



**Off-Base Drinking Water Sample Results,
Level 2 Laboratory Report, Level 4 Laboratory Report,
Electronic Data Deliverable, Data Validation Report,
and the Sample Location Figure, SDG 1803286**

*Naval Air Station Oceana
Virginia Beach, Virginia*

July 2019

October 30, 2018

Vista Work Order No. 1803286

Mr. Andrew Lairson
CH2M Hill
5701 Cleveland St, Suite 200
Virginia Beach, VA 23462

Dear Mr. Lairson,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on October 09, 2018 under your Project Name '678440.SI.SI.01'.

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. 1803286

Case Narrative

Sample Condition on Receipt:

Seven drinking water samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution Method

The samples were extracted and analyzed for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537). The results for PFHxS, PFOA and PFOS 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 method hold times.

Quality Control

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

A Method Blank and Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 of the LOQ concentrations. The LCS/LCSD recoveries were within the acceptance criteria.

The extracts of the following samples were re-injected because one or more Injection Internal Standard Analyte response areas were outside of criteria.

<u>Laboratory ID</u>	<u>Sample Name</u>
1803286-01	OC-RW03B-1018
1803286-02	OC-RW03BP-1018
1803286-03	OC-FB03B-1018
1803286-04	OC-RW03-1018

The area criteria passed for the second injection of "OC-RW03-1018" and the results from the re-injection have been reported. The results were similar in the second injection of all other extracts and the results from the original injections have been reported.

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

TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	15
Certifications.....	16
Sample Receipt.....	19

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1803286-01	OC-RW03B-1018	08-Oct-18 09:06	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-02	OC-RW03BP-1018	08-Oct-18 09:08	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-03	OC-FB03B-1018	08-Oct-18 09:10	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-04	OC-RW03-1018	08-Oct-18 09:21	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-05	OC-FB03-1018	08-Oct-18 09:23	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-06	OC-RW04-1018	08-Oct-18 09:43	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-07	OC-FB04-1018	08-Oct-18 09:45	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank **PFAS Isotope Dilution Method**

Client Data				Laboratory Data							
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B8J0115-BLK1	Column:	BEH C18				
Project:	678440.SI.SI.01										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFHpA	375-85-9	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFHxS	355-46-4	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFOA	335-67-1	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFOS	1763-23-1	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFNA	375-95-1	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	86.2	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
13C4-PFHpA	IS	89.8	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
18O2-PFHxS	IS	89.4	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
13C2-PFOA	IS	86.1	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
13C8-PFOS	IS	99.8	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
13C5-PFNA	IS	77.9	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	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: LCSD

PFAS Isotope Dilution Method

Name:	CH2M Hill	Lab Sample:	B8J0115-BS1/B8J0115-BSD1	Date Extracted:	17-Oct-18
Project:	678440.SI.SI.01	QC Batch:	B8J0115	Column:	BEH C18
Matrix:	Aqueous	Samp Size:	0.250/0.250 L		

Analyte	CAS Number	LCS (ng/L)	LCS Spike Amt	LCS % Rec	LCS Quals	LCSD (ng/L)	LCSD Spike Amt	LCSD % Rec	RPD	LCSD Quals	%Rec Limits	RPD Limits	LCS Analyzed	LCS Dil	LCSD Analyzed	LCSD Dil
PFBS	375-73-5	31.4	40.0	78.5		33.0	40.0	82.4	4.81		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFHpA	375-85-9	31.4	40.0	78.6		35.0	40.0	87.4	10.7		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFHxS	355-46-4	31.3	40.0	78.4		33.8	40.0	84.5	7.52		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFOA	335-67-1	31.2	40.0	77.9		34.4	40.0	86.1	9.96		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFOS	1763-23-1	34.2	40.0	85.4		34.9	40.0	87.3	2.15		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFNA	375-95-1	32.4	40.0	81.1		34.6	40.0	86.6	6.53		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1

Labeled Standards	Type	LCS % Rec	LCS Quals	LCSD % Rec	LCSD Quals	Limits	LCS Analyzed	LCS Dil	LCSD Analyzed	LCSD Dil
13C3-PFBS	IS	89.6		90.9		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
13C4-PFHpA	IS	95.9		92.1		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
18O2-PFHxS	IS	98.0		95.0		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
13C2-PFOA	IS	87.8		84.3		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
13C8-PFOS	IS	96.8		98.7		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
13C5-PFNA	IS	80.8		77.3		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1

Sample ID: OC-RW03B-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-01	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:06	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	8.00	2.85	4.17	8.32	J	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFHpA	375-85-9	11.0	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFHxS	355-46-4	24.6	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFOA	335-67-1	25.8	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFOS	1763-23-1	6.23	2.85	4.17	8.32	J, Q	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFNA	375-95-1	ND	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	86.4	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
13C4-PFHpA	IS	88.3	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
18O2-PFHxS	IS	90.6	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
13C2-PFOA	IS	82.8	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
13C8-PFOS	IS	96.3	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
13C5-PFNA	IS	81.5	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	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: OC-RW03BP-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-02	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:08	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	9.25	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFHpA	375-85-9	10.8	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFHxS	355-46-4	27.6	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFOA	335-67-1	27.6	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFOS	1763-23-1	9.40	2.87	4.20	8.39	Q	B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFNA	375-95-1	2.93	2.87	4.20	8.39	J, Q	B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	88.4	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
13C4-PFHpA	IS	97.5	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
18O2-PFHxS	IS	92.0	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
13C2-PFOA	IS	88.4	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
13C8-PFOS	IS	99.2	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
13C5-PFNA	IS	75.0	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	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: OC-FB03B-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-03	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:10	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFHpA	375-85-9	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFHxS	355-46-4	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFOA	335-67-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFOS	1763-23-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFNA	375-95-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	90.6	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
13C4-PFHpA	IS	87.9	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
18O2-PFHxS	IS	95.9	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
13C2-PFOA	IS	83.9	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
13C8-PFOS	IS	92.9	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
13C5-PFNA	IS	83.0	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	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: OC-RW03-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-04	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:21	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFHpA	375-85-9	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFHxS	355-46-4	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFOA	335-67-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFOS	1763-23-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFNA	375-95-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	81.9	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
13C4-PFHpA	IS	83.1	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
18O2-PFHxS	IS	86.0	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
13C2-PFOA	IS	88.9	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
13C8-PFOS	IS	91.5	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
13C5-PFNA	IS	80.4	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	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: OC-FB03-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-05	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:23	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFHpA	375-85-9	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFHxS	355-46-4	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFOA	335-67-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFOS	1763-23-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFNA	375-95-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	92.4	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
13C4-PFHpA	IS	83.4	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
18O2-PFHxS	IS	87.4	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
13C2-PFOA	IS	84.7	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
13C8-PFOS	IS	85.0	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
13C5-PFNA	IS	77.6	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	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: OC-RW04-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-06	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:43	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFHpA	375-85-9	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFHxS	355-46-4	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFOA	335-67-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFOS	1763-23-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFNA	375-95-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	95.3	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
13C4-PFHpA	IS	87.0	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
18O2-PFHxS	IS	91.6	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
13C2-PFOA	IS	88.9	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
13C8-PFOS	IS	101	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
13C5-PFNA	IS	80.4	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	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: OC-FB04-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-07	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:45	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFHpA	375-85-9	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFHxS	355-46-4	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFOA	335-67-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFOS	1763-23-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFNA	375-95-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	90.8	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
13C4-PFHpA	IS	90.0	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
18O2-PFHxS	IS	89.5	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
13C2-PFOA	IS	84.0	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
13C8-PFOS	IS	93.7	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
13C5-PFNA	IS	77.4	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	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
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
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limits of Detection
LOQ	Limits of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
Q	Ion ratio outside of 70-130% of Standard Ratio. (DOD PFAS projects only)
TEQ	Toxic Equivalency
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.

CERTIFICATIONS

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	18-008-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-18
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Minnesota Department of Health	1322288
New Hampshire Environmental Accreditation Program	207717
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-009
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-18-8
Virginia Department of General Services	9077
Washington Department of Ecology	C584
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

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
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

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
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



CHAIN OF CUSTODY

For Laboratory Use Only
 Work Order #: 1803286 Temp: 0.3 °C
 Storage ID: WR-2 Storage Secured: Yes No

Project ID: 678440.51.51.01 PO#: _____ Sampler: MWITMER, A LAIRSON
 (name)

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

Invoice to: Name JULIANA DEAN Company CHEM/JACOBS Address 5701 CLEVELAND ST SUITE 200 City VERGINIA BEACH State VA Ph# _____ Fax# _____

Relinquished by (printed name and signature) MIKE WITMER Date 10/8/18 Time 1700 Received by (printed name and signature) Marissa Sparks Date 10/9/18 Time 1033

Sample ID	Date	Time	Location/Sample Description	Add Analysis(es) Requested										Comments										
				Quantity	Type	Matrix	List of 21	List of 21 w/Isomers	List of 24	List of 24 w/Isomers	List of 28	Other: Release List Below	PFAS Isotope Dilution		USEPA Method 537									
OC-RW03B-1018	10/8/18	0908		2	P	DN																		
OC-RW03BP-1018		0908		2	P	DN																		
OC-FB03B-1018		0910		2	P	DN																		
OC-RW03-1018		0921		2	P	DN																		
OC-FB03-1018		0923		2	P	DN																		
OC-RW04-1018		0943		2	P	DN																		
OC-FB04-1018		0943		2	P	DN																		

SHIP TO: Vista Analytical Laboratory
 1104 Windfield Way
 El Dorado Hills, CA 95762
 Ph: (916) 673-1520; Fax: (916) 673-0106
 ATTN: MARTHA MAIER

Method of Shipment: _____
 Tracking No.: _____

Special Instructions/Comments:

SEND DOCUMENTATION AND RESULTS TO:
 Name: ANDREW LAIRSON
 Company: CHEM/JACOBS
 Address: 5701 CLEVELAND ST SUITE 200
 City: VA BEACH State: VA Zip: 23462
 Phone: 757-671-6297 Fax: _____
 Email: ANDREW.LAIRSON@JACOBS.COM

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 1

Vista Work Order #: 1803286 TAT std

Samples Arrival:	Date/Time 10/9/18 1025	Initials: WWS	Location: WR-2
Logged In:	Date/Time 10/9/18 1231	Initials: Kc	Location: WR-2
Delivered By:	<u>FedEx</u> UPS	On Trac	GSO
Preservation:	<u>Ice</u>	Blue Ice	Dry Ice
Temp °C:	0.4 (uncorrected)	Probe used: Y / <u>(N)</u>	Thermometer ID: <u>IR-4</u>
Temp °C:	0.3 (corrected)		

	YES	NO	NA
Adequate Sample Volume Received?	<u>Kc</u>		
Holding Time Acceptable?	<u>Kc</u>		
Shipping Container(s) Intact?	<u>WWS</u>		
Shipping Custody Seals Intact?	<u>WWS</u>		
Shipping Documentation Present?	<u>WWS</u>		
Airbill	Trk # <u>7734 1794 8560</u>		
Sample Container Intact?	<u>Kc</u>		
Sample Custody Seals Intact?			<u>Kc</u>
Chain of Custody / Sample Documentation Present?	<u>WWS</u>		
COC Anomaly/Sample Acceptance Form completed?			<u>Kc</u>
If Chlorinated or Drinking Water Samples, Acceptable Preservation?	<u>Kc</u>		<u>Kc</u>
Preservation Documented:	Na ₂ S ₂ O ₃	Trizma	<u>None</u>
Shipping Container	<u>Vista</u>	Client	<u>Retain</u>

Comments:

October 30, 2018

Vista Work Order No. 1803286

Mr. Andrew Lairson
CH2M Hill
5701 Cleveland St, Suite 200
Virginia Beach, VA 23462

Dear Mr. Lairson,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on October 09, 2018 under your Project Name '678440.SI.SI.01'.

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. 1803286

Case Narrative

Sample Condition on Receipt:

Seven drinking water samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution Method

The samples were extracted and analyzed for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537). The results for PFHxS, PFOA and PFOS 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 method hold times.

Quality Control

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

A Method Blank and Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 of the LOQ concentrations. The LCS/LCSD recoveries were within the acceptance criteria.

The extracts of the following samples were re-injected because one or more Injection Internal Standard Analyte response areas were outside of criteria.

<u>Laboratory ID</u>	<u>Sample Name</u>
1803286-01	OC-RW03B-1018
1803286-02	OC-RW03BP-1018
1803286-03	OC-FB03B-1018
1803286-04	OC-RW03-1018

The area criteria passed for the second injection of "OC-RW03-1018" and the results from the re-injection have been reported. The results were similar in the second injection of all other extracts and the results from the original injections have been reported.

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

TABLE OF CONTENTS

Case Narrative.....	1
Table of Contents.....	3
Sample Inventory.....	4
Analytical Results.....	5
Qualifiers.....	15
Certifications.....	16
Sample Receipt.....	19
Extraction Information.....	21
Sample Data - PFAS Isotope Dilution Method.....	25
IIS Areas, IBs and CCVs.....	89
ICAL with ICV and IB.....	239
Tune Checks.....	672

Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1803286-01	OC-RW03B-1018	08-Oct-18 09:06	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-02	OC-RW03BP-1018	08-Oct-18 09:08	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-03	OC-FB03B-1018	08-Oct-18 09:10	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-04	OC-RW03-1018	08-Oct-18 09:21	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-05	OC-FB03-1018	08-Oct-18 09:23	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-06	OC-RW04-1018	08-Oct-18 09:43	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL
1803286-07	OC-FB04-1018	08-Oct-18 09:45	09-Oct-18 10:25	HDPE Bottle, 125 mL HDPE Bottle, 125 mL

ANALYTICAL RESULTS

Sample ID: Method Blank **PFAS Isotope Dilution Method**

Client Data						Laboratory Data					
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B8J0115-BLK1	Column:	BEH C18				
Project:	678440.SI.SI.01										

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFHpA	375-85-9	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFHxS	355-46-4	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFOA	335-67-1	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFOS	1763-23-1	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
PFNA	375-95-1	ND	1.37	2.00	4.00		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	86.2	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
13C4-PFHpA	IS	89.8	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
18O2-PFHxS	IS	89.4	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
13C2-PFOA	IS	86.1	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
13C8-PFOS	IS	99.8	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	1
13C5-PFNA	IS	77.9	50 - 150		B8J0115	17-Oct-18	0.250 L	26-Oct-18 18:25	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: LCSD

PFAS Isotope Dilution Method

Name: CH2M Hill	Lab Sample: B8J0115-BS1/B8J0115-BSD1	Date Extracted: 17-Oct-18
Project: 678440.SI.SI.01	QC Batch: B8J0115	Column: BEH C18
Matrix: Aqueous	Samp Size: 0.250/0.250 L	

Analyte	CAS Number	LCS (ng/L)	LCS Spike Amt	LCS % Rec	LCS Quals	LCSD (ng/L)	LCSD Spike Amt	LCSD % Rec	RPD	LCSD Quals	%Rec Limits	RPD Limits	LCS Analyzed	LCS Dil	LCSD Analyzed	LCSD Dil
PFBS	375-73-5	31.4	40.0	78.5		33.0	40.0	82.4	4.81		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFHpA	375-85-9	31.4	40.0	78.6		35.0	40.0	87.4	10.7		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFHxS	355-46-4	31.3	40.0	78.4		33.8	40.0	84.5	7.52		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFOA	335-67-1	31.2	40.0	77.9		34.4	40.0	86.1	9.96		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFOS	1763-23-1	34.2	40.0	85.4		34.9	40.0	87.3	2.15		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1
PFNA	375-95-1	32.4	40.0	81.1		34.6	40.0	86.6	6.53		70-130	30	20-Oct-18 13:22	1	20-Oct-18 13:32	1

Labeled Standards	Type	LCS % Rec	LCS Quals	LCSD % Rec	LCSD Quals	Limits	LCS Analyzed	LCS Dil	LCSD Analyzed	LCSD Dil
13C3-PFBS	IS	89.6		90.9		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
13C4-PFHpA	IS	95.9		92.1		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
18O2-PFHxS	IS	98.0		95.0		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
13C2-PFOA	IS	87.8		84.3		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
13C8-PFOS	IS	96.8		98.7		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1
13C5-PFNA	IS	80.8		77.3		50-150	20-Oct-18 13:22	1	20-Oct-18 13:32	1

Sample ID: OC-RW03B-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-01	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:06	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	8.00	2.85	4.17	8.32	J	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFHpA	375-85-9	11.0	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFHxS	355-46-4	24.6	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFOA	335-67-1	25.8	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFOS	1763-23-1	6.23	2.85	4.17	8.32	J, Q	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFNA	375-95-1	ND	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	86.4	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
13C4-PFHpA	IS	88.3	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
18O2-PFHxS	IS	90.6	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
13C2-PFOA	IS	82.8	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
13C8-PFOS	IS	96.3	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
13C5-PFNA	IS	81.5	50 - 150		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	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: OC-RW03BP-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-02	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:08	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	9.25	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFHpA	375-85-9	10.8	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFHxS	355-46-4	27.6	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFOA	335-67-1	27.6	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFOS	1763-23-1	9.40	2.87	4.20	8.39	Q	B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
PFNA	375-95-1	2.93	2.87	4.20	8.39	J, Q	B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	88.4	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
13C4-PFHpA	IS	97.5	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
18O2-PFHxS	IS	92.0	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
13C2-PFOA	IS	88.4	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
13C8-PFOS	IS	99.2	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	1
13C5-PFNA	IS	75.0	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	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: OC-FB03B-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-03	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:10	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFHpA	375-85-9	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFHxS	355-46-4	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFOA	335-67-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFOS	1763-23-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
PFNA	375-95-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	90.6	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
13C4-PFHpA	IS	87.9	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
18O2-PFHxS	IS	95.9	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
13C2-PFOA	IS	83.9	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
13C8-PFOS	IS	92.9	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	1
13C5-PFNA	IS	83.0	50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	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: OC-RW03-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-04	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:21	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFHpA	375-85-9	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFHxS	355-46-4	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFOA	335-67-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFOS	1763-23-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFNA	375-95-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	81.9	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
13C4-PFHpA	IS	83.1	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
18O2-PFHxS	IS	86.0	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
13C2-PFOA	IS	88.9	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
13C8-PFOS	IS	91.5	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
13C5-PFNA	IS	80.4	50 - 150		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	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: OC-FB03-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-05	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:23	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFHpA	375-85-9	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFHxS	355-46-4	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFOA	335-67-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFOS	1763-23-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
PFNA	375-95-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	92.4	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
13C4-PFHpA	IS	83.4	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
18O2-PFHxS	IS	87.4	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
13C2-PFOA	IS	84.7	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
13C8-PFOS	IS	85.0	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	1
13C5-PFNA	IS	77.6	50 - 150		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	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: OC-RW04-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-06	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:43	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFHpA	375-85-9	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFHxS	355-46-4	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFOA	335-67-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFOS	1763-23-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
PFNA	375-95-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	95.3	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
13C4-PFHpA	IS	87.0	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
18O2-PFHxS	IS	91.6	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
13C2-PFOA	IS	88.9	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
13C8-PFOS	IS	101	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	1
13C5-PFNA	IS	80.4	50 - 150		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	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: OC-FB04-1018 **PFAS Isotope Dilution Method**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Drinking Water	Lab Sample:	1803286-07	Column:	BEH C18
Project:	678440.SI.SI.01	Date Collected:	08-Oct-18 09:45	Date Received:	09-Oct-18 10:25		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFHpA	375-85-9	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFHxS	355-46-4	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFOA	335-67-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFOS	1763-23-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
PFNA	375-95-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	90.8	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
13C4-PFHpA	IS	90.0	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
18O2-PFHxS	IS	89.5	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
13C2-PFOA	IS	84.0	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
13C8-PFOS	IS	93.7	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	1
13C5-PFNA	IS	77.4	50 - 150		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	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
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
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limits of Detection
LOQ	Limits of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
Q	Ion ratio outside of 70-130% of Standard Ratio. (DOD PFAS projects only)
TEQ	Toxic Equivalency
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.

CERTIFICATIONS

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	18-008-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-18
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2018017
Minnesota Department of Health	1322288
New Hampshire Environmental Accreditation Program	207717
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-009
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-18-8
Virginia Department of General Services	9077
Washington Department of Ecology	C584
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

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
Perfluorinated Alkyl Acids in Drinking Water by SPE and LC/MS/MS	EPA 537

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
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



CHAIN OF CUSTODY

For Laboratory Use Only
 Work Order #: 1803286 Temp: 0.3 °C
 Storage ID: WR-2 Storage Secured: Yes No

Project ID: 678440.51.51.01 PO#: _____ Sampler: MWITMER, A LAIRSON
 (name)

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

Invoice to: Name JULIANA DEAN Company CHEM/JACOBS Address 5701 CLEVELAND ST SUITE 200 City VERGINIA BEACH State VA Ph# _____ Fax# _____

Relinquished by (printed name and signature) MIKE WITMER Date 10/8/18 Time 1700 Received by (printed name and signature) Marissa Sparks Date 10/9/18 Time 1033

Sample ID	Date	Time	Location/Sample Description	Add Analysis(es) Requested							PFAS Isotope Dilution	USEPA Method 537	Comments	
				Quantity	Type	Matrix	List of 21	List of 21 w/Isomers	List of 24	List of 24 w/Isomers				List of 28
OC-RW03B-1018	10/8/18	0908		2	P	DN							X	
OC-RW03BP-1018		0908		2	P	DN							X	
OC-FB03B-1018		0910		2	P	DN							X	
OC-RW03-1018		0921		2	P	DN							X	
OC-FB03-1018		0923		2	P	DN							X	
OC-RW04-1018		0943		2	P	DN							X	
OC-FB04-1018		0943		2	P	DN							X	

SHIP TO: Vista Analytical Laboratory
 1104 Windfield Way
 El Dorado Hills, CA 95762
 Ph: (916) 673-1520; Fax: (916) 673-0106
 ATTN: MARTHA MAIER

Method of Shipment: _____
 Tracking No.: _____

Special Instructions/Comments: _____

SEND DOCUMENTATION AND RESULTS TO:
 Name: ANDREW LAIRSON
 Company: CHEM/JACOBS
 Address: 5701 CLEVELAND ST SUITE 200
 City: VA BEACH State: VA Zip: 23462
 Phone: 757-671-6297 Fax: _____
 Email: ANDREW.LAIRSON@JACOBS.COM

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 1

Vista Work Order #: 1803286 TAT std

Samples Arrival:	Date/Time 10/9/18 1025	Initials: WWS	Location: WR-2
Logged In:	Date/Time 10/9/18 1231	Initials: Kc	Location: WR-2
Delivered By:	<u>FedEx</u> UPS	On Trac	GSO
Preservation:	<u>Ice</u>	Blue Ice	Dry Ice
Temp °C:	0.4 (uncorrected)	Probe used: Y / <u>(N)</u>	Thermometer ID: <u>IR-4</u>
Temp °C:	0.3 (corrected)		

	YES	NO	NA
Adequate Sample Volume Received?	<u>Kc</u>		
Holding Time Acceptable?	<u>Kc</u>		
Shipping Container(s) Intact?	<u>WWS</u>		
Shipping Custody Seals Intact?	<u>WWS</u>		
Shipping Documentation Present?	<u>WWS</u>		
Airbill	Trk # <u>7734 1794 8560</u>		
Sample Container Intact?	<u>Kc</u>		
Sample Custody Seals Intact?			<u>Kc</u>
Chain of Custody / Sample Documentation Present?	<u>WWS</u>		
COC Anomaly/Sample Acceptance Form completed?			<u>Kc</u>
If Chlorinated or Drinking Water Samples, Acceptable Preservation?	<u>Kc</u>		<u>Kc</u>
Preservation Documented:	Na ₂ S ₂ O ₃	Trizma	<u>None</u>
Shipping Container	<u>Vista</u>	Client	<u>Retain</u>

Comments:

EXTRACTION INFORMATION

Prep Expiration: 2018-Oct-22
Client: CH2M Hill

Workorder Due: 23-Oct-18 00:00

TAT: 14

Method: 537M PFAS DOD (LOQ as mRL)
Matrix: Aqueous

Prep Batch: B8J0115

Version: UCMR 3 (6 Analyte)
DoD: DoD QSM 5.1

Prep Data Entered: 10/18/18 MC
Date and Initials

Initial Sequence: S8J0057

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
1803286-01	"A"	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-RW03B-1018		WR-2 E-3	HDPE Bottle, 125 mL
1803286-02	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-RW03BP-1018		WR-2 E-3	HDPE Bottle, 125 mL
1803286-03	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-FB03B-1018		WR-2 E-3	HDPE Bottle, 125 mL
1803286-04	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-RW03-1018		WR-2 E-3	HDPE Bottle, 125 mL
1803286-05	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-FB03-1018		WR-2 E-3	HDPE Bottle, 125 mL
1803286-06	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-RW04-1018		WR-2 E-3	HDPE Bottle, 125 mL
1803286-07	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	OC-FB04-1018		WR-2 E-3	HDPE Bottle, 125 mL

WO Comments: List of 6, include Total PFOA.

Pre-Prep Check Out: 10.12.18 aj Prep Check Out: AE 10/17/18 Prep Reconciled Initials/Date: 10.12.18 aj
Pre-Prep Check In: 10.12.18 aj Prep Check In: NA Spike Reconciled Initials/Date: AE 10/17/18
VialBoxID: Festivals

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8J0115

Chemist: AE

Prep Date: 10/17/18

Prep Time: 11:00

Prepared using: LCMS - SPE Extraction-LCMS

Cen	VISTA Sample ID	Date/Initials: <u>10-12-18</u> <u>ae</u>				Balance ID: <u>HRMS-8</u>			IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE
		pH Before	pH After	Chlorine (Cl)	Drops HCl Added	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)			
<input type="checkbox"/>	B8J0115-BLK1 (C)	5	2	0	2	N/A	N/A	(0.250) ✓	ae 10/17/18	ae 10/17/18	ae FR 10/17/18
<input type="checkbox"/>	B8J0115-BS1	5	2	0	2	↓	↓	(0.250) ✓	↓	↓	↓
<input type="checkbox"/>	B8J0115-BSD1 (A)	5 ¹⁰⁻¹²⁻¹⁸ 2.2	2 ¹⁰⁻¹²⁻¹⁸ 2.2	0 ¹⁰⁻¹²⁻¹⁸ 2.2	2 ¹⁰⁻¹²⁻¹⁸ 2.2	NA ¹⁰⁻¹²⁻¹⁸ NA	NA ¹⁰⁻¹²⁻¹⁸ NA	(0.250) ✓	↓	↓	↓
<input type="checkbox"/>	1803286-01	5	2	0	2	146.99	26.84	0.12015 ✓	↓	↓	↓
<input type="checkbox"/>	1803286-02	5	2	0	2	146.07	26.86	0.11921 ✓	↓	↓	↓
<input type="checkbox"/>	1803286-03	6	2	0	2	145.51	26.93	0.11858 ✓	↓	↓	↓
<input type="checkbox"/>	1803286-04	5	2	0	2	144.72	26.88	0.11784 ✓	↓	↓	↓
<input type="checkbox"/>	1803286-05	6	2	0	2	144.42	27.04	0.11738 ✓	↓	↓	↓
<input type="checkbox"/>	1803286-06	6	2	0	2	142.17	26.96	0.11521 ✓	↓	↓	↓
<input type="checkbox"/>	1803286-07	5	2	0	2	145.79	26.95	0.11884 ✓	↓	↓	↓
<input type="checkbox"/>	1803289-01	6	2	0	4	283.59	27.37	0.15222 ✓	↓	↓	↓
<input type="checkbox"/>	1803294-01	7 (B)	2	0	2	139.36	26.80	0.11256 ✓	↓	↓	↓

IS: <u>18H1301, 10 mL (C)</u>	SPE Chem: <u>Strata X-AW 33µm 200mg 6 mL</u>	Notes: <u>PREPARED ON 10/17/18 - ae 10/17/18</u> <u>(B) Sample had green coloration after elution 10/17/18 ae</u> <u>(C) Envicarb Lot #10262101</u>
IS SUP: <u>NA</u>	Ele SOLV: <u>MeOH/0.5% NH₄OH in MeOH</u>	
NS: <u>18H1304, 10 mL (C)</u>	Final Volume(s) <u>1 mL</u>	
RS: <u>18H1302, 10 mL (C)</u>		

Comments: Assume 1 g = 1 mL

Cen = Centrifuged

Batch: B8J0115

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1803286-01	0.12015 ✓	NA	NA	1000	17-Oct-18 11:00	AME			Drinking Water	537M PFAS DOD (LOQ as
1803286-02	0.11921 ✓	↓	↓	1000	17-Oct-18 11:00	AME			Drinking Water	537M PFAS DOD (LOQ as
1803286-03	0.11858 ✓	↓	↓	1000	17-Oct-18 11:00	AME			Drinking Water	537M PFAS DOD (LOQ as
1803286-04	0.11784 ✓	↓	↓	1000	17-Oct-18 11:00	AME			Drinking Water	537M PFAS DOD (LOQ as
1803286-05	0.11738 ✓	↓	↓	1000	17-Oct-18 11:00	AME			Drinking Water	537M PFAS DOD (LOQ as
1803286-06	0.11521 ✓	↓	↓	1000	17-Oct-18 11:00	AME			Drinking Water	537M PFAS DOD (LOQ as
1803286-07	0.11884 ✓	↓	↓	1000	17-Oct-18 11:00	AME			Drinking Water	537M PFAS DOD (LOQ as
1803289-01	0.15622 ✓	↓	↓	1000	17-Oct-18 11:00	AME			Groundwater	537M PFAS DOD (LOQ as
1803294-01	0.11256 ✓	↓	↓	1000	17-Oct-18 11:00	AME			Groundwater	537M PFAS DOD (LOQ as
B8J0115-BLK1	0.25 ✓	↓	↓	1000	17-Oct-18 11:00	AME				QC
B8J0115-BS1	0.25 ✓	↓	↓	1000	17-Oct-18 11:00	AME	18H1304 ✓	10 ✓		QC
B8J0115-BSD1	0.25 ✓	↓	↓	1000	17-Oct-18 11:00	AME	18H1304 ✓	10 ✓		QC

→ 10/18/18

Sample Data – PFAS Isotope Dilution Method

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-16.qld

Last Altered: Sunday, October 28, 2018 13:08:28 Pacific Daylight Time

Printed: Sunday, October 28, 2018 13:08:38 Pacific Daylight Time

Name: 181026M2_16, Date: 26-Oct-2018, Time: 18:25:54, ID: B8J0115-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF Me...	RT	Respon...	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3 PFBS	299.0 > 79.7		1.10e3	0.250							
2	5 PFHxA	313 > 269		4.60e3	0.250							
3	7 PFHpA	363.0 > 318.9		5.24e3	0.250							
4	8 L-PFHxS	398.9 > 79.6	4.88e0	9.33e2	0.250		4.29	0.0654	0.3759		0.797	NO
5	68 Total PFHxS	398.9 > 79.6	4.88e0	9.33e2	0.250			0.0654	0.3759			
6	38 13C3-PFBS	302. > 98.8	1.10e3	2.58e3	0.250	0.496	2.99	5.34	43.0910	86.2		
7	40 13C2-PFHxA	315 > 270	4.60e3	1.18e4	0.250	1.035	3.54	4.89	18.8782	94.4		
8	41 13C4-PFHpA	367.2 > 321.8	5.24e3	1.18e4	0.250	0.495	4.17	5.56	44.9206	89.8		
9	42 18O2-PFHxS	403.0 > 102.6	9.33e2	2.58e3	0.250	0.404	4.30	4.51	44.6831	89.4		
10	42 18O2-PFHxS	403.0 > 102.6	9.33e2	2.58e3	0.250	0.404	4.30	4.51	44.6831	89.4		
11	-1											
12	11 L-PFOA	412.8 > 368.9		8.13e3	0.250							
13	69 Total PFOA	412.8 > 368.9	0.00e0	8.13e3	0.250			0.000				
14	14 PFNA	463.0 > 418.8		6.35e3	0.250							
15	16 L-PFOS	498.9 > 79.9		2.62e3	0.250							
16	70 Total PFOS	498.9 > 79.9	0.00e0	2.62e3	0.250			0.000				
17	44 13C2-PFOA	414.9 > 369.7	8.13e3	1.37e4	0.250	0.691	4.64	7.43	43.0467	86.1		
18	44 13C2-PFOA	414.9 > 369.7	8.13e3	1.37e4	0.250	0.691	4.64	7.43	43.0467	86.1		
19	45 13C5-PFNA	468.2 > 422.9	6.35e3	8.19e3	0.250	0.996	5.07	9.70	38.9351	77.9		
20	47 13C8-PFOS	507.0 > 79.9	2.62e3	2.51e3	0.250	1.043	5.15	13.0	49.9043	99.8		
21	47 13C8-PFOS	507.0 > 79.9	2.62e3	2.51e3	0.250	1.043	5.15	13.0	49.9043	99.8		
22	-1											
23	18 PFDA	513 > 468.8		5.28e3	0.250							
24	25 PFUDa	563.0 > 518.9	2.98e1	7.43e3	0.250		5.75	0.0501	0.0969		35.6	YES
25	27 PFDoA	612.9 > 569.0		7.01e3	0.250							
26	29 PFTTrDA	662.9 > 618.9		7.01e3	0.250							
27	30 PFTeDA	713.0 > 669.0	3.56e1	7.36e3	0.250		6.47	0.0604			96.7	YES
28	48 13C2-PFDA	515.1 > 469.9	5.28e3	8.43e3	0.250	0.994	5.44	7.83	31.5208	63.0		
29	51 13C2-PFUdA	565 > 519.8	7.43e3	1.23e4	0.250	0.945	5.75	7.56	31.9906	64.0		
30	53 13C2-PFDoA	615.0 > 569.7	7.01e3	8.43e3	0.250	1.359	6.03	10.4	30.5806	61.2		
31	53 13C2-PFDoA	615.0 > 569.7	7.01e3	8.43e3	0.250	1.359	6.03	10.4	30.5806	61.2		
32	55 13C2-PFTeDA	715.1 > 669.7	7.36e3	1.23e4	0.250	0.797	6.47	7.49	37.5651	75.1		
33	-1											
34	73 TCDA	498.3 > 106.9			0.250							
35	61 13C5-PFHxA	318 > 272.9	1.18e4	1.18e4	0.250	1.000	3.54	12.5	50.0000	100.0		GM 10/28/2018
36	62 13C3-PFHxS	401.8 > 79.9	2.58e3	2.58e3	0.250	1.000	4.30	12.5	50.0000	100.0		

MM 10/29/2018

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-16.qld

Last Altered: Sunday, October 28, 2018 13:08:28 Pacific Daylight Time

Printed: Sunday, October 28, 2018 13:08:38 Pacific Daylight Time

Name: 181026M2_16, Date: 26-Oct-2018, Time: 18:25:54, ID: B8J0115-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	Trace	Area	IS Area	wt/vol	RRF Me...	RT	Respon...	Conc.	%Rec	Ion Ratio	Ratio Out?
37	63 13C8-PFOA	420.9 > 376	1.37e4	1.37e4	0.250	1.000	4.64	12.5	50.0000	100.0		
38	64 13C9-PFNA	472.2 > 426.9	8.19e3	8.19e3	0.250	1.000	5.07	12.5	50.0000	100.0		
39	47 13C8-PFOS	507.0 > 79.9	2.62e3	2.51e3	0.250	1.043	5.15	13.0	49.9043	99.8		
40	65 13C4-PFOS	503 > 79.9	2.51e3	2.51e3	0.250	1.000	5.15	12.5	50.0000	100.0		
41	66 13C6-PFDA	519.1 > 473.7	8.43e3	8.43e3	0.250	1.000	5.43	12.5	50.0000	100.0		
42	67 13C7-PFUDa	570.1 > 524.8	1.23e4	1.23e4	0.250	1.000	5.75	12.5	50.0000	100.0		

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-16.qld

Last Altered: Sunday, October 28, 2018 13:08:28 Pacific Daylight Time

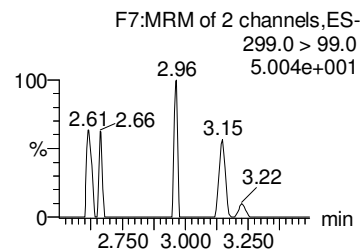
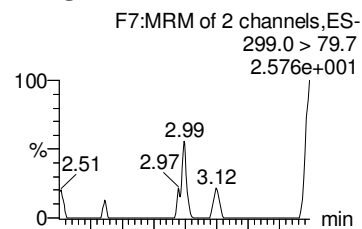
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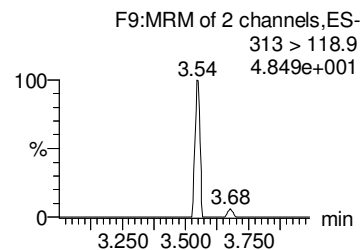
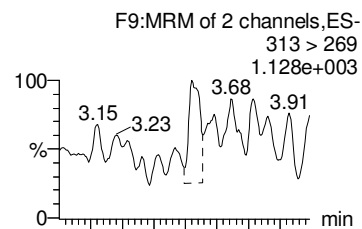
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Name: 181026M2_16, Date: 26-Oct-2018, Time: 18:25:54, ID: B8J0115-BLK1 Method Blank 0.25, Description: Method Blank

