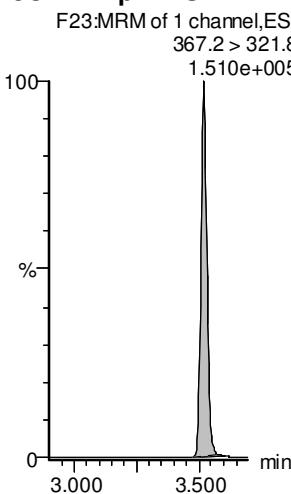
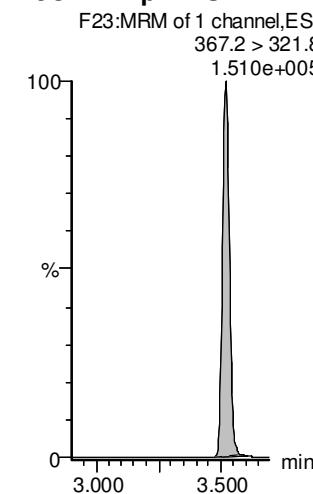
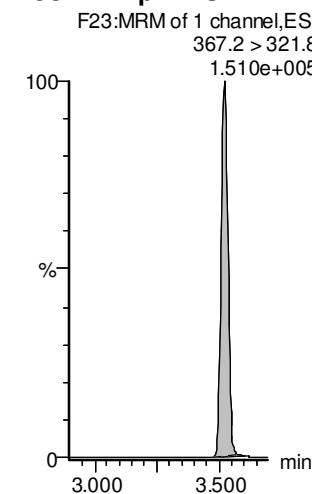
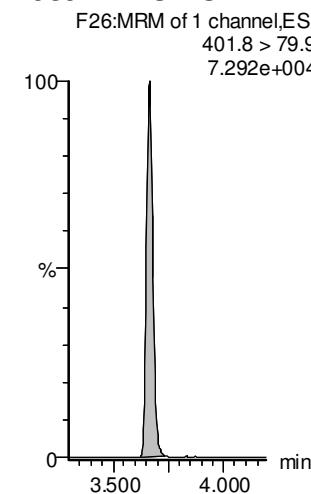
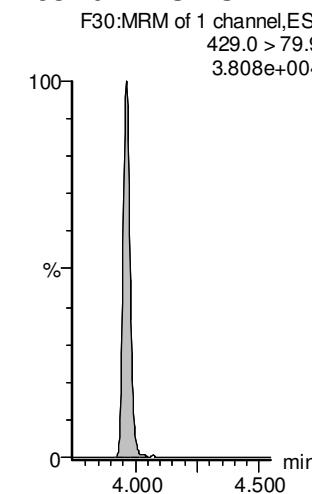
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Name: 210325M1_15, Date: 25-Mar-2021, Time: 15:11:20, ID: ICV210325M1-1 PFC ICV 2C0811, Description: PFC ICV 21C0811

NFDHA**5:3 FTCA****PFHpA****ADONA****L-PFHxS****6:2 FTS****13C2-PFHxA-EIS****13C4-PFHxA-EIS****13C4-PFHxA-EIS****13C4-PFHxA-EIS****13C3-PFHxS-EIS****13C2-6:2 FTS-EIS**

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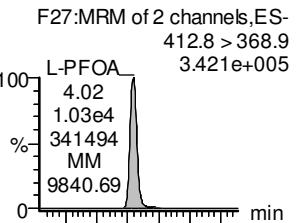
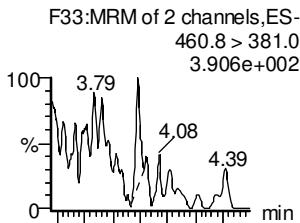
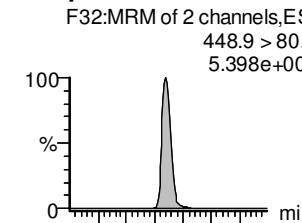
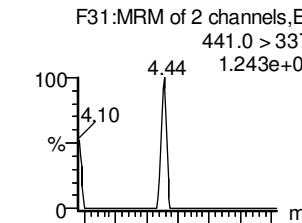
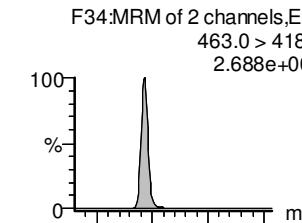
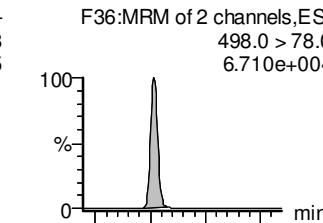
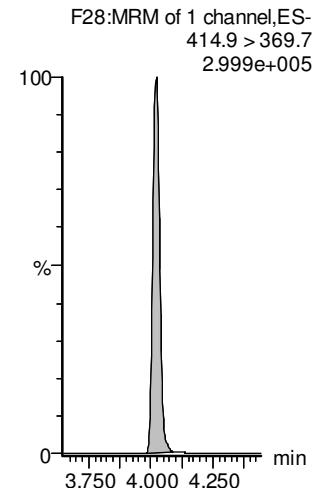
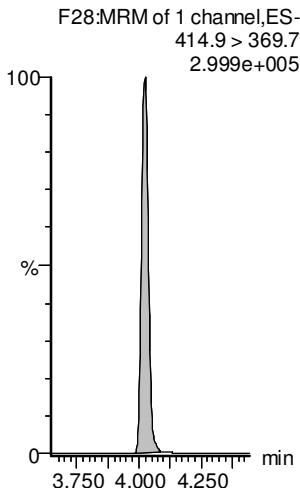
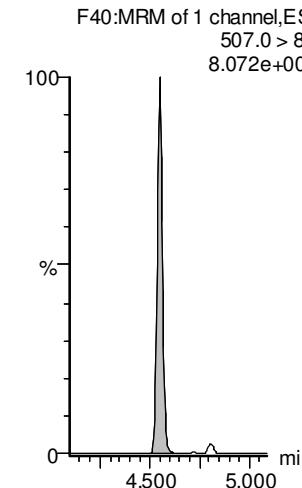
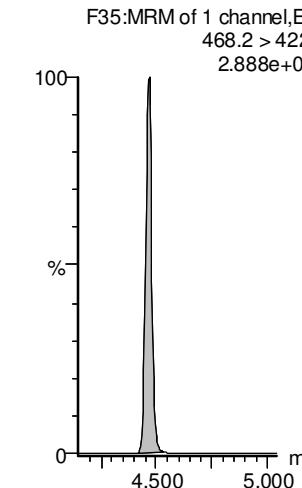
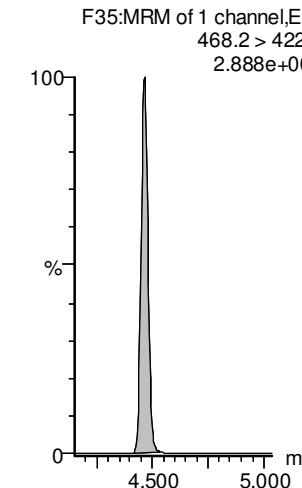
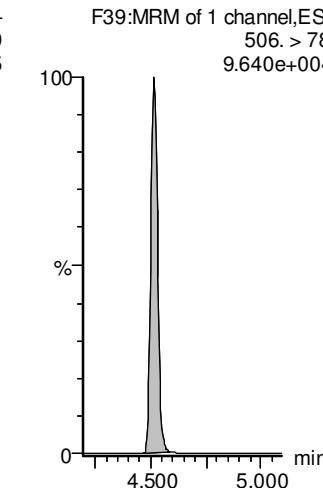
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L-PFOA**PFEChS****PFHpS****7:3 FTCA****PFNA****PFOSA****13C2-PFOA-EIS****13C2-PFOA-EIS****13C8-PFOS-EIS****13C5-PFNA-EIS****13C5-PFNA-EIS****13C8-PFOSA-EIS**

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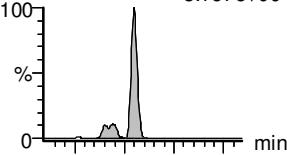
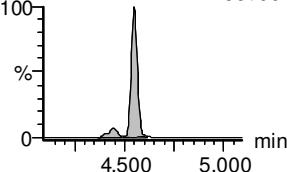
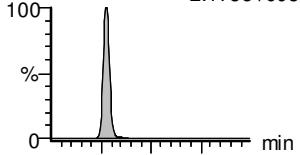
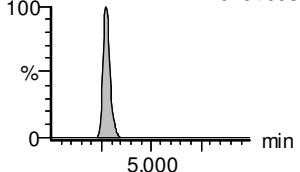
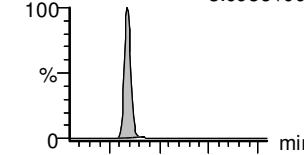
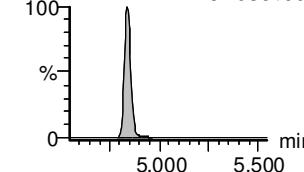
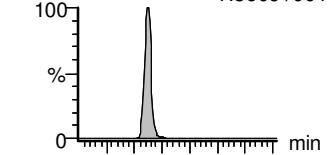
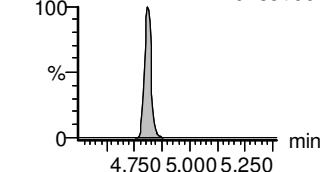
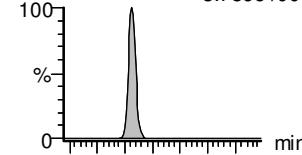
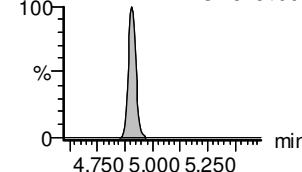
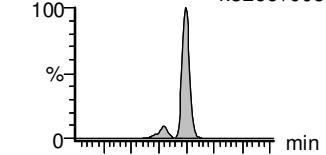
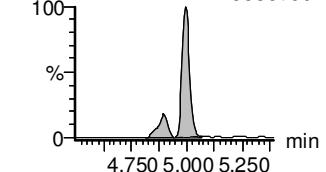
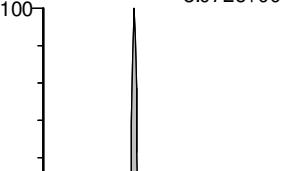
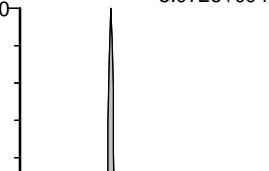
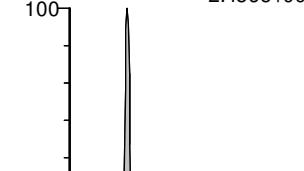
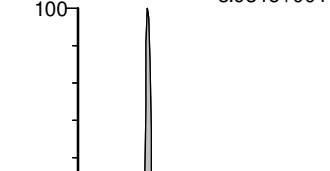
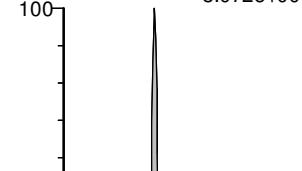
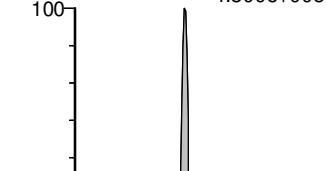
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L-PFOSF38:MRM of 2 channels,ES-
499 > 79.9
5.167e+004F38:MRM of 2 channels,ES-
499 > 99
2.716e+004**9CI-PF30NS**F48:MRM of 2 channels,ES-
530.9 > 351
2.175e+005F48:MRM of 2 channels,ES-
530.9 > 82.9
7.104e+003**PFDA**F42:MRM of 2 channels,ES-
513 > 468.8
3.098e+005F42:MRM of 2 channels,ES-
513 > 219
5.193e+004**8:2 FTS**F46:MRM of 2 channels,ES-
527 > 507.0
7.860e+004F46:MRM of 2 channels,ES-
527 > 80.9
4.018e+004**PFNS**F50:MRM of 2 channels,ES-
548.9 > 79.9
3.786e+004F50:MRM of 2 channels,ES-
548.9 > 99
3.257e+004**L-MeFOSAA**F53:MRM of 2 channels,ES-
570 > 419
1.326e+005F53:MRM of 2 channels,ES-
570 > 512
4.558e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.072e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
507.0 > 80
8.072e+004**13C2-PFDA-EIS**F43:MRM of 1 channel,ES-
515.1 > 469.9
2.456e+005**13C2-8:2 FTS-EIS**F47:MRM of 1 channel,ES-
529 > 79.9
3.931e+004**13C8-PFOS-EIS**F40:MRM of 1 channel,ES-
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1.800e+005