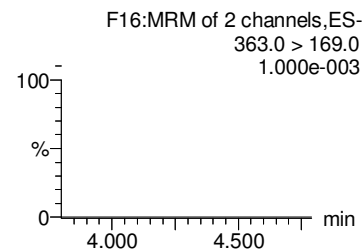
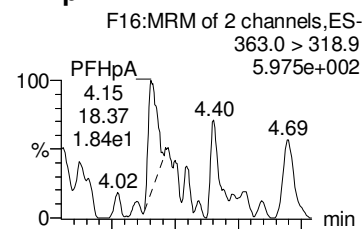
PFBS



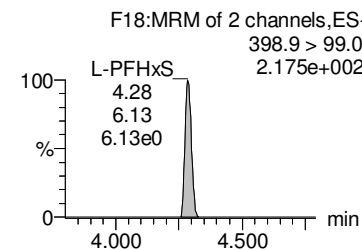
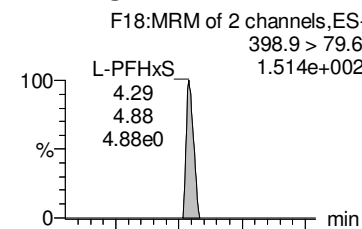
PFHxA



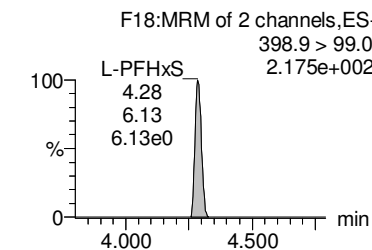
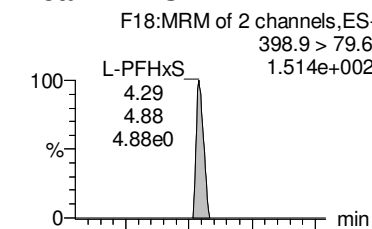
PFHpA



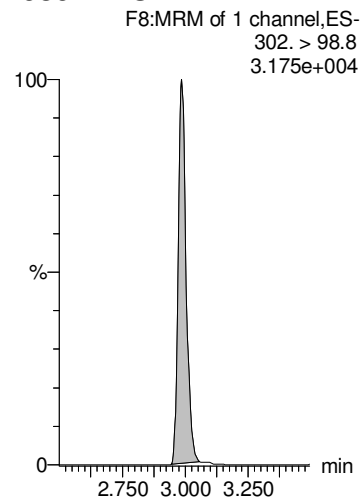
L-PFHxS



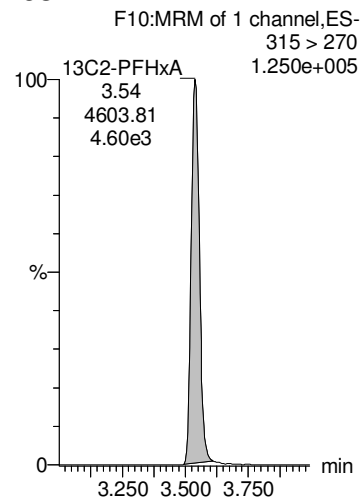
Total PFHxS



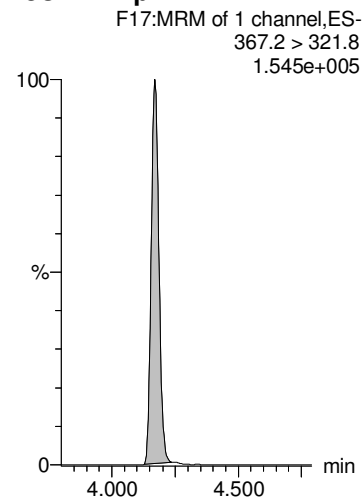
13C3-PFBS



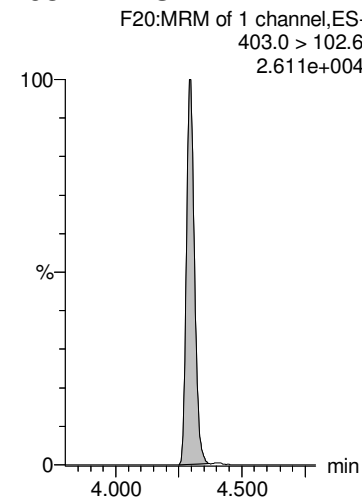
13C2-PFHxA



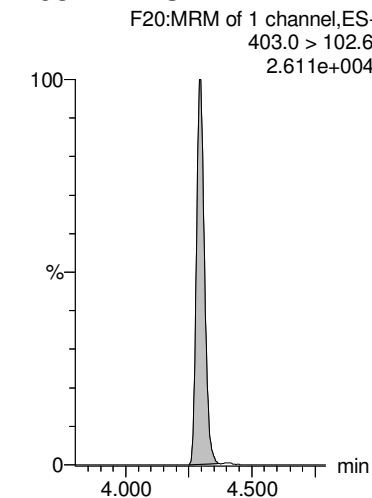
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



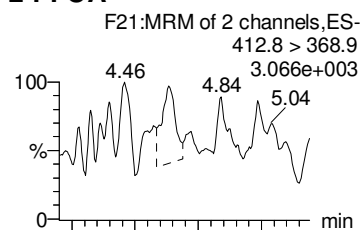
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Last Altered: Sunday, October 28, 2018 13:08:28 Pacific Daylight Time

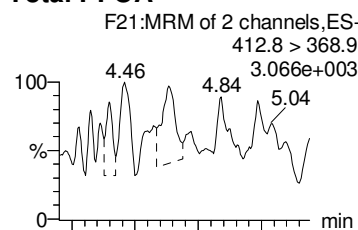
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Name: 181026M2_16, Date: 26-Oct-2018, Time: 18:25:54, ID: B8J0115-BLK1 Method Blank 0.25, Description: Method Blank

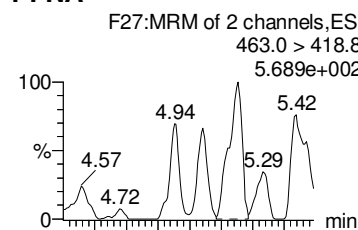
L-PFOA



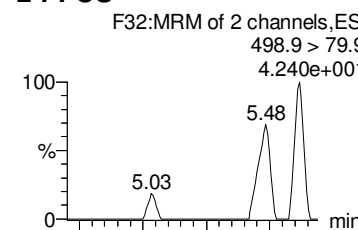
Total PFOA



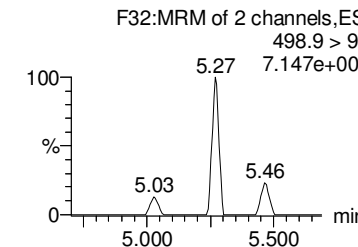
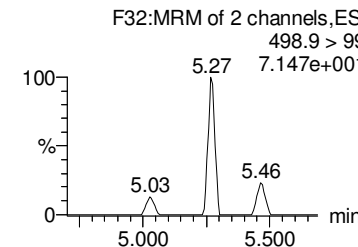
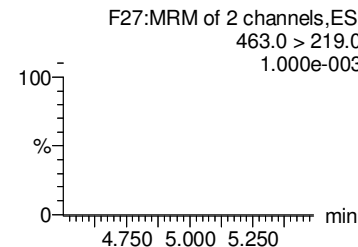
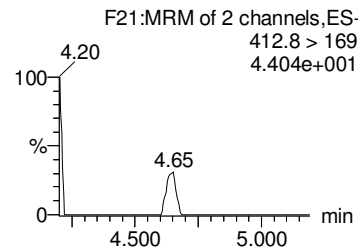
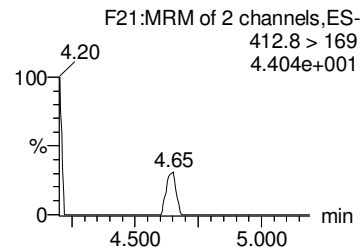
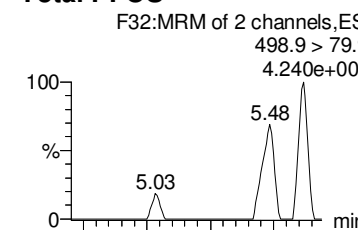
PFNA



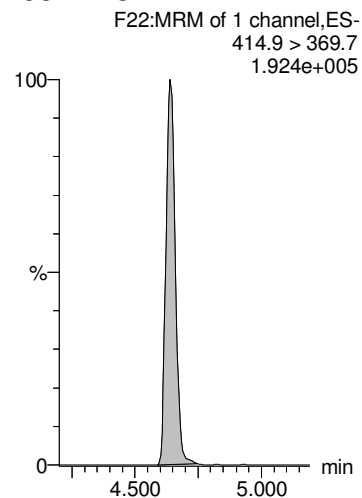
L-PFOS



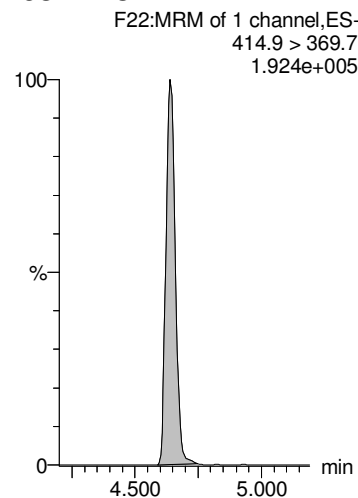
Total PFOS



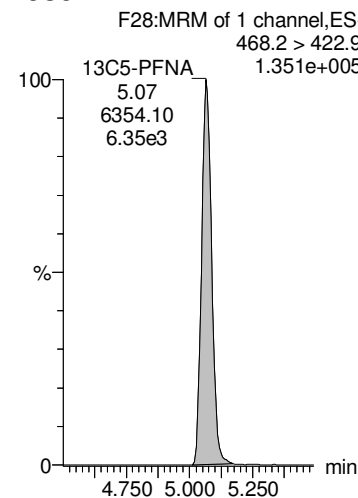
13C2-PFOA



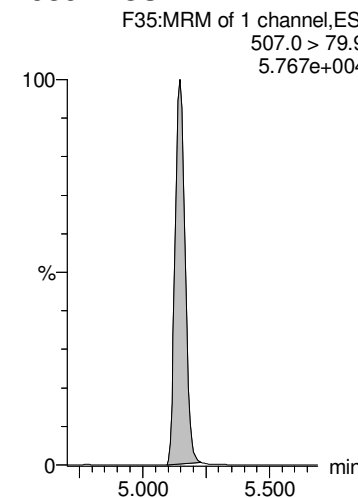
13C2-PFOA



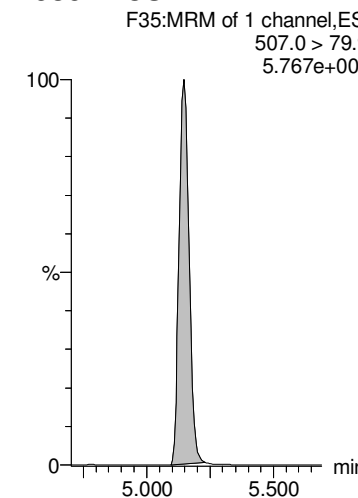
13C5-PFNA



13C8-PFOS



13C8-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-16.qld

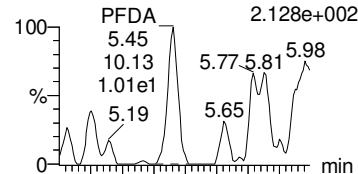
Last Altered: Sunday, October 28, 2018 13:08:28 Pacific Daylight Time

Printed: Sunday, October 28, 2018 13:08:38 Pacific Daylight Time

Name: 181026M2_16, Date: 26-Oct-2018, Time: 18:25:54, ID: B8J0115-BLK1 Method Blank 0.25, Description: Method Blank

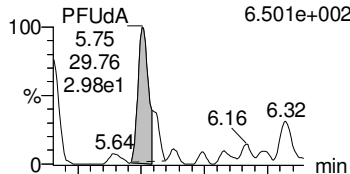
PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
2.128e+002



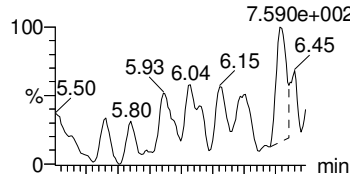
PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
6.501e+002



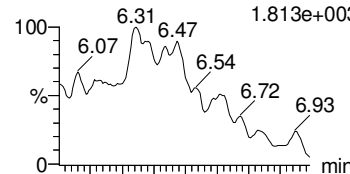
PFDaA

F54:MRM of 4 channels,ES-
612.9 > 569.0
7.590e+002



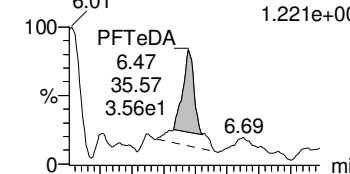
PFTrDA

F60:MRM of 2 channels,ES-
662.9 > 618.9
1.813e+003

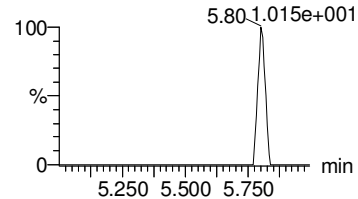


PFTeDA

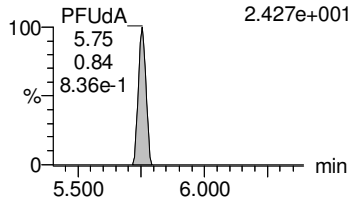
F61:MRM of 2 channels,ES-
713.0 > 669.0
1.221e+003



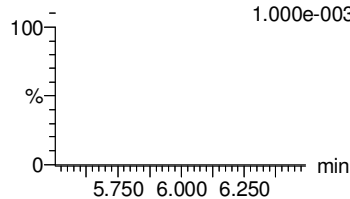
F37:MRM of 2 channels,ES-
513 > 219
1.015e+001



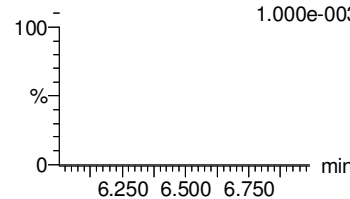
F46:MRM of 2 channels,ES-
563.0 > 269
2.427e+001



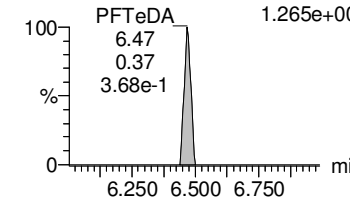
F54:MRM of 4 channels,ES-
612.9 > 318.8
1.000e-003



F60:MRM of 2 channels,ES-
662.9 > 319
1.000e-003

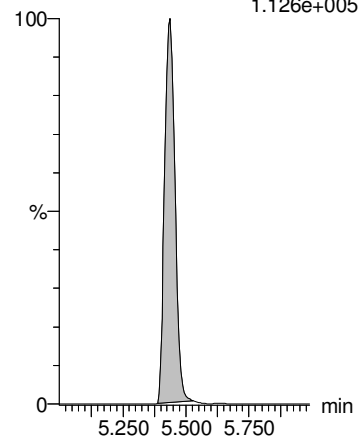


F61:MRM of 2 channels,ES-
713.0 > 369.0
1.265e+001



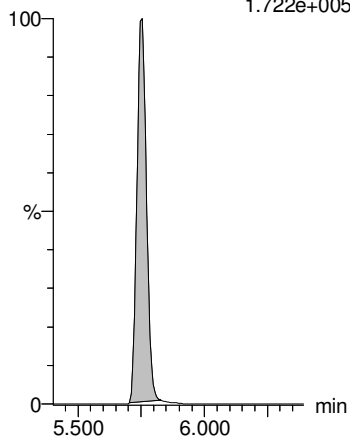
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
1.126e+005



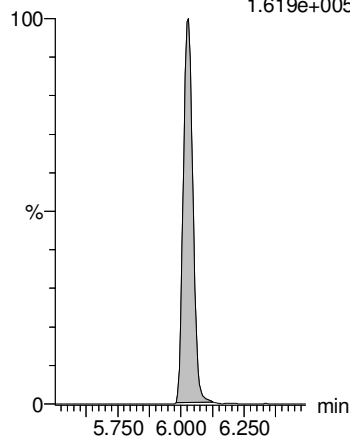
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
1.722e+005



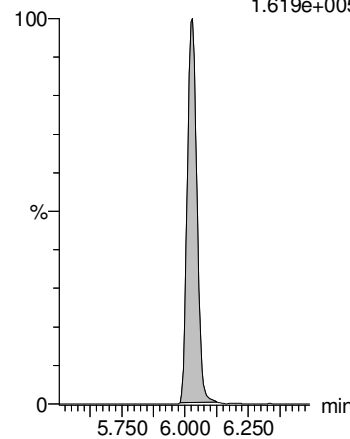
13C2-PFDaA

F55:MRM of 2 channels,ES-
615.0 > 569.7
1.619e+005



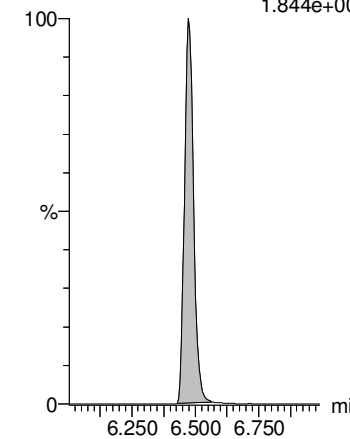
13C2-PFTeDA

F55:MRM of 2 channels,ES-
615.0 > 569.7
1.619e+005



13C2-PFTeDA

F62:MRM of 2 channels,ES-
715.1 > 669.7
1.844e+005



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-16.qld

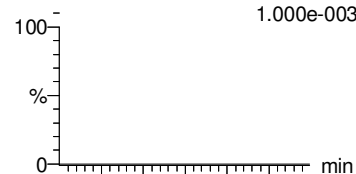
Last Altered: Sunday, October 28, 2018 13:08:28 Pacific Daylight Time

Printed: Sunday, October 28, 2018 13:08:38 Pacific Daylight Time

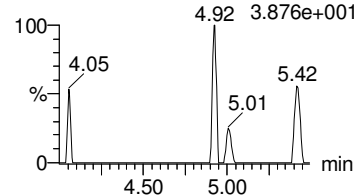
Name: 181026M2_16, Date: 26-Oct-2018, Time: 18:25:54, ID: B8J0115-BLK1 Method Blank 0.25, Description: Method Blank

TCDA

F31:MRM of 3 channels,ES-
498.3 > 106.9
1.000e-003

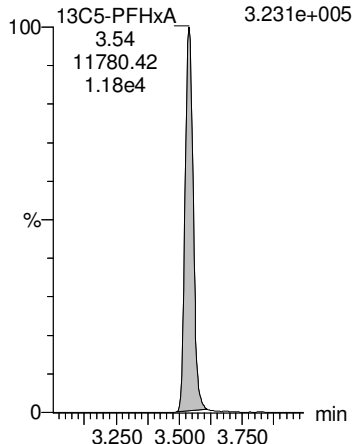


F31:MRM of 3 channels,ES-
498.3 > 123.9
3.876e+001



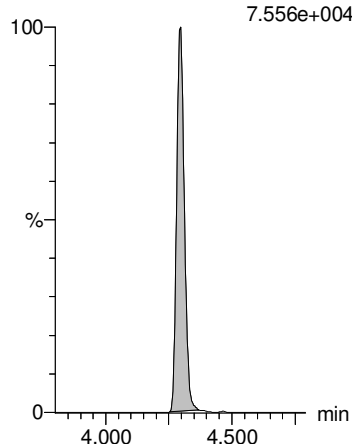
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
3.231e+005



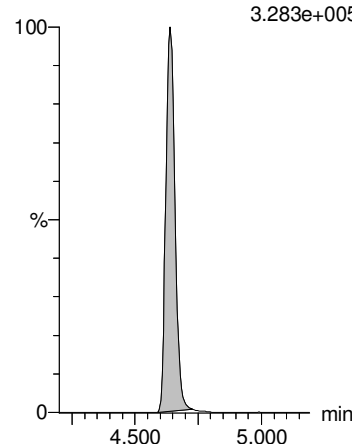
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
7.556e+004



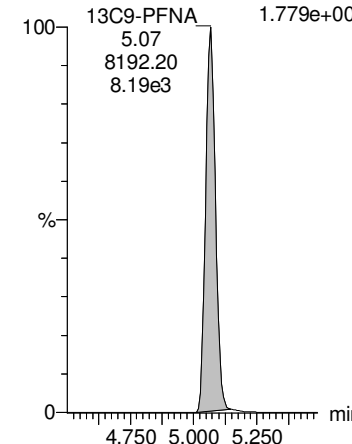
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.283e+005



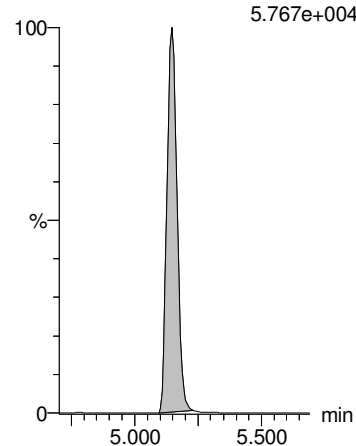
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.779e+005



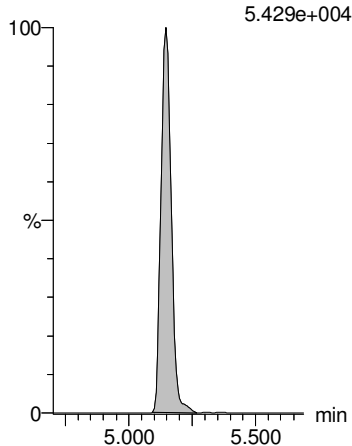
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
5.767e+004



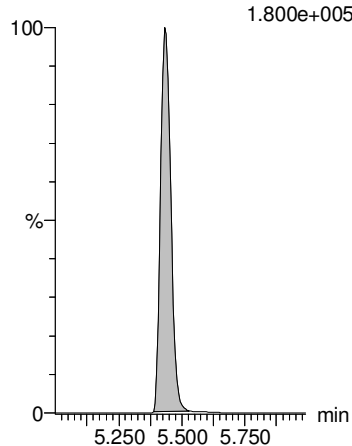
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
5.429e+004



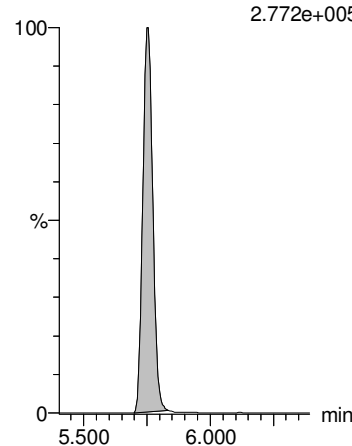
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.800e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.772e+005



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-8.qld

Last Altered: Monday, October 22, 2018 18:20:31 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:21:22 Pacific Daylight Time

Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respon...	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	6.73e3	8.07e3	0.250	1.04	1.01	10.4	31.4679	78.7		
2	2 PFPeA	263.1 > 218.9	5.89e3	9.10e3	0.250	0.809	2.14	8.09	30.6783	76.7		
3	3 PFBS	299.0 > 79.7	2.43e3	1.87e3	0.250	1.63	2.52	16.3	31.4078	78.5	2.70	NO
4	4 4:2 FTS	327.2>307.2	3.24e3	3.89e3	0.250	1.04	3.03	10.4	34.6298	86.6	1.63	NO
5	5 PFHxA	313 > 269	1.05e4	6.00e3	0.250	0.873	3.12	8.73	31.1451	77.9	16.5	NO
6	36 13C3-PFBA	216.1 > 171.8	8.07e3	1.12e4	0.250	0.718	1.01	8.97	47.1175	94.2		
7	37 13C3-PFPeA	266. > 221.8	9.10e3	1.63e4	0.250	0.558	2.13	6.97	51.9456	103.9		
8	38 13C3-PFBS	302. > 98.8	1.87e3	3.88e3	0.250	0.481	2.52	6.01	44.7888	89.6		
9	39 13C2-4:2 FTS	329.2>308.9	3.89e3	3.88e3	0.250	1.00	3.03	12.5	42.4398	84.9		
10	40 13C2-PFHxA	315 > 270	6.00e3	1.63e4	0.250	0.920	3.12	4.60	20.3512	101.8		
11	-1											
12	6 PFPeS	349.1>80.1	2.29e3	1.87e3	0.250	1.53	3.36	15.3	33.9970	85.0	1.58	NO
13	7 PFHpA	363.0 > 318.9	6.27e3	7.25e3	0.250	1.08	3.82	10.8	31.4252	78.6	12.3	NO
14	8 L-PFHxS	398.9 > 79.6	2.23e3	1.74e3	0.250	1.60	3.98	16.0	31.3491	78.4	1.88	NO
15	68 Total PFHxS	398.9 > 79.6	2.23e3	1.74e3	0.250			16.0	31.3491			
16	10 6:2 FTS	427.1 > 407	4.40e3	4.56e3	0.250	1.21	4.27	12.1	31.3749	78.4	3.13	NO
17	38 13C3-PFBS	302. > 98.8	1.87e3	3.88e3	0.250	0.481	2.52	6.01	44.7888	89.6		
18	41 13C4-PFHpA	367.2 > 321.8	7.25e3	1.63e4	0.250	0.444	3.82	5.56	47.9407	95.9		
19	42 18O2-PFHxS	403.0 > 102.6	1.74e3	3.88e3	0.250	0.448	3.98	5.60	49.0249	98.0		
20	42 18O2-PFHxS	403.0 > 102.6	1.74e3	3.88e3	0.250	0.448	3.98	5.60	49.0249	98.0		
21	43 13C2-6:2 FTS	429.1 > 408.9	4.56e3	4.07e3	0.250	1.12	4.27	14.0	46.2270	92.5		
22	-1											
23	11 L-PFOA	412.8 > 368.9	1.23e4	1.29e4	0.250	1.20	4.33	12.0	31.1731	77.9	3.45	NO
24	69 Total PFOA	412.8 > 368.9	1.23e4	1.29e4	0.250			12.0	31.1731			
25	13 PFHpS	449 > 80.0	2.60e3	4.02e3	0.250	0.809	4.45	8.09	35.2015	88.0	1.80	NO
26	16 L-PFOS	498.9 > 79.9	3.15e3	4.02e3	0.250	0.978	4.86	9.78	34.1771	85.4	2.09	NO
27	70 Total PFOS	498.9 > 79.9	3.15e3	4.02e3	0.250			9.78	34.1771			
28	44 13C2-PFOA	414.9 > 369.7	1.29e4	2.06e4	0.250	0.626	4.33	7.82	43.9018	87.8		
29	44 13C2-PFOA	414.9 > 369.7	1.29e4	2.06e4	0.250	0.626	4.33	7.82	43.9018	87.8		
30	47 13C8-PFOS	507.0 > 79.9	4.02e3	4.07e3	0.250	0.988	4.86	12.3	48.3784	96.8		
31	47 13C8-PFOS	507.0 > 79.9	4.02e3	4.07e3	0.250	0.988	4.86	12.3	48.3784	96.8		
32	47 13C8-PFOS	507.0 > 79.9	4.02e3	4.07e3	0.250	0.988	4.86	12.3	48.3784	96.8		
33	-1											
34	14 PFNA	463.0 > 418.8	9.88e3	1.07e4	0.250	1.16	4.77	11.6	32.4317	81.1	4.05	NO
35	15 PFOSA	497.9 > 77.9	5.64e2	7.49e2	0.250	0.940	4.81	9.40	28.9741	72.4	175	YES
36	18 PFDA	513 > 468.8	1.02e4	1.04e4	0.250	1.22	5.15	12.2	31.5263	78.8	5.38	NO

AMR 10/22/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-8.qld

Last Altered: Monday, October 22, 2018 18:20:31 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:21:22 Pacific Daylight Time

Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respon...	Conc.	%Rec	Ion Ratio	Ratio Out?
37	19 8:2 FTS	527 > 506.9	3.50e3	3.29e3	0.250	1.33	5.12	13.3	33.3914	83.5	2.32	NO
38	20 PFNS	549.1 > 80.1	2.01e3	4.02e3	0.250	0.624	5.23	6.24	30.8038	77.0	1.55	NO
39	45 13C5-PFNA	468.2 > 422.9	1.07e4	1.41e4	0.250	0.757	4.77	9.46	40.3857	80.8		
40	46 13C8-PFOSA	506.1 > 77.7	7.49e2	2.48e4	0.250	0.0302	4.81	0.377	8.6991	17.4		
41	48 13C2-PFDA	515.1 > 469.9	1.04e4	1.82e4	0.250	0.574	5.15	7.17	35.0612	70.1		
42	49 13C2-8:2 FTS	529.1 > 508.7	3.29e3	4.07e3	0.250	0.809	5.12	10.1	43.4663	86.9		
43	47 13C8-PFOS	507.0 > 79.9	4.02e3	4.07e3	0.250	0.988	4.86	12.3	48.3784	96.8		
44	-1											
45	21 L-MeFOSAA	570 > 419	4.95e3	3.39e3	0.250	1.83	5.32	18.3	31.1530	77.9	2.62	NO
46	71 Total N-MeFOSAA	570. > 419	4.95e3	3.39e3	0.250			18.3	31.1530			
47	23 L-EtFOSAA	584.1 > 419	4.09e3	4.64e3	0.250	1.10	5.48	11.0	30.1184	75.3	1.59	NO
48	72 Total N-EtFOSAA	584.1 > 419	4.09e3	4.64e3	0.250			11.0	30.1184			
49	25 PFUdA	563.0 > 518.9	1.02e4	1.51e4	0.250	0.847	5.49	8.47	32.0706	80.2	8.87	NO
50	50 d3-N-MeFOSAA	573.3 > 419	3.39e3	2.48e4	0.250	0.136	5.31	1.70	42.6134	85.2		
51	50 d3-N-MeFOSAA	573.3 > 419	3.39e3	2.48e4	0.250	0.136	5.31	1.70	42.6134	85.2		
52	52 d5-N-EtFOSAA	589.3 > 419	4.64e3	2.48e4	0.250	0.187	5.47	2.33	44.8029	89.6		
53	52 d5-N-EtFOSAA	589.3 > 419	4.64e3	2.48e4	0.250	0.187	5.47	2.33	44.8029	89.6		
54	51 13C2-PFUdA	565 > 519.8	1.51e4	2.48e4	0.250	0.608	5.49	7.59	32.4451	64.9		
55	-1											
56	26 PFDS	598.8 > 79.9	2.37e3	4.02e3	0.250	0.735	5.55	7.35	27.6252	69.1	1.65	NO
57	27 PFDoA	612.9 > 569.0	1.36e4	1.58e4	0.250	1.08	5.79	10.8	31.7882	79.5	7.62	NO
58	29 PFTTrDA	662.9 > 618.9	1.61e4	1.58e4	0.250	1.28	6.04	12.8	35.6619	89.2	21.2	NO
59	30 PFTeDA	712.8 > 669.0	1.60e4	1.14e4	0.250	1.75	6.27	17.5	31.4929	78.7	13.1	NO
60	28 N-MeFOSA	512.1 > 168.9	9.87e0		0.250	0.000	5.64				1.02	YES
61	47 13C8-PFOS	507.0 > 79.9	4.02e3	4.07e3	0.250	0.988	4.86	12.3	48.3784	96.8		
62	53 13C2-PFDoA	615.0 > 569.7	1.58e4	1.82e4	0.250	0.867	5.78	10.8	44.6738	89.3		
63	53 13C2-PFDoA	615.0 > 569.7	1.58e4	1.82e4	0.250	0.867	5.78	10.8	44.6738	89.3		
64	55 13C2-PFTeDA	714.8 > 669.6	1.14e4	2.48e4	0.250	0.460	6.27	5.75	45.2953	90.6		
65	54 d3-N-MeFOSA	515.2 > 168.9		2.48e4	0.250							
66	-1											
67	31 N-EtFOSA	526.1 > 168.9	4.77e1		0.250	0.000	6.19				2.41	YES
68	32 PFHxDA	813.1 > 768.6	1.74e2	1.62e2	0.250	0.534	6.63	5.34	40.7008	101.8	72.3	YES
69	33 PFODA	913.1 > 868.8	2.51e1	1.62e2	0.250	0.0773	6.88	0.773	3.3110	8.3		
70	34 N-MeFOSE	616.1 > 58.9	8.95e2		0.250	0.000	6.63					
71	35 N-EtFOSE	630.1 > 58.9	1.11e3		0.250	0.000	6.78					
72	56 d5-N-ETFOSA	531.1 > 168.9		2.48e4	0.250							

AMR 10/22/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-8.qld

Last Altered: Monday, October 22, 2018 18:20:31 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:21:22 Pacific Daylight Time

Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

	# Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respon...	Conc.	%Rec	Ion Ratio	Ratio Out?
73	57 13C2-PFHxDA	815 > 769.7	1.62e2	2.48e4	0.250	0.0164	6.63	0.0818	0.4204	2.1		
74	57 13C2-PFHxDA	815 > 769.7	1.62e2	2.48e4	0.250	0.0164	6.63	0.0818	0.4204	2.1		
75	58 d7-N-MeFOSE	623.1 > 58.9		2.48e4	0.250							
76	59 d9-N-EtFOSE	639.2 > 58.8		2.48e4	0.250							
77	-1											
78	73 TCDA	498.3>106.9			0.250							
79	61 13C5-PFHxA	318 > 272.9	1.63e4	1.63e4	0.250	1.00	3.12	12.5	50.0000	100.0		
80	60 13C4-PFBA	217. > 172	1.12e4	1.12e4	0.250	1.00	1.00	12.5	50.0000	100.0		
81	62 13C3-PFHxS	401.8 > 79.9	3.88e3	3.88e3	0.250	1.00	3.98	12.5	50.0000	100.0		
82	63 13C8-PFOA	420.9 > 376	2.06e4	2.06e4	0.250	1.00	4.33	12.5	50.0000	100.0		
83	47 13C8-PFOS	507.0 > 79.9	4.02e3	4.07e3	0.250	0.988	4.86	12.3	48.3784	96.8		
84	64 13C9-PFNA	472.2 > 426.9	1.41e4	1.41e4	0.250	1.00	4.77	12.5	50.0000	100.0		
85	65 13C4-PFOS	503 > 79.9	4.07e3	4.07e3	0.250	1.00	4.86	12.5	50.0000	100.0		
86	66 13C6-PFDA	519.1 > 473.7	1.82e4	1.82e4	0.250	1.00	5.15	12.5	50.0000	100.0		
87	67 13C7-PFUdA	570.1 > 524.8	2.48e4	2.48e4	0.250	1.00	5.49	12.5	50.0000	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-8.qld

Last Altered: Monday, October 22, 2018 18:20:31 Pacific Daylight Time

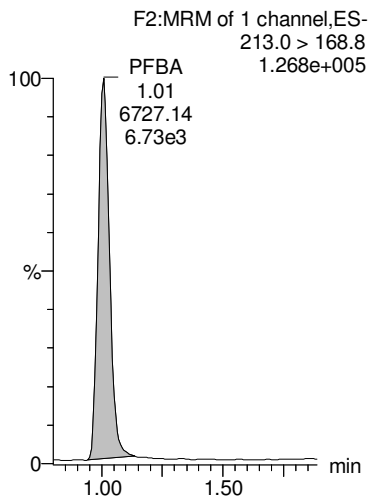
Printed: Monday, October 22, 2018 18:21:22 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102018.mdb 20 Oct 2018 15:49:54

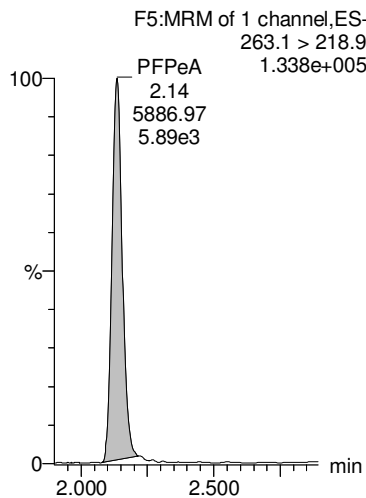
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

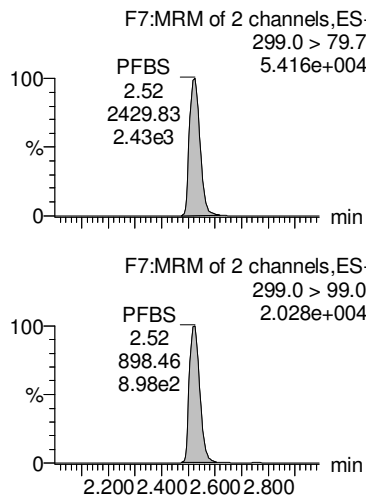
PFBA



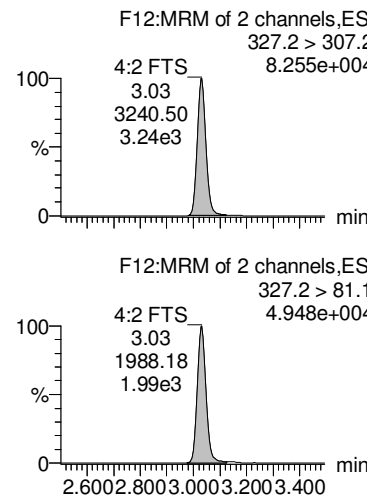
PFPeA



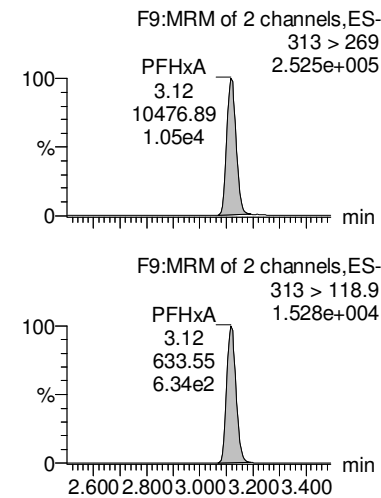
PFBS



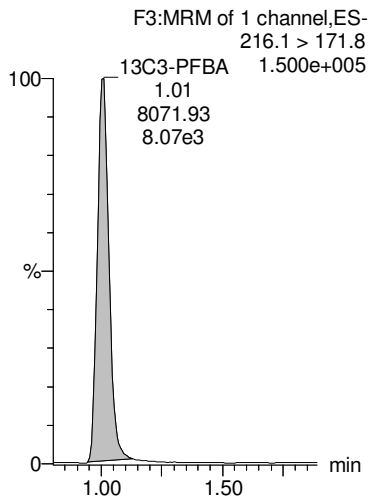
4:2 FTS



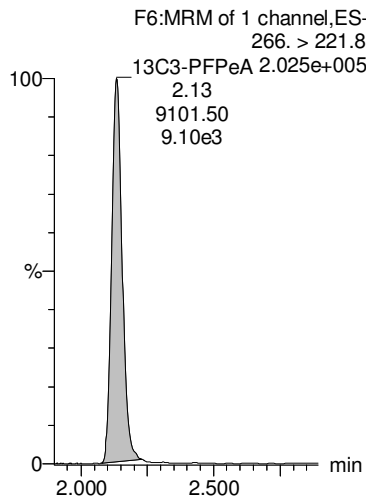
PFHxA



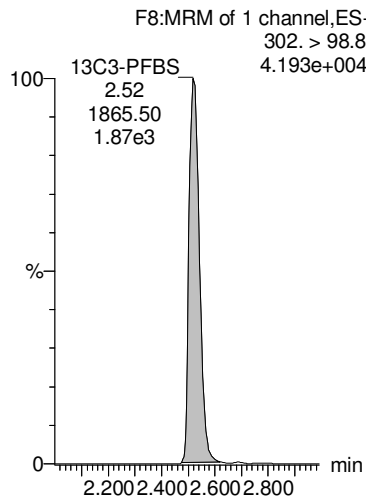
13C3-PFBA



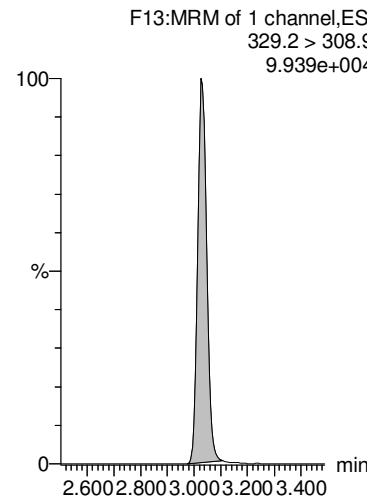
13C3-PFPeA



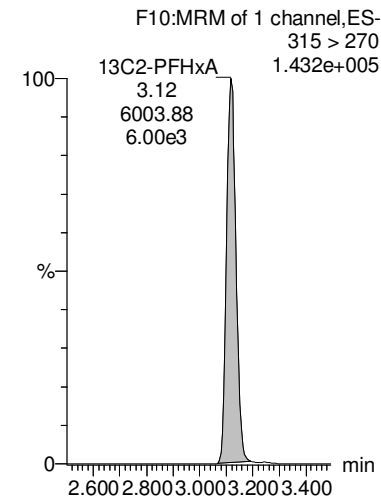
13C3-PFBS



13C2-4:2 FTS



13C2-PFHxA



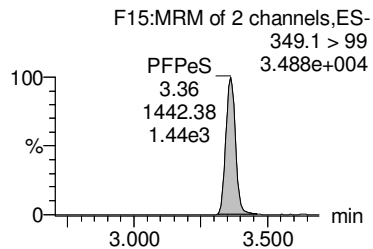
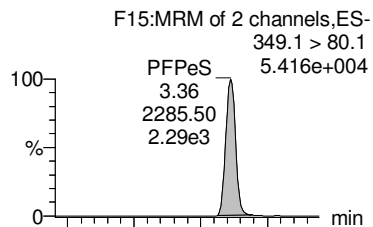
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Last Altered: Monday, October 22, 2018 18:20:31 Pacific Daylight Time

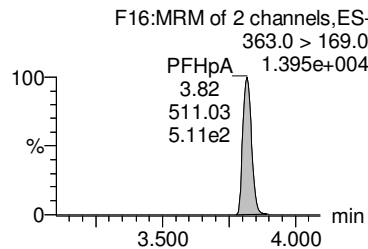
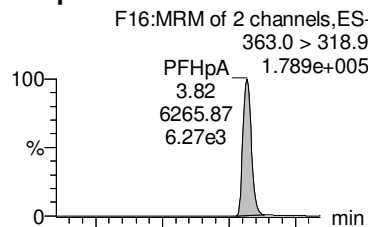
Printed: Monday, October 22, 2018 18:21:22 Pacific Daylight Time

Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

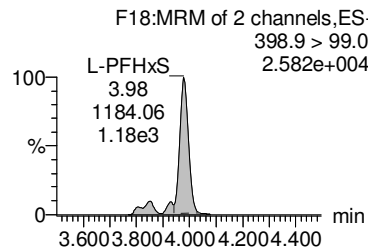
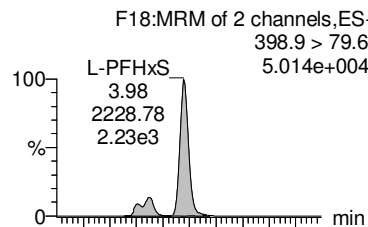
PFPeS



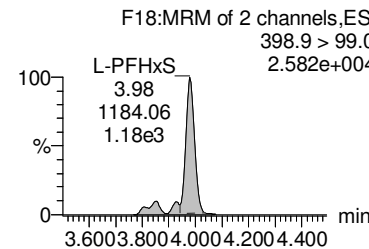
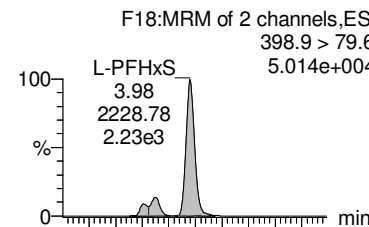
PFHpA



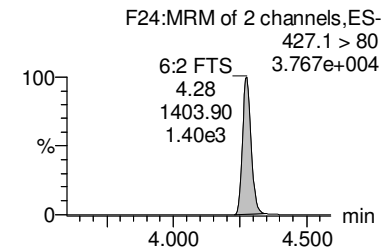
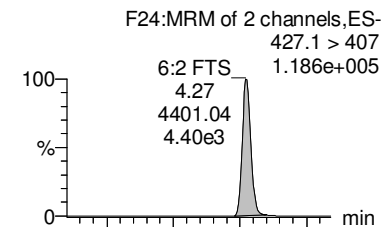
L-PFHxS



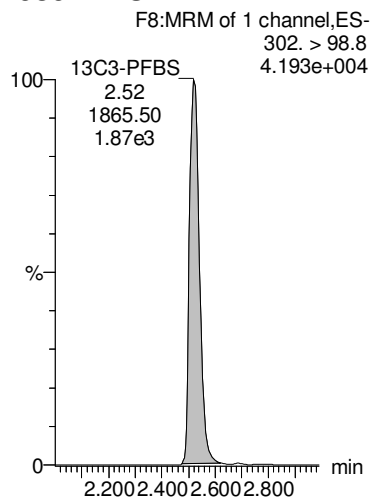
Total PFHxS



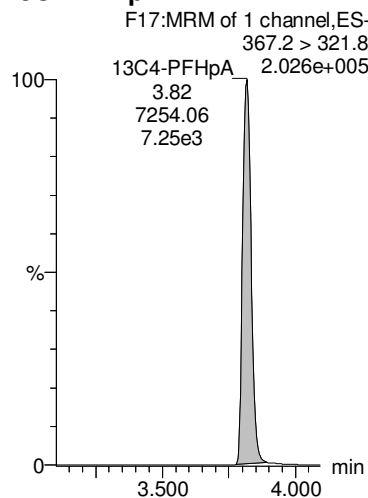
6:2 FTS



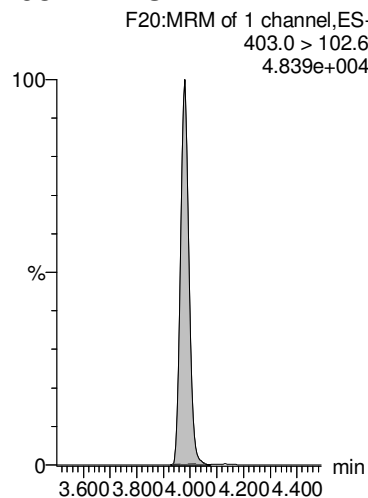
13C3-PFBS



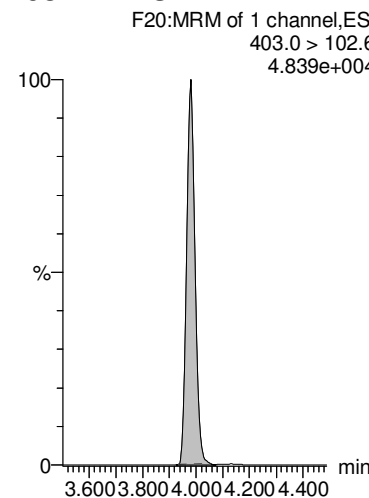
13C4-PFHpA



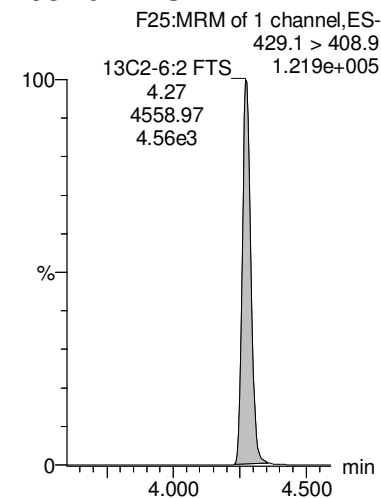
18O2-PFHxS



18O2-PFHxS



13C2-6:2 FTS



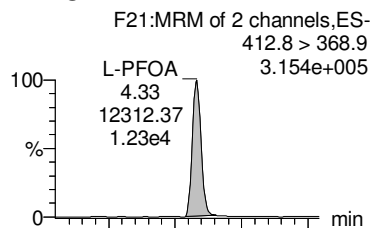
Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-8.qld

Last Altered: Monday, October 22, 2018 18:20:31 Pacific Daylight Time

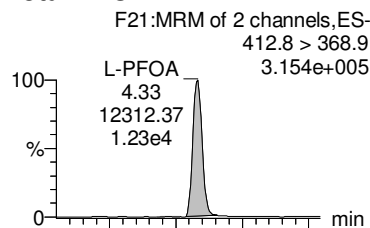
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Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

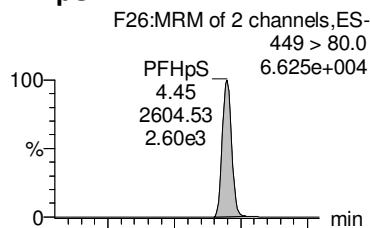
L-PFOA



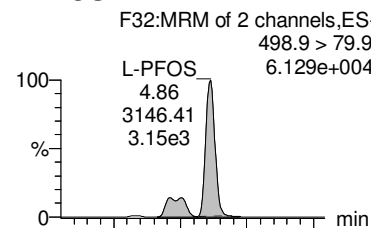
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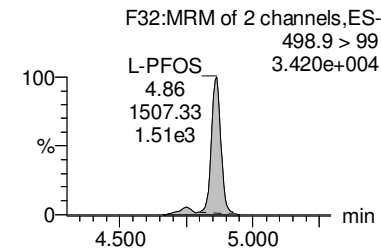
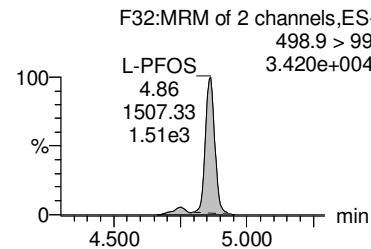
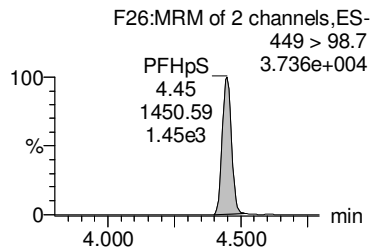
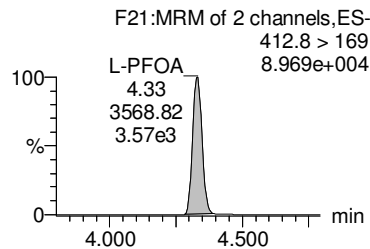
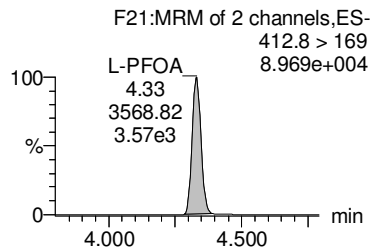
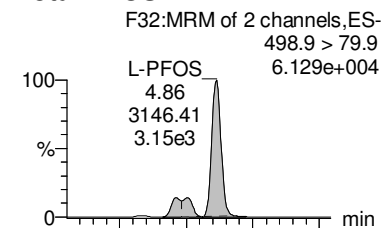
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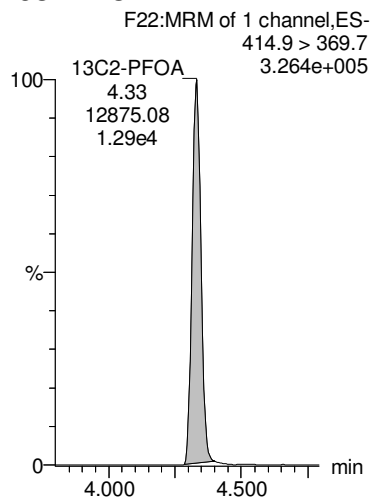
L-PFOS



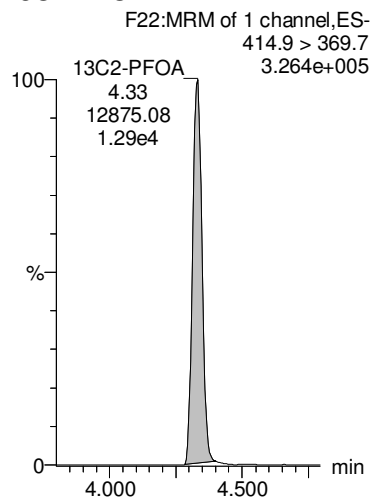
Total PFOS



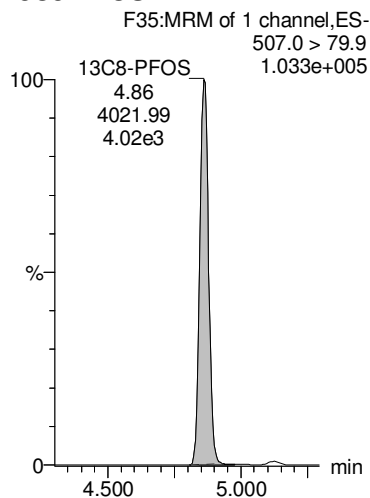
13C2-PFOA



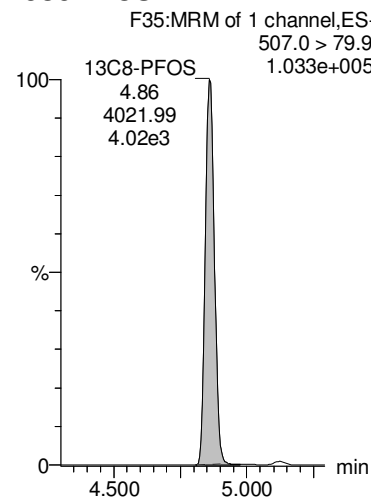
13C2-PFOA



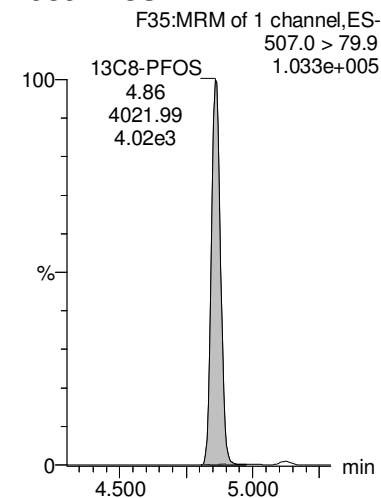
13C8-PFOS



13C8-PFOS



13C8-PFOS



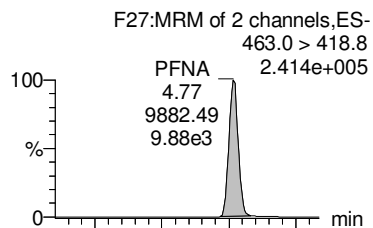
Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-8.qld

Last Altered: Monday, October 22, 2018 18:20:31 Pacific Daylight Time

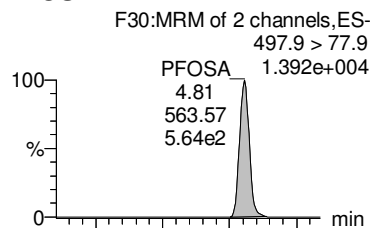
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Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

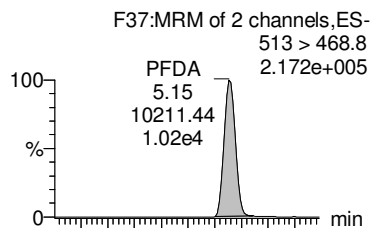
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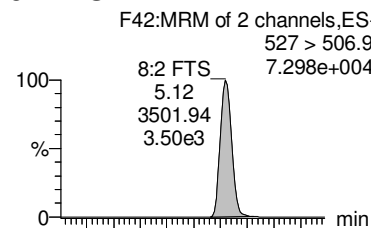
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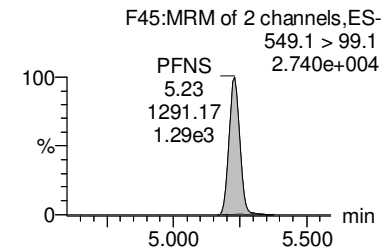
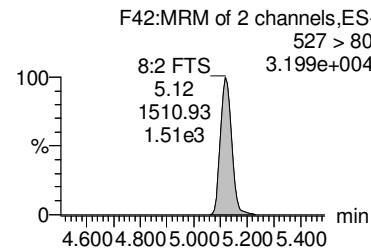
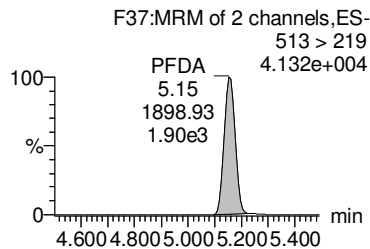
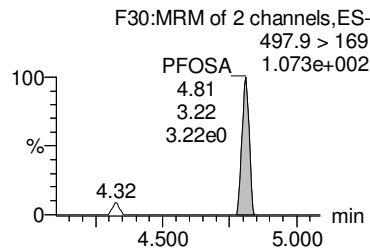
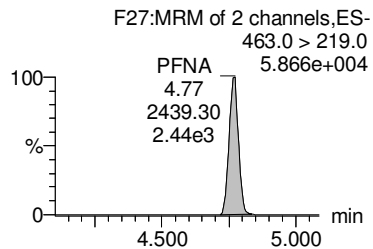
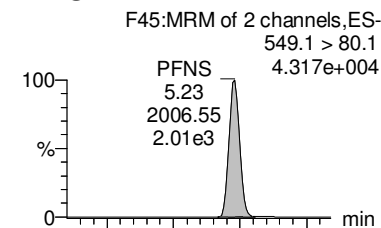
PFDA



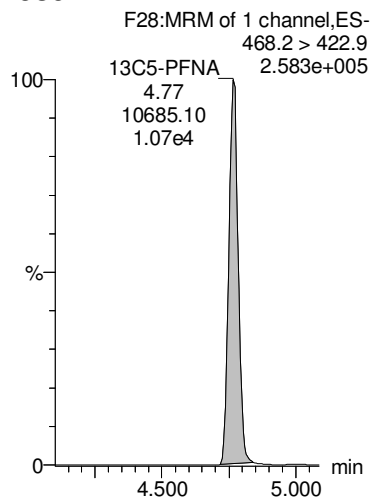
8:2 FTS



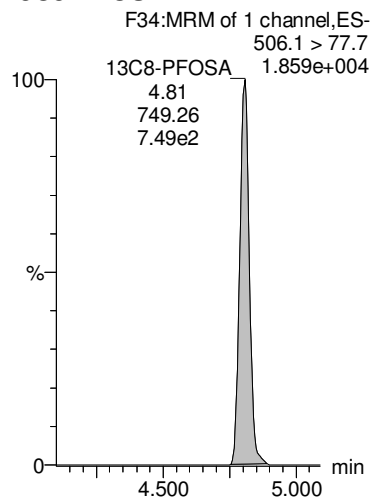
PFNS



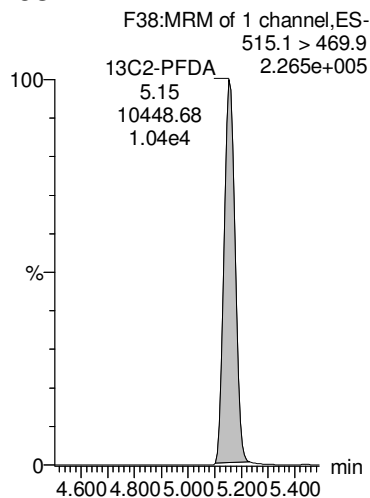
13C5-PFNA



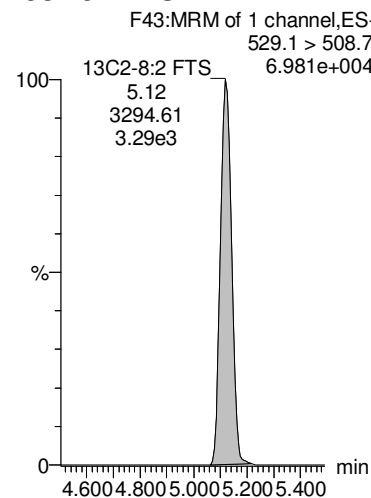
13C8-PFOSA



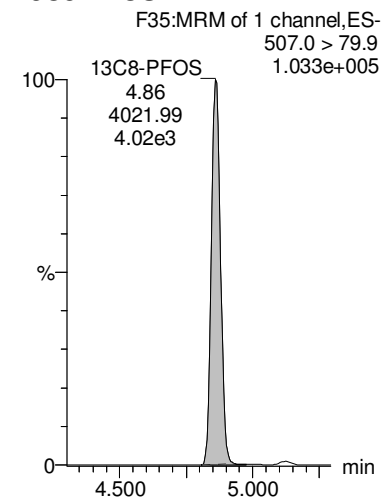
13C2-PFDA



13C2-8:2 FTS



13C8-PFOS

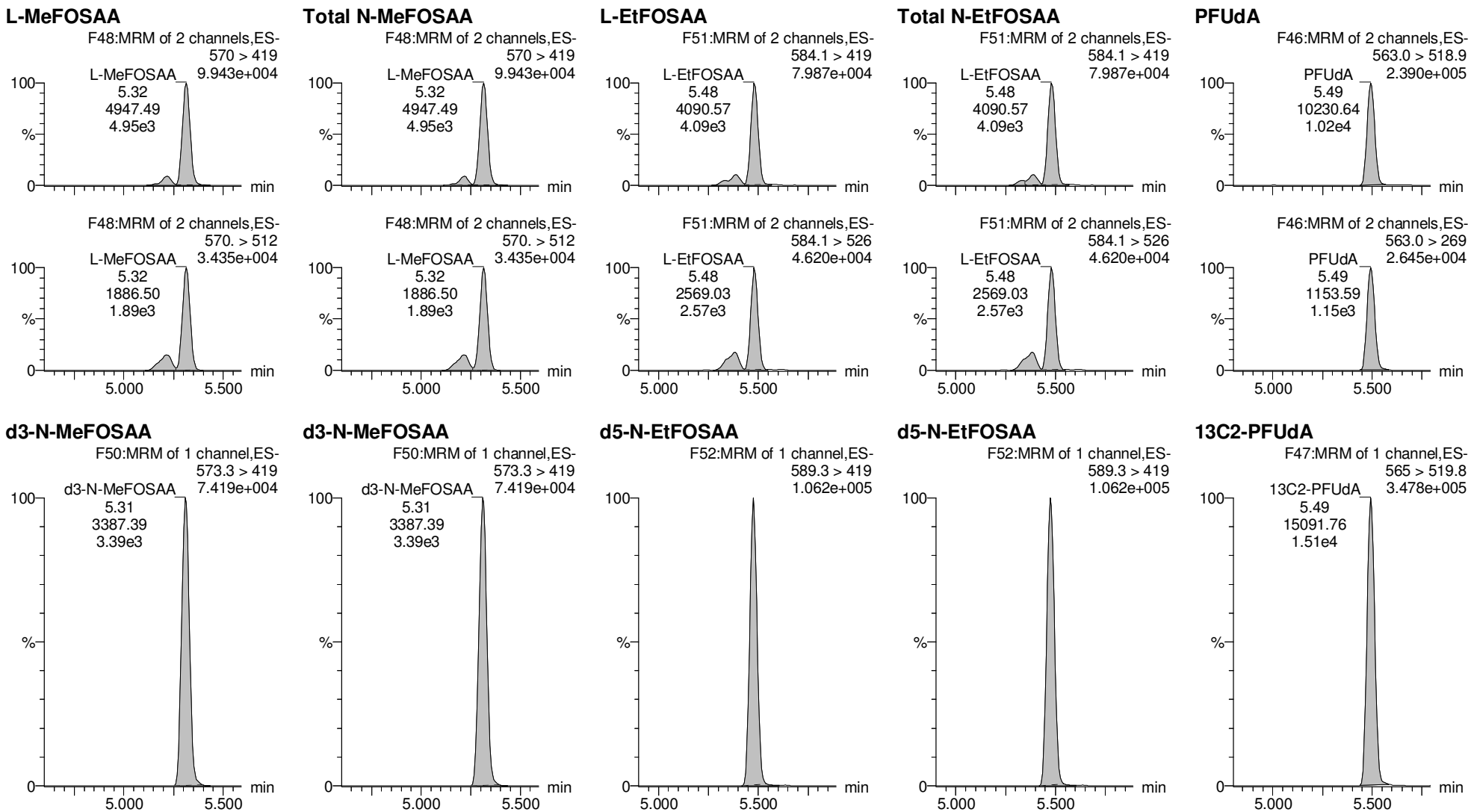


Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-8.qld

Last Altered: Monday, October 22, 2018 18:20:31 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:21:22 Pacific Daylight Time

Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR



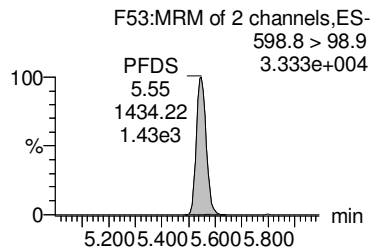
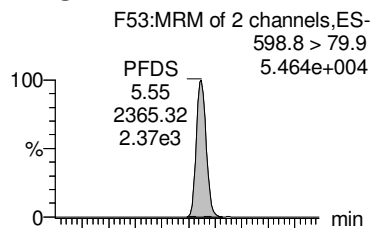
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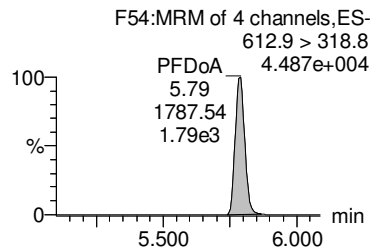
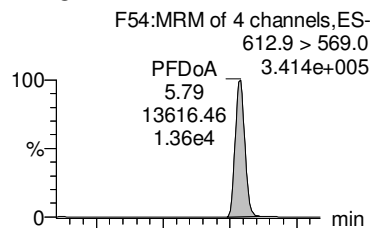
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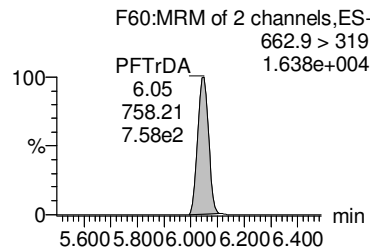
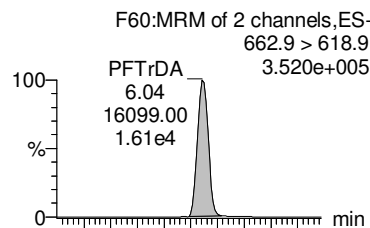
PFDS



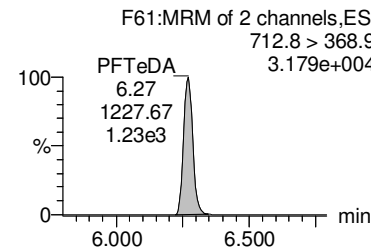
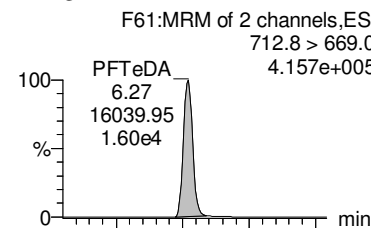
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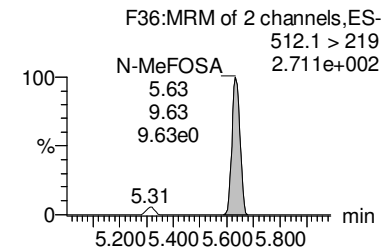
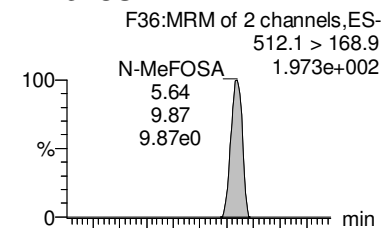
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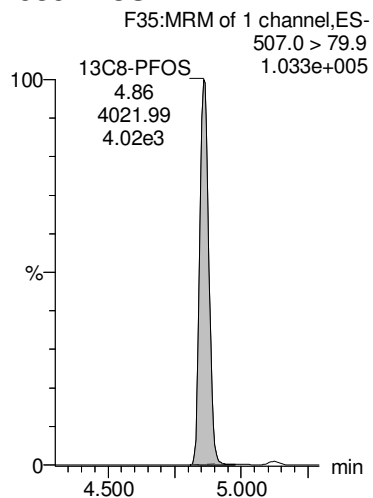
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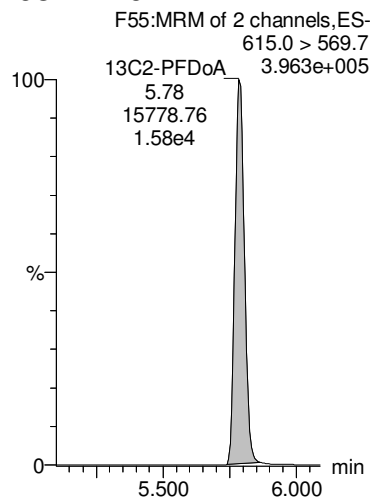
N-MeFOSA



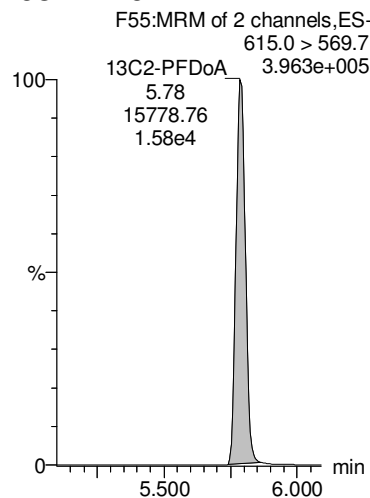
13C8-PFOS



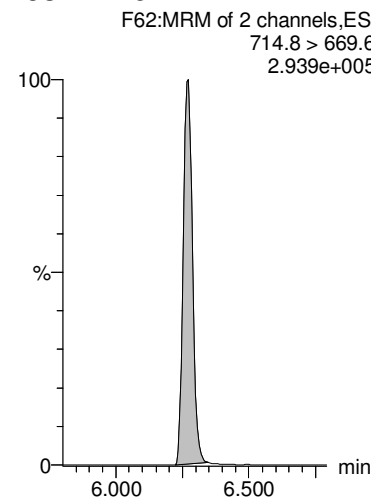
13C2-PFDaA



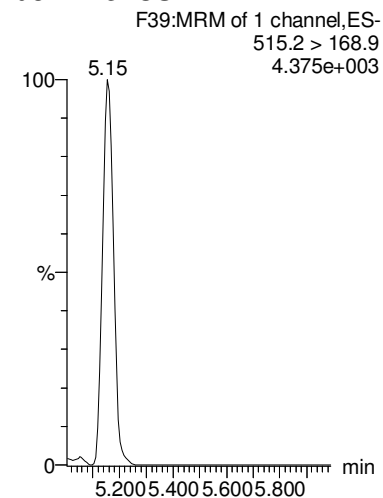
13C2-PFDaA



13C2-PFTeDA



d3-N-MeFOSA



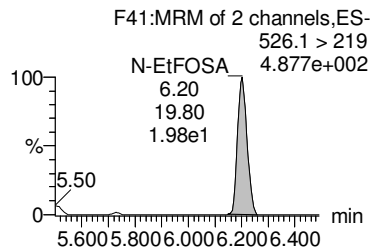
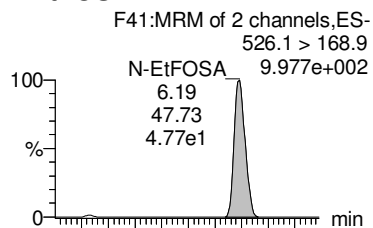
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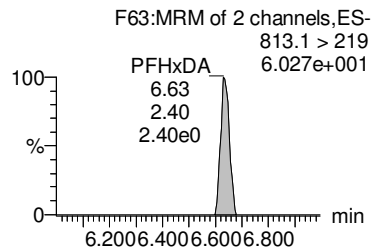
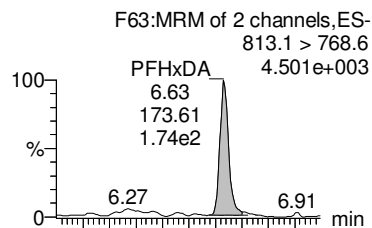
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Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

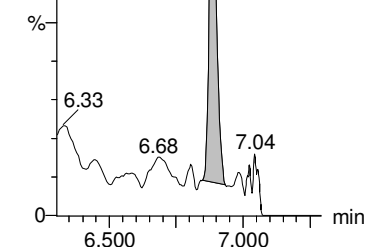
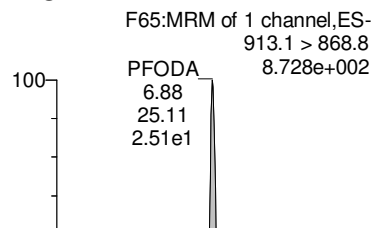
N-EtFOSE



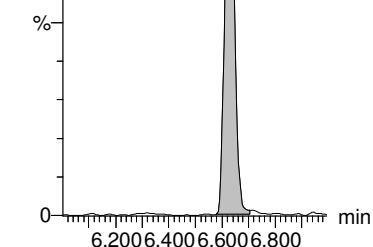
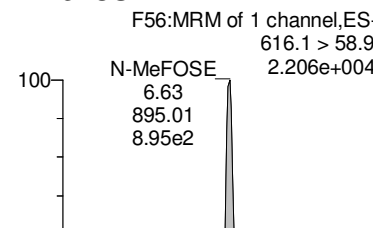
PFHxDA



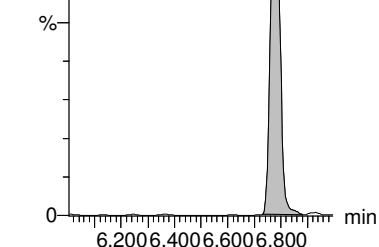
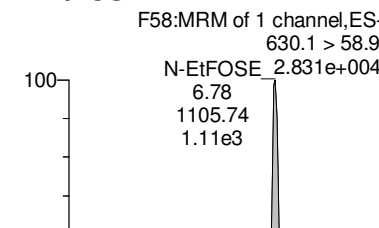
PFODA