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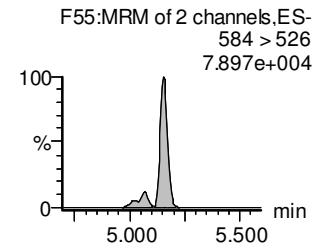
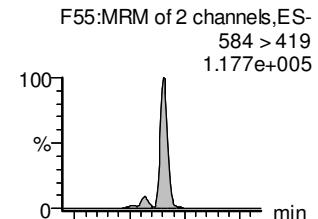
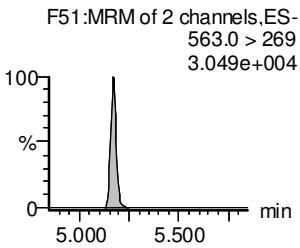
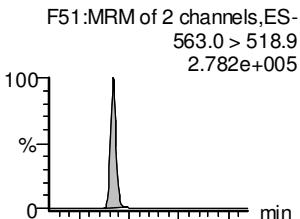
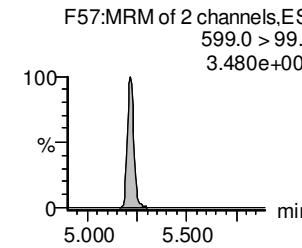
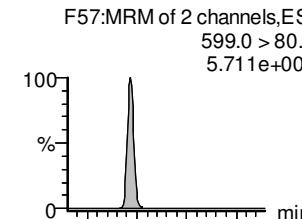
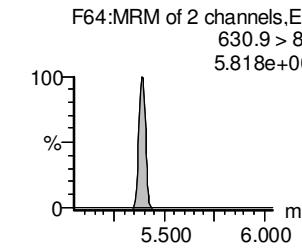
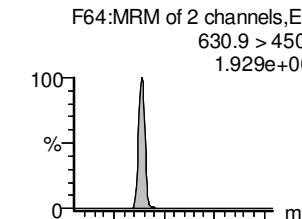
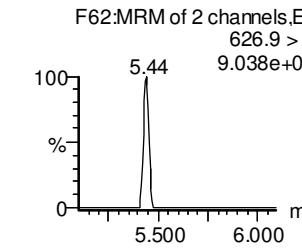
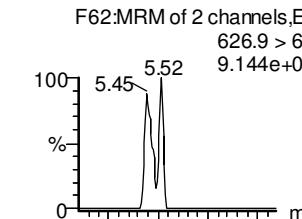
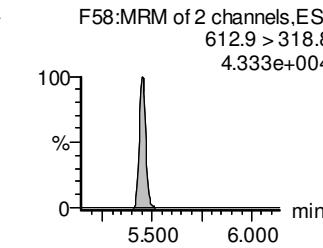
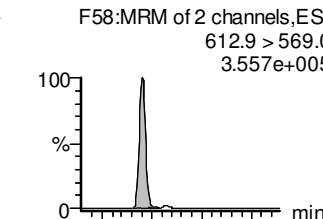
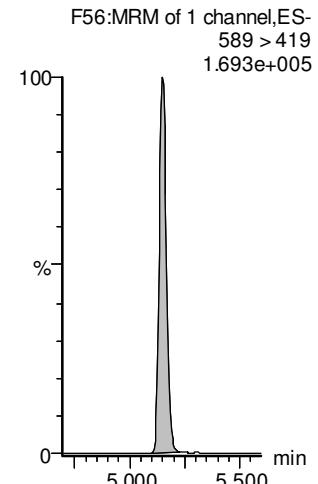
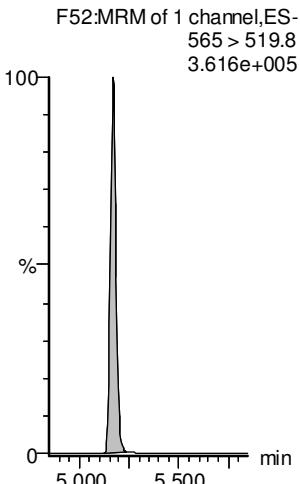
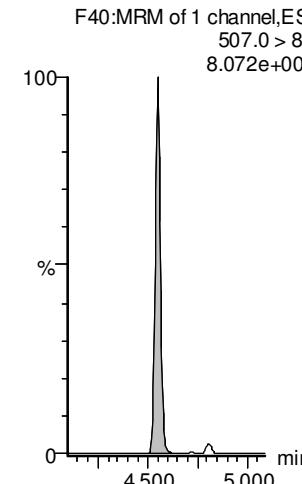
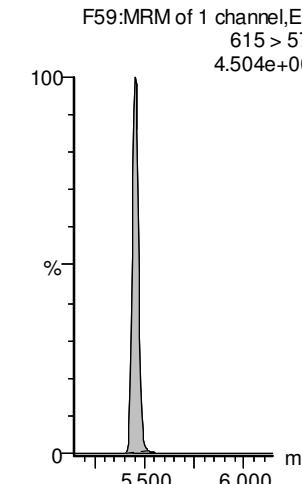
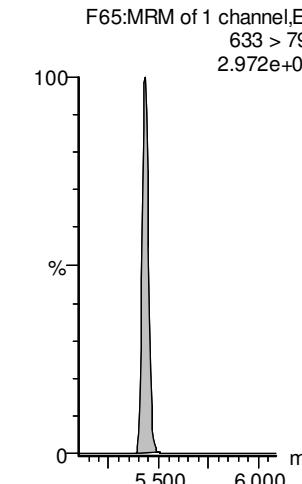
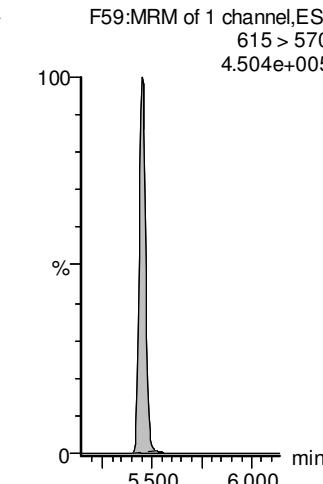
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L-EtFOSAA**PFUdA****PFDS****11CI-PF30UdS****10:2 FTS****PFDoA****d5-N-EtFOSAA-EIS****13C2-PFUdA-EIS****13C8-PFOS-EIS****13C2-PFDoA-EIS****13C2-10:2 FTS-EIS****13C2-PFDoA-EIS**

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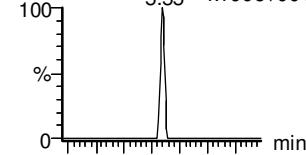
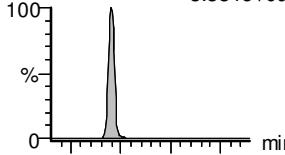
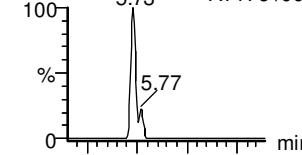
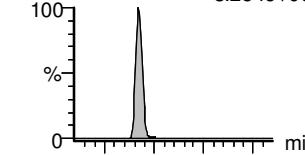
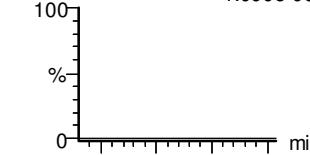
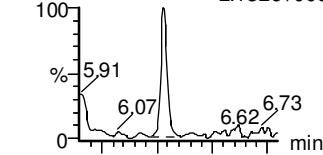
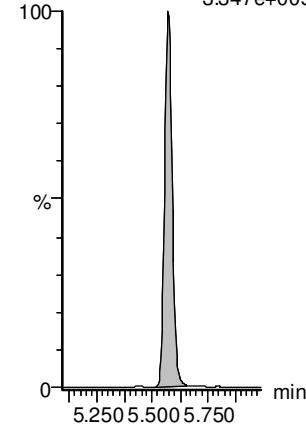
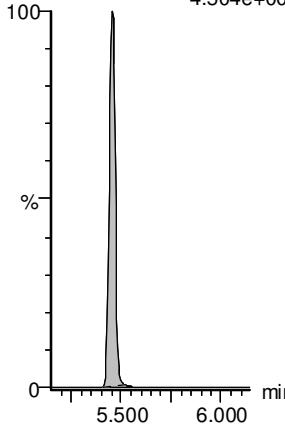
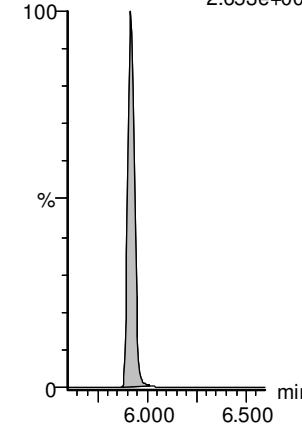
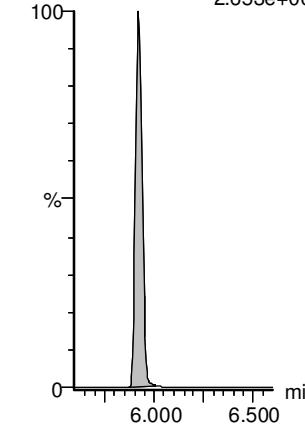
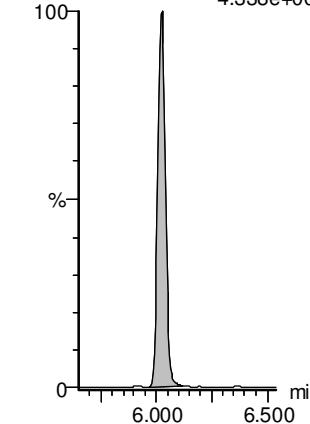
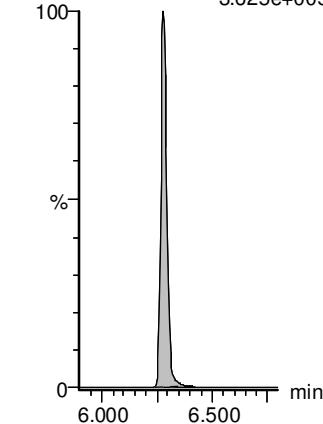
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Last Altered: Friday, March 26, 2021 08:44:40 Pacific Daylight Time