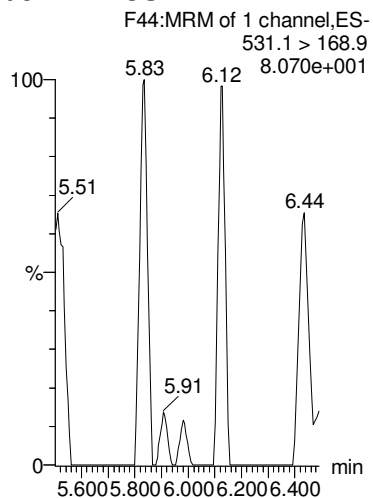
N-MeFOSE



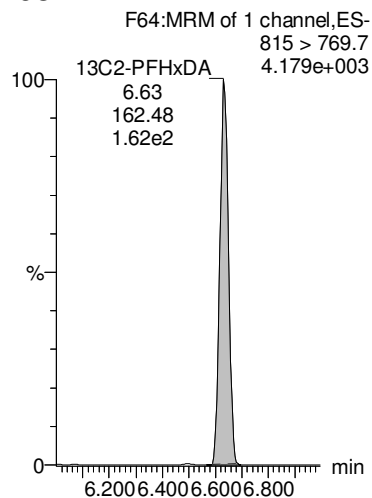
N-EtFOSE



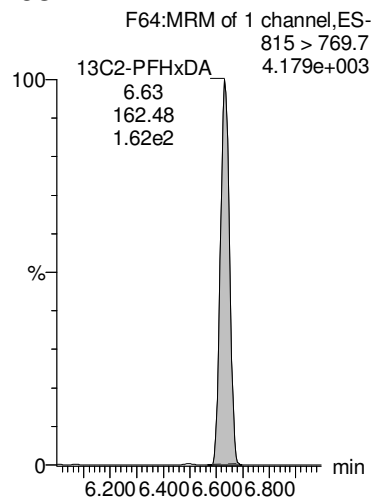
d5-N-ETFOSE



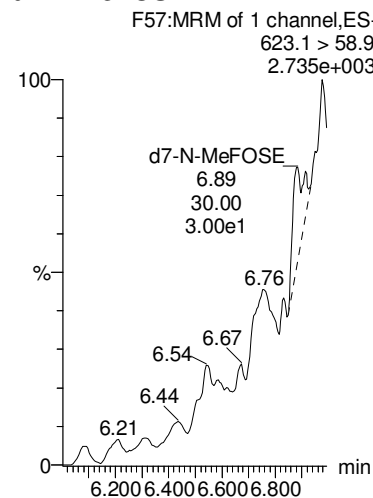
13C2-PFHxDA



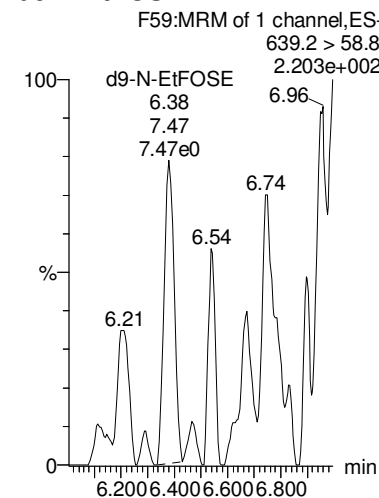
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE

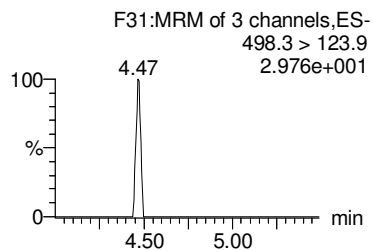
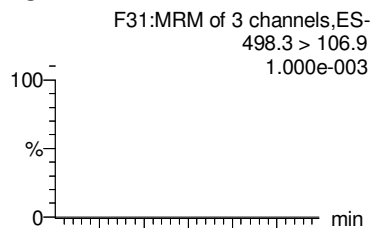


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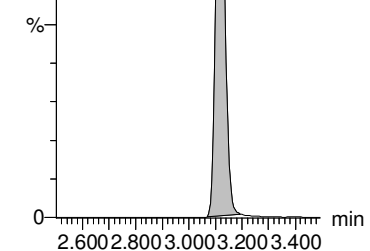
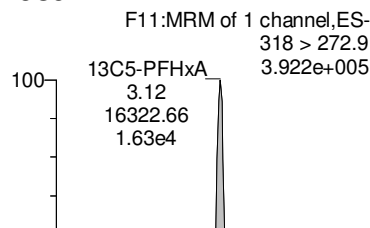
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Printed: Monday, October 22, 2018 18:21:22 Pacific Daylight Time

Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

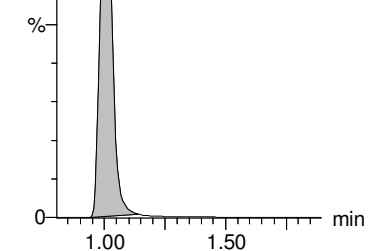
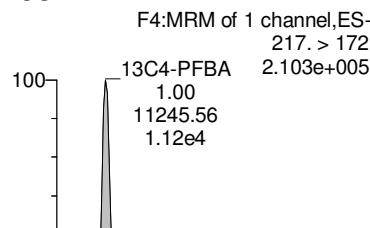
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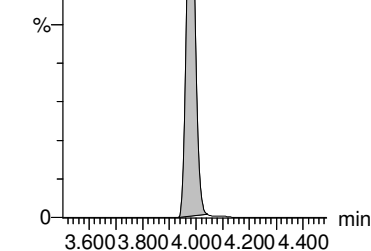
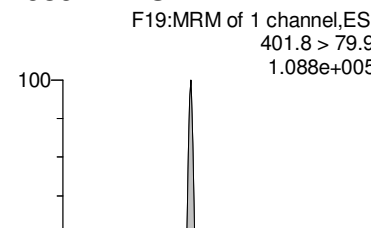
13C5-PFHxA



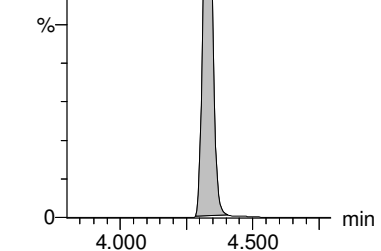
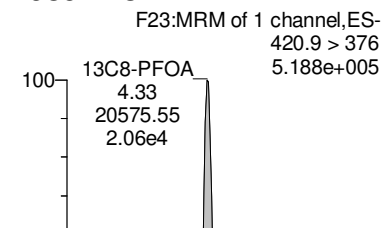
13C4-PFBA



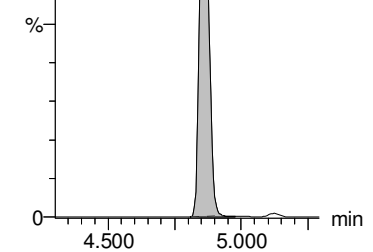
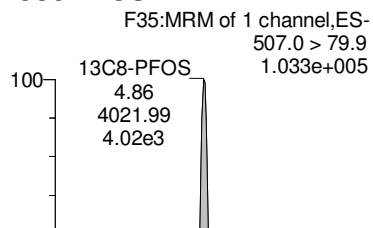
13C3-PFHxS



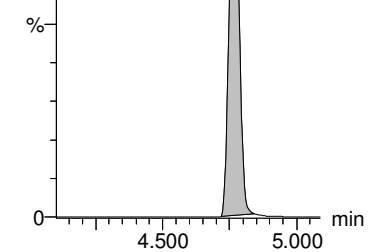
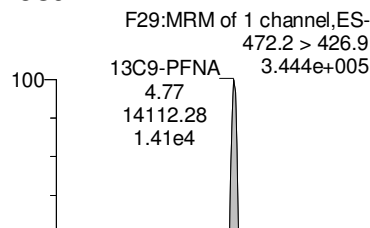
13C8-PFOA



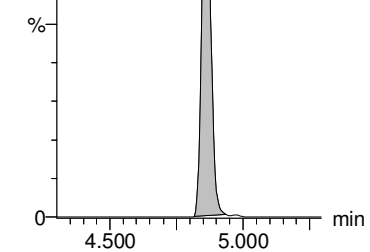
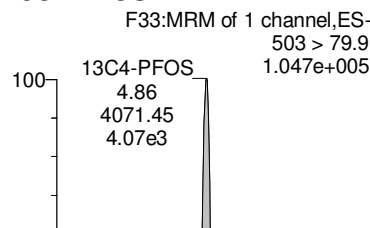
13C8-PFOS



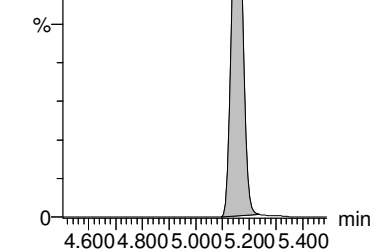
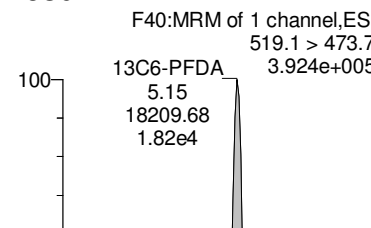
13C9-PFNA



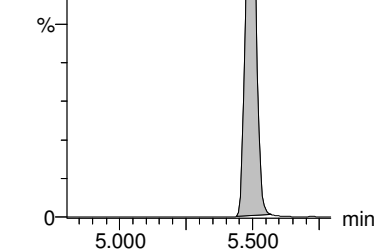
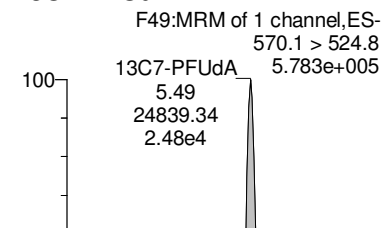
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

	# Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respon...	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	7.97e3	8.53e3	0.250	1.17	1.01	11.7	35.3013	88.3		
2	2 PFPeA	263.1 > 218.9	6.42e3	8.74e3	0.250	0.918	2.14	9.18	34.8571	87.1		
3	3 PFBS	299.0 > 79.7	2.71e3	1.99e3	0.250	1.71	2.52	17.1	32.9564	82.4	2.63	NO
4	4 4:2 FTS	327.2>307.2	3.68e3	3.96e3	0.250	1.16	3.03	11.6	38.7364	96.8	1.74	NO
5	5 PFHxA	313 > 269	9.84e3	5.03e3	0.250	0.978	3.12	9.78	34.9254	87.3	15.0	NO
6	36 13C3-PFBA	216.1 > 171.8	8.53e3	1.24e4	0.250	0.690	1.01	8.63	45.3211	90.6		
7	37 13C3-PFPeA	266. > 221.8	8.74e3	1.48e4	0.250	0.589	2.14	7.37	54.8941	109.8		
8	38 13C3-PFBS	302. > 98.8	1.99e3	4.07e3	0.250	0.488	2.52	6.10	45.4451	90.9		
9	39 13C2-4:2 FTS	329.2>308.9	3.96e3	4.07e3	0.250	0.974	3.03	12.2	41.2179	82.4		
10	40 13C2-PFHxA	315 > 270	5.03e3	1.48e4	0.250	0.848	3.12	4.24	18.7729	93.9		
11	-1											
12	6 PFPeS	349.1>80.1	2.57e3	1.99e3	0.250	1.62	3.36	16.2	35.8808	89.7	1.53	NO
13	7 PFHpA	363.0 > 318.9	6.09e3	6.34e3	0.250	1.20	3.82	12.0	34.9770	87.4	11.8	NO
14	8 L-PFHxS	398.9 > 79.6	2.44e3	1.77e3	0.250	1.73	3.98	17.3	33.7992	84.5	1.70	NO
15	68 Total PFHxS	398.9 > 79.6	2.44e3	1.77e3	0.250			17.3	33.7992			
16	10 6:2 FTS	427.1 > 407	4.91e3	4.21e3	0.250	1.46	4.27	14.6	38.0985	95.2	3.12	NO
17	38 13C3-PFBS	302. > 98.8	1.99e3	4.07e3	0.250	0.488	2.52	6.10	45.4451	90.9		
18	41 13C4-PFHpA	367.2 > 321.8	6.34e3	1.48e4	0.250	0.427	3.82	5.34	46.0735	92.1		
19	42 18O2-PFHxS	403.0 > 102.6	1.77e3	4.07e3	0.250	0.434	3.98	5.42	47.4823	95.0		
20	42 18O2-PFHxS	403.0 > 102.6	1.77e3	4.07e3	0.250	0.434	3.98	5.42	47.4823	95.0		
21	43 13C2-6:2 FTS	429.1 > 408.9	4.21e3	4.23e3	0.250	0.996	4.27	12.5	41.1348	82.3		
22	-1											
23	11 L-PFOA	412.8 > 368.9	1.21e4	1.15e4	0.250	1.32	4.33	13.2	34.4393	86.1	3.42	NO
24	69 Total PFOA	412.8 > 368.9	1.21e4	1.15e4	0.250			13.2	34.4393			
25	13 PFHpS	449 > 80.0	2.92e3	4.26e3	0.250	0.858	4.45	8.58	37.3346	93.3	1.92	NO
26	16 L-PFOS	498.9 > 79.9	3.40e3	4.26e3	0.250	0.999	4.86	9.99	34.9199	87.3	1.96	NO
27	70 Total PFOS	498.9 > 79.9	3.40e3	4.26e3	0.250			9.99	34.9199			
28	44 13C2-PFOA	414.9 > 369.7	1.15e4	1.91e4	0.250	0.601	4.33	7.51	42.1460	84.3		
29	44 13C2-PFOA	414.9 > 369.7	1.15e4	1.91e4	0.250	0.601	4.33	7.51	42.1460	84.3		
30	47 13C8-PFOS	507.0 > 79.9	4.26e3	4.23e3	0.250	1.01	4.86	12.6	49.3274	98.7		
31	47 13C8-PFOS	507.0 > 79.9	4.26e3	4.23e3	0.250	1.01	4.86	12.6	49.3274	98.7		
32	47 13C8-PFOS	507.0 > 79.9	4.26e3	4.23e3	0.250	1.01	4.86	12.6	49.3274	98.7		
33	-1											
34	14 PFNA	463.0 > 418.8	9.44e3	9.56e3	0.250	1.23	4.77	12.3	34.6227	86.6	4.15	NO
35	15 PFOSA	497.9 > 77.9	9.49e2	1.13e3	0.250	1.05	4.81	10.5	32.3483	80.9	37.2	YES
36	18 PFDA	513 > 468.8	1.05e4	9.21e3	0.250	1.42	5.15	14.2	36.7751	91.9	5.55	NO

AMR 10/22/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

#	Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respon...	Conc.	%Rec	Ion Ratio	Ratio Out?
37	19 8:2 FTS	527 > 506.9	3.93e3	3.20e3	0.250	1.53	5.12	15.3	38.7160	96.8	2.29	NO
38	20 PFNS	549.1 > 80.1	2.38e3	4.26e3	0.250	0.699	5.23	6.99	34.5140	86.3	1.61	NO
39	45 13C5-PFNA	468.2 > 422.9	9.56e3	1.32e4	0.250	0.724	4.77	9.06	38.6435	77.3		
40	46 13C8-PFOSA	506.1 > 77.7	1.13e3	2.25e4	0.250	0.0503	4.81	0.628	14.5002	29.0		
41	48 13C2-PFDA	515.1 > 469.9	9.21e3	1.68e4	0.250	0.547	5.15	6.84	33.4336	66.9		
42	49 13C2-8:2 FTS	529.1 > 508.7	3.20e3	4.23e3	0.250	0.758	5.12	9.47	40.7124	81.4		
43	47 13C8-PFOS	507.0 > 79.9	4.26e3	4.23e3	0.250	1.01	4.86	12.6	49.3274	98.7		
44	-1											
45	21 L-MeFOSAA	570 > 419	5.28e3	3.42e3	0.250	1.93	5.32	19.3	32.8855	82.2	2.51	NO
46	71 Total N-MeFOSAA	570. > 419	5.28e3	3.42e3	0.250			19.3	32.8855			
47	23 L-EtFOSAA	584.1 > 419	4.53e3	4.99e3	0.250	1.14	5.48	11.4	31.0235	77.6	1.43	NO
48	72 Total N-EtFOSAA	584.1 > 419	4.53e3	4.99e3	0.250			11.4	31.0235			
49	25 PFUdA	563.0 > 518.9	9.82e3	1.32e4	0.250	0.927	5.49	9.27	35.1026	87.8	9.34	NO
50	50 d3-N-MeFOSAA	573.3 > 419	3.42e3	2.25e4	0.250	0.152	5.31	1.91	47.6265	95.3		
51	50 d3-N-MeFOSAA	573.3 > 419	3.42e3	2.25e4	0.250	0.152	5.31	1.91	47.6265	95.3		
52	52 d5-N-EtFOSAA	589.3 > 419	4.99e3	2.25e4	0.250	0.222	5.47	2.77	53.2428	106.5		
53	52 d5-N-EtFOSAA	589.3 > 419	4.99e3	2.25e4	0.250	0.222	5.47	2.77	53.2428	106.5		
54	51 13C2-PFUdA	565 > 519.8	1.32e4	2.25e4	0.250	0.590	5.49	7.37	31.4895	63.0		
55	-1											
56	26 PFDS	598.8 > 79.9	3.01e3	4.26e3	0.250	0.885	5.55	8.85	33.2120	83.0	1.83	NO
57	27 PFDoA	612.9 > 569.0	1.46e4	1.55e4	0.250	1.18	5.79	11.8	34.6514	86.6	8.19	NO
58	29 PFTTrDA	662.9 > 618.9	1.78e4	1.55e4	0.250	1.43	6.04	14.3	40.1141	100.3	23.5	NO
59	30 PFTeDA	712.8 > 669.0	1.77e4	1.09e4	0.250	2.04	6.27	20.4	36.6144	91.5	14.9	NO
60	28 N-MeFOSA	512.1 > 168.9	6.59e1		0.250	0.000	5.64				1.41	NO
61	47 13C8-PFOS	507.0 > 79.9	4.26e3	4.23e3	0.250	1.01	4.86	12.6	49.3274	98.7		
62	53 13C2-PFDoA	615.0 > 569.7	1.55e4	1.68e4	0.250	0.921	5.78	11.5	47.4816	95.0		
63	53 13C2-PFDoA	615.0 > 569.7	1.55e4	1.68e4	0.250	0.921	5.78	11.5	47.4816	95.0		
64	55 13C2-PFTeDA	714.8 > 669.6	1.09e4	2.25e4	0.250	0.484	6.27	6.05	47.6087	95.2		
65	54 d3-N-MeFOSA	515.2 > 168.9		2.25e4	0.250							
66	-1											
67	31 N-EtFOSA	526.1 > 168.9	1.12e2		0.250	0.000	6.19				1.96	NO
68	32 PFHxDA	813.1 > 768.6	3.15e3	3.27e3	0.250	0.482	6.63	4.82	36.6934	91.7	18.2	NO
69	33 PFODA	913.1 > 868.8	1.25e2	3.27e3	0.250	0.0191	6.89	0.191	0.7562	1.9		
70	34 N-MeFOSE	616.1 > 58.9	1.36e3		0.250	0.000	6.63					
71	35 N-EtFOSE	630.1 > 58.9	1.63e3		0.250	0.000	6.77					
72	56 d5-N-ETFOSA	531.1 > 168.9		2.25e4	0.250							

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

	# Name	Trace	Area	IS Area	wt/vol	RRF	RT	Respon...	Conc.	%Rec	Ion Ratio	Ratio Out?
73	57 13C2-PFHxDA	815 > 769.7	3.27e3	2.25e4	0.250	0.364	6.63	1.82	9.3551	46.8		
74	57 13C2-PFHxDA	815 > 769.7	3.27e3	2.25e4	0.250	0.364	6.63	1.82	9.3551	46.8		
75	58 d7-N-MeFOSE	623.1 > 58.9		2.25e4	0.250							
76	59 d9-N-EtFOSE	639.2 > 58.8		2.25e4	0.250							
77	-1											
78	73 TCDA	498.3>106.9			0.250							
79	61 13C5-PFHxA	318 > 272.9	1.48e4	1.48e4	0.250	1.00	3.12	12.5	50.0000	100.0		
80	60 13C4-PFBA	217. > 172	1.24e4	1.24e4	0.250	1.00	1.01	12.5	50.0000	100.0		
81	62 13C3-PFHxS	401.8 > 79.9	4.07e3	4.07e3	0.250	1.00	3.98	12.5	50.0000	100.0		
82	63 13C8-PFOA	420.9 > 376	1.91e4	1.91e4	0.250	1.00	4.33	12.5	50.0000	100.0		
83	47 13C8-PFOS	507.0 > 79.9	4.26e3	4.23e3	0.250	1.01	4.86	12.6	49.3274	98.7		
84	64 13C9-PFNA	472.2 > 426.9	1.32e4	1.32e4	0.250	1.00	4.77	12.5	50.0000	100.0		
85	65 13C4-PFOS	503 > 79.9	4.23e3	4.23e3	0.250	1.00	4.86	12.5	50.0000	100.0		
86	66 13C6-PFDA	519.1 > 473.7	1.68e4	1.68e4	0.250	1.00	5.15	12.5	50.0000	100.0		
87	67 13C7-PFUdA	570.1 > 524.8	2.25e4	2.25e4	0.250	1.00	5.49	12.5	50.0000	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

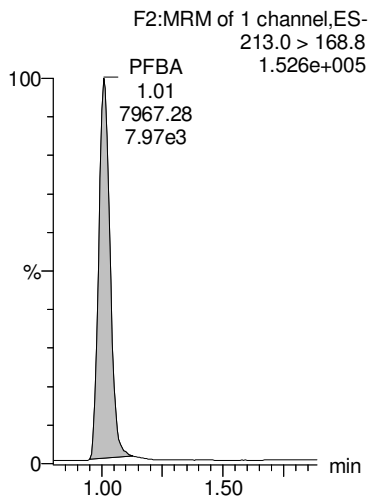
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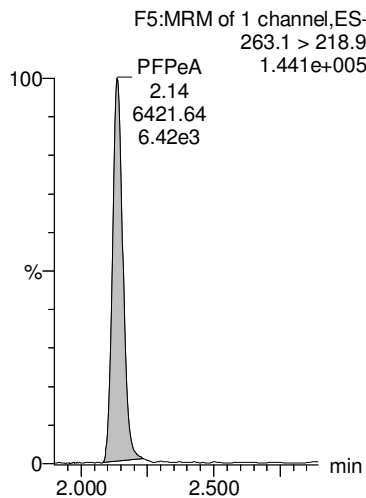
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Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

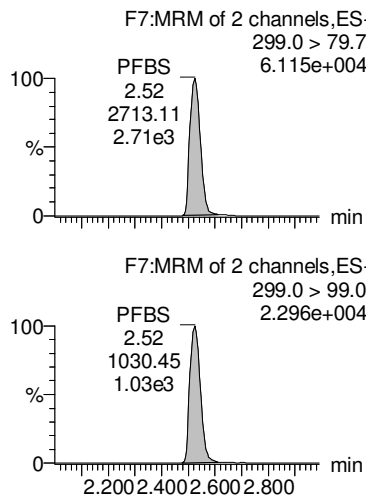
PFBA



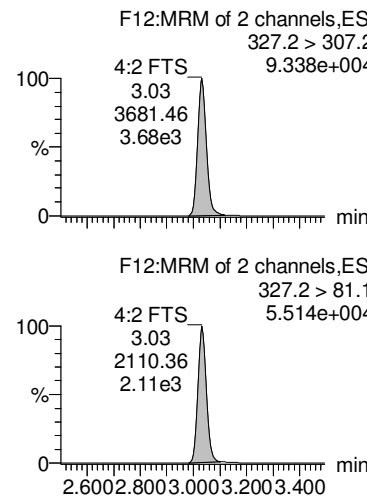
PFPeA



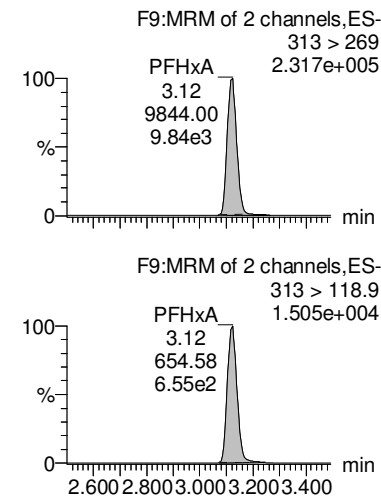
PFBS



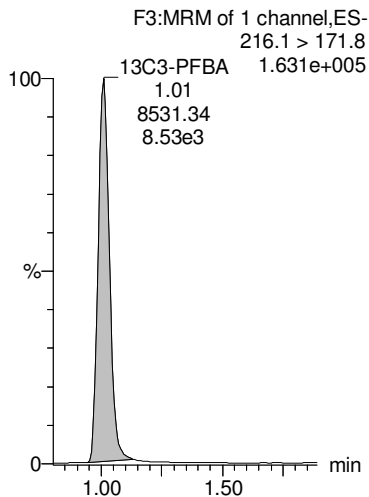
4:2 FTS



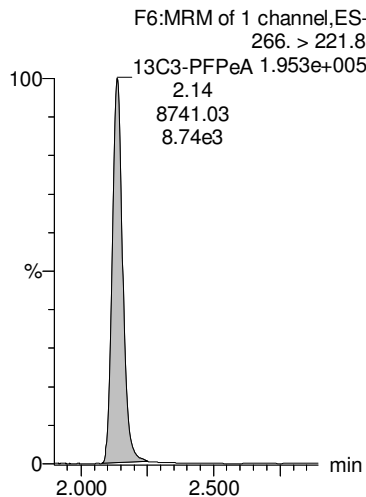
PFHxA



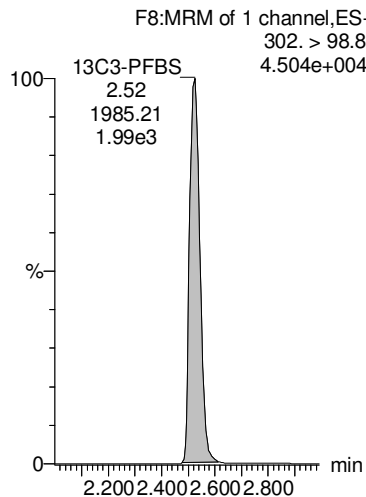
13C3-PFBA



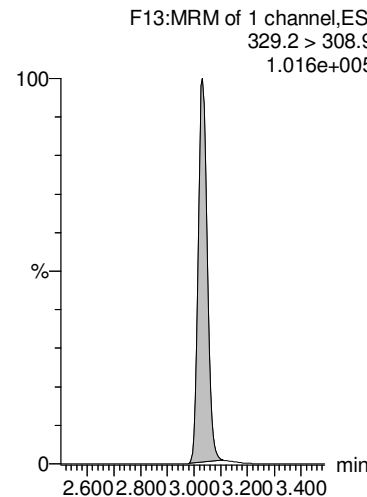
13C3-PFPeA



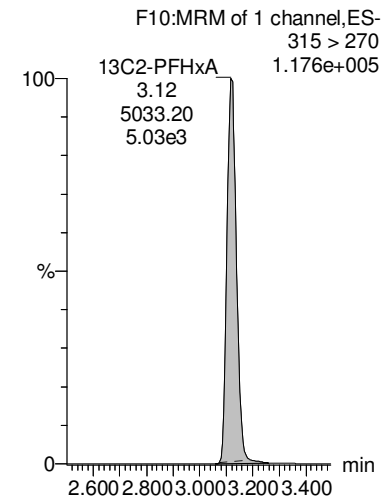
13C3-PFBS



13C2-4:2 FTS



13C2-PFHxA



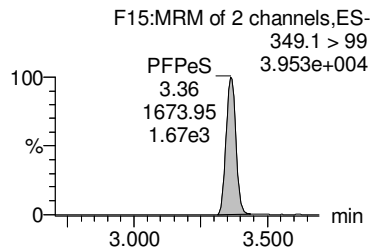
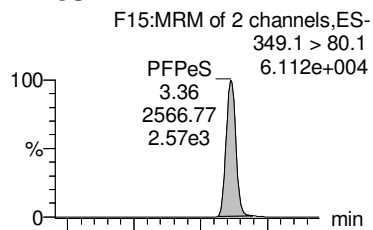
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Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

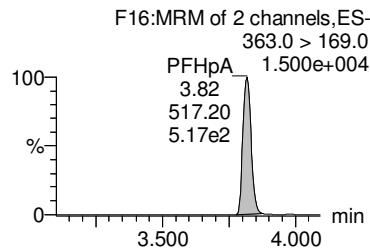
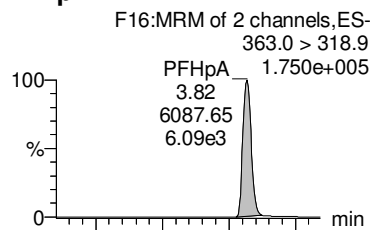
Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

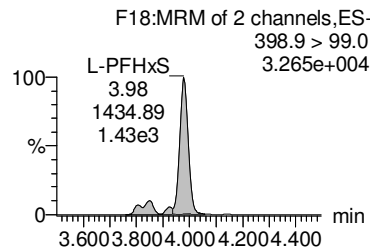
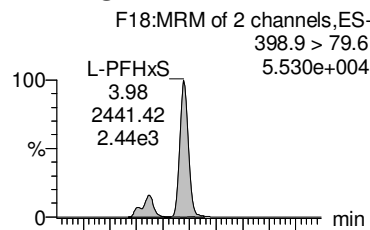
PFPeS



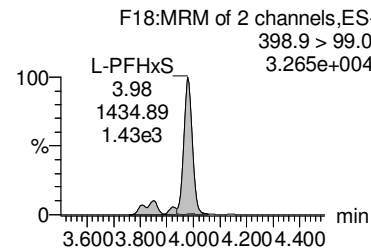
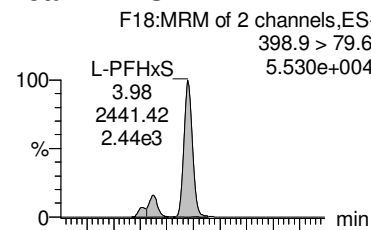
PFHpA



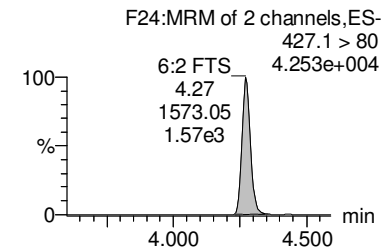
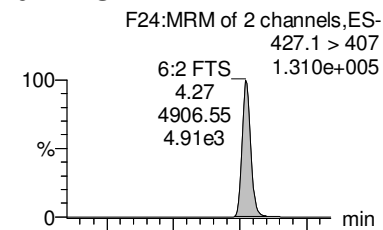
L-PFHxS



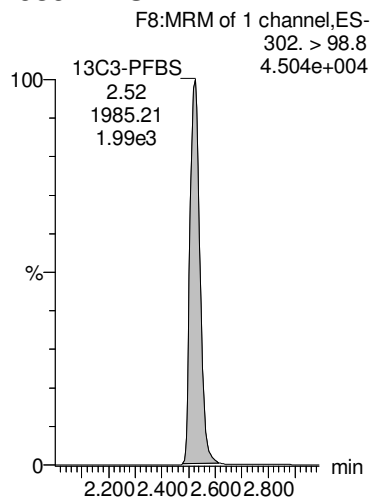
Total PFHxS



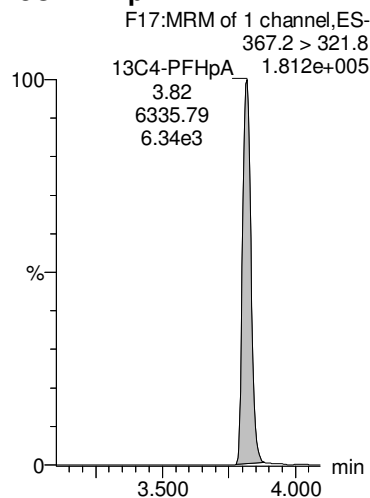
6:2 FTS



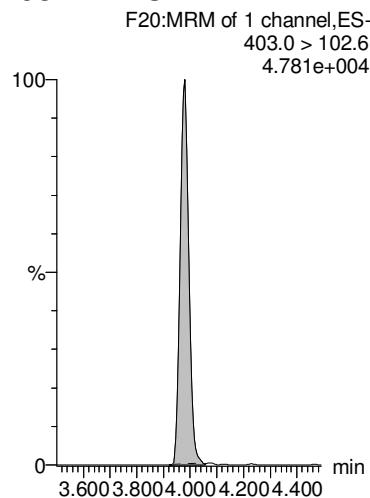
13C3-PFBS



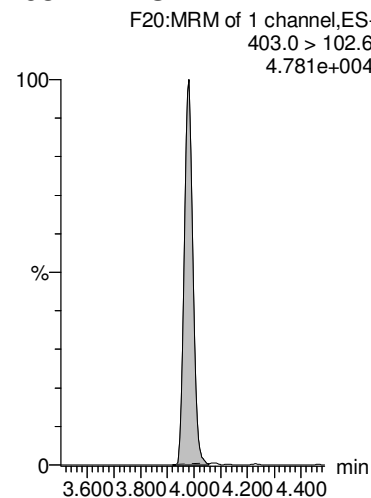
13C4-PFHpA



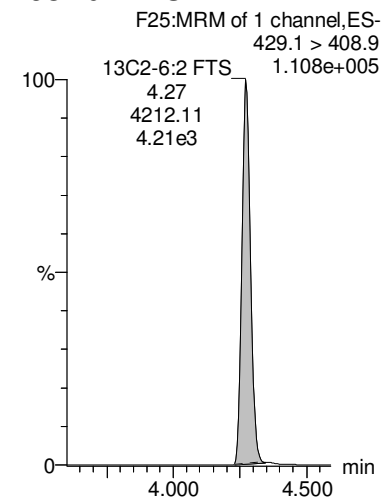
18O2-PFHxS



18O2-PFHxS



13C2-6:2 FTS



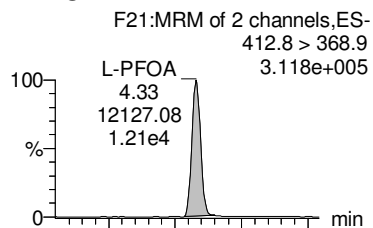
Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

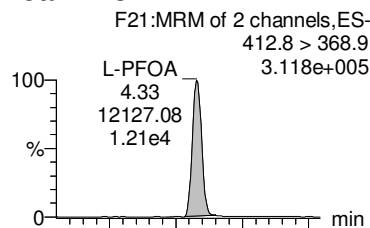
Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

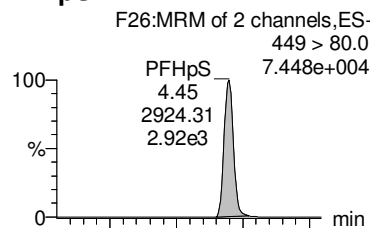
L-PFOA



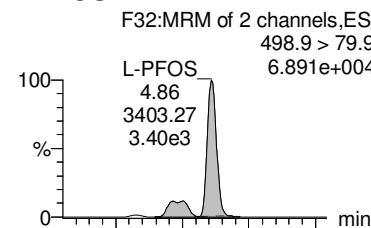
Total PFOA



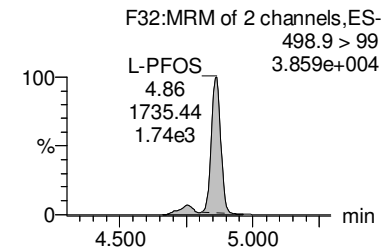
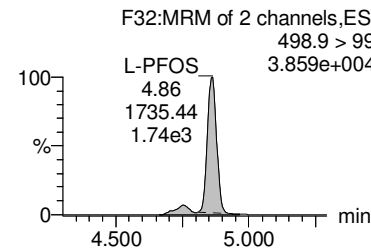
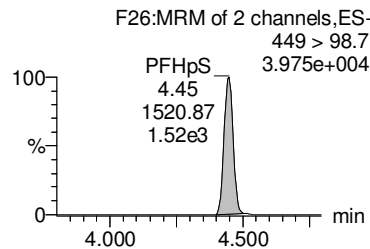
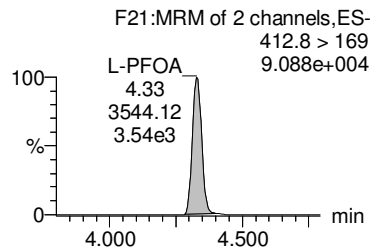
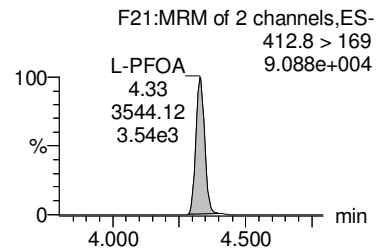
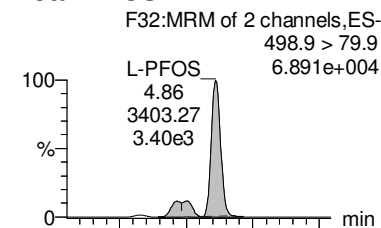
PFHpS