OPV 3/26/2021

Printed: Friday, March 26, 2021 08:44:48 Pacific Daylight Time

Name: 210325M1_15, Date: 25-Mar-2021, Time: 15:11:20, ID: ICV210325M1-1 PFC ICV 2C0811, Description: PFC ICV 21C0811

N-MeFOSAF41:MRM of 2 channels,ES-
511.9 > 169
4.199e+001**PFTrDA**F67:MRM of 2 channels,ES-
662.9 > 618.9
3.334e+005**PFDoS**F68:MRM of 2 channels,ES-
698.9 > 80
7.717e+001**PFTeDA**F69:MRM of 2 channels,ES-
713.0 > 669.0
3.254e+005**N-EtFOSA**F45:MRM of 2 channels,ES-
526 > 169
1.000e-003**PFHxDA**F71:MRM of 2 channels,ES-
813.1 > 768.6
2.132e+003**d3-N-MeFOSA-EIS**F44:MRM of 1 channel,ES-
515.2 > 168.9
3.347e+005**13C2-PFDoA-EIS**F59:MRM of 1 channel,ES-
615 > 570
4.504e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.653e+005**13C2-PFTeDA-EIS**F70:MRM of 2 channels,ES-
715.1 > 669.7
2.653e+005**d5-N-ETFOSA-EIS**F49:MRM of 1 channel,ES-
531.1 > 168.9
4.338e+005**13C2-PFHxDA-EIS**F72:MRM of 1 channel,ES-
815 > 769.7
3.625e+005

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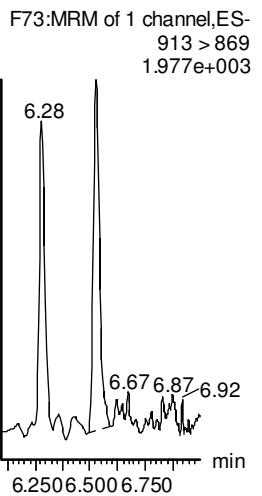
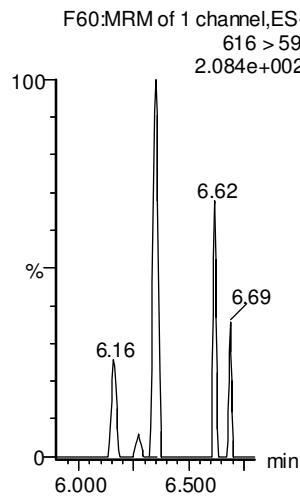
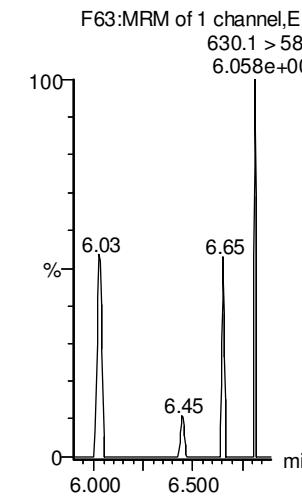
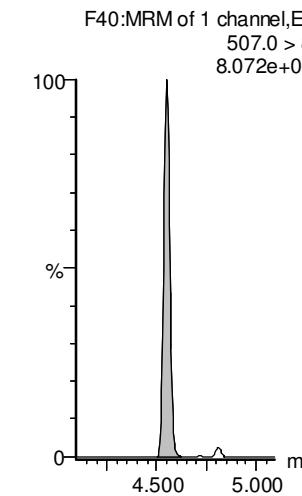
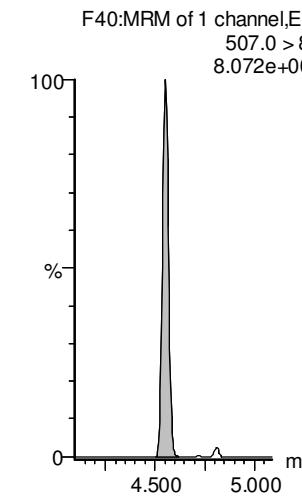
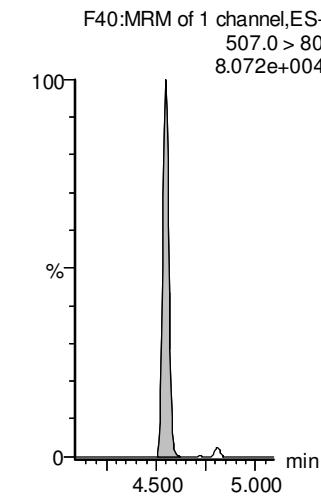
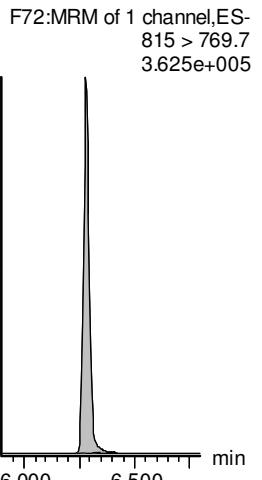
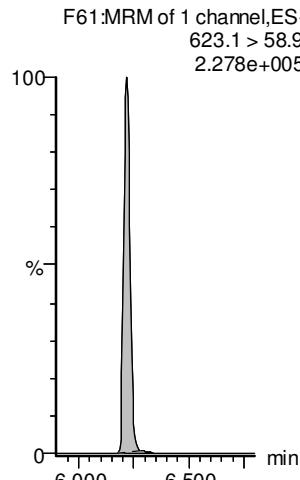
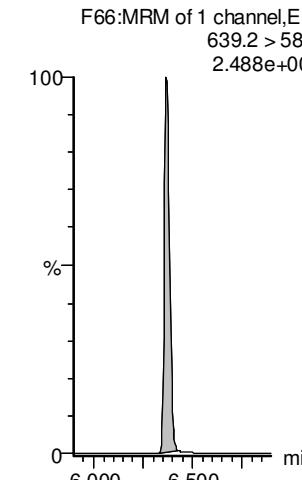
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OPV 3/26/2021

Printed: Friday, March 26, 2021 08:44:48 Pacific Daylight Time

Name: 210325M1_15, Date: 25-Mar-2021, Time: 15:11:20, ID: ICV210325M1-1 PFC ICV 2C0811, Description: PFC ICV 21C0811

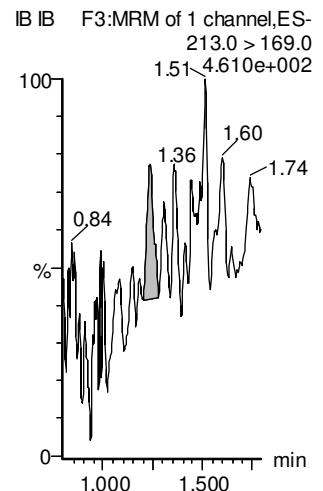
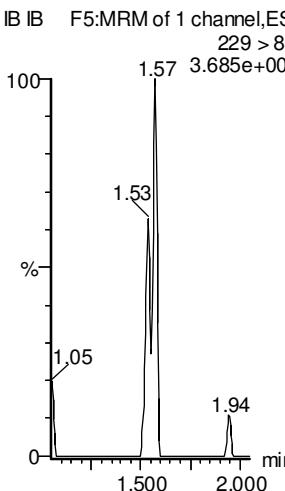
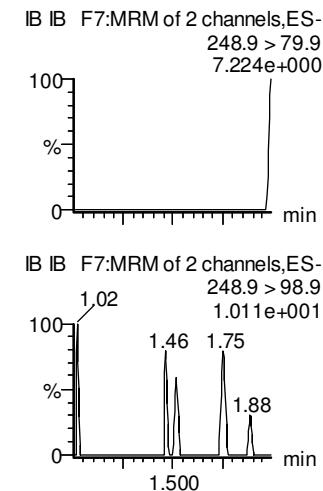
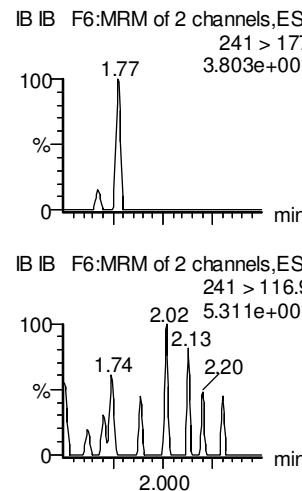
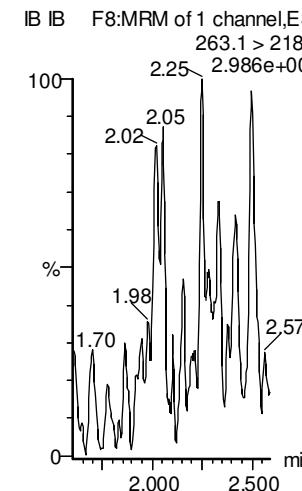
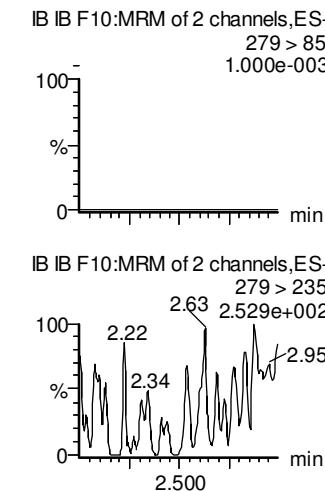
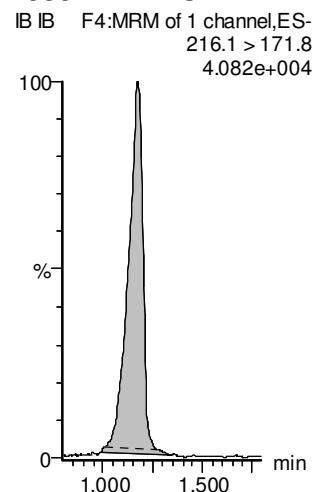
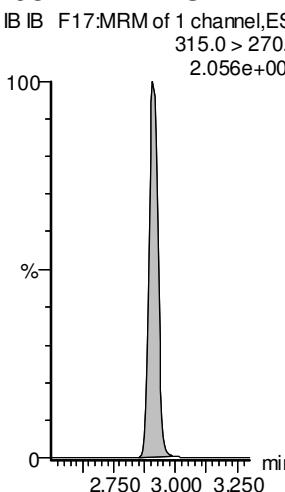
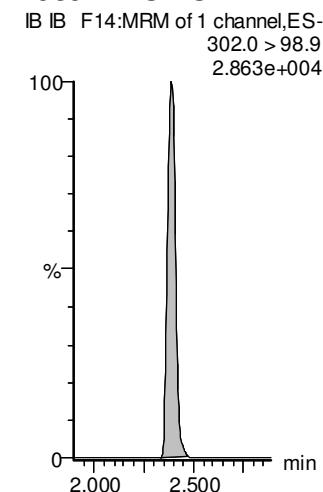
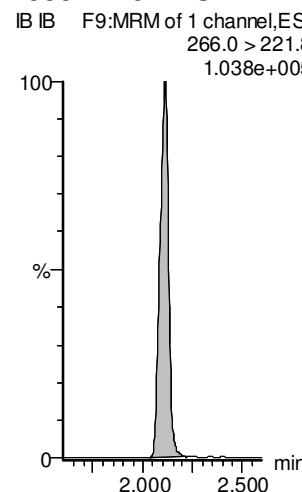
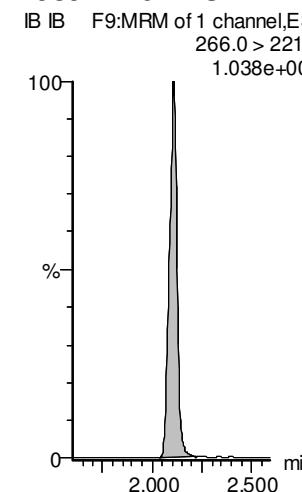
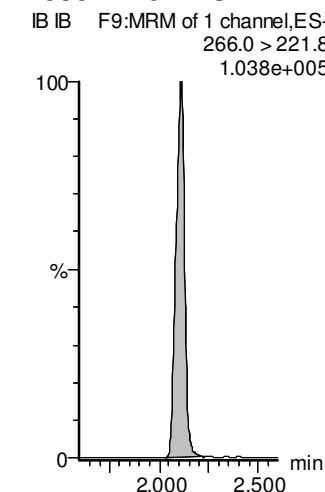
PFODA**N-MeFOSE****N-EtFOSE****13C8-PFOS-EIS****13C8-PFOS-EIS****13C8-PFOS-EIS****13C2-PFHxD-DA-EIS****d7-N-MeFOSE-EIS****d9-N-EtFOSE-EIS**