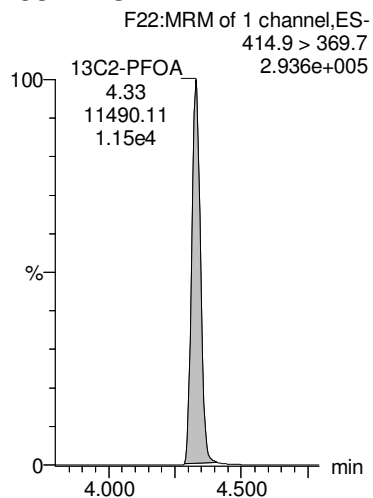
L-PFOS



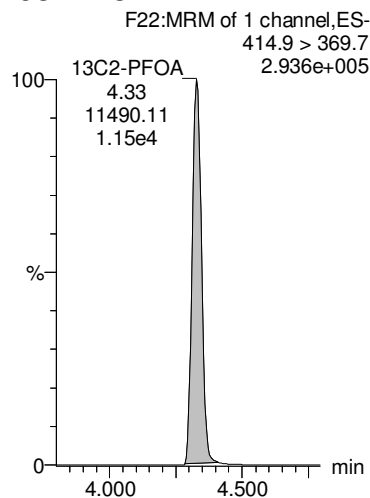
Total PFOS



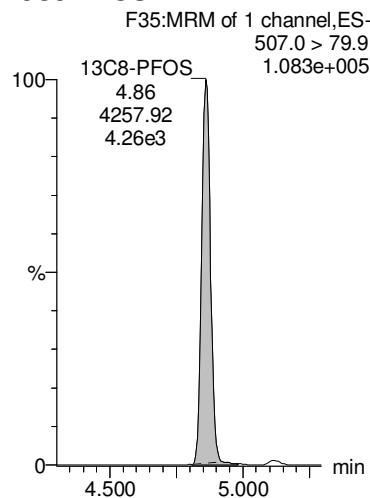
13C2-PFOA



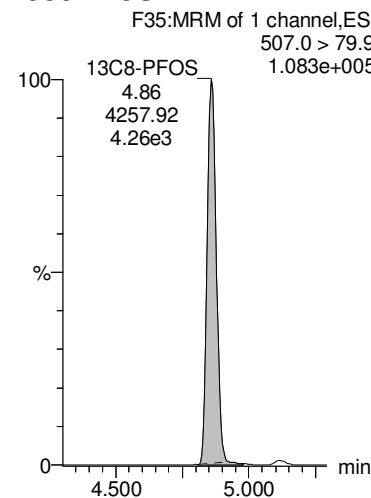
13C2-PFOA



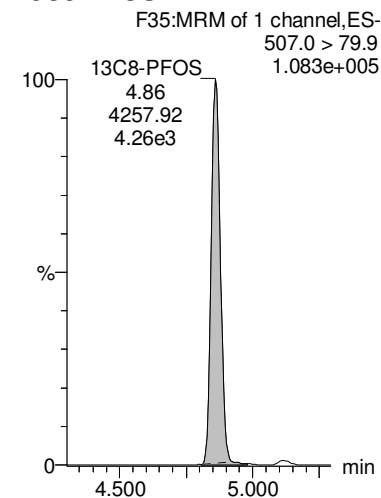
13C8-PFOS



13C8-PFOS



13C8-PFOS



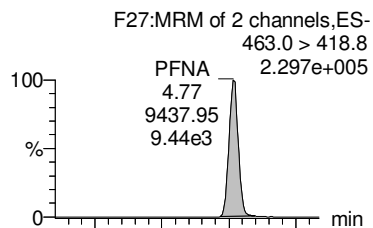
Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

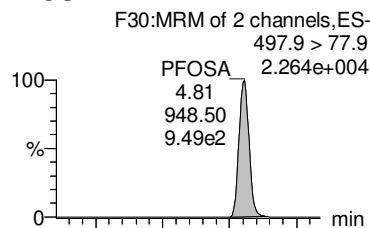
Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

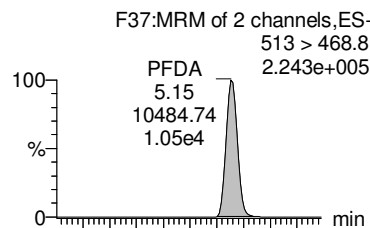
PFNA



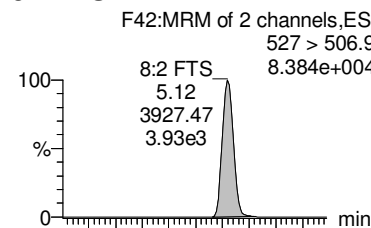
PFOSA



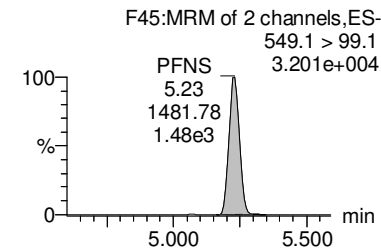
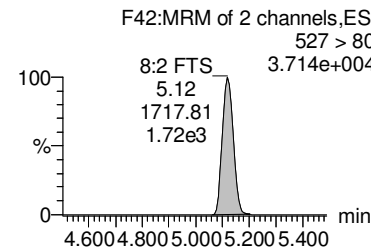
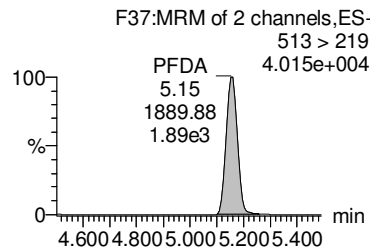
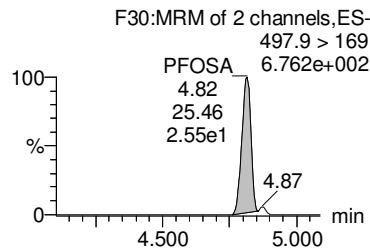
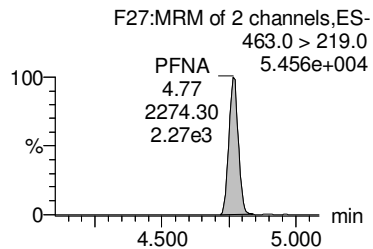
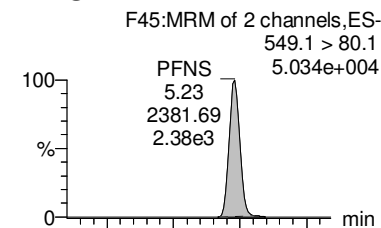
PFDA



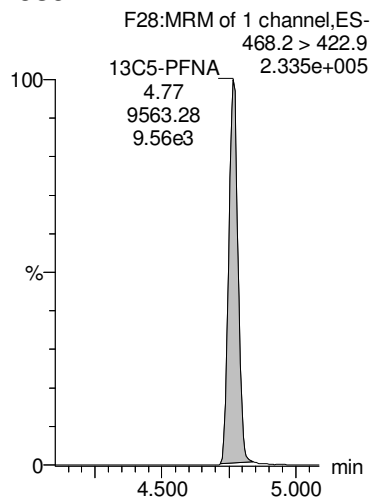
8:2 FTS



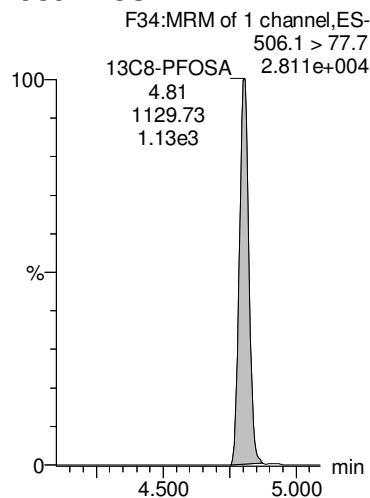
PFNS



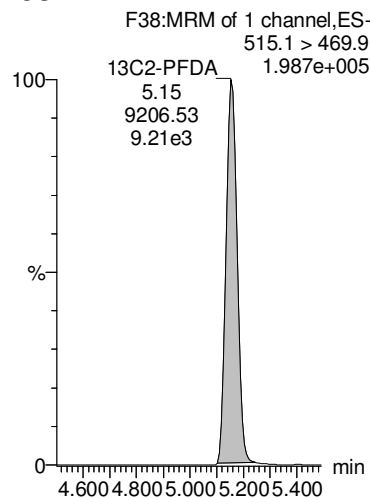
13C5-PFNA



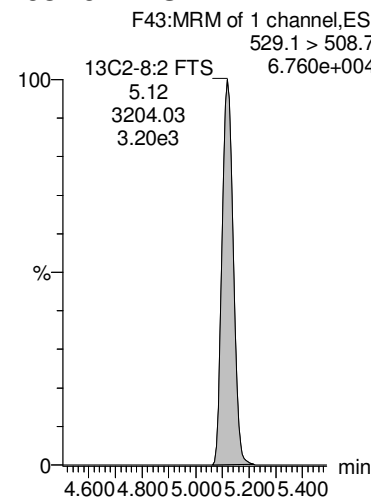
13C8-PFOSA



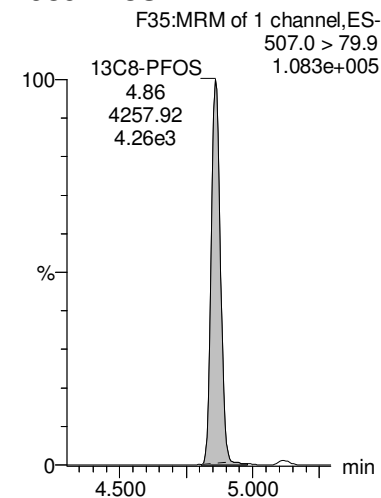
13C2-PFDA



13C2-8:2 FTS



13C8-PFOS

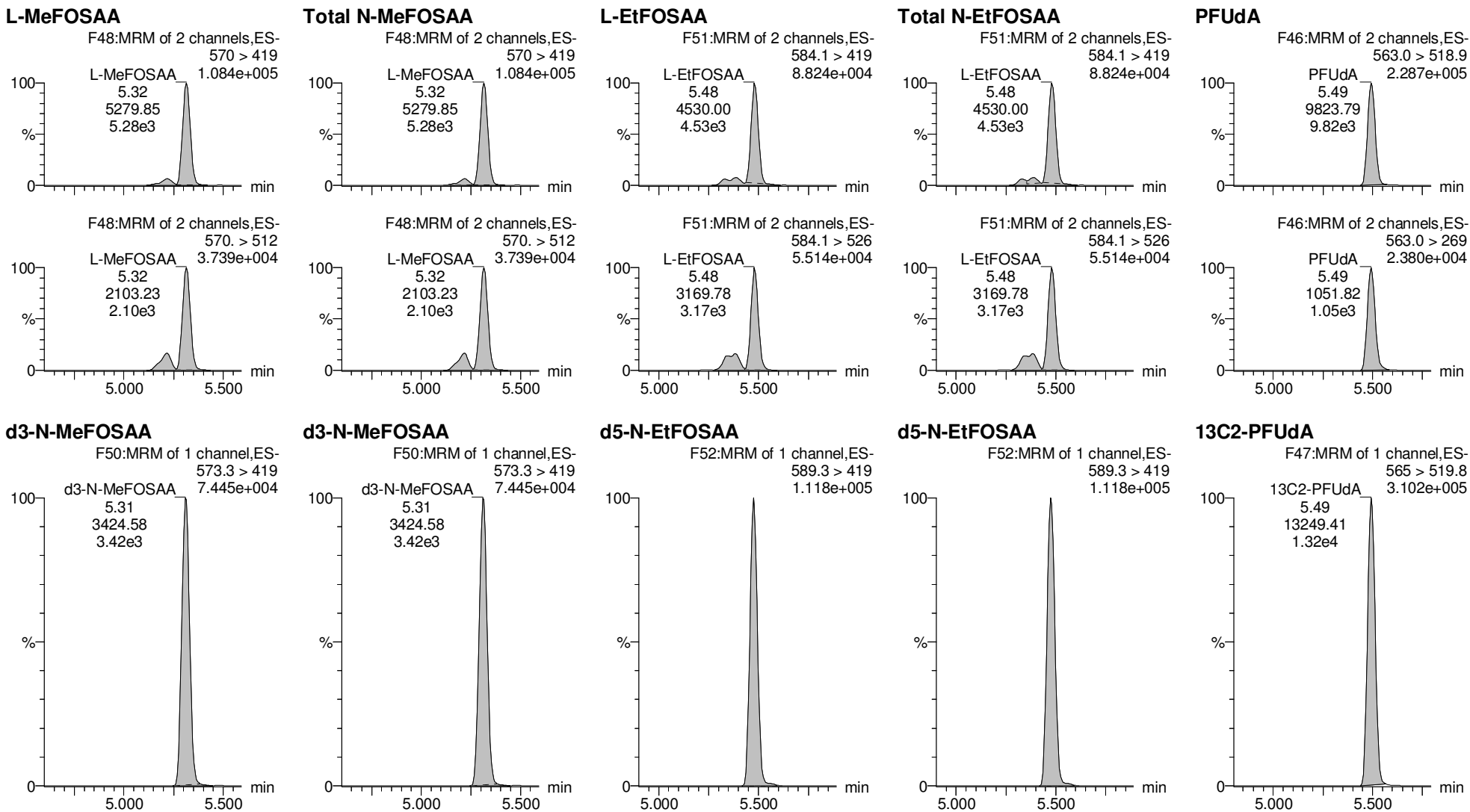


Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD



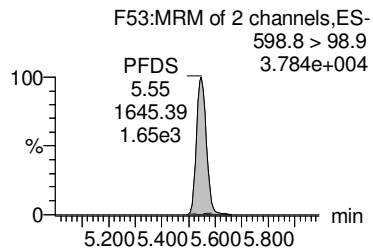
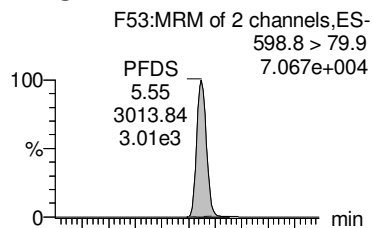
Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

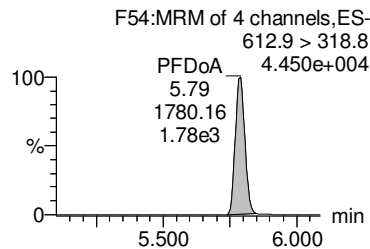
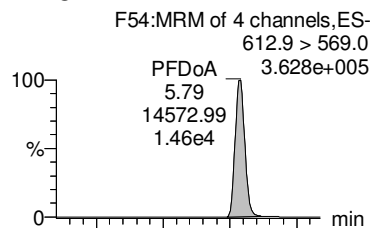
Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

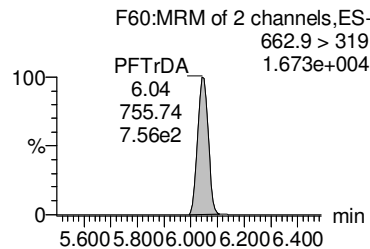
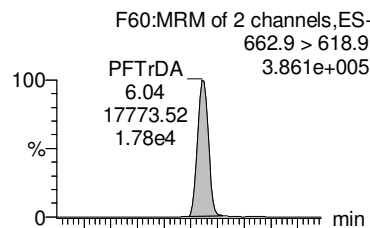
PFDS



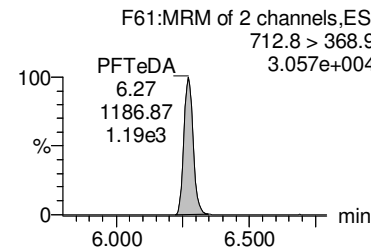
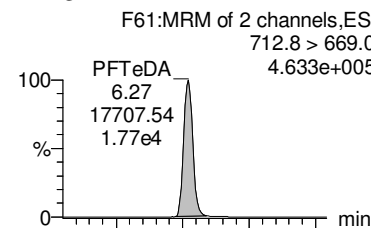
PFDoA



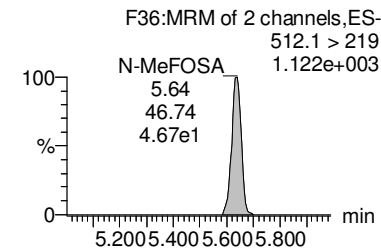
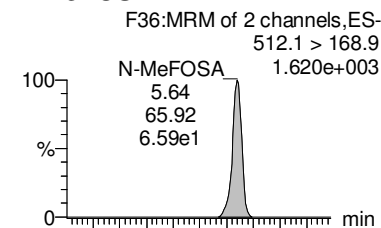
PFTrDA



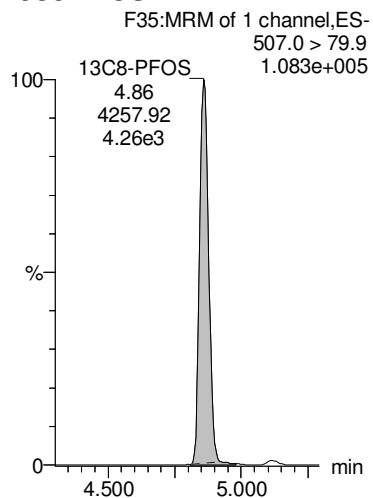
PFTeDA



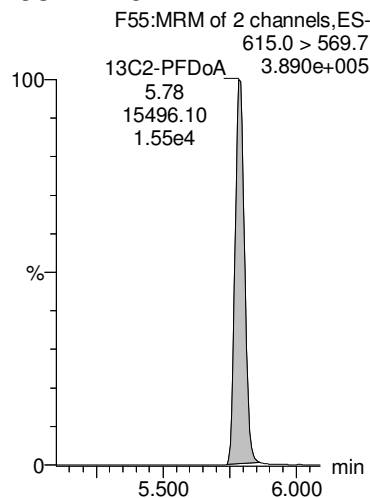
N-MeFOSA



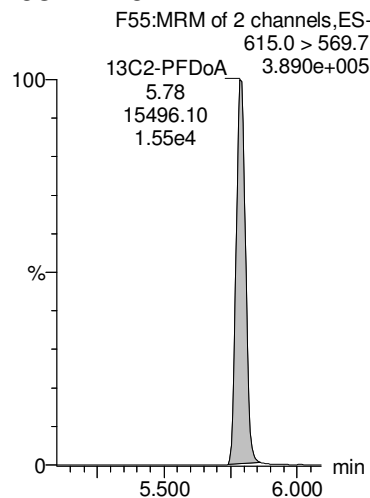
13C8-PFOS



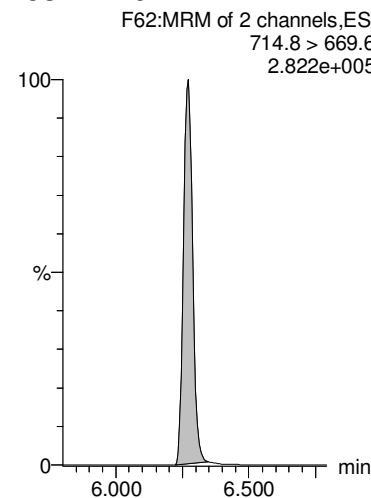
13C2-PFDoA



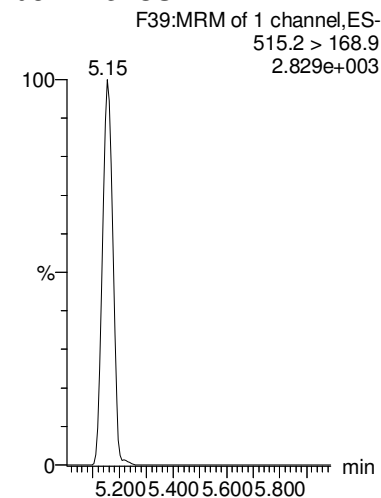
13C2-PFDoA



13C2-PFTeDA



d3-N-MeFOSA



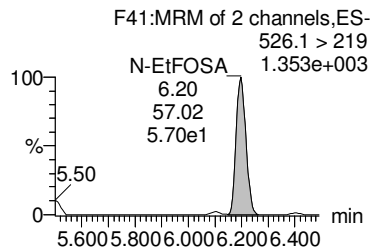
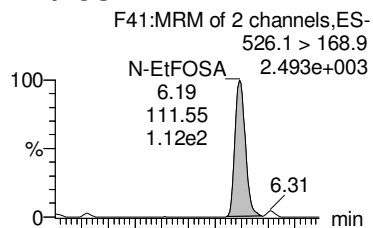
Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-9.qld

Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

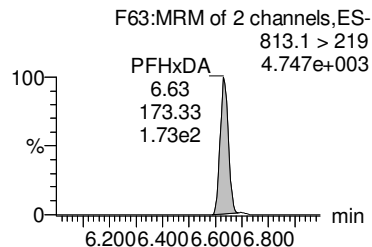
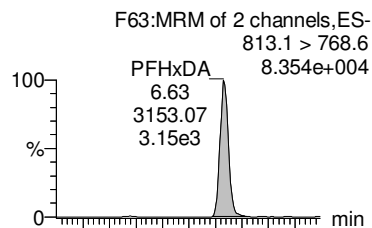
Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

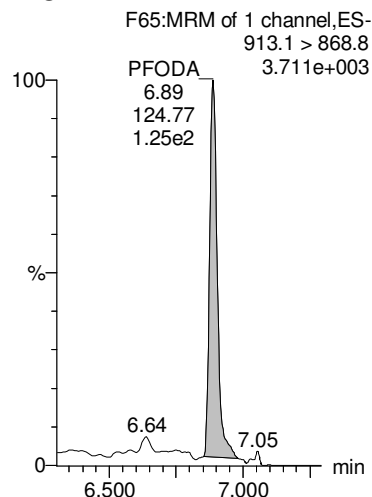
N-EtFOSA



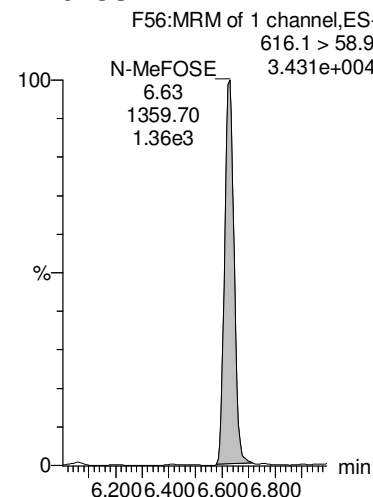
PFHxDA



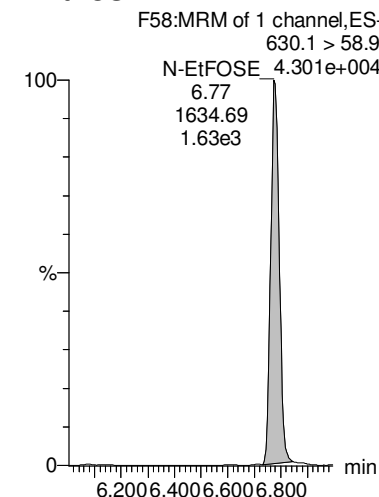
PFODA



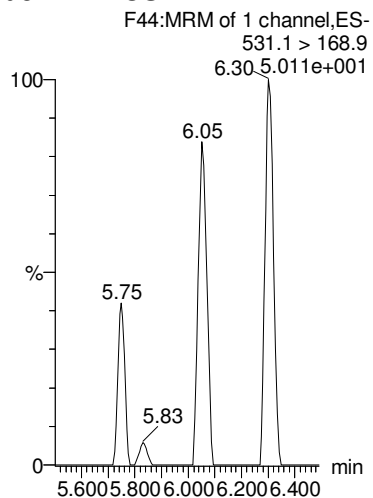
N-MeFOSE



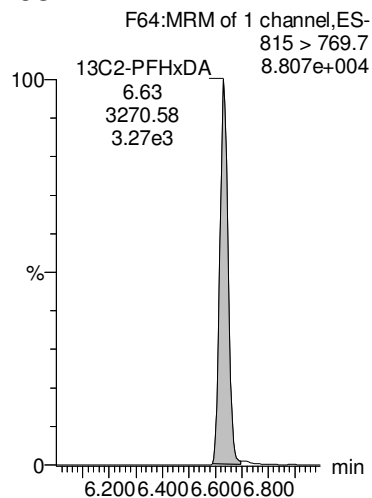
N-EtFOSE



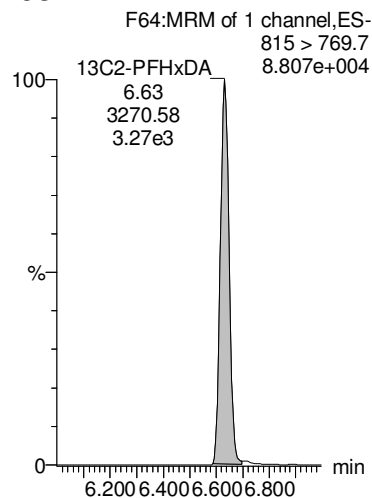
d5-N-ETFOSA



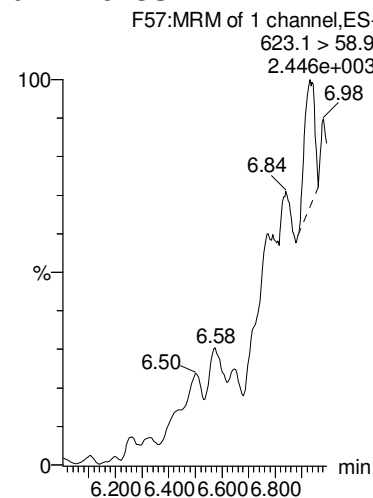
13C2-PFHxDA



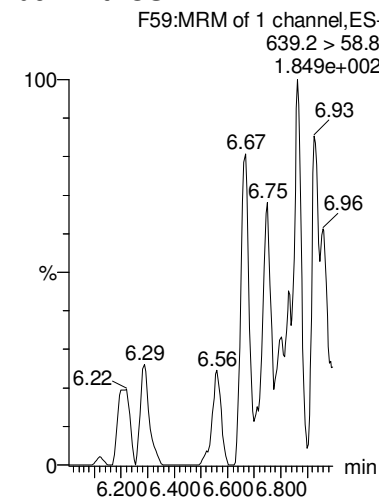
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



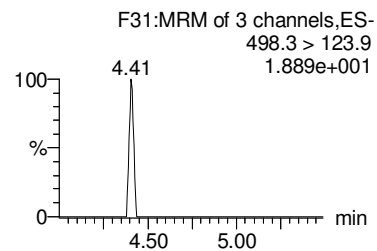
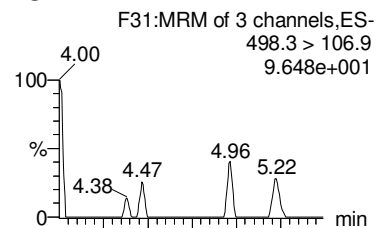
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Last Altered: Monday, October 22, 2018 18:30:57 Pacific Daylight Time

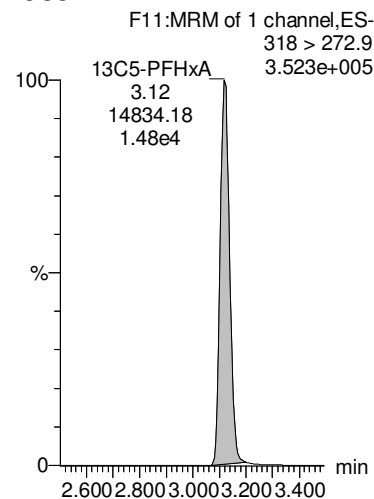
Printed: Monday, October 22, 2018 18:31:28 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

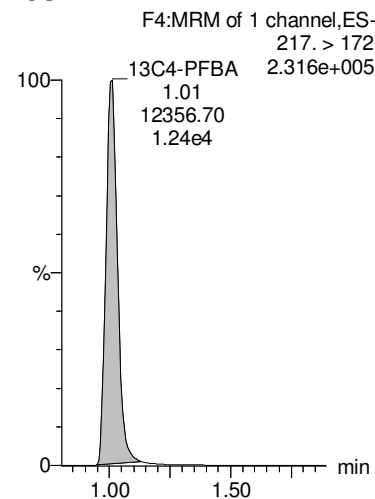
TCDA



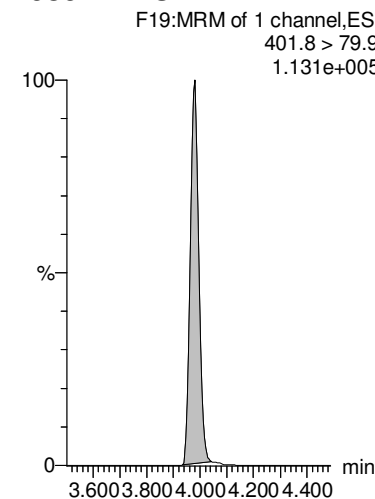
13C5-PFHxA



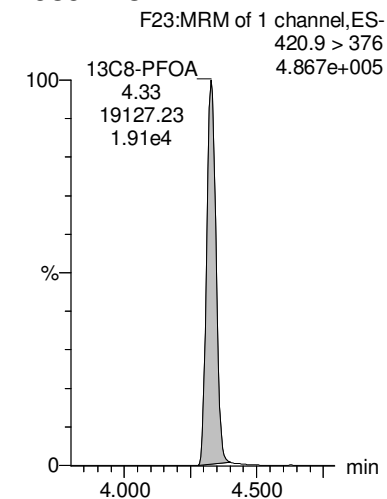
13C4-PFBA



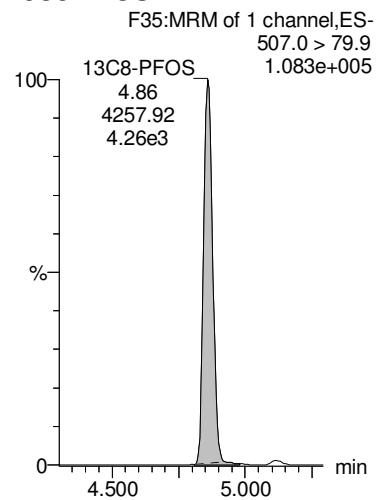
13C3-PFHxA



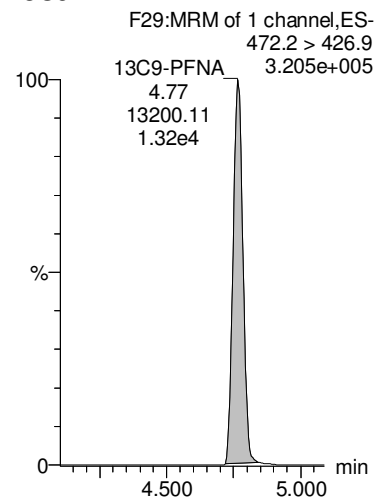
13C8-PFOA



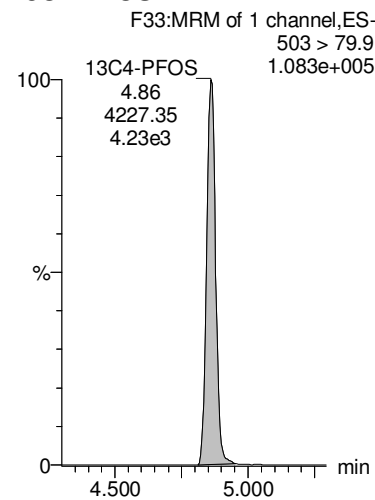
13C8-PFOS



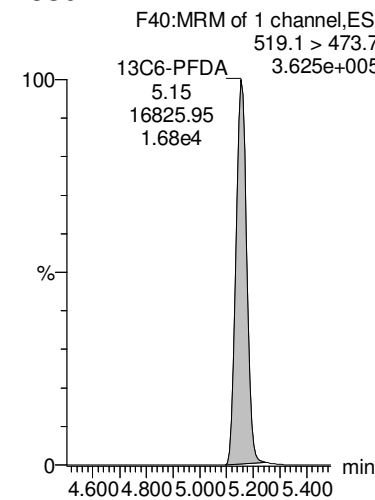
13C9-PFNA



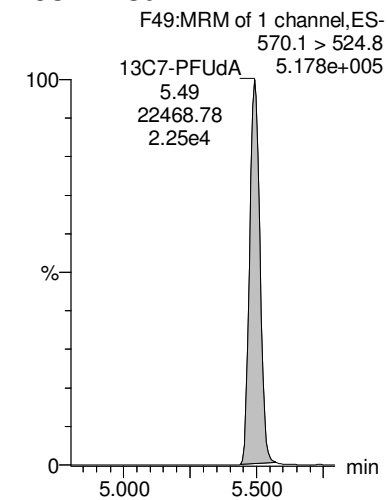
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-10.qld

Last Altered: Monday, October 22, 2018 19:03:20 Pacific Daylight Time

Printed: Monday, October 22, 2018 19:03:57 Pacific Daylight Time

Name: 181020M3_10, Date: 20-Oct-2018, Time: 13:43:13, ID: 1803286-01 OC-RW03B-1018 0.12015, Description: OC-RW03B-1018

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3 PFBS	299.0 > 79.7	3.16e2	1.97e3	0.120	0.000	2.52	2.52	2.01	8.0010		2.182	NO
2	7 PFHpA	363.0 > 318.9	8.64e2	5.79e3	0.120	0.000	3.82	3.82	1.87	10.9838		12.816	NO
3	8 L-PFHxS	398.9 > 79.6	8.47e2	1.76e3	0.120	0.000	3.97	3.98	6.02	24.6305		1.894	NO
4	68 Total PFHxS	398.9 > 79.6	8.47e2	1.76e3	0.120		4.05		6.02	24.6305			
5	38 13C3-PFBS	302. > 98.8	1.97e3	4.25e3	0.120	0.464	2.55	2.52	5.80	89.8606	86.4		
6	41 13C4-PFHpA	367.2 > 321.8	5.79e3	1.41e4	0.120	0.409	3.84	3.82	5.12	91.8600	88.3		
7	42 18O2-PFHxS	403.0 > 102.6	1.76e3	4.25e3	0.120	0.414	4.01	3.98	5.18	94.2743	90.6		
8	42 18O2-PFHxS	403.0 > 102.6	1.76e3	4.25e3	0.120	0.414	4.01	3.98	5.18	94.2743	90.6		
9	-1												
10	11 L-PFOA	412.8 > 368.9	4.15e3	1.08e4	0.120	0.000	4.36	4.33	4.82	25.7765		3.585	NO
11	69 Total PFOA	412.8 > 368.9	4.15e3	1.08e4	0.120		4.00		4.82	25.7765			
12	16 L-PFOS	498.9 > 79.9	2.99e2	4.21e3	0.120	0.000	4.89	4.86	0.887	6.2270		2.886	YES
13	70 Total PFOS	498.9 > 79.9	2.99e2	4.21e3	0.120		4.60		0.887	6.2270			
14	44 13C2-PFOA	414.9 > 369.7	1.08e4	1.82e4	0.120	0.590	4.35	4.33	7.38	86.1755	82.8		
15	44 13C2-PFOA	414.9 > 369.7	1.08e4	1.82e4	0.120	0.590	4.35	4.33	7.38	86.1755	82.8		
16	47 13C8-PFOS	507.0 > 79.9	4.21e3	4.28e3	0.120	0.984	4.89	4.86	12.3	100.2283	96.3		
17	47 13C8-PFOS	507.0 > 79.9	4.21e3	4.28e3	0.120	0.984	4.89	4.86	12.3	100.2283	96.3		
18	-1												
19	14 PFNA	463.0 > 418.8	3.85e2	1.03e4	0.120	0.000	4.79	4.77	0.469	2.2827		5.762	NO
20	73 TCDA	498.3>106.9			0.120		5.15						
21	61 13C5-PFHxA	318 > 272.9	1.41e4	1.41e4	0.120	1.00	3.14	3.12	12.5	104.0366	100.0		
22	63 13C8-PFOA	420.9 > 376	1.82e4	1.82e4	0.120	1.00	4.35	4.33	12.5	104.0366	100.0		
23	45 13C5-PFNA	468.2 > 422.9	1.03e4	1.34e4	0.120	0.764	4.79	4.77	9.55	84.7685	81.5		
24	47 13C8-PFOS	507.0 > 79.9	4.21e3	4.28e3	0.120	0.984	4.89	4.86	12.3	100.2283	96.3		
25	64 13C9-PFNA	472.2 > 426.9	1.34e4	1.34e4	0.120	1.00	4.79	4.77	12.5	104.0366	100.0		
26	62 13C3-PFHxS	401.8 > 79.9	4.25e3	4.25e3	0.120	1.00	4.01	3.98	12.5	104.0366	100.0		
27	65 13C4-PFOS	503 > 79.9	4.28e3	4.28e3	0.120	1.00	4.89	4.86	12.5	104.0366	100.0		

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-10.qld

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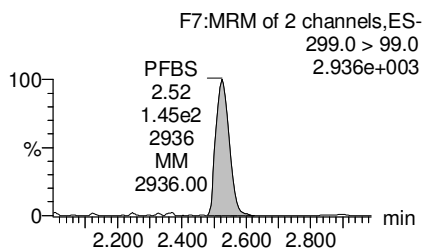
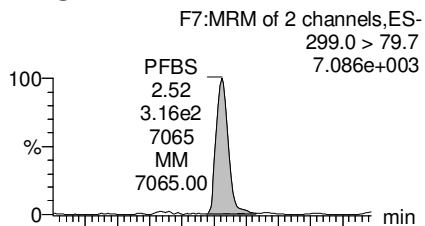
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102018.mdb 20 Oct 2018 15:49:54

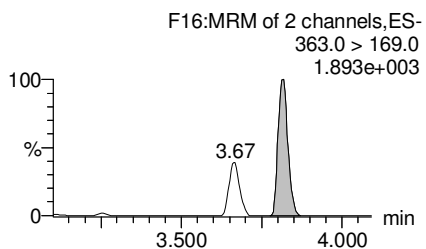
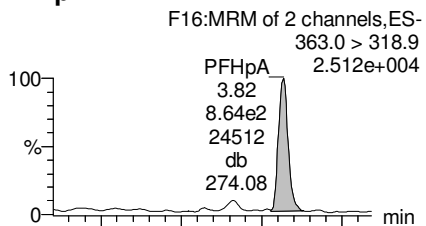
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Name: 181020M3_10, Date: 20-Oct-2018, Time: 13:43:13, ID: 1803286-01 OC-RW03B-1018 0.12015, Description: OC-RW03B-1018

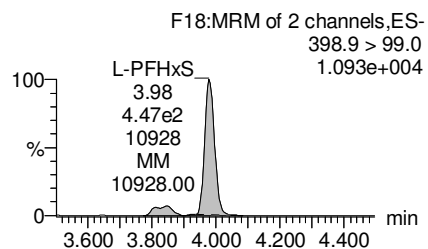
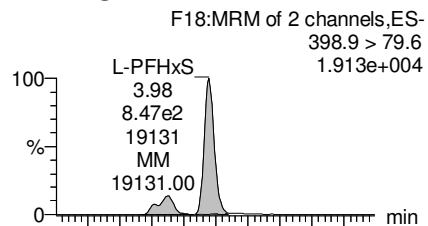
PFBS



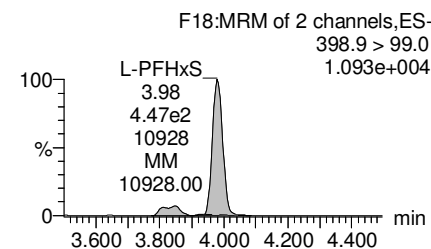
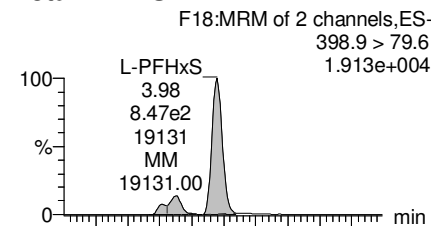
PFHpA



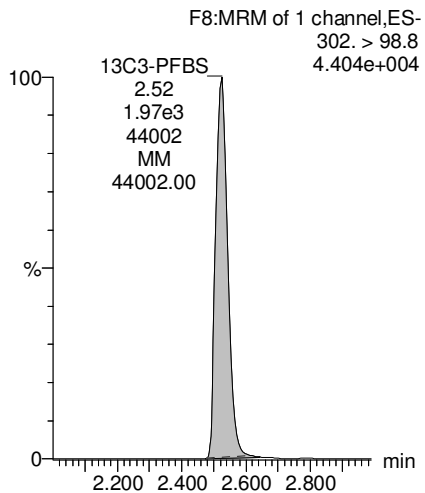
L-PFHxS



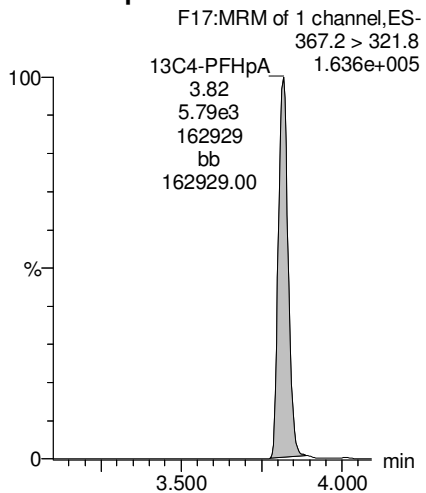
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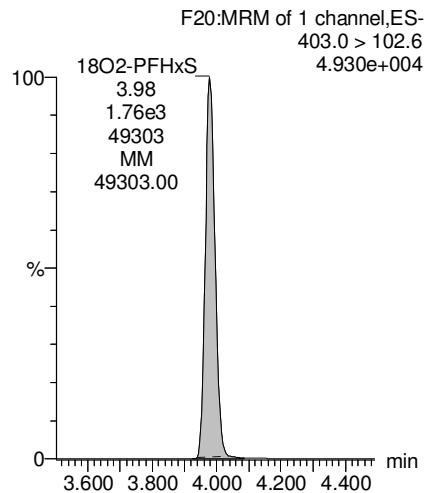
13C3-PFBS



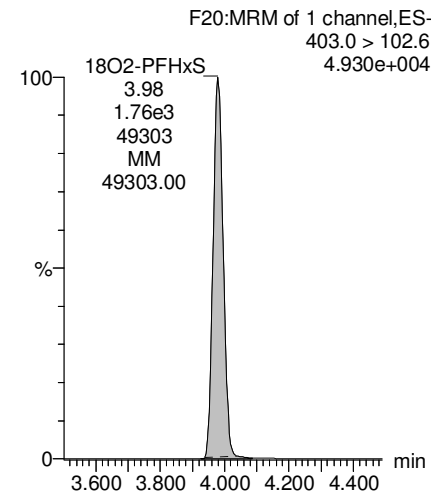
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



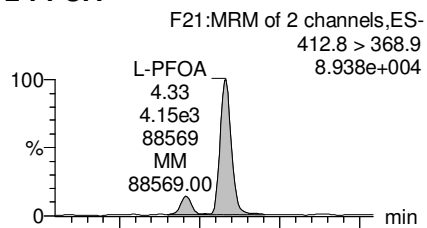
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Last Altered: Monday, October 22, 2018 19:03:20 Pacific Daylight Time

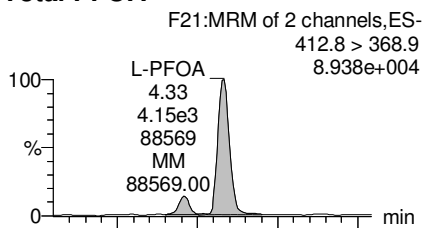
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Name: 181020M3_10, Date: 20-Oct-2018, Time: 13:43:13, ID: 1803286-01 OC-RW03B-1018 0.12015, Description: OC-RW03B-1018

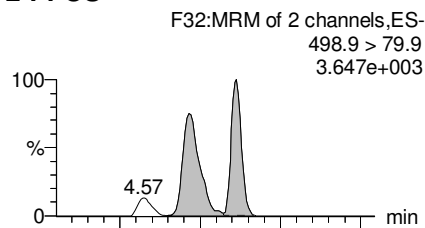
L-PFOA



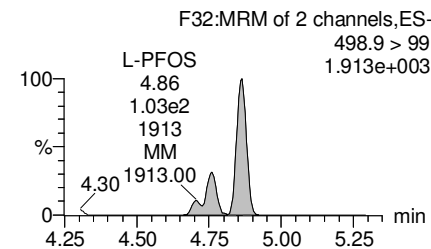
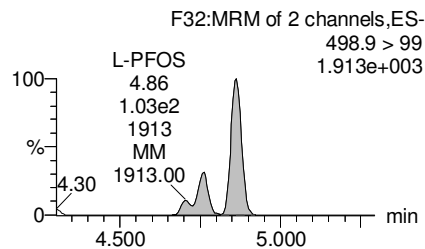
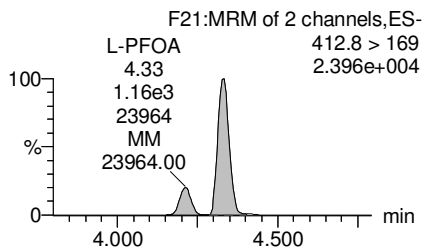
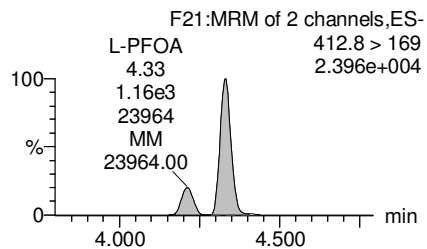
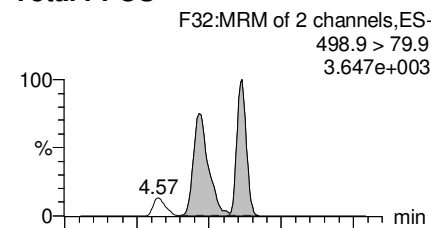
Total PFOA



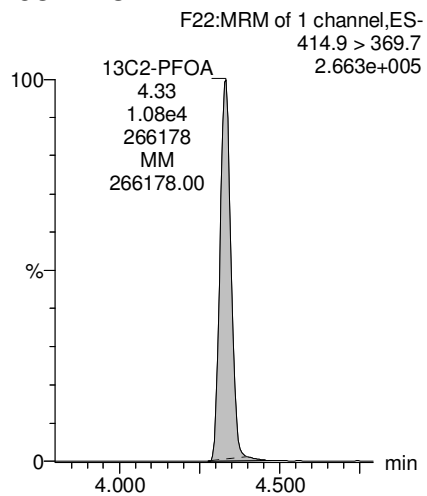
L-PFOS



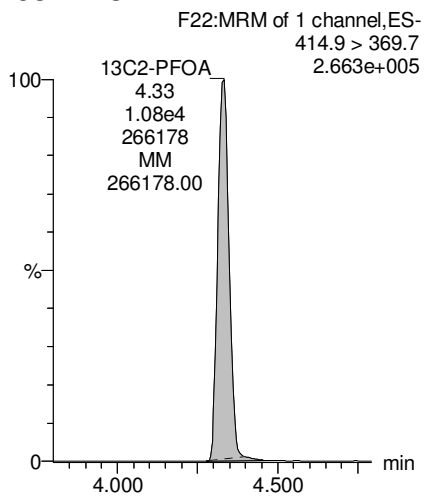
Total PFOS



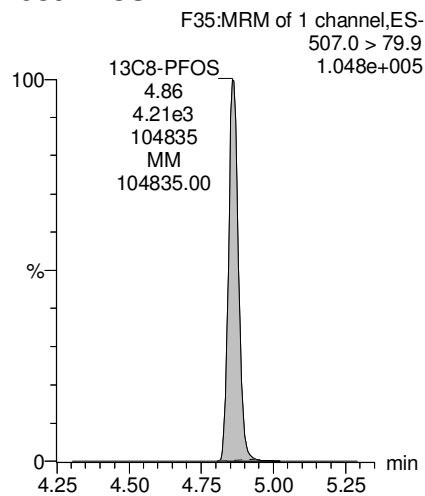
13C2-PFOA



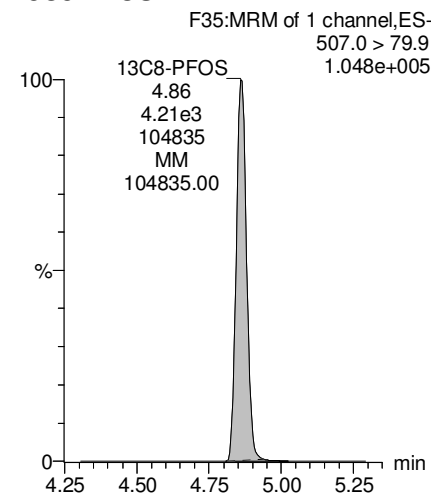
13C2-PFOA



13C8-PFOS



13C8-PFOS



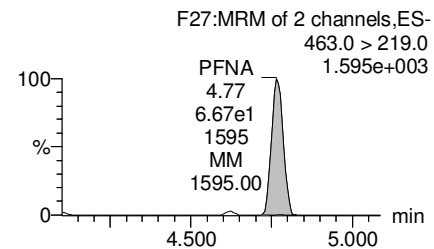
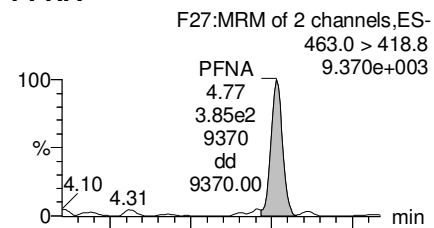
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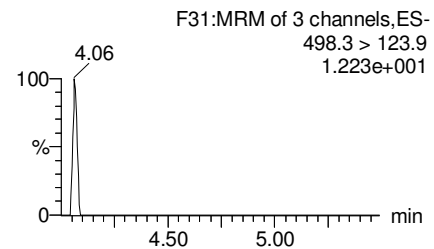
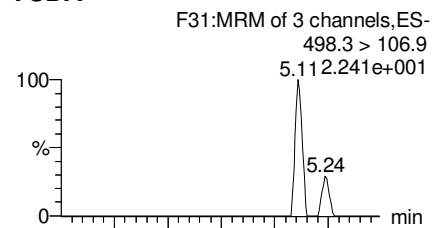
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Name: 181020M3_10, Date: 20-Oct-2018, Time: 13:43:13, ID: 1803286-01 OC-RW03B-1018 0.12015, Description: OC-RW03B-1018

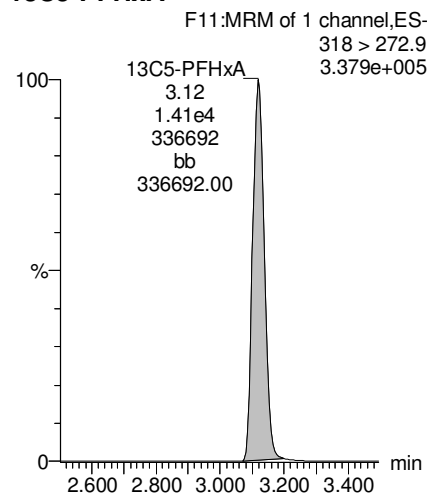
PFNA



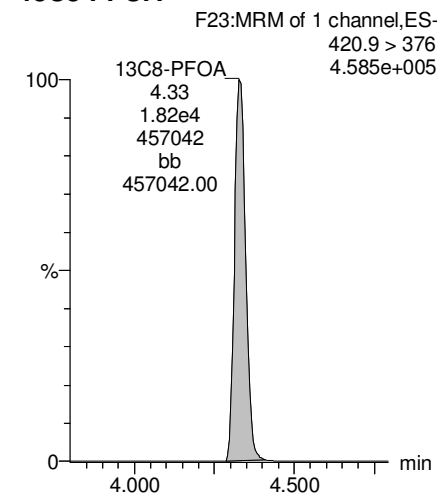
TCDA



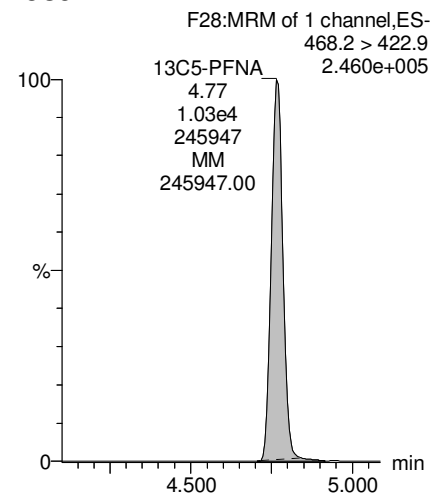
13C5-PFHxA



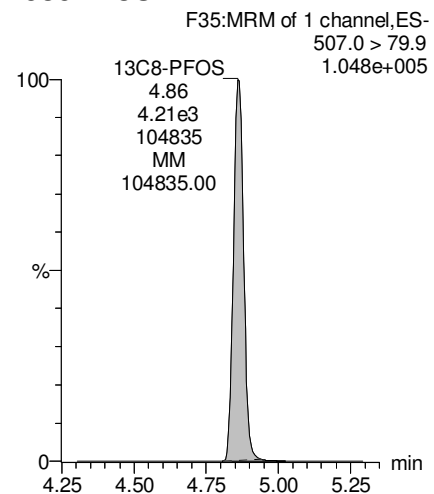
13C8-PFOA



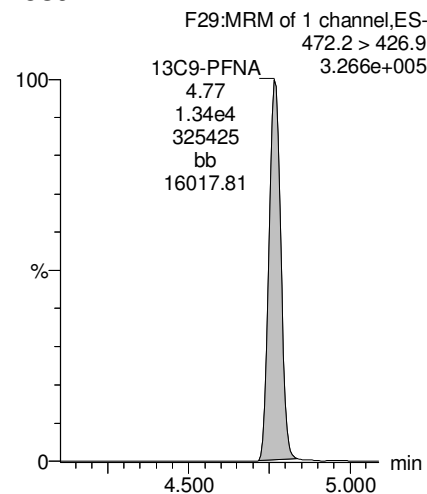
13C5-PFNA



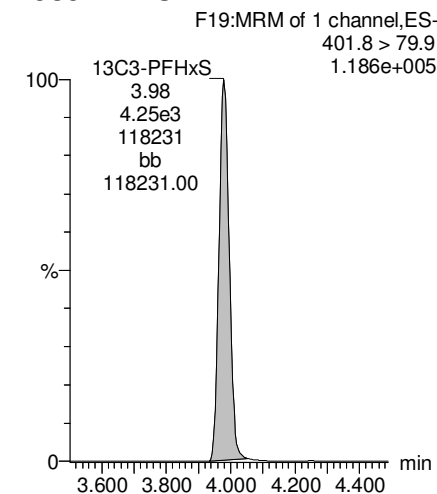
13C8-PFOS



13C9-PFNA



13C3-PFHxS



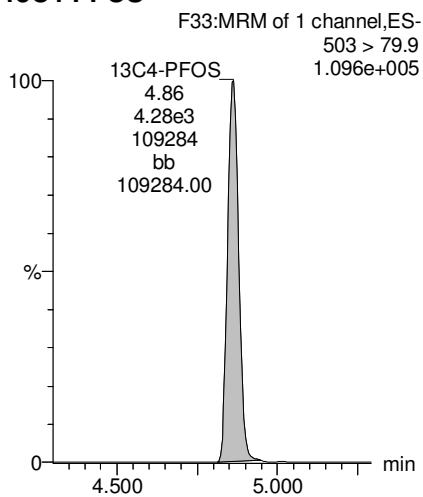
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Last Altered: Monday, October 22, 2018 19:03:20 Pacific Daylight Time

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Name: 181020M3_10, Date: 20-Oct-2018, Time: 13:43:13, ID: 1803286-01 OC-RW03B-1018 0.12015, Description: OC-RW03B-1018

13C4-PFOS



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-11.qld

Last Altered: Monday, October 22, 2018 19:08:57 Pacific Daylight Time

Printed: Monday, October 22, 2018 19:09:32 Pacific Daylight Time

Name: 181020M3_11, Date: 20-Oct-2018, Time: 13:53:52, ID: 1803286-02 OC-RW03BP-1018 0.11921, Description: OC-RW03BP-1018

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7	3.57e2	1.94e3	0.119	0.000	2.51	2.51	2.30	9.2537	2.782	NO
2	7	PFHpA	363.0 > 318.9	7.27e2	4.99e3	0.119	0.000	3.81	3.81	1.82	10.7991	11.907	NO
3	8	L-PFHxS	398.9 > 79.6	9.20e2	1.72e3	0.119	0.000	3.97	3.97	6.70	27.5950	1.872	NO
4	68	Total PFHxS	398.9 > 79.6	9.20e2	1.72e3	0.119		4.05		6.70	27.5950		
5	38	13C3-PFBS	302. > 98.8	1.94e3	4.08e3	0.119	0.475	2.55	2.51	5.93	92.7357	88.4	
6	41	13C4-PFHpA	367.2 > 321.8	4.99e3	1.10e4	0.119	0.452	3.84	3.81	5.65	102.2749	97.5	
7	42	18O2-PFHxS	403.0 > 102.6	1.72e3	4.08e3	0.119	0.421	4.01	3.97	5.26	96.5127	92.0	
8	42	18O2-PFHxS	403.0 > 102.6	1.72e3	4.08e3	0.119	0.421	4.01	3.97	5.26	96.5127	92.0	
9	-1												
10	11	L-PFOA	412.8 > 368.9	3.56e3	8.71e3	0.119	0.000	4.36	4.32	5.12	27.6000	3.632	NO
11	69	Total PFOA	412.8 > 368.9	3.56e3	8.71e3	0.119		4.00		5.12	27.6000		
12	16	L-PFOS	498.9 > 79.9	4.35e2	4.15e3	0.119	0.000	4.89	4.70	1.31	9.3982	3.537	YES
13	70	Total PFOS	498.9 > 79.9	4.35e2	4.15e3	0.119		4.60		1.31	9.3982		
14	44	13C2-PFOA	414.9 > 369.7	8.71e3	1.38e4	0.119	0.630	4.35	4.32	7.87	92.6438	88.4	
15	44	13C2-PFOA	414.9 > 369.7	8.71e3	1.38e4	0.119	0.630	4.35	4.32	7.87	92.6438	88.4	
16	47	13C8-PFOS	507.0 > 79.9	4.15e3	4.10e3	0.119	1.01	4.89	4.85	12.7	104.0133	99.2	
17	47	13C8-PFOS	507.0 > 79.9	4.15e3	4.10e3	0.119	1.01	4.89	4.85	12.7	104.0133	99.2	
18	-1												
19	14	PFNA	463.0 > 418.8	3.29e2	7.15e3	0.119	0.000	4.79	4.76	0.574	2.9270	6.834	YES
20	73	TCDA	498.3>106.9			0.119		5.15					
21	61	13C5-PFHxA	318 > 272.9	1.10e4	1.10e4	0.119	1.00	3.14	3.11	12.5	104.8570	100.0	
22	63	13C8-PFOA	420.9 > 376	1.38e4	1.38e4	0.119	1.00	4.35	4.32	12.5	104.8570	100.0	
23	45	13C5-PFNA	468.2 > 422.9	7.15e3	1.02e4	0.119	0.703	4.79	4.76	8.78	78.6147	75.0	
24	47	13C8-PFOS	507.0 > 79.9	4.15e3	4.10e3	0.119	1.01	4.89	4.85	12.7	104.0133	99.2	
25	64	13C9-PFNA	472.2 > 426.9	1.02e4	1.02e4	0.119	1.00	4.79	4.76	12.5	104.8570	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	4.08e3	4.08e3	0.119	1.00	4.01	3.97	12.5	104.8570	100.0	
27	65	13C4-PFOS	503 > 79.9	4.10e3	4.10e3	0.119	1.00	4.89	4.85	12.5	104.8570	100.0	

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-11.qld

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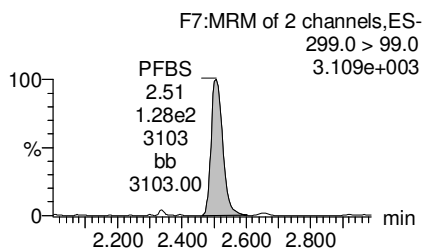
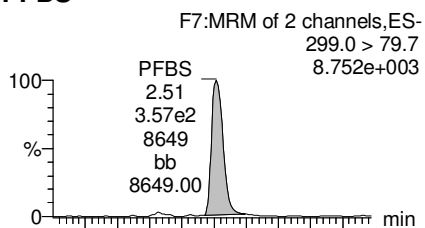
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102018.mdb 20 Oct 2018 15:49:54

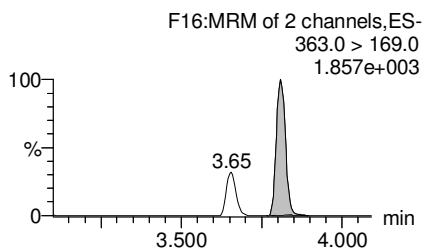
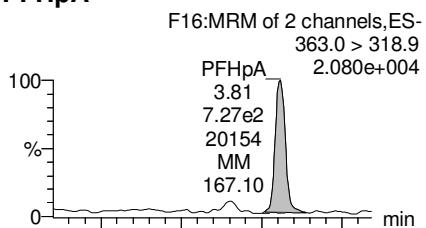
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Name: 181020M3_11, Date: 20-Oct-2018, Time: 13:53:52, ID: 1803286-02 OC-RW03BP-1018 0.11921, Description: OC-RW03BP-1018

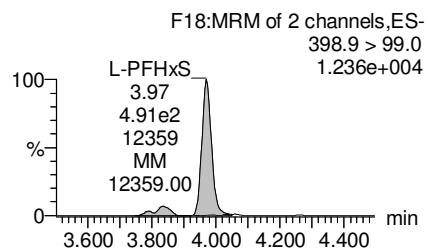
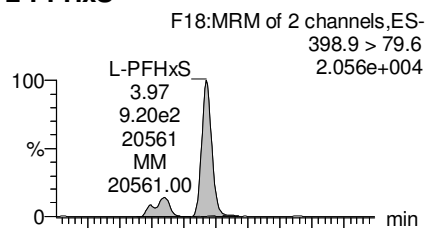
PFBS



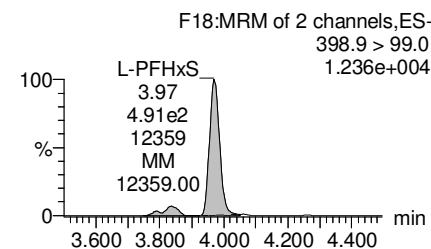
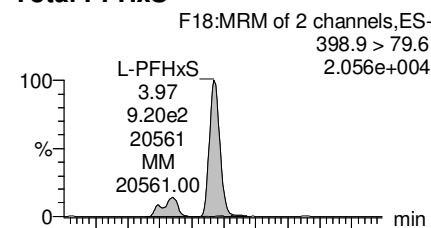
PFHpA



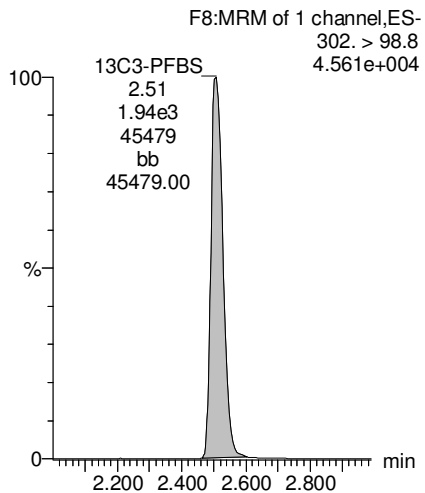
L-PFHxS



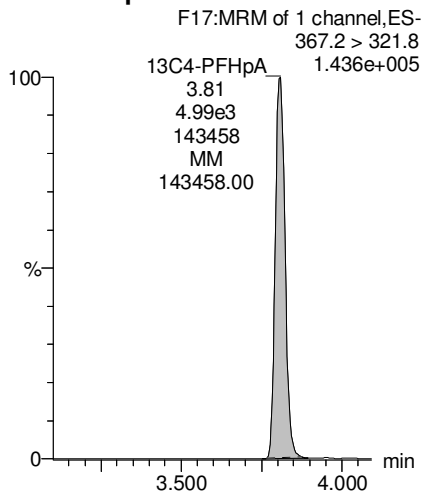
Total PFHxS



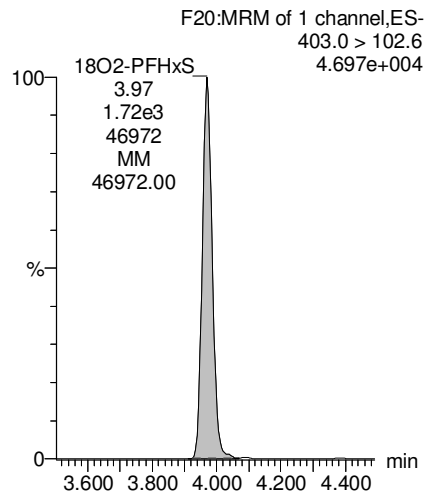
13C3-PFBS



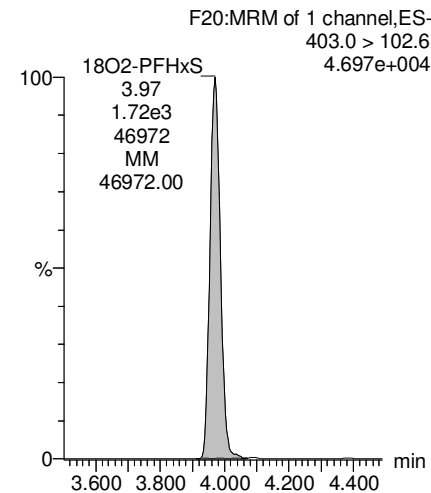
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



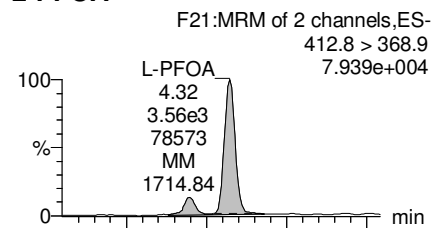
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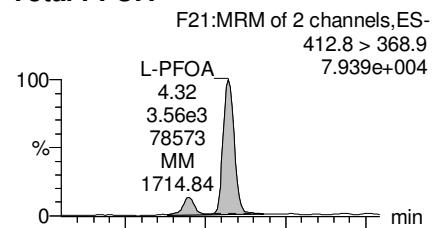
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Name: 181020M3_11, Date: 20-Oct-2018, Time: 13:53:52, ID: 1803286-02 OC-RW03BP-1018 0.11921, Description: OC-RW03BP-1018

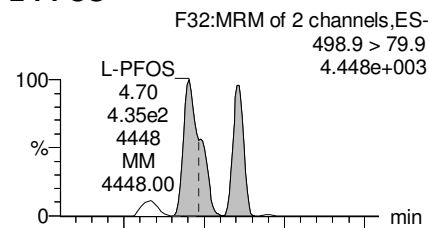
L-PFOA



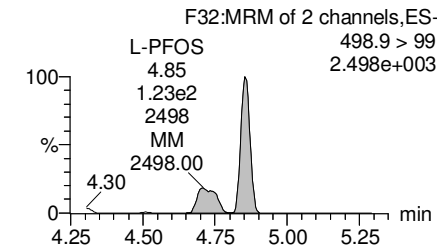
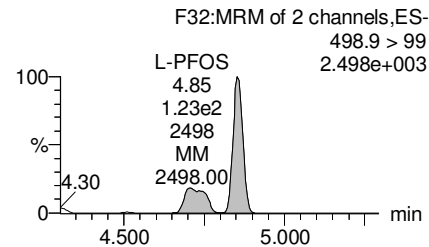
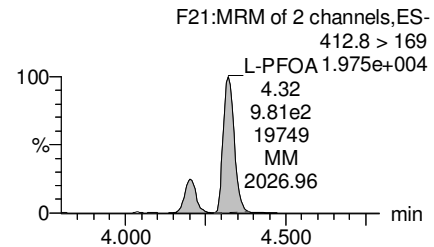
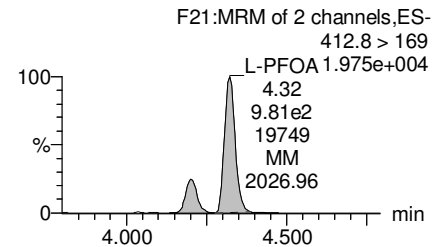
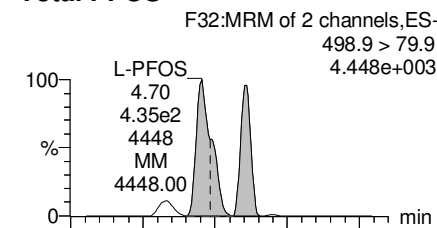
Total PFOA



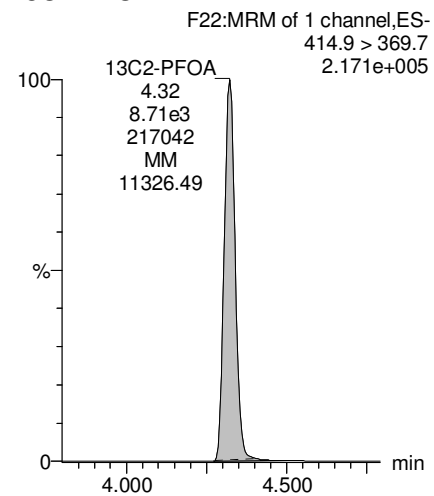
L-PFOS



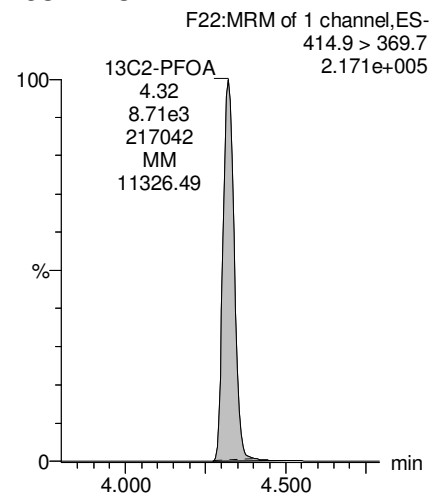
Total PFOS



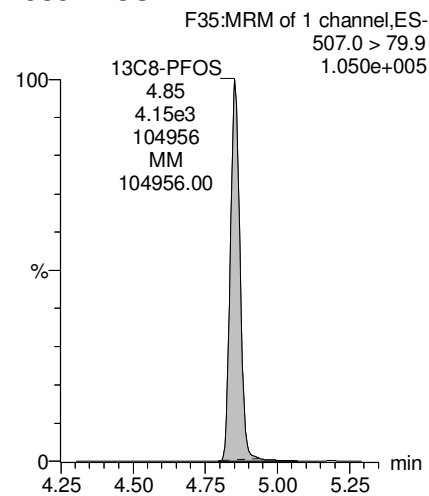
13C2-PFOA



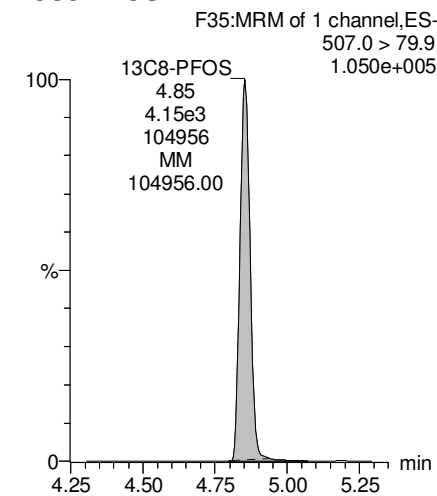
13C2-PFOA



13C8-PFOS



13C8-PFOS



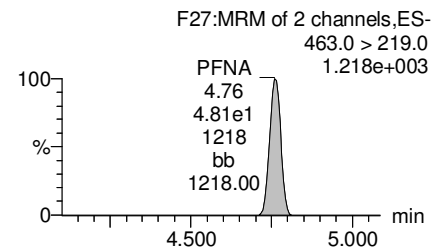
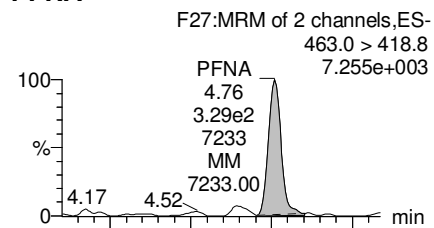
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Last Altered: Monday, October 22, 2018 19:08:57 Pacific Daylight Time

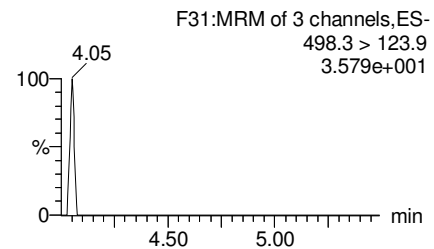
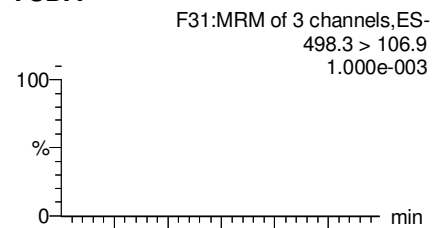
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Name: 181020M3_11, Date: 20-Oct-2018, Time: 13:53:52, ID: 1803286-02 OC-RW03BP-1018 0.11921, Description: OC-RW03BP-1018

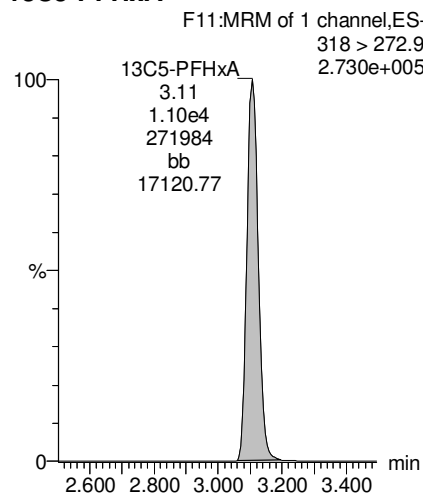
PFNA



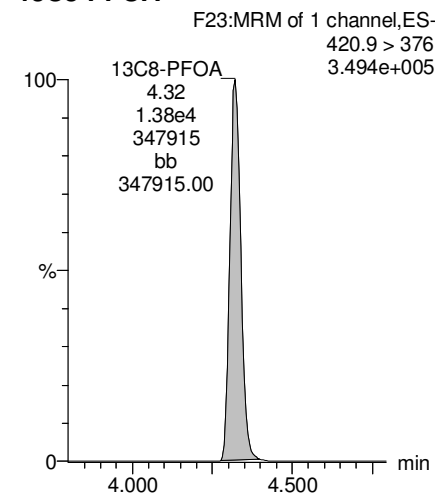
TCDA



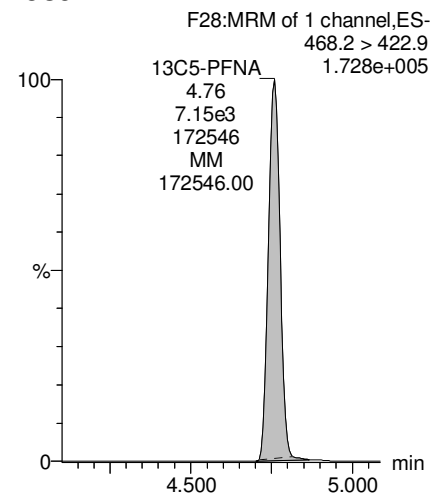
13C5-PFHxA



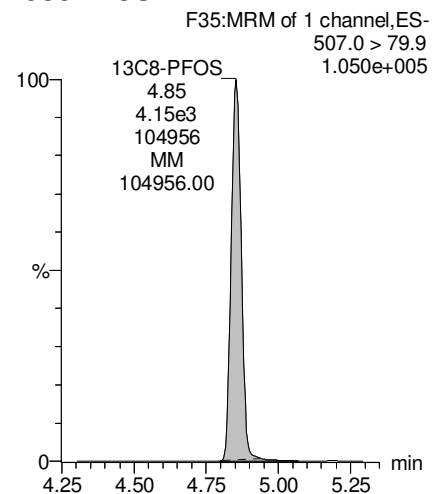
13C8-PFOA



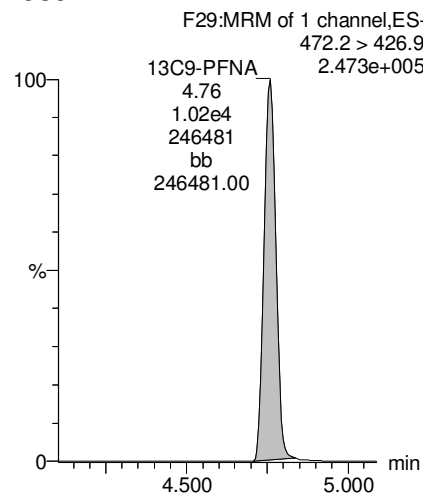
13C5-PFNA



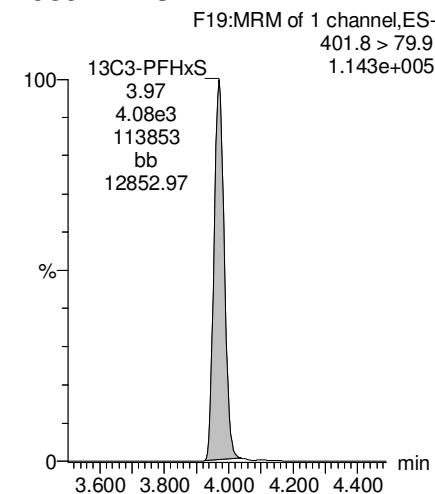
13C8-PFOS



13C9-PFNA



13C3-PFHxS



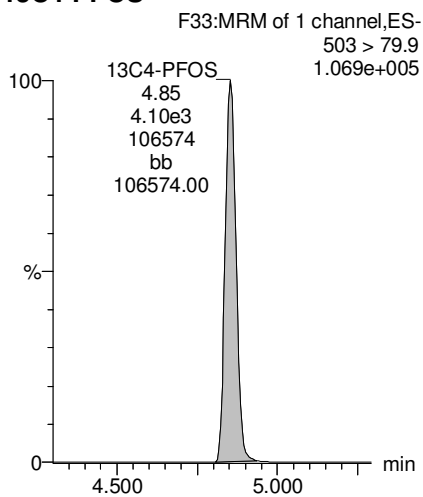
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Printed: Monday, October 22, 2018 19:09:32 Pacific Daylight Time