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Dataset: Untitled

Last Altered: Friday, March 26, 2021 08:49:16 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:49:19 Pacific Daylight Time

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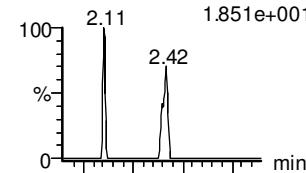
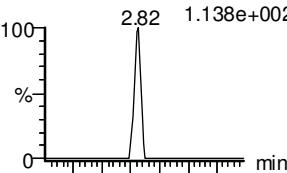
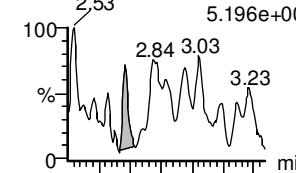
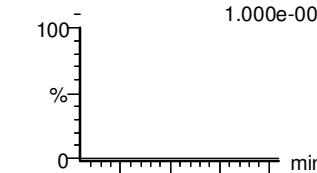
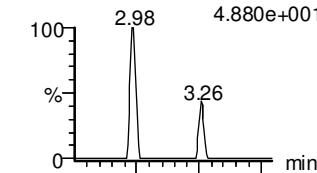
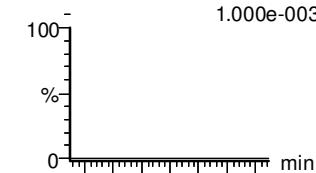
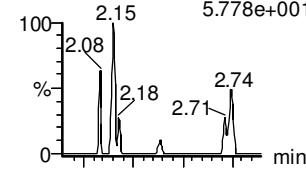
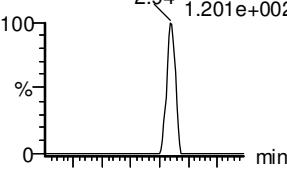
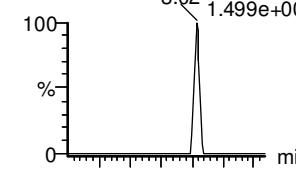
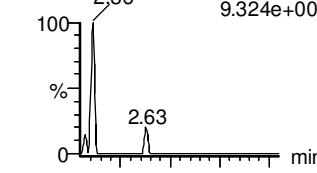
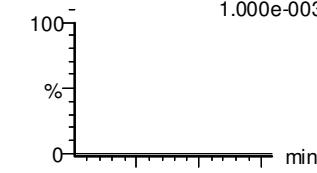
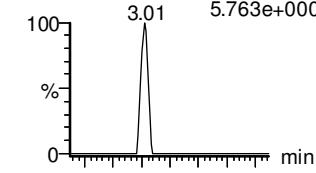
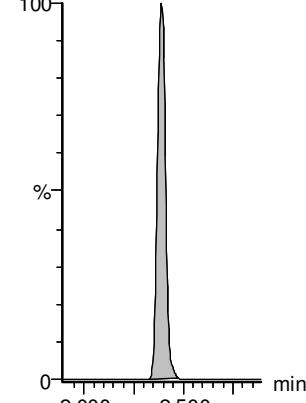
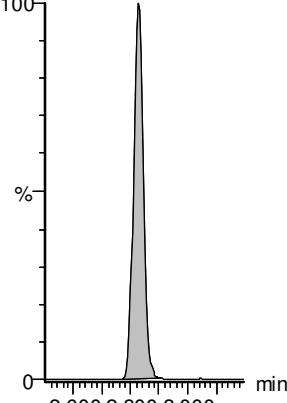
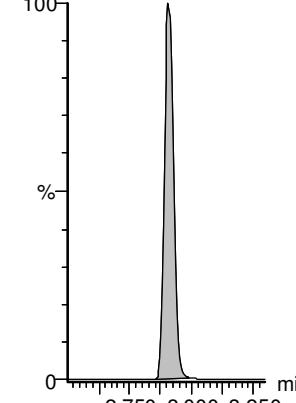
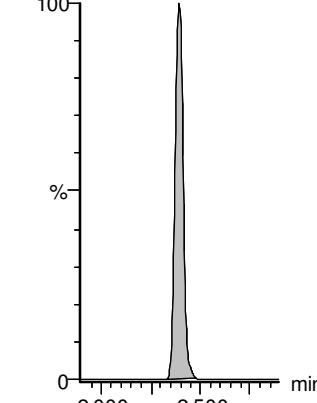
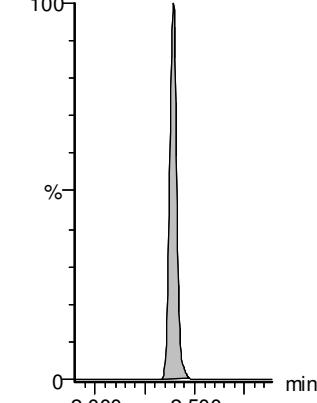
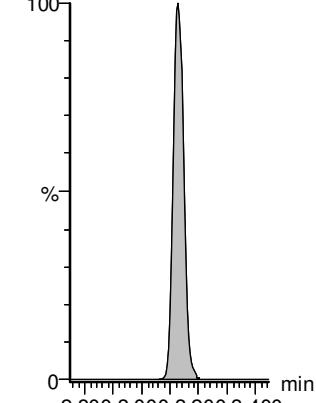
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Last Altered: Friday, March 26, 2021 08:49:16 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:49:19 Pacific Daylight Time

Name: 210325M1_14, Date: 25-Mar-2021, Time: 15:00:58, ID: IB, Description: IB

PFBSIB IB F13:MRM of 2 channels,ES-
299.0 > 79.7
1.851e+001**4:2 FTS**IB IB F18:MRM of 2 channels,ES-
327.0 > 306.9
1.138e+002**PFHxA**IB IB F15:MRM of 2 channels,ES-
313.0 > 269.0
5.196e+002**PFEESA**IB IB F16:MRM of 2 channels,ES-
315 > 135
1.000e-003**PFPeS**IB IB F21:MRM of 2 channels,ES-
349.0 > 80.0
4.880e+001**HFPO-DA**IB IB F11:MRM of 2 channels,ES-
285 > 169
1.000e-003IB IB F13:MRM of 2 channels,ES-
299.0 > 99.0
5.778e+001IB IB F18:MRM of 2 channels,ES-
327.0 > 80.9
1.201e+002IB IB F15:MRM of 2 channels,ES-
313 > 118.9
1.499e+001IB IB F16:MRM of 2 channels,ES-
315 > 83
9.324e+001IB IB F21:MRM of 2 channels,ES-
349.0 > 99.0
1.000e-003IB IB F11:MRM of 2 channels,ES-
285 > 185.0
5.763e+000**13C3-PFBS-EIS**IB IB F14:MRM of 1 channel,ES-
302.0 > 98.9
2.863e+004**13C2-4:2 FTS-EIS**IB IB F19:MRM of 1 channel,ES-
329 > 79.9
3.128e+004**13C2-PFHxA-EIS**IB IB F17:MRM of 1 channel,ES-
315.0 > 270.0
2.056e+005**13C3-PFBS-EIS**IB IB F14:MRM of 1 channel,ES-
302.0 > 98.9
2.863e+004**13C3-PFBS-EIS**IB IB F14:MRM of 1 channel,ES-
302.0 > 98.9
2.863e+004**13C3-HFPO-DA-EIS**IB IB F12:MRM of 1 channel,ES-
287.0 > 169
9.107e+003

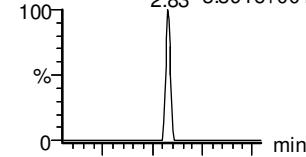
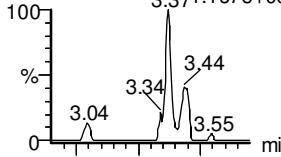
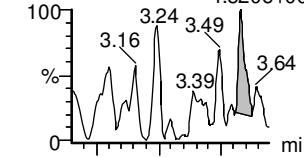
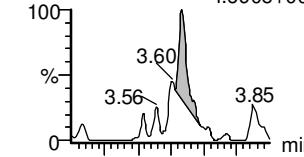
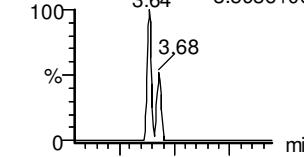
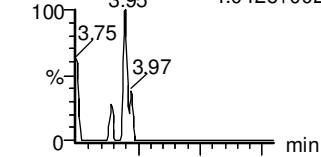
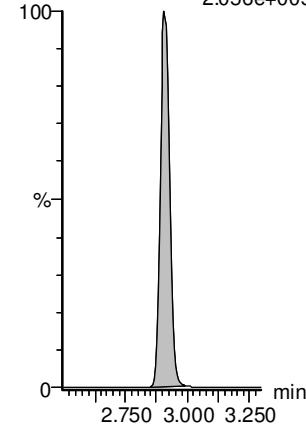
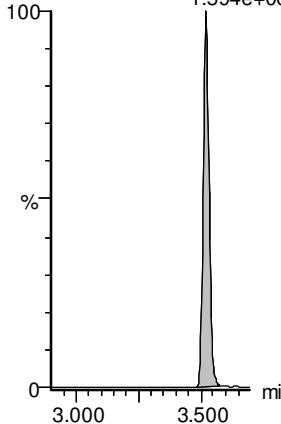
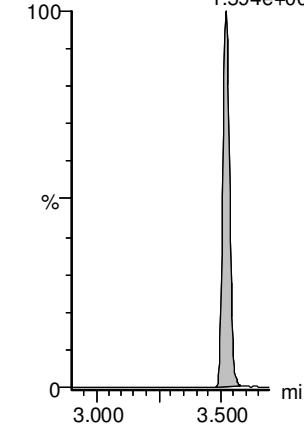
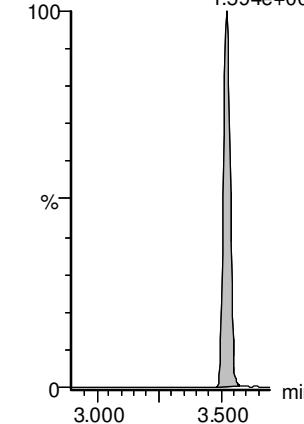
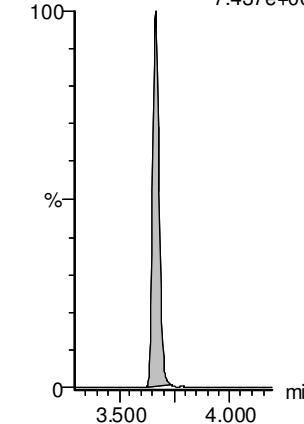
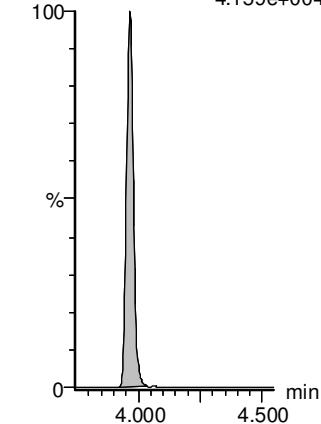
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Last Altered: Friday, March 26, 2021 08:49:16 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:49:19 Pacific Daylight Time