Name: 181020M3_11, Date: 20-Oct-2018, Time: 13:53:52, ID: 1803286-02 OC-RW03BP-1018 0.11921, Description: OC-RW03BP-1018

13C4-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\181020M3\181020M3-12B.qld

Last Altered: Monday, October 29, 2018 17:28:21 Pacific Daylight Time

Printed: Monday, October 29, 2018 17:28:48 Pacific Daylight Time

Name: 181020M3_12, Date: 20-Oct-2018, Time: 14:04:25, ID: 1803286-03 OC-FB03B-1018 0.11858, Description: OC-FB03B-1018

	# Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7		2.06e3	0.119		2.50					
2	7	PFHpA	363.0 > 318.9		5.60e3	0.119		3.80					
3	8	L-PFHxS	398.9 > 79.6		1.86e3	0.119		3.96					
4	68	Total PFHxS	398.9 > 79.6	0.00e0	1.86e3	0.119		4.05	0.000				
5	38	13C3-PFBS	302. > 98.8	2.06e3	4.24e3	0.119	0.537	2.55	2.50	6.08	95.4685	90.6	
6	41	13C4-PFHpA	367.2 > 321.8	5.60e3	1.37e4	0.119	0.464	3.84	3.80	5.09	92.6470	87.9	
7	42	18O2-PFHxS	403.0 > 102.6	1.86e3	4.24e3	0.119	0.457	4.01	3.97	5.48	101.1088	95.9	
8	42	18O2-PFHxS	403.0 > 102.6	1.86e3	4.24e3	0.119	0.457	4.01	3.97	5.48	101.1088	95.9	
9	-1												
10	11	L-PFOA	412.8 > 368.9		9.52e3	0.119		4.36					
11	69	Total PFOA	412.8 > 368.9	0.00e0	9.52e3	0.119		4.00	0.000				
12	16	L-PFOS	498.9 > 79.9		4.14e3	0.119		4.89					
13	70	Total PFOS	498.9 > 79.9	0.00e0	4.14e3	0.119		4.60	0.000				
14	44	13C2-PFOA	414.9 > 369.7	9.52e3	1.59e4	0.119	0.713	4.35	4.32	7.47	88.3961	83.9	
15	44	13C2-PFOA	414.9 > 369.7	9.52e3	1.59e4	0.119	0.713	4.35	4.32	7.47	88.3961	83.9	
16	47	13C8-PFOS	507.0 > 79.9	4.14e3	4.36e3	0.119	1.021	4.89	4.85	11.9	97.9018	92.9	
17	47	13C8-PFOS	507.0 > 79.9	4.14e3	4.36e3	0.119	1.021	4.89	4.85	11.9	97.9018	92.9	
18	-1												
19	14	PFNA	463.0 > 418.8		8.64e3	0.119		4.79					
20	73	TCDA	498.3 > 106.9			0.119		5.15					
21	61	13C5-PFHxA	318 > 272.9	1.37e4	1.37e4	0.119	1.000	3.14	3.10	12.5	105.4141	100.0	
22	63	13C8-PFOA	420.9 > 376	1.59e4	1.59e4	0.119	1.000	4.35	4.32	12.5	105.4141	100.0	
23	45	13C5-PFNA	468.2 > 422.9	8.64e3	1.11e4	0.119	0.937	4.79	4.76	9.72	87.4568	83.0	
24	47	13C8-PFOS	507.0 > 79.9	4.14e3	4.36e3	0.119	1.021	4.89	4.85	11.9	97.9018	92.9	
25	64	13C9-PFNA	472.2 > 426.9	1.11e4	1.11e4	0.119	1.000	4.79	4.76	12.5	105.4141	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	4.24e3	4.24e3	0.119	1.000	4.01	3.97	12.5	105.4141	100.0	
27	65	13C4-PFOS	503 > 79.9	4.36e3	4.36e3	0.119	1.000	4.89	4.85	12.5	105.4141	100.0	

Dataset: F:\Projects\PFAS.PRO\Results\181020M3\181020M3-12B.qld

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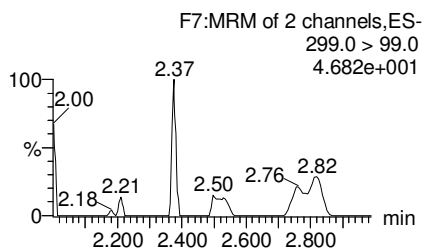
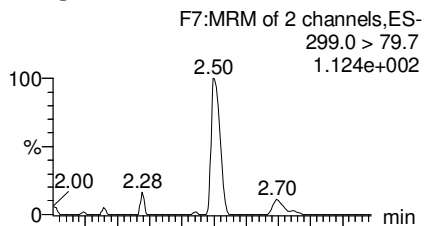
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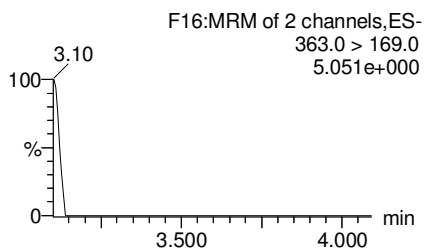
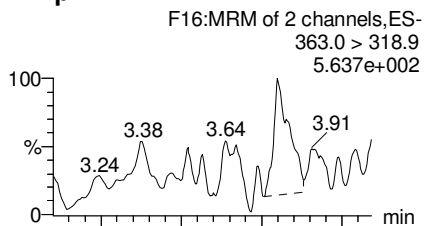
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Name: 181020M3_12, Date: 20-Oct-2018, Time: 14:04:25, ID: 1803286-03 OC-FB03B-1018 0.11858, Description: OC-FB03B-1018

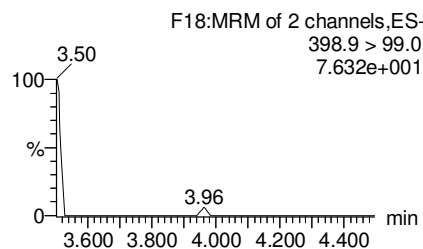
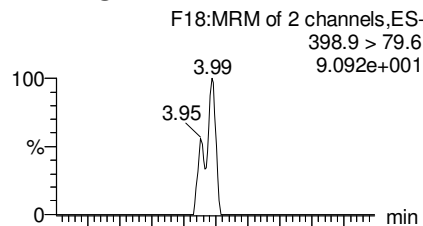
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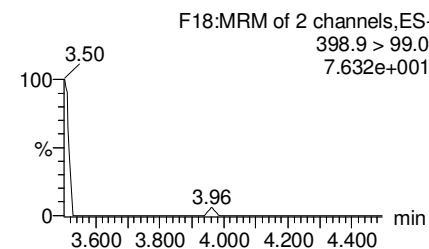
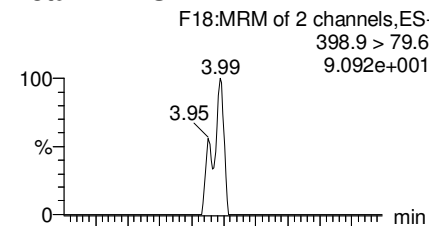
PFHpA



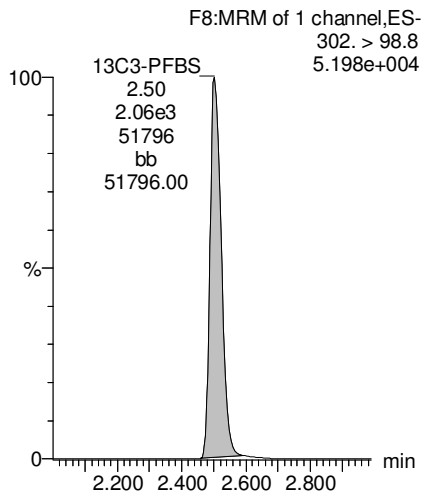
L-PFHxS



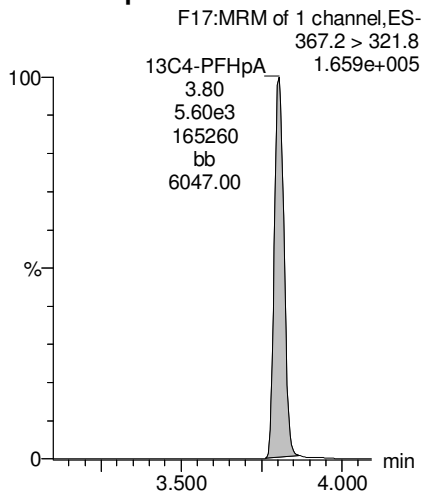
Total PFHxS



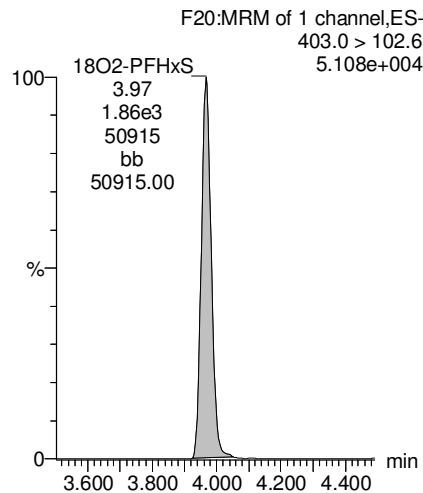
13C3-PFBS



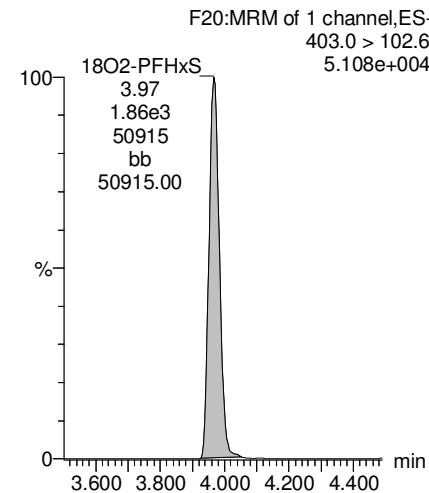
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



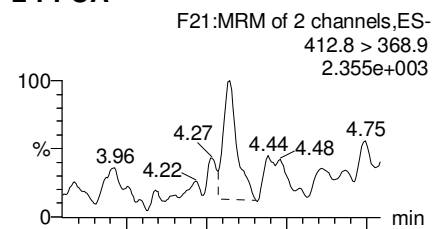
Dataset: F:\Projects\PFAS.PRO\Results\181020M3\181020M3-12B.qld

Last Altered: Monday, October 29, 2018 17:28:21 Pacific Daylight Time

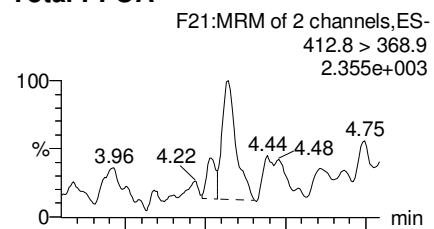
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Name: 181020M3_12, Date: 20-Oct-2018, Time: 14:04:25, ID: 1803286-03 OC-FB03B-1018 0.11858, Description: OC-FB03B-1018

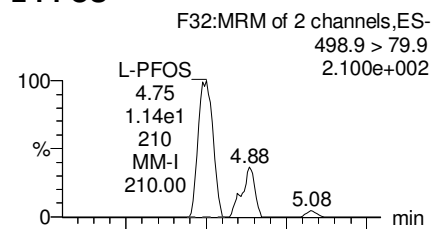
L-PFOA



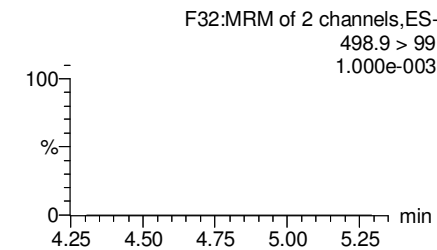
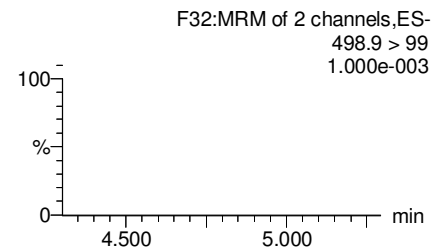
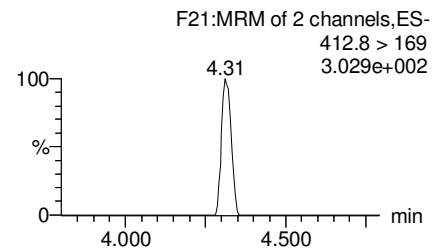
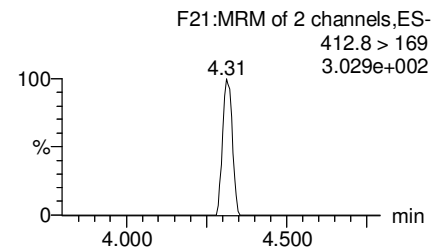
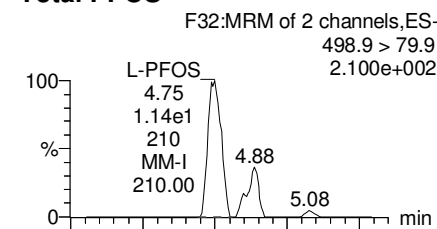
Total PFOA



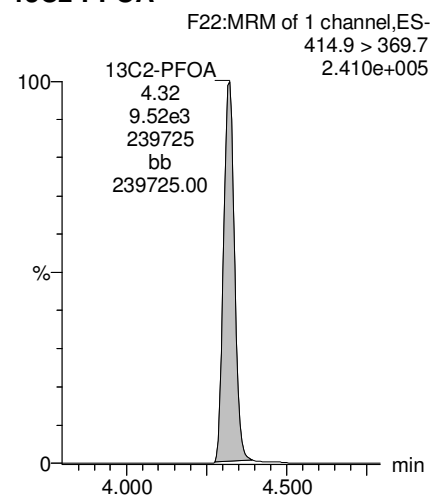
L-PFOS



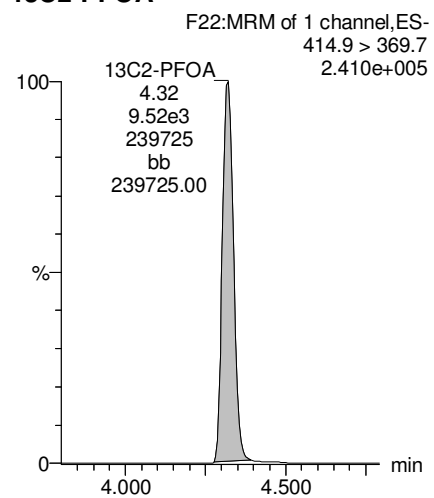
Total PFOS



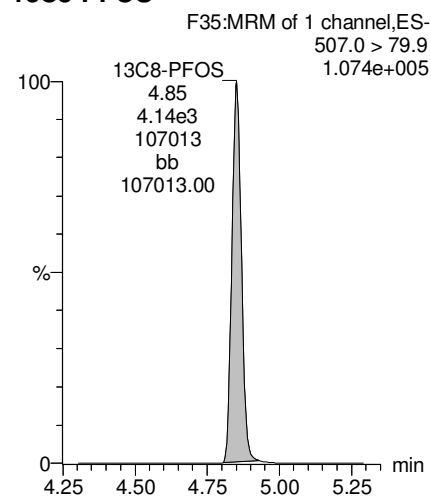
13C2-PFOA



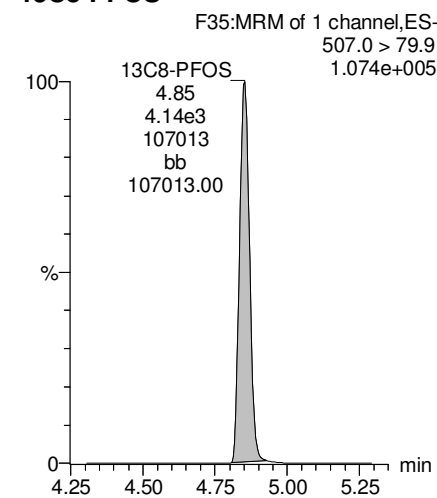
13C2-PFOA



13C8-PFOS



13C8-PFOS



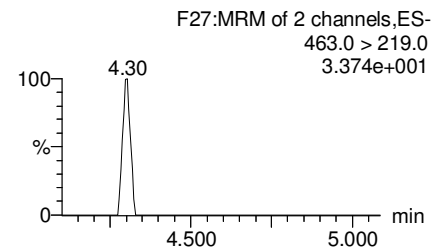
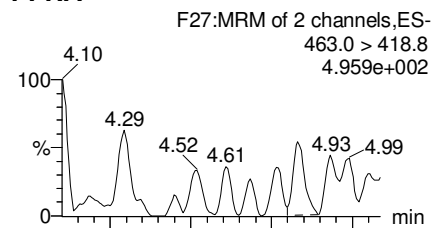
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Last Altered: Monday, October 29, 2018 17:28:21 Pacific Daylight Time

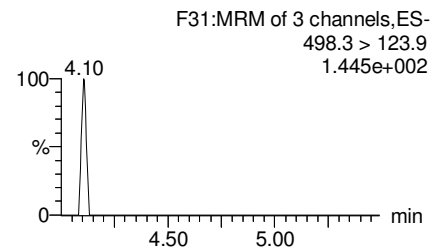
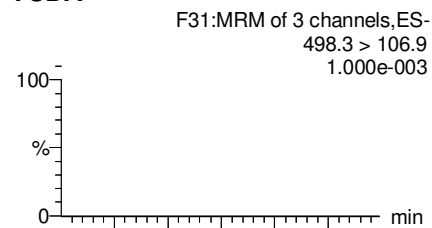
Printed: Monday, October 29, 2018 17:28:48 Pacific Daylight Time

Name: 181020M3_12, Date: 20-Oct-2018, Time: 14:04:25, ID: 1803286-03 OC-FB03B-1018 0.11858, Description: OC-FB03B-1018

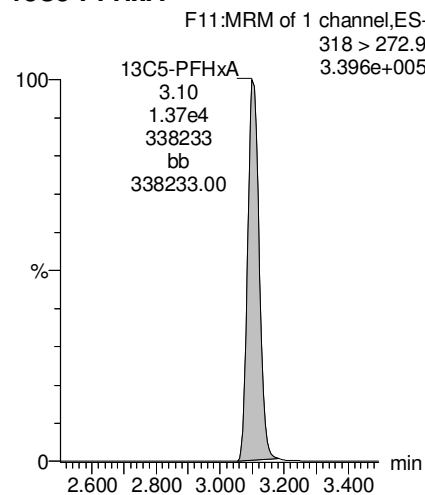
PFNA



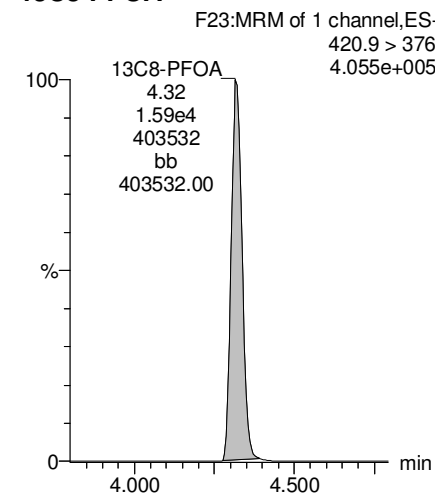
TCDA



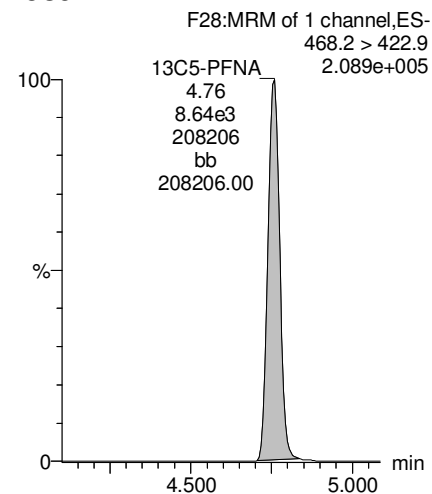
13C5-PFHxA



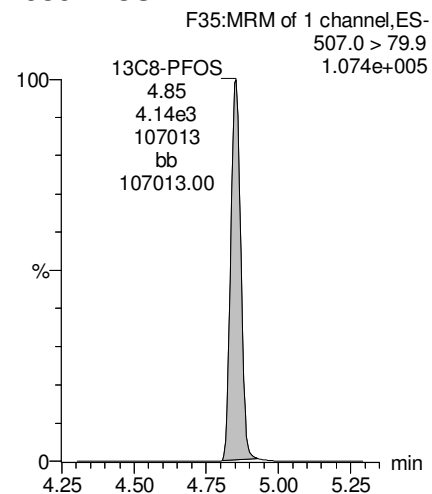
13C8-PFOA



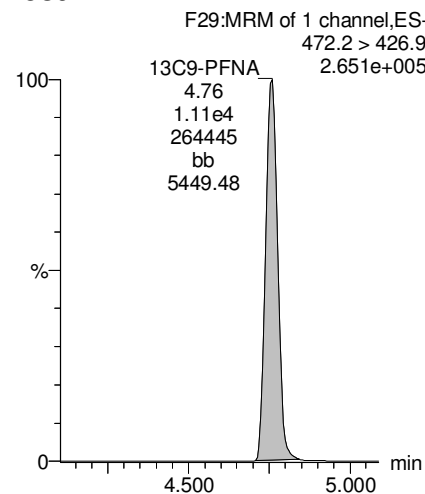
13C5-PFNA



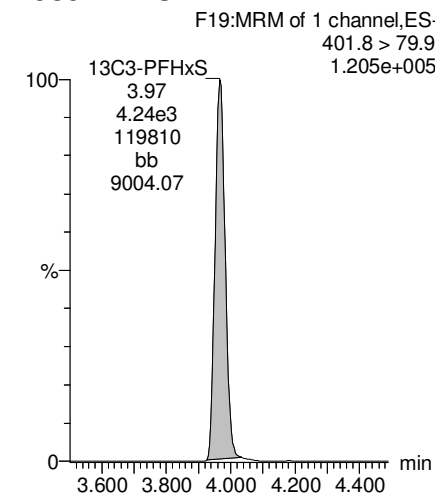
13C8-PFOS



13C9-PFNA



13C3-PFHxS



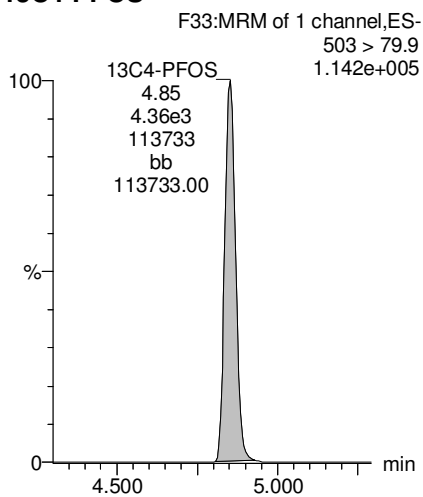
Dataset: F:\Projects\PFAS.PRO\Results\181020M3\181020M3-12B.qld

Last Altered: Monday, October 29, 2018 17:28:21 Pacific Daylight Time

Printed: Monday, October 29, 2018 17:28:48 Pacific Daylight Time

Name: 181020M3_12, Date: 20-Oct-2018, Time: 14:04:25, ID: 1803286-03 OC-FB03B-1018 0.11858, Description: OC-FB03B-1018

13C4-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-4.qld

Last Altered: Monday, October 29, 2018 14:25:06 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:25:28 Pacific Daylight Time

Name: 181029M1_4, Date: 29-Oct-2018, Time: 11:12:52, ID: 1803286-04 OC-RW03-1018 0.11784, Description: OC-RW03-1018

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7		2.20e3	0.118		2.91					
2	7	PFHpA	363.0 > 318.9		1.03e4	0.118		4.12					
3	8	L-PFHxS	398.9 > 79.6	4.73e0	2.06e3	0.118		4.26	4.26	0.0287	0.4813	0.905	NO
4	68	Total PFHxS	398.9 > 79.6	4.73e0	2.06e3	0.118		4.28		0.0287	0.4813		
5	38	13C3-PFBS	302. > 98.8	2.20e3	4.97e3	0.118	0.540	2.86	2.91	5.53	86.8784	81.9	
6	41	13C4-PFHpA	367.2 > 321.8	1.03e4	2.40e4	0.118	0.517	4.08	4.13	5.37	88.1578	83.1	
7	42	18O2-PFHxS	403.0 > 102.6	2.06e3	4.97e3	0.118	0.482	4.22	4.26	5.19	91.2084	86.0	
8	42	18O2-PFHxS	403.0 > 102.6	2.06e3	4.97e3	0.118	0.482	4.22	4.26	5.19	91.2084	86.0	
9	-1												
10	11	L-PFOA	412.8 > 368.9		1.82e4	0.118		4.56					
11	69	Total PFOA	412.8 > 368.9	0.00e0	1.82e4	0.118		4.62		0.000			
12	16	L-PFOS	498.9 > 79.9		4.53e3	0.118		5.09					
13	70	Total PFOS	498.9 > 79.9	0.00e0	4.53e3	0.118		5.13		0.000			
14	44	13C2-PFOA	414.9 > 369.7	1.82e4	2.70e4	0.118	0.757	4.56	4.61	8.41	94.3125	88.9	
15	44	13C2-PFOA	414.9 > 369.7	1.82e4	2.70e4	0.118	0.757	4.56	4.61	8.41	94.3125	88.9	
16	47	13C8-PFOS	507.0 > 79.9	4.53e3	4.94e3	0.118	1.003	5.08	5.13	11.5	97.0875	91.5	
17	47	13C8-PFOS	507.0 > 79.9	4.53e3	4.94e3	0.118	1.003	5.08	5.13	11.5	97.0875	91.5	
18	-1												
19	14	PFNA	463.0 > 418.8		1.42e4	0.118		5.00					
20	73	TCDA	498.3 > 106.9			0.118		5.15					
21	61	13C5-PFHxA	318 > 272.9	2.40e4	2.40e4	0.118	1.000	3.42	3.47	12.5	106.0760	100.0	
22	63	13C8-PFOA	420.9 > 376	2.70e4	2.70e4	0.118	1.000	4.56	4.61	12.5	106.0760	100.0	
23	45	13C5-PFNA	468.2 > 422.9	1.42e4	1.82e4	0.118	0.968	5.00	5.05	9.73	85.2960	80.4	
24	47	13C8-PFOS	507.0 > 79.9	4.53e3	4.94e3	0.118	1.003	5.08	5.13	11.5	97.0875	91.5	
25	64	13C9-PFNA	472.2 > 426.9	1.82e4	1.82e4	0.118	1.000	5.00	5.05	12.5	106.0760	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	4.97e3	4.97e3	0.118	1.000	4.22	4.26	12.5	106.0760	100.0	
27	65	13C4-PFOS	503 > 79.9	4.94e3	4.94e3	0.118	1.000	5.09	5.13	12.5	106.0760	100.0	

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-4.qld

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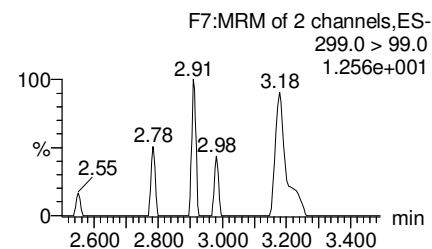
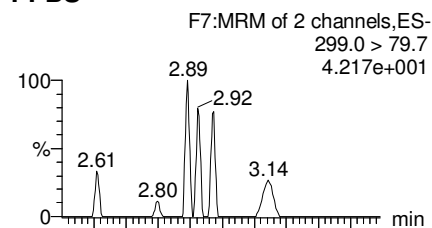
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102918.mdb 29 Oct 2018 14:04:44

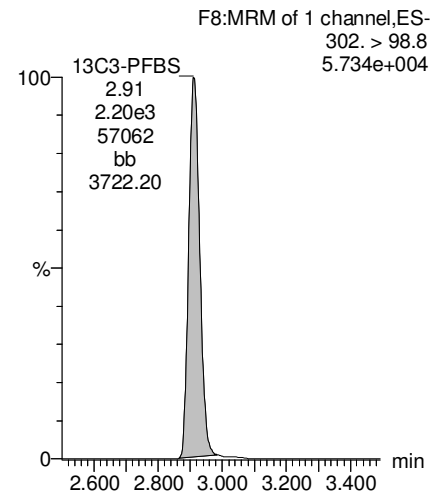
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Name: 181029M1_4, Date: 29-Oct-2018, Time: 11:12:52, ID: 1803286-04 OC-RW03-1018 0.11784, Description: OC-RW03-1018

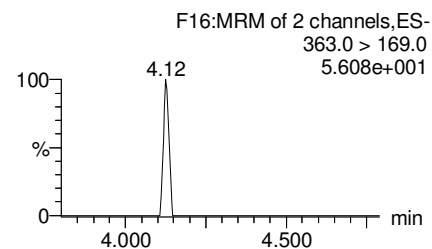
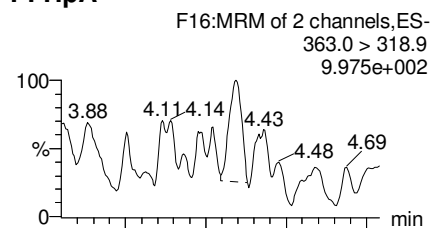
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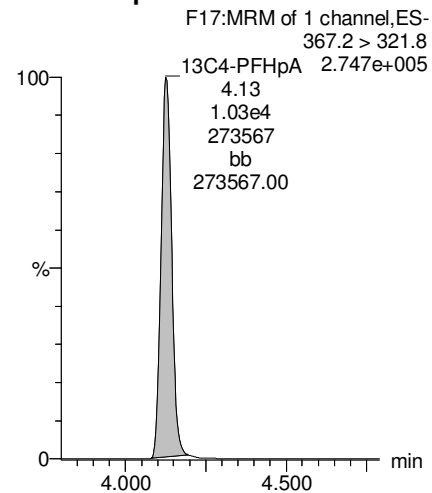
13C3-PFBS



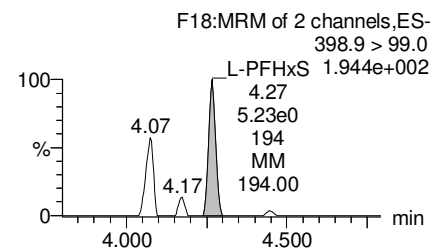
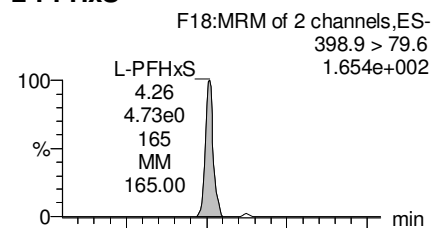
PFHpA



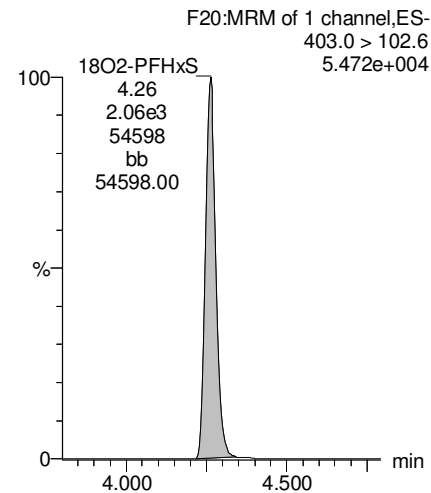
13C4-PFHpA



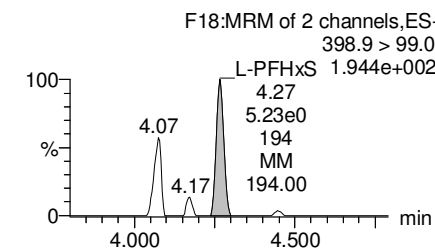
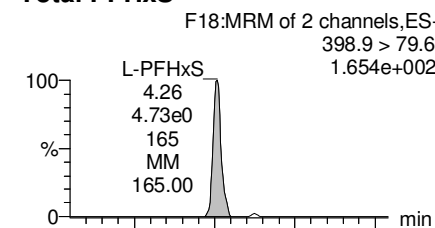
L-PFHxS



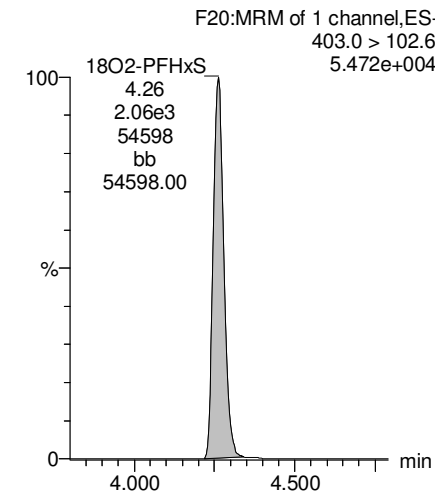
18O2-PFHxS



Total PFHxS



18O2-PFHxS



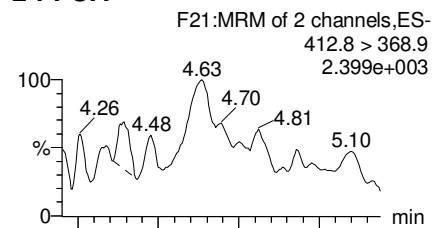
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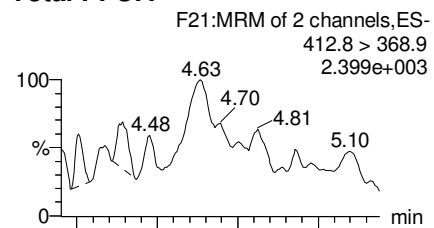
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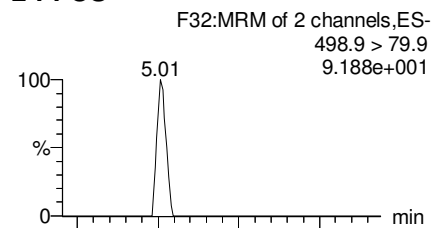
L-PFOA



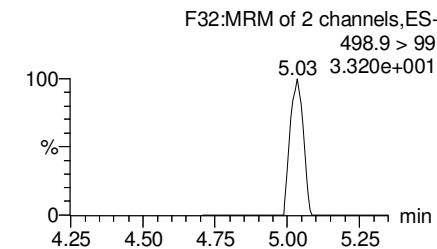
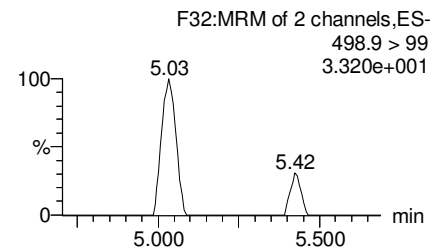
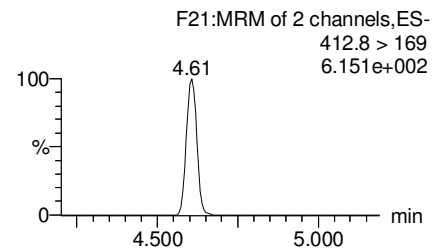
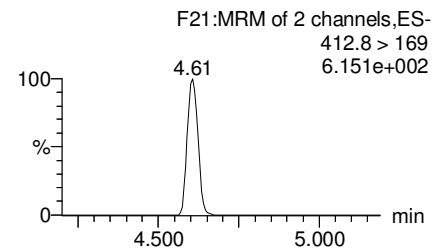
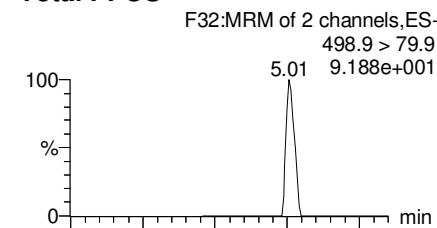
Total PFOA