Name: 210325M1_14, Date: 25-Mar-2021, Time: 15:00:58, ID: IB, Description: IB

NFDHAIB IB F2:MRM of 2 channels,ES-
201 > 85
3.391e+001**5:3 FTCA**IB IB F20:MRM of 2 channels,ES-
340.9 > 236.9
3.371.167e+002**PFHpA**IB IB F22:MRM of 2 channels,ES-
363.0 > 318.9
4.520e+002**ADONA**IB IB F24:MRM of 2 channels,ES-
376.8 > 250.9
4.690e+002**L-PFHxS**IB IB F25:MRM of 2 channels,ES-
399 > 80.0
3.593e+001**6:2 FTS**IB IB F29:MRM of 2 channels,ES-
427 > 407.0
1.042e+002**13C2-PFHxA-EIS**IB IB F17:MRM of 1 channel,ES-
315.0 > 270.0
2.056e+005**13C4-PFHxA-EIS**IB IB F23:MRM of 1 channel,ES-
367.2 > 321.8
1.594e+005**13C4-PFHpA-EIS**IB IB F23:MRM of 1 channel,ES-
367.2 > 321.8
1.594e+005**13C4-PFHpA-EIS**IB IB F23:MRM of 1 channel,ES-
367.2 > 321.8
1.594e+005**13C3-PFHxS-EIS**IB IB F26:MRM of 1 channel,ES-
401.8 > 79.9
7.437e+004**13C2-6:2 FTS-EIS**IB IB F30:MRM of 1 channel,ES-
429.0 > 80.9
4.159e+004

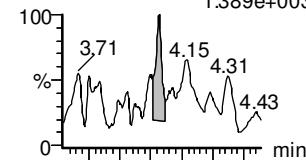
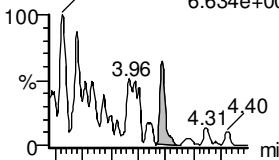
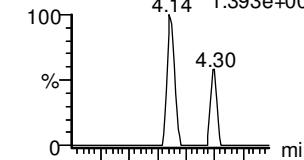
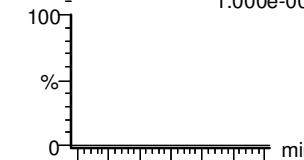
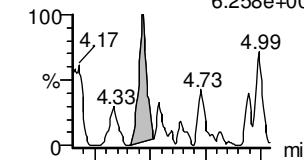
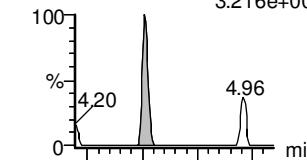
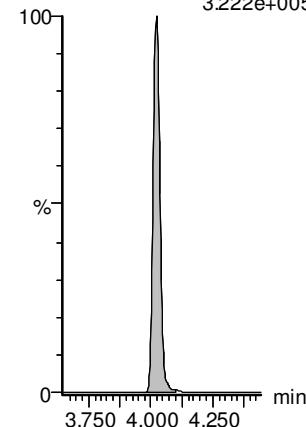
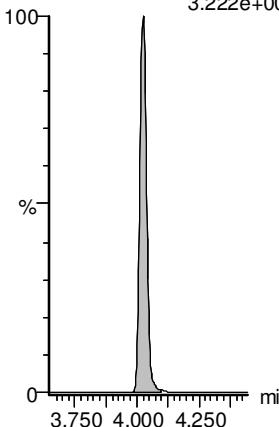
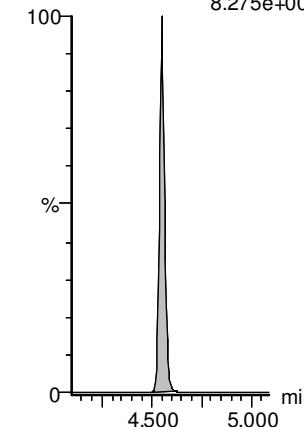
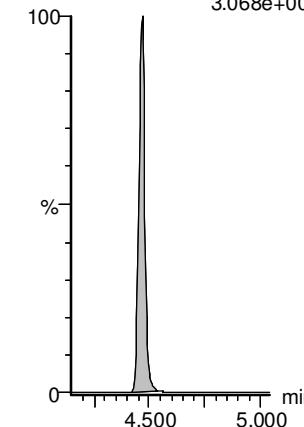
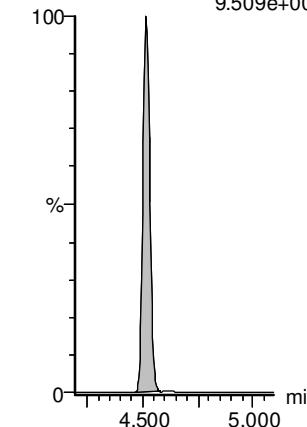
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Dataset: Untitled

Last Altered: Friday, March 26, 2021 08:49:16 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:49:19 Pacific Daylight Time

Name: 210325M1_14, Date: 25-Mar-2021, Time: 15:00:58, ID: IB, Description: IB

L-PFOAIB IB F27:MRM of 2 channels,ES-
412.8 > 368.9
1.389e+003**PFEChS**IB IB F33:MRM of 2 channels,ES-
460.8 > 381.0
6.634e+002**PFHpS**IB IB F32:MRM of 2 channels,ES-
448.9 > 80.0
1.393e+002**7:3 FTCA**IB IB F31:MRM of 2 channels,ES-
441.0 > 337.0
1.000e-003**PFNA**IB IB F34:MRM of 2 channels,ES-
463.0 > 418.8
6.258e+002**PFOSA**IB IB F36:MRM of 2 channels,ES-
498.0 > 78.0
3.216e+002**13C2-PFOA-EIS**IB IB F28:MRM of 1 channel,ES-
414.9 > 369.7
3.222e+005**13C2-PFOA-EIS**IB IB F28:MRM of 1 channel,ES-
414.9 > 369.7
3.222e+005**13C8-PFOS-EIS**IB IB F40:MRM of 1 channel,ES-
507.0 > 80
8.275e+004**13C5-PFNA-EIS**IB IB F35:MRM of 1 channel,ES-
468.2 > 422.9
3.068e+005**13C8-PFOSA-EIS**IB IB F39:MRM of 1 channel,ES-
506. > 78
9.509e+004

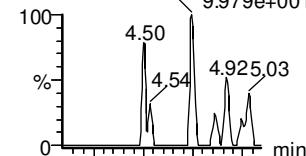
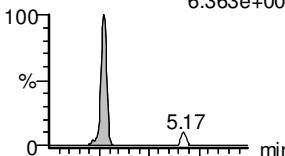
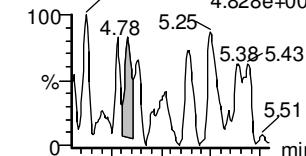
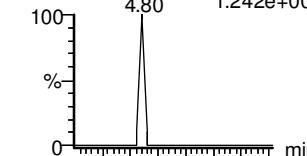
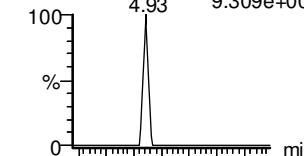
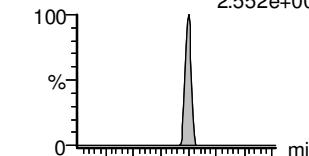
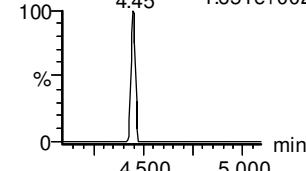
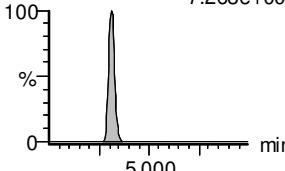
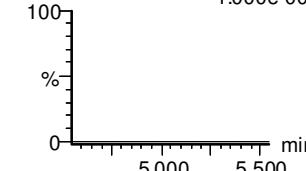
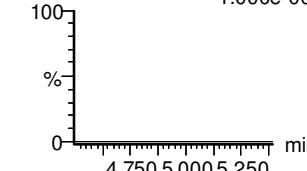
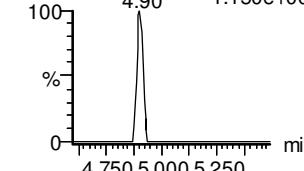
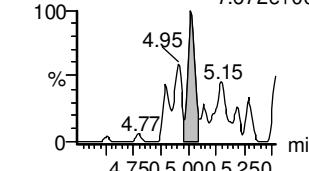
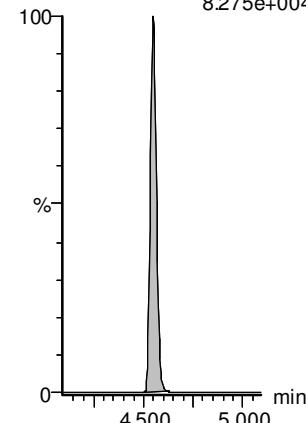
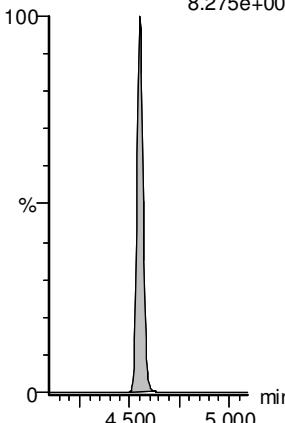
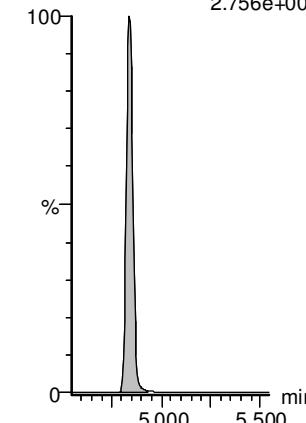
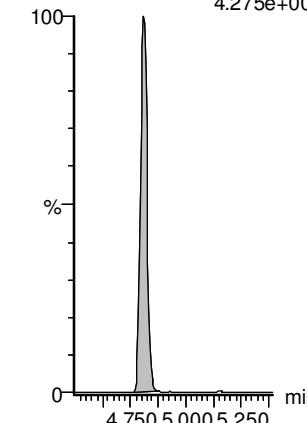
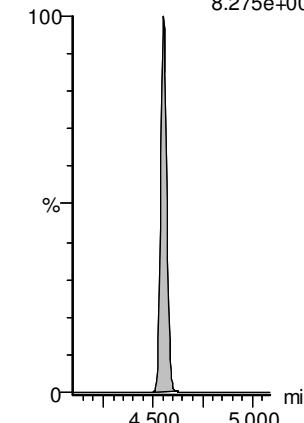
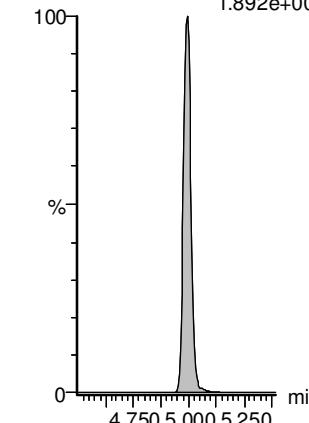
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Dataset: Untitled

Last Altered: Friday, March 26, 2021 08:49:16 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:49:19 Pacific Daylight Time

Name: 210325M1_14, Date: 25-Mar-2021, Time: 15:00:58, ID: IB, Description: IB

L-PFOSIB IB F38:MRM of 2 channels,ES-
499 > 79.9
9.979e+001**9CI-PF30NS**IB IB F48:MRM of 2 channels,ES-
530.9 > 351
6.363e+002**PFDA**IB IB F42:MRM of 2 channels,ES-
513 > 468.8
4.828e+002**8:2 FTS**IB IB F46:MRM of 2 channels,ES-
527 > 507.0
1.242e+002**PFNS**IB IB F50:MRM of 2 channels,ES-
548.9 > 79.9
9.309e+001**L-MeFOSAA**IB IB F53:MRM of 2 channels,ES-
570 > 419
2.552e+002IB IB F38:MRM of 2 channels,ES-
499 > 99
1.651e+002IB IB F48:MRM of 2 channels,ES-
530.9 > 82.9
7.263e+002IB IB F42:MRM of 2 channels,ES-
513 > 219
1.000e-003IB IB F46:MRM of 2 channels,ES-
527 > 80.9
1.000e-003IB IB F50:MRM of 2 channels,ES-
548.9 > 99
1.150e+002IB IB F53:MRM of 2 channels,ES-
570 > 512
7.672e+002**13C8-PFOS-EIS**IB IB F40:MRM of 1 channel,ES-
507.0 > 80
8.275e+004**13C8-PFOS-EIS**IB IB F40:MRM of 1 channel,ES-
507.0 > 80
8.275e+004**13C2-PFDA-EIS**IB IB F43:MRM of 1 channel,ES-
515.1 > 469.9
2.756e+005**13C2-8:2 FTS-EIS**IB IB F47:MRM of 1 channel,ES-
529 > 79.9
4.275e+004**13C8-PFOS-EIS**IB IB F40:MRM of 1 channel,ES-
507.0 > 80
8.275e+004**d3-N-MeFOSAA-EIS**IB IB F54:MRM of 1 channel,ES-
573 > 419
1.892e+005

Vista Analytical Laboratory

Dataset: Untitled

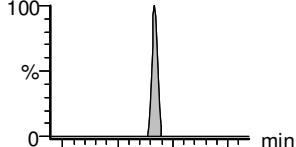
Last Altered: Friday, March 26, 2021 08:49:16 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:49:19 Pacific Daylight Time

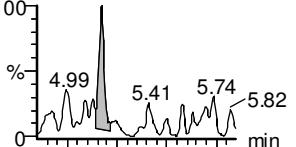
Name: 210325M1_14, Date: 25-Mar-2021, Time: 15:00:58, ID: IB, Description: IB

L-EtFOSAA

IB IB F55:MRM of 2 channels,ES-
584 > 419
2.170e+002


PFUdA

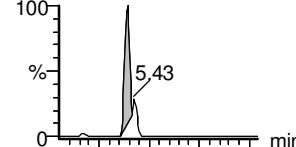
IB IB F51:MRM of 2 channels,ES-
563.0 > 518.9
1.341e+003


PFDS

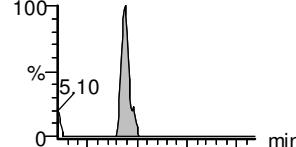
IB IB F57:MRM of 2 channels,ES-
599.0 > 80.0
1.000e-003


11CI-PF30UdS

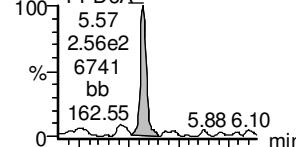
IB IB F64:MRM of 2 channels,ES-
630.9 > 450.9
3.404e+002


10:2 FTS

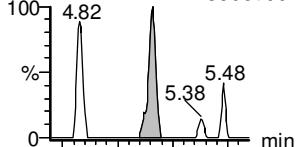
IB IB F62:MRM of 2 channels,ES-
626.9 > 607
3.246e+002


PFDoA

IB IB F58:MRM of 2 channels,ES-
612.9 > 569.0
6.795e+003



IB IB F55:MRM of 2 channels,ES-
584 > 526
1.850e+002



IB IB F51:MRM of 2 channels,ES-
563.0 > 269
1.000e-003



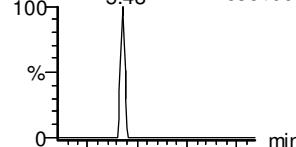
IB IB F57:MRM of 2 channels,ES-
599.0 > 99.0
1.000e-003



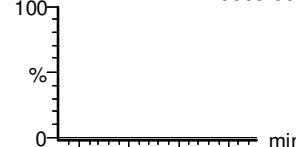
IB IB F64:MRM of 2 channels,ES-
630.9 > 83.
1.000e-003



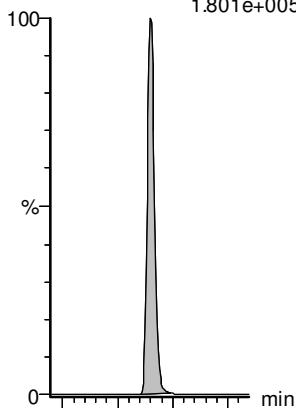
IB IB F62:MRM of 2 channels,ES-
626.9 > 81
4.263e+001



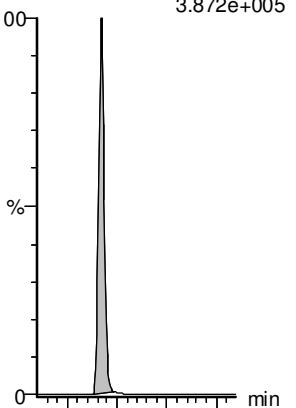
IB IB F58:MRM of 2 channels,ES-
612.9 > 318.8
1.000e-003


d5-N-EtFOSAA-EIS

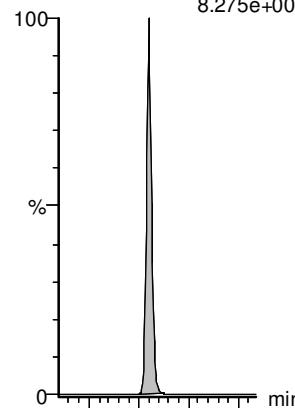
IB IB F56:MRM of 1 channel,ES-
589 > 419
1.801e+005


13C2-PFUdA-EIS

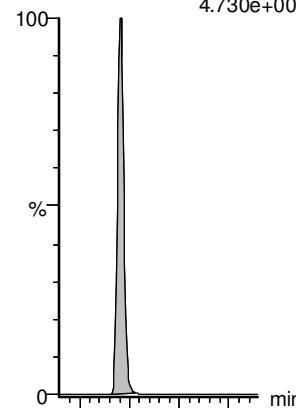
IB IB F52:MRM of 1 channel,ES-
565 > 519.8
3.872e+005


13C8-PFOS-EIS

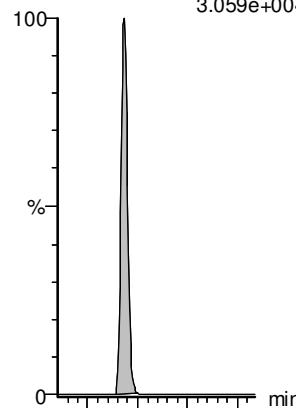
IB IB F40:MRM of 1 channel,ES-
507.0 > 80
8.275e+004


13C2-PFDoA-EIS

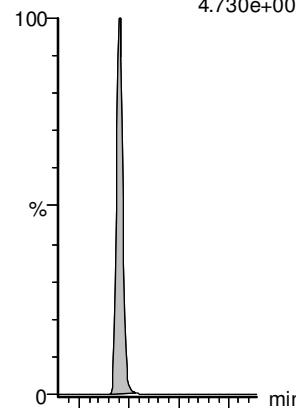
IB IB F59:MRM of 1 channel,ES-
615 > 570
4.730e+005


13C2-10:2 FTS-EIS

IB IB F65:MRM of 1 channel,ES-
633 > 79.9
3.059e+004


13C2-PFDoA-EIS

IB IB F59:MRM of 1 channel,ES-
615 > 570
4.730e+005



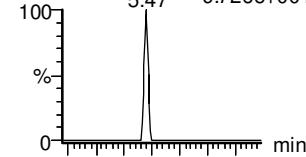
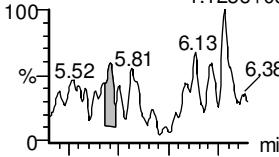
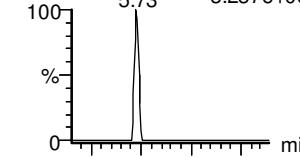
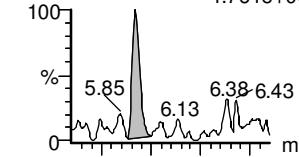
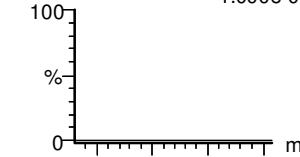
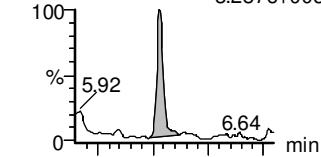
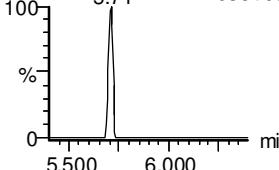
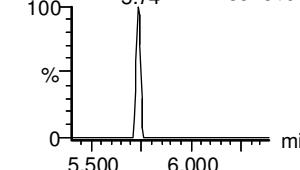
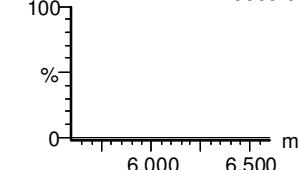
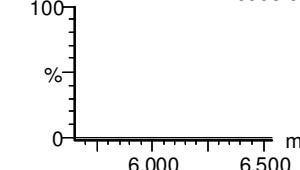
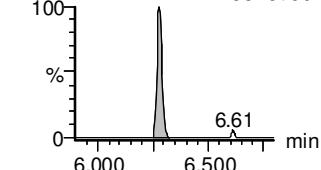
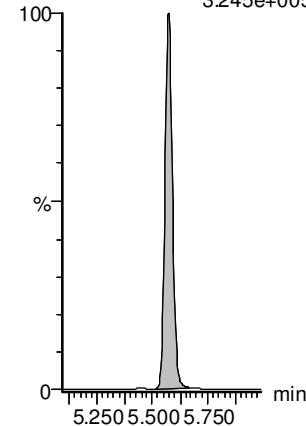
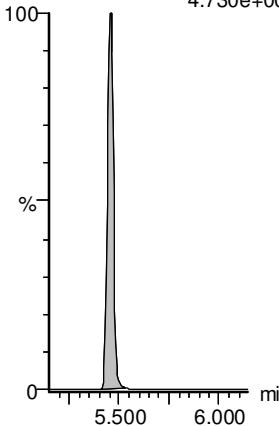
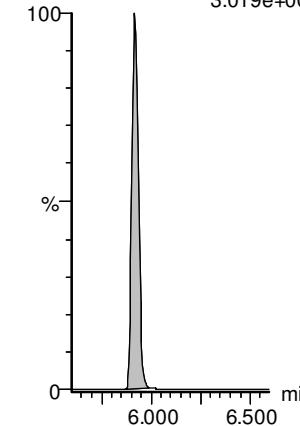
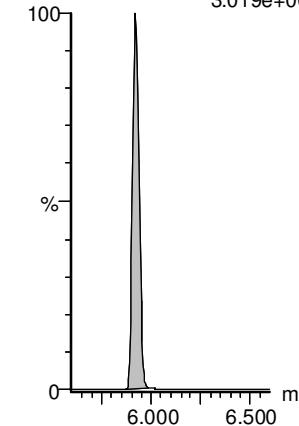
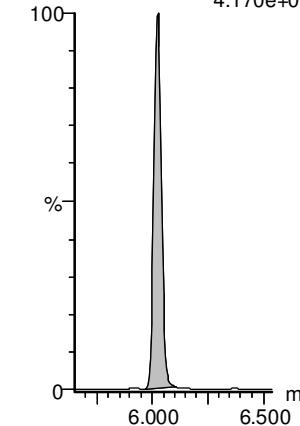
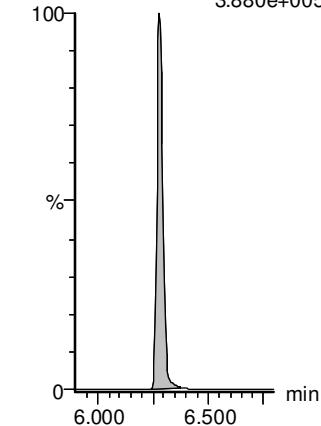
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Dataset: Untitled

Last Altered: Friday, March 26, 2021 08:49:16 Pacific Daylight Time

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Name: 210325M1_14, Date: 25-Mar-2021, Time: 15:00:58, ID: IB, Description: IB

N-MeFOSAIB IB F41:MRM of 2 channels,ES-
511.9 > 169
9.726e+001**PFTrDA**IB IB F67:MRM of 2 channels,ES-
662.9 > 618.9
1.125e+003**PFDoS**IB IB F68:MRM of 2 channels,ES-
698.9 > 80
3.237e+001**PFTeDA**IB IB F69:MRM of 2 channels,ES-
713.0 > 669.0
1.761e+003**N-EtFOSA**IB IB F45:MRM of 2 channels,ES-
526 > 169
1.000e-003**PFHxDA**IB IB F71:MRM of 2 channels,ES-
813.1 > 768.6
3.287e+003IB IB F41:MRM of 2 channels,ES-
511.9 > 219
1.000e-003IB IB F67:MRM of 2 channels,ES-
662.9 > 319
7.293e+001IB IB F68:MRM of 2 channels,ES-
698.9 > 99
1.567e+001IB IB F69:MRM of 2 channels,ES-
713. > 369.0
1.000e-003IB IB F45:MRM of 2 channels,ES-
526 > 219
1.000e-003IB IB F71:MRM of 2 channels,ES-
813.1 > 219
2.581e+002**d3-N-MeFOSA-EIS**IB IB F44:MRM of 1 channel,ES-
515.2 > 168.9
3.245e+005**13C2-PFDoA-EIS**IB IB F59:MRM of 1 channel,ES-
615 > 570
4.730e+005**13C2-PFTeDA-EIS**IB IB F70:MRM of 2 channels,ES-
715.1 > 669.7
3.019e+005**13C2-PFTeDA-EIS**IB IB F70:MRM of 2 channels,ES-
715.1 > 669.7
3.019e+005**d5-N-ETFOSA-EIS**IB IB F49:MRM of 1 channel,ES-
531.1 > 168.9
4.170e+005**13C2-PFHxDA-EIS**IB IB F72:MRM of 1 channel,ES-
815 > 768.6
3.880e+005

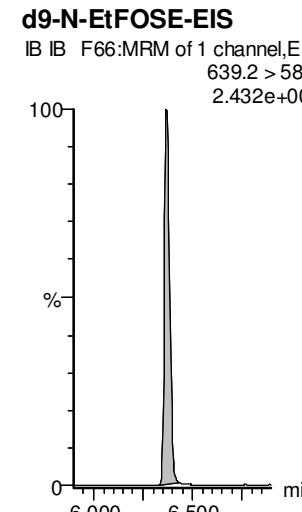
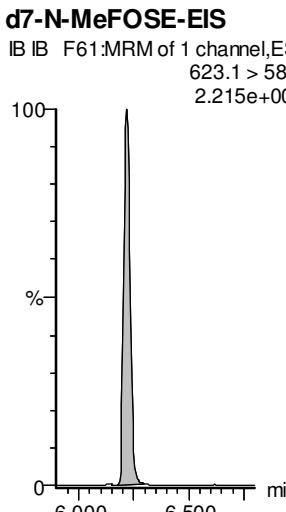
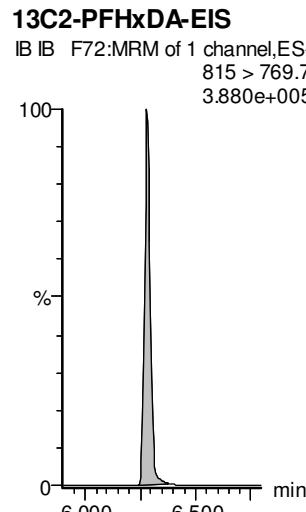
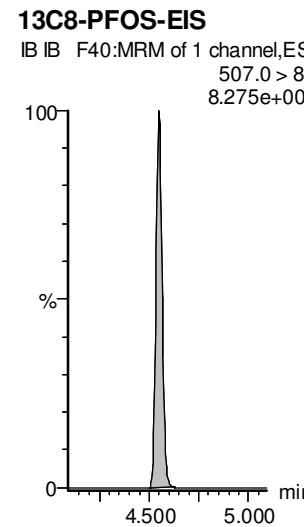
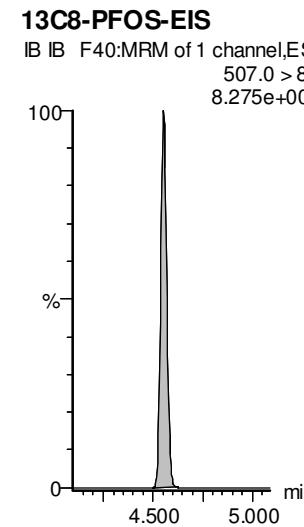
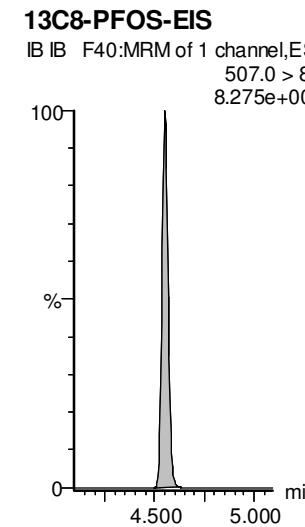
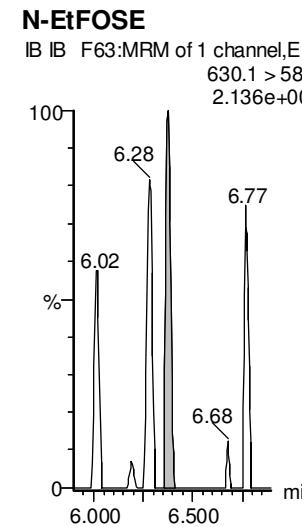
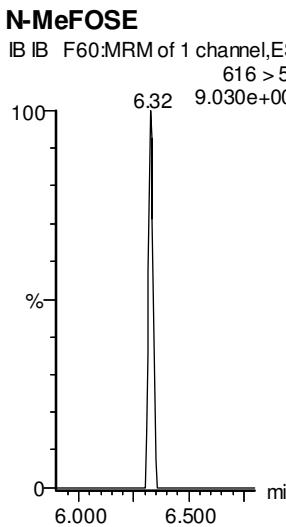
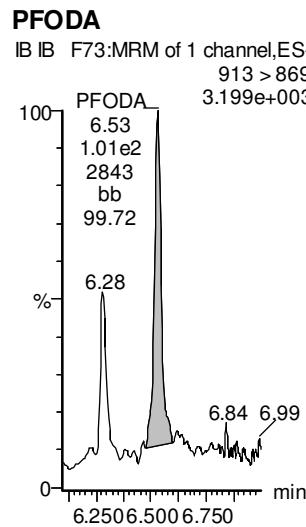
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Dataset: Untitled

Last Altered: Friday, March 26, 2021 08:49:16 Pacific Daylight Time

Printed: Friday, March 26, 2021 08:49:19 Pacific Daylight Time

Name: 210325M1_14, Date: 25-Mar-2021, Time: 15:00:58, ID: IB, Description: IB



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#	Name	Trace	Area	IS Area	wt/vol	RT	RRF Mean	Response	Std. Conc	Conc.	%Rec	Recovery	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 169.0	6.567e0	3.412e3	1.00	1.24		0.024					NO	
2	3 PFMPA	229 > 85		8.215e3	1.00								NO	
3	2 PFPrS	248.9 > 79.9		1.290e3	1.00								NO	
4	4 3:3 FTCA	241 > 177		4.874e3	1.00								NO	
5	5 PFPeA	263.1 > 218.9		4.874e3	1.00								NO	
6	6 PFMBA	279 > 85		4.874e3	1.00								NO	
7	51 13C3-PFBA-EIS	216.1 > 171.8	3.412e3		1.00	1.17	265.512	3412.328	12.500	12.9	102.8		NO	
8	56 13C2-PFHxA-EIS	315.0 > 270.0	8.215e3		1.00	2.91	622.011	8215.063	12.500	13.2	105.7		NO	
9	53 13C3-PFBS-EIS	302.0 > 98.9	1.290e3		1.00	2.39	100.808	1290.374	12.500	12.8	102.4		NO	
10	52 13C3-PFPeA-EIS	266.0 > 221.8	4.874e3		1.00	2.11	388.348	4873.581	12.500	12.5	100.4		NO	
11	52 13C3-PFPeA-EIS	266.0 > 221.8	4.874e3		1.00	2.11	388.348	4873.581	12.500	12.5	100.4		NO	
12	52 13C3-PFPeA-EIS	266.0 > 221.8	4.874e3		1.00	2.11	388.348	4873.581	12.500	12.5	100.4		NO	
13	-1													
14	7 PFBS	299.0 > 79.7		1.290e3	1.00								NO	
15	10 4:2 FTS	327.0 > 306.9		1.229e3	1.00								NO	
16	11 PFHxA	313.0 > 269.0	8.023e0	8.215e3	1.00	2.73		0.012					NO	
17	8 PFEESA	315 > 135		1.290e3	1.00								NO	
18	12 PFPeS	349.0 > 80.0		1.290e3	1.00								NO	
19	13 HFPO-DA	285 > 169		3.687e2	1.00								NO	
20	53 13C3-PFBS-EIS	302.0 > 98.9	1.290e3		1.00	2.39	100.808	1290.374	12.500	12.8	102.4		NO	
21	55 13C2-4:2 FTS-EIS	329 > 79.9	1.229e3		1.00	2.82	96.532	1229.239	12.500	12.7	101.9		NO	
22	56 13C2-PFHxA-EIS	315.0 > 270.0	8.215e3		1.00	2.91	622.011	8215.063	12.500	13.2	105.7		NO	
23	53 13C3-PFBS-EIS	302.0 > 98.9	1.290e3		1.00	2.39	100.808	1290.374	12.500	12.8	102.4		NO	
24	53 13C3-PFBS-EIS	302.0 > 98.9	1.290e3		1.00	2.39	100.808	1290.374	12.500	12.8	102.4		NO	
25	54 13C3-HFPO-DA-EIS	287.0 > 169	3.687e2		1.00	3.13	24.857	368.741	12.500	14.8	118.7		NO	
26	-1													
27	9 NFDHA	201 > 85		8.215e3	1.00								NO	
28	14 5:3 FTCA	340.9 > 236.9		4.794e3	1.00								NO	
29	15 PFHpA	363.0 > 318.9	1.060e1	4.794e3	1.00	3.58		0.028					NO	
30	16 ADONA	376.8 > 250.9	8.393e0	4.794e3	1.00	3.63		0.022					NO	
31	17 L-PFHxS	399 > 80.0		2.401e3	1.00								NO	
32	19 6:2 FTS	427 > 407.0		1.285e3	1.00								NO	
33	56 13C2-PFHxA-EIS	315.0 > 270.0	8.215e3		1.00	2.91	622.011	8215.063	12.500	13.2	105.7		NO	
34	57 13C4-PFHxA-EIS	367.2 > 321.8	4.794e3		1.00	3.52	380.184	4793.511	12.500	12.6	100.9		NO	
35	57 13C4-PFHxA-EIS	367.2 > 321.8	4.794e3		1.00	3.52	380.184	4793.511	12.500	12.6	100.9		NO	
36	57 13C4-PFHxA-EIS	367.2 > 321.8	4.794e3		1.00	3.52	380.184	4793.511	12.500	12.6	100.9		NO	

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37	58 13C3-PFHxS-EIS	401.8 > 79.9	2.401e3		1.00	3.67	187.592	2401.317	12.500	12.8	102.4	NO		
38	59 13C2-6:2 FTS-EIS	429.0 > 79.9	1.285e3		1.00	3.97	95.748	1284.956	12.500	13.4	107.4	NO		
39	-1													
40	20 L-PFOA	412.8 > 368.9	3.188e1	9.712e3	1.00	4.03		0.041				NO		
41	22 PFecHS	460.8 > 381.0	1.223e1	9.712e3	1.00	4.11		0.016				NO		
42	23 PFHpS	448.9 > 80.0		2.796e3	1.00							NO		
43	24 7:3 FTCA	441.0 > 337.0		1.027e4	1.00							NO		
44	25 PFNA	463.0 > 418.8	2.414e1	1.027e4	1.00	4.47		0.029				NO		
45	26 PFOSA	498.0 > 78.0	9.391e0	3.290e3	1.00	4.51		0.036				NO		
46	62 13C2-PFOA-EIS	414.9 > 369.7	9.712e3		1.00	4.02	775.038	9712.032	12.500	12.5	100.2	NO		
47	62 13C2-PFOA-EIS	414.9 > 369.7	9.712e3		1.00	4.02	775.038	9712.032	12.500	12.5	100.2	NO		
48	63 13C8-PFOS-EIS	507.0 > 80	2.796e3		1.00	4.55	214.550	2796.191	12.500	13.0	104.3	NO		
49	60 13C5-PFNA-EIS	468.2 > 422.9	1.027e4		1.00	4.47	788.455	10266.302	12.500	13.0	104.2	NO		
50	60 13C5-PFNA-EIS	468.2 > 422.9	1.027e4		1.00	4.47	788.455	10266.302	12.500	13.0	104.2	NO		
51	61 13C8-PFOSA-EIS	506. > 78	3.290e3		1.00	4.51	263.334	3289.610	12.500	12.5	99.9	NO		
52	-1													
53	27 L-PFOS	499 > 79.9		2.796e3	1.00							NO		
54	29 9CI-PF30NS	530.9>351	2.118e1	2.796e3	1.00	4.77		0.095				NO	0.786	YES
55	30 PFDA	513 > 468.8	1.403e1	1.025e4	1.00	4.83		0.017				NO		
56	31 8:2 FTS	527 > 507.0		1.550e3	1.00							NO		
57	32 PFNS	548.9 > 79.9		2.796e3	1.00							NO		
58	33 L-MeFOSAA	570 > 419	7.876e0	7.214e3	1.00	5.00		0.014				NO	0.286	YES
59	63 13C8-PFOS-EIS	507.0 > 80	2.796e3		1.00	4.55	214.550	2796.191	12.500	13.0	104.3	NO		
60	63 13C8-PFOS-EIS	507.0 > 80	2.796e3		1.00	4.55	214.550	2796.191	12.500	13.0	104.3	NO		
61	64 13C2-PFDA-EIS	515.1 > 469.9	1.025e4		1.00	4.84	768.980	10247.655	12.500	13.3	106.6	NO		
62	65 13C2-8:2 FTS-EIS	529 > 79.9	1.550e3		1.00	4.81	117.592	1549.613	12.500	13.2	105.4	NO		
63	63 13C8-PFOS-EIS	507.0 > 80	2.796e3		1.00	4.55	214.550	2796.191	12.500	13.0	104.3	NO		
64	66 d3-N-MeFOSAA-EIS	573 > 419	7.214e3		1.00	4.99	556.607	7213.591	12.500	13.0	103.7	NO		
65	-1													
66	35 L-EtFOSAA	584 > 419	6.199e0	6.491e3	1.00	5.17		0.012		0.0251		NO	0.903	NO
67	37 PFUdA	563.0 > 518.9	4.624e1	1.436e4	1.00	5.17		0.040				NO		
68	38 PFDS	599.0 > 80.0		2.796e3	1.00							NO		
69	39 11CI-PF30UdS	630.9 > 450.9	8.416e0	1.719e4	1.00	5.39		0.006				NO		
70	40 10:2 FTS	626.9 > 607	1.483e1	1.122e3	1.00	5.44		0.165		0.00486		NO		
71	41 PFDoA	612.9 > 569.0	2.564e2	1.719e4	1.00	5.57		0.186		0.121		NO		
72	68 d5-N-EtFOSAA-EIS	589 > 419	6.491e3		1.00	5.15	519.234	6491.235	12.500	12.5	100.0	NO		

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73	67 13C2-PFUdA-EIS	565 > 519.8	1.436e4		1.00	5.17	1124.914	14363.730	12.500	12.8	102.1	NO		
74	63 13C8-PFOS-EIS	507.0 > 80	2.796e3		1.00	4.55	214.550	2796.191	12.500	13.0	104.3	NO		
75	69 13C2-PFDaO-EIS	615 > 570	1.719e4		1.00	5.45	1278.054	17192.213	12.500	13.5	107.6	NO		
76	70 13C2-10:2 FTS-EIS	633 > 79.9	1.122e3		1.00	5.44	92.290	1122.328	12.500	12.2	97.3	NO		
77	69 13C2-PFDaO-EIS	615 > 570	1.719e4		1.00	5.45	1278.054	17192.213	12.500	13.5	107.6	NO		
78	-1													
79	42 N-MeFOSA	511.9 > 169		1.186e4	1.00							NO		
80	43 PFTrDA	662.9 > 618.9	2.395e1	1.719e4	1.00	5.70		0.017				NO		
81	44 PFDoS	698.9 > 80		1.121e4	1.00							NO		
82	45 PFTeDA	713.0 > 669.0	7.443e1	1.121e4	1.00	5.92		0.083				NO		
83	46 N-EtFOSA	526 > 169		1.597e4	1.00							NO		
84	47 PFHxDA	813.1 > 768.6	1.175e2	1.310e4	1.00	6.28		0.112		0.0339	NO	15.528	YES	
85	71 d3-N-MeFOSA-EIS	515.2 > 168.9	1.186e4		1.00	5.58	88.087	11861.282	149.200	135	90.3	NO		
86	69 13C2-PFDaO-EIS	615 > 570	1.719e4		1.00	5.45	1278.054	17192.213	12.500	13.5	107.6	NO		
87	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.121e4		1.00	5.92	860.517	11210.544	12.500	13.0	104.2	NO		
88	72 13C2-PFTeDA-EIS	715.1 > 669.7	1.121e4		1.00	5.92	860.517	11210.544	12.500	13.0	104.2	NO		
89	73 d5-N-ETFOSA-EIS	531.1 > 168.9	1.597e4		1.00	6.03	116.314	15972.845	149.200	137	92.0	NO		
90	74 13C2-PFHxDA-EIS	815 > 769.7	1.310e4		1.00	6.28	1042.649	13100.735	12.500	12.6	100.5	NO		
91	-1													
92	48 PFODA	913 > 869	1.006e2	1.310e4	1.00	6.53		0.096		0.0147	NO			
93	49 N-MeFOSE	616 > 59		7.561e3	1.00							NO		
94	50 N-EtFOSE	630.1 > 58.9	6.079e0	8.220e3	1.00	6.38		0.110		0.390	NO			
95	63 13C8-PFOS-EIS	507.0 > 80	2.796e3		1.00	4.55	214.550	2796.191	12.500	13.0	104.3	NO		
96	63 13C8-PFOS-EIS	507.0 > 80	2.796e3		1.00	4.55	214.550	2796.191	12.500	13.0	104.3	NO		
97	63 13C8-PFOS-EIS	507.0 > 80	2.796e3		1.00	4.55	214.550	2796.191	12.500	13.0	104.3	NO		
98	74 13C2-PFHxDA-EIS	815 > 769.7	1.310e4		1.00	6.28	1042.649	13100.735	12.500	12.6	100.5	NO		
99	75 d7-N-MeFOSE-EIS	623.1 > 58.9	7.561e3		1.00	6.22	53.555	7560.682	149.200	141	94.6	NO		
100	76 d9-N-EtFOSE-EIS	639.2 > 58.8	8.220e3		1.00	6.37	59.717	8220.131	149.200	138	92.3	NO		