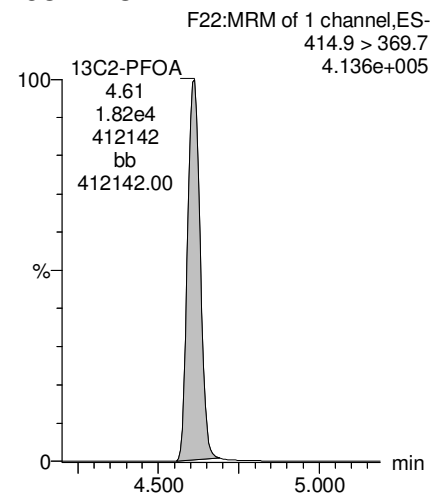
L-PFOS



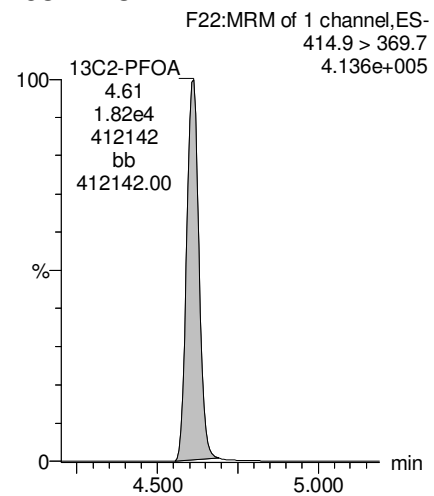
Total PFOS



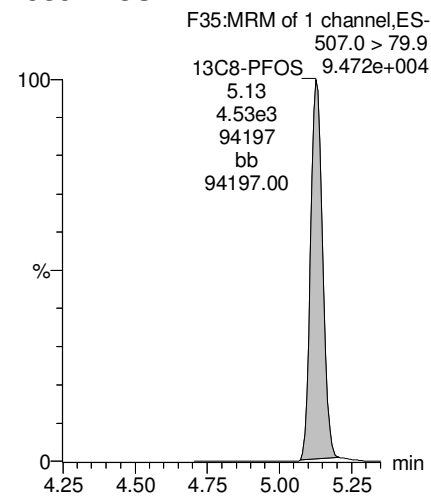
13C2-PFOA



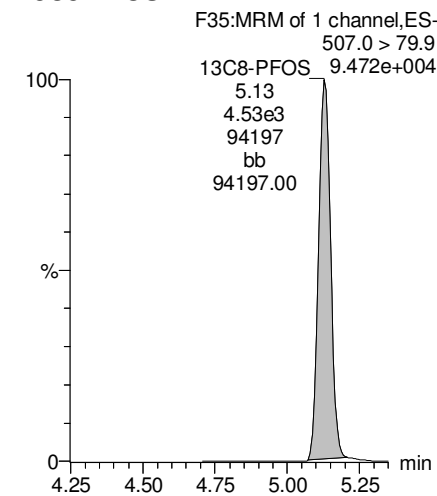
13C2-PFOA



13C8-PFOS



13C8-PFOS



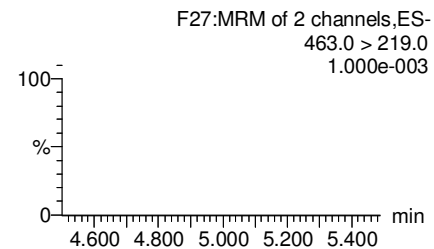
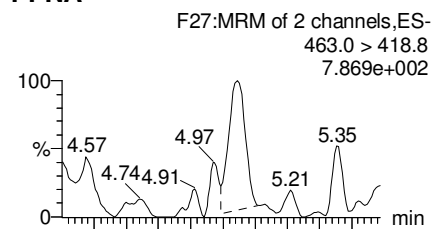
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Last Altered: Monday, October 29, 2018 14:25:06 Pacific Daylight Time

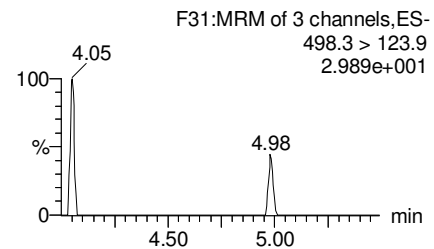
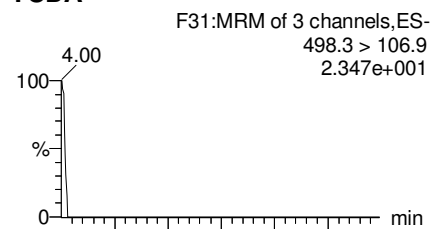
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Name: 181029M1_4, Date: 29-Oct-2018, Time: 11:12:52, ID: 1803286-04 OC-RW03-1018 0.11784, Description: OC-RW03-1018

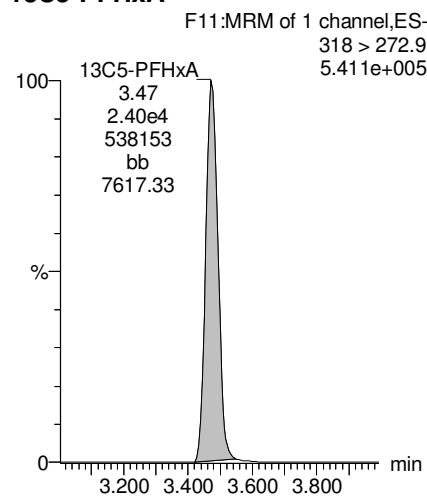
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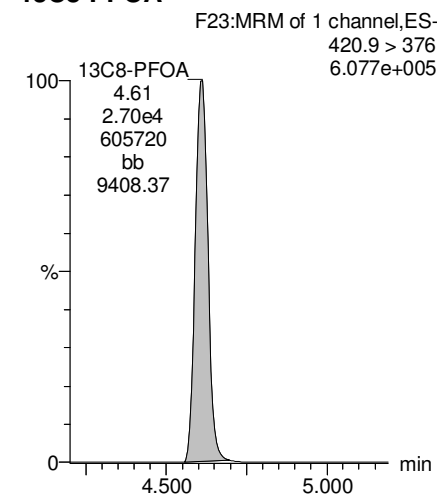
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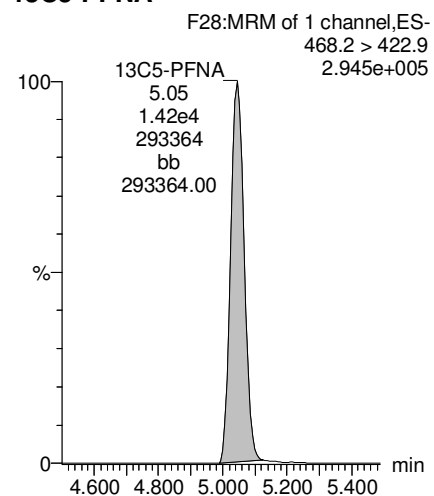
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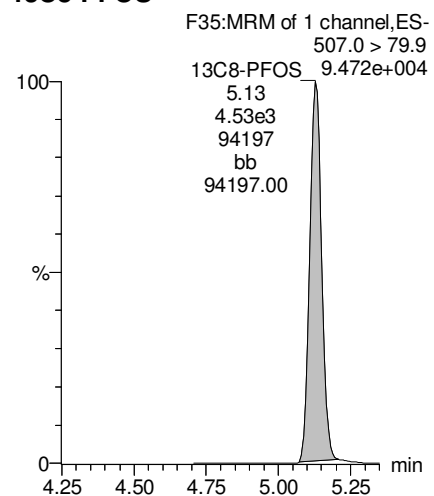
13C8-PFOA



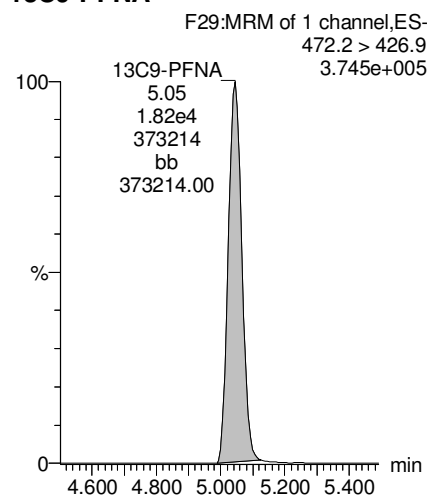
13C5-PFNA



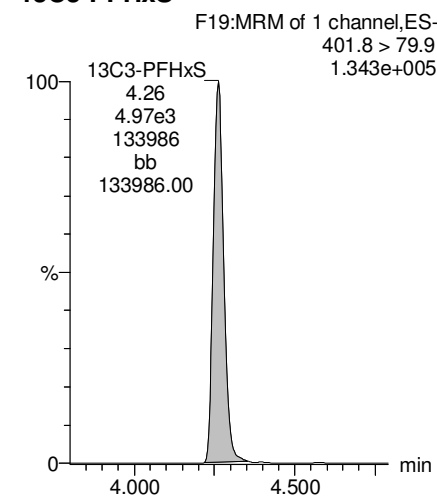
13C8-PFOS



13C9-PFNA



13C3-PFHxS



Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-4.qld

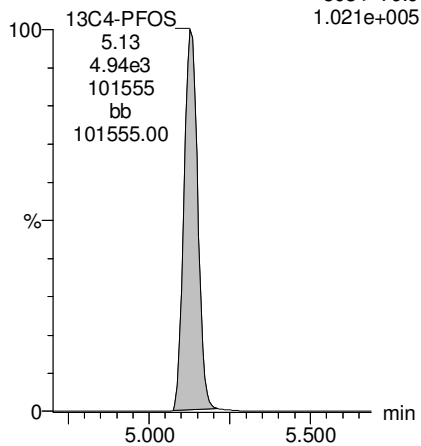
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Printed: Monday, October 29, 2018 14:25:28 Pacific Daylight Time

Name: 181029M1_4, Date: 29-Oct-2018, Time: 11:12:52, ID: 1803286-04 OC-RW03-1018 0.11784, Description: OC-RW03-1018

13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.021e+005



Dataset: Z:\Projects\PFAS.PRO\Results\181026M2\181026M2-18.qld

Last Altered: Monday, October 29, 2018 15:06:22 Pacific Daylight Time

Printed: Monday, October 29, 2018 15:07:14 Pacific Daylight Time

Name: 181026M2_18, Date: 26-Oct-2018, Time: 18:47:05, ID: 1803286-05 OC-FB03-1018 0.11738, Description: OC-FB03-1018

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7		1.23e3	0.117	2.99						
2	7	PFHpA	363.0 > 318.9		3.51e3	0.117	4.17						
3	8	L-PFHxS	398.9 > 79.6	5.19e0	9.50e2	0.117	4.30	4.30	0.0683	0.8152		4.329	YES
4	68	Total PFHxS	398.9 > 79.6	5.19e0	9.50e2	0.117	4.28		0.0683	0.8152			
5	38	13C3-PFBS	302. > 98.8	1.23e3	2.69e3	0.117	0.496	2.96	2.99	5.72	98.3736	92.4	
6	41	13C4-PFHpA	367.2 > 321.8	3.51e3	8.52e3	0.117	0.495	4.15	4.17	5.16	88.8038	83.4	
7	42	18O2-PFHxS	403.0 > 102.6	9.50e2	2.69e3	0.117	0.404	4.28	4.30	4.41	93.0352	87.4	
8	42	18O2-PFHxS	403.0 > 102.6	9.50e2	2.69e3	0.117	0.404	4.28	4.30	4.41	93.0352	87.4	
9	-1												
10	11	L-PFOA	412.8 > 368.9		5.56e3	0.117	4.62						
11	69	Total PFOA	412.8 > 368.9	0.00e0	5.56e3	0.117	4.62		0.000				
12	16	L-PFOS	498.9 > 79.9		2.44e3	0.117	5.13						
13	70	Total PFOS	498.9 > 79.9	0.00e0	2.44e3	0.117	5.13		0.000				
14	44	13C2-PFOA	414.9 > 369.7	5.56e3	9.50e3	0.117	0.691	4.62	4.64	7.32	90.2198	84.7	
15	44	13C2-PFOA	414.9 > 369.7	5.56e3	9.50e3	0.117	0.691	4.62	4.64	7.32	90.2198	84.7	
16	47	13C8-PFOS	507.0 > 79.9	2.44e3	2.75e3	0.117	1.043	5.13	5.15	11.1	90.5084	85.0	
17	47	13C8-PFOS	507.0 > 79.9	2.44e3	2.75e3	0.117	1.043	5.13	5.15	11.1	90.5084	85.0	
18	-1												
19	14	PFNA	463.0 > 418.8		4.25e3	0.117	5.05						
20	73	TCDA	498.3>106.9			0.117	5.15						
21	61	13C5-PFHxA	318 > 272.9	8.52e3	8.52e3	0.117	1.000	3.52	3.54	12.5	106.4917	100.0	
22	63	13C8-PFOA	420.9 > 376	9.50e3	9.50e3	0.117	1.000	4.62	4.64	12.5	106.4917	100.0	
23	45	13C5-PFNA	468.2 > 422.9	4.25e3	5.50e3	0.117	0.996	5.05	5.07	9.66	82.5971	77.6	
24	47	13C8-PFOS	507.0 > 79.9	2.44e3	2.75e3	0.117	1.043	5.13	5.15	11.1	90.5084	85.0	
25	64	13C9-PFNA	472.2 > 426.9	5.50e3	5.50e3	0.117	1.000	5.05	5.07	12.5	106.4917	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	2.69e3	2.69e3	0.117	1.000	4.28	4.30	12.5	106.4917	100.0	
27	65	13C4-PFOS	503 > 79.9	2.75e3	2.75e3	0.117	1.000	5.13	5.15	12.5	106.4917	100.0	

Dataset: Z:\Projects\PFAS.PRO\Results\181026M2\181026M2-18.qld

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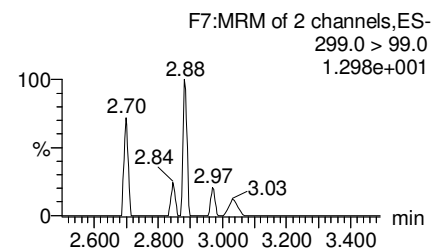
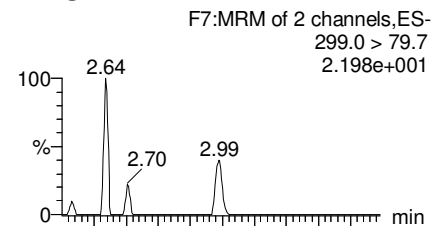
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Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 28 Oct 2018 12:30:36

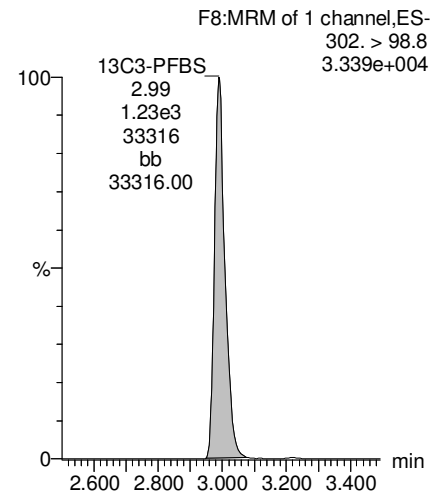
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Name: 181026M2_18, Date: 26-Oct-2018, Time: 18:47:05, ID: 1803286-05 OC-FB03-1018 0.11738, Description: OC-FB03-1018

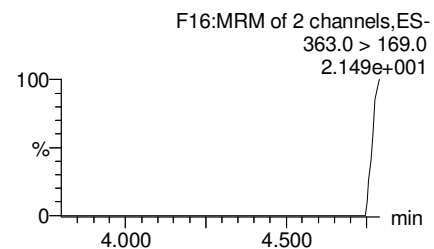
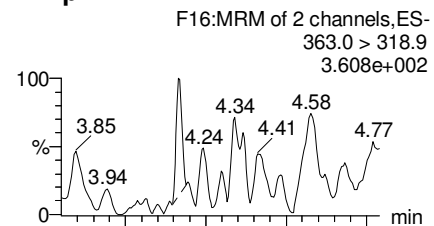
PFBS



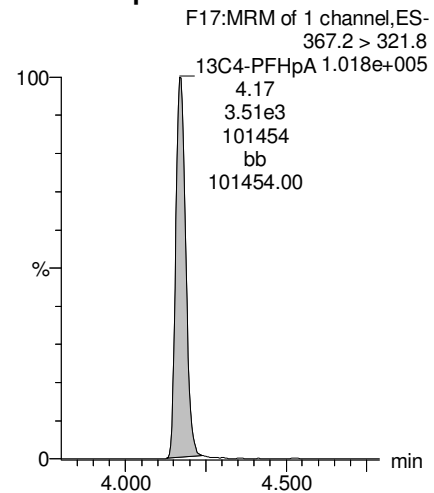
13C3-PFBS



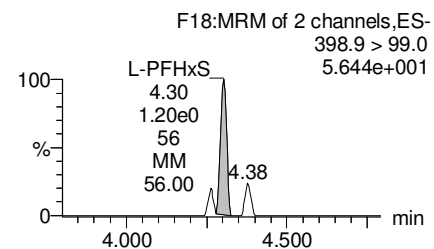
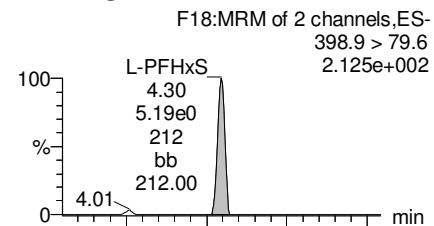
PFHpA



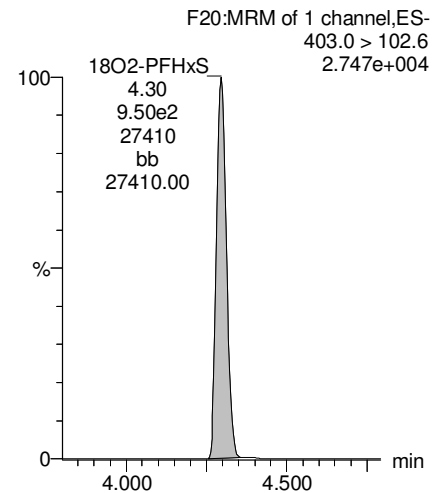
13C4-PFHpA



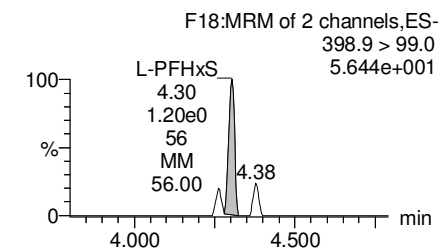
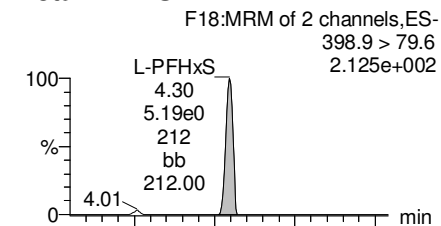
L-PFHxS



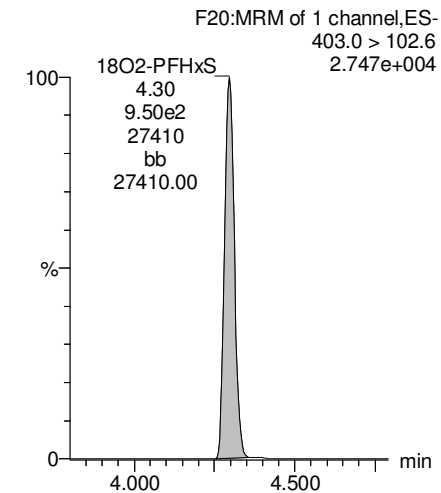
18O2-PFHxS



Total PFHxS



18O2-PFHxS



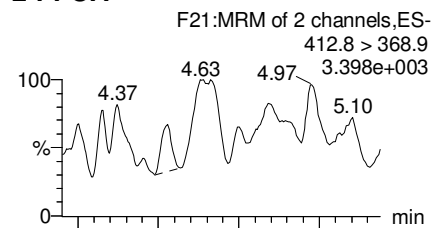
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Last Altered: Monday, October 29, 2018 15:06:22 Pacific Daylight Time

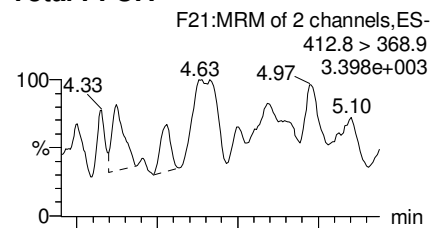
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Name: 181026M2_18, Date: 26-Oct-2018, Time: 18:47:05, ID: 1803286-05 OC-FB03-1018 0.11738, Description: OC-FB03-1018

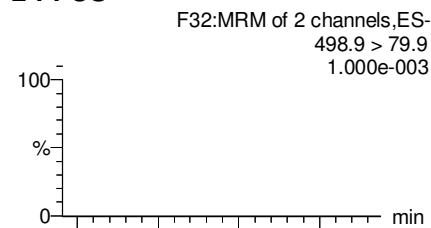
L-PFOA



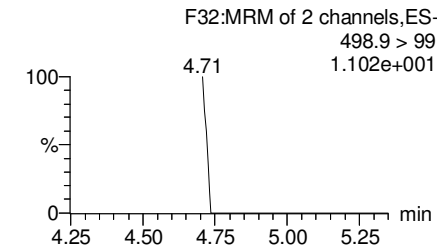
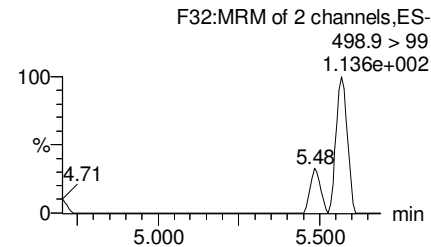
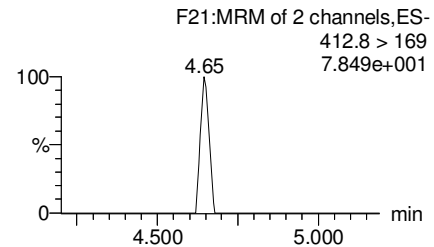
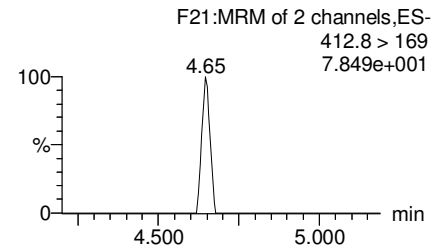
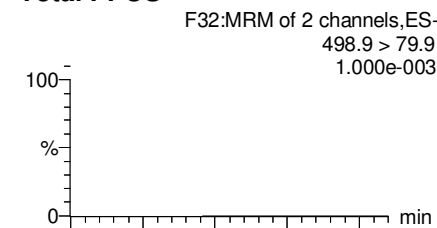
Total PFOA



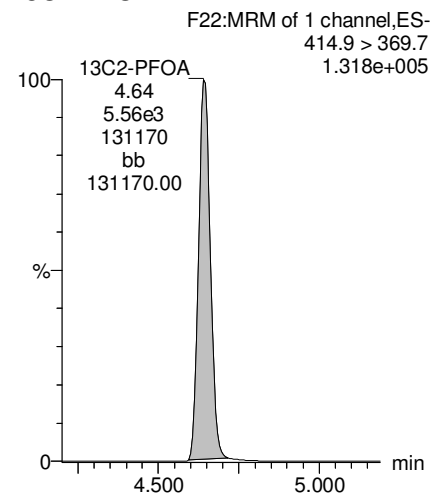
L-PFOS



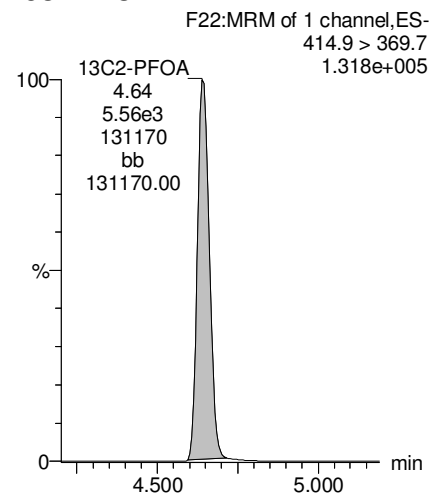
Total PFOS



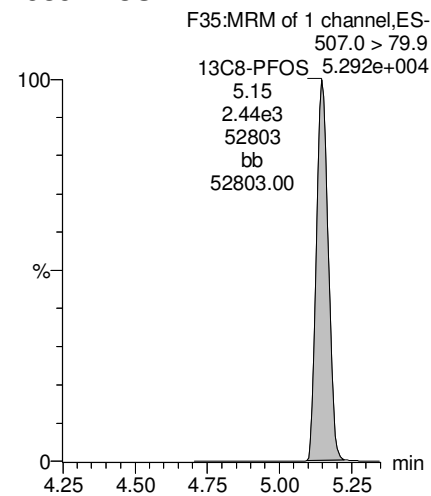
13C2-PFOA



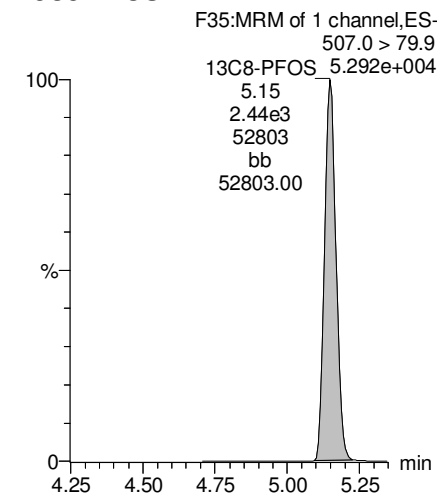
13C2-PFOA



13C8-PFOS



13C8-PFOS



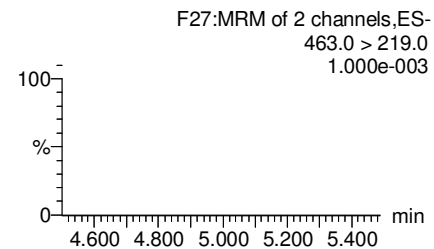
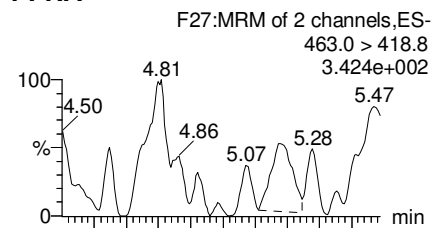
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Last Altered: Monday, October 29, 2018 15:06:22 Pacific Daylight Time

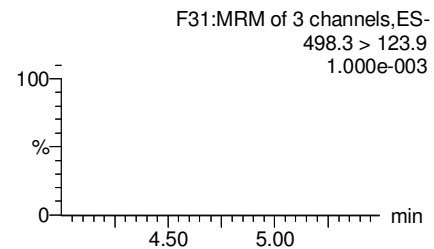
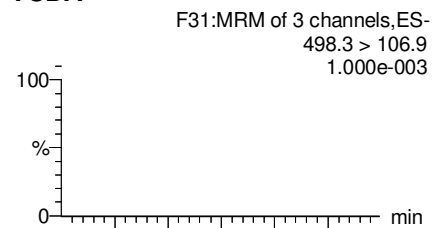
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Name: 181026M2_18, Date: 26-Oct-2018, Time: 18:47:05, ID: 1803286-05 OC-FB03-1018 0.11738, Description: OC-FB03-1018

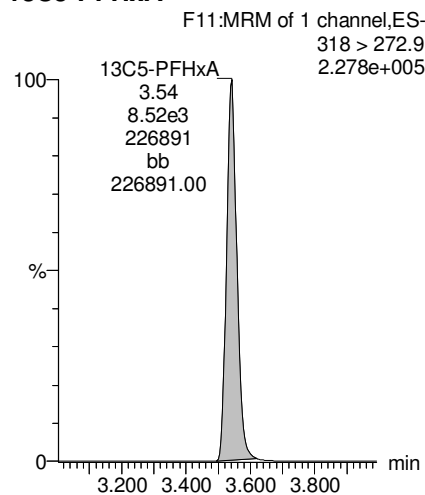
PFNA



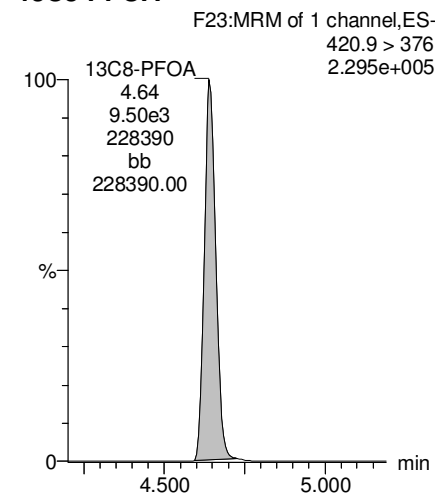
TCDA



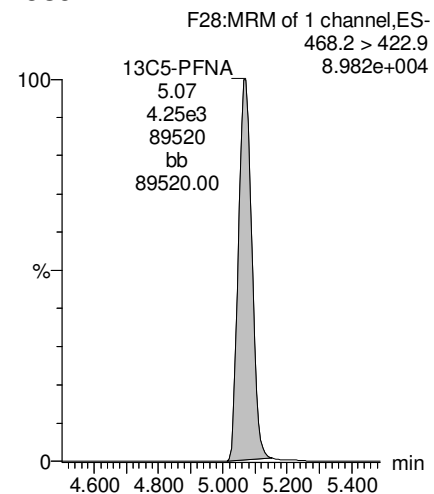
13C5-PFHxA



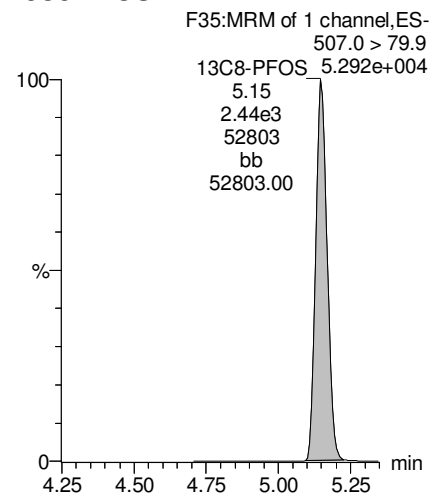
13C8-PFOA



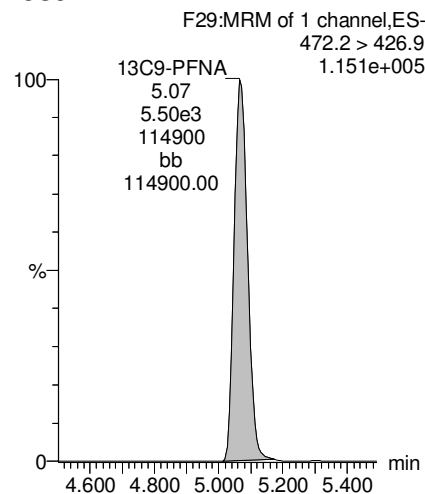
13C5-PFNA



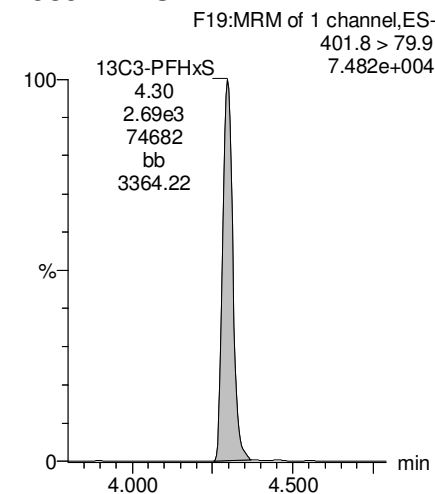
13C8-PFOS



13C9-PFNA



13C3-PFHxS



Dataset: Z:\Projects\PFAS.PRO\Results\181026M2\181026M2-18.qld

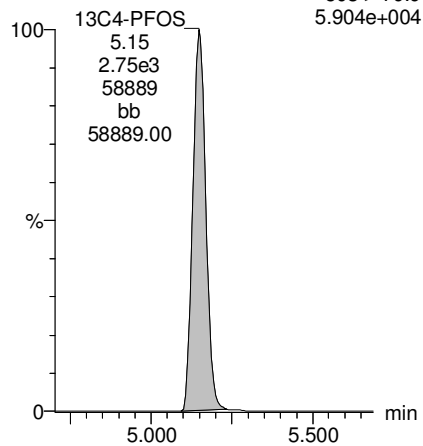
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Printed: Monday, October 29, 2018 15:07:14 Pacific Daylight Time

Name: 181026M2_18, Date: 26-Oct-2018, Time: 18:47:05, ID: 1803286-05 OC-FB03-1018 0.11738, Description: OC-FB03-1018

13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
5.904e+004



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-37B.qld

Last Altered: Monday, October 29, 2018 17:00:04 Pacific Daylight Time

Printed: Monday, October 29, 2018 17:13:06 Pacific Daylight Time

Name: 181019M1_37, Date: 19-Oct-2018, Time: 16:48:13, ID: 1803286-06 OC-RW04-1018 0.11521, Description: OC-RW04-1018

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7		2.00e3	0.115		2.55					
2	7	PFHpA	363.0 > 318.9		8.93e3	0.115		3.84					
3	8	L-PFHxS	398.9 > 79.6	6.21e0	1.64e3	0.115		3.99	4.00	0.0473	0.4538	4.238	YES
4	68	Total PFHxS	398.9 > 79.6	6.21e0	1.64e3	0.115		4.05		0.0473	0.4538		
5	38	13C3-PFBS	302. > 98.8	2.00e3	3.91e3	0.115	0.537	2.55	2.55	6.40	103.4144	95.3	
6	41	13C4-PFHpA	367.2 > 321.8	8.93e3	2.21e4	0.115	0.464	3.84	3.84	5.04	94.4456	87.0	
7	42	18O2-PFHxS	403.0 > 102.6	1.64e3	3.91e3	0.115	0.457	4.01	4.00	5.23	99.3851	91.6	
8	42	18O2-PFHxS	403.0 > 102.6	1.64e3	3.91e3	0.115	0.457	4.01	4.00	5.23	99.3851	91.6	
9	-1												
10	11	L-PFOA	412.8 > 368.9		1.46e4	0.115		4.36					
11	69	Total PFOA	412.8 > 368.9	0.00e0	1.46e4	0.115		4.00		0.000			
12	16	L-PFOS	498.9 > 79.9		4.04e3	0.115		4.89					
13	70	Total PFOS	498.9 > 79.9	0.00e0	4.04e3	0.115		4.60		0.000			
14	44	13C2-PFOA	414.9 > 369.7	1.46e4	2.31e4	0.115	0.713	4.35	4.35	7.92	96.4092	88.9	
15	44	13C2-PFOA	414.9 > 369.7	1.46e4	2.31e4	0.115	0.713	4.35	4.35	7.92	96.4092	88.9	
16	47	13C8-PFOS	507.0 > 79.9	4.04e3	3.90e3	0.115	1.021	4.89	4.88	12.9	109.9911	101.4	
17	47	13C8-PFOS	507.0 > 79.9	4.04e3	3.90e3	0.115	1.021	4.89	4.88	12.9	109.9911	101.4	
18	-1												
19	14	PFNA	463.0 > 418.8		1.26e4	0.115		4.79					
20	73	TCDA	498.3>106.9			0.115		5.15					
21	61	13C5-PFHxA	318 > 272.9	2.21e4	2.21e4	0.115	1.000	3.14	3.15	12.5	108.4975	100.0	
22	63	13C8-PFOA	420.9 > 376	2.31e4	2.31e4	0.115	1.000	4.35	4.35	12.5	108.4975	100.0	
23	45	13C5-PFNA	468.2 > 422.9	1.26e4	1.67e4	0.115	0.937	4.79	4.79	9.42	87.2455	80.4	
24	47	13C8-PFOS	507.0 > 79.9	4.04e3	3.90e3	0.115	1.021	4.89	4.88	12.9	109.9911	101.4	
25	64	13C9-PFNA	472.2 > 426.9	1.67e4	1.67e4	0.115	1.000	4.79	4.79	12.5	108.4975	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	3.91e3	3.91e3	0.115	1.000	4.01	4.00	12.5	108.4975	100.0	
27	65	13C4-PFOS	503 > 79.9	3.90e3	3.90e3	0.115	1.000	4.89	4.88	12.5	108.4975	100.0	

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-37B.qld

Last Altered: Monday, October 29, 2018 17:00:04 Pacific Daylight Time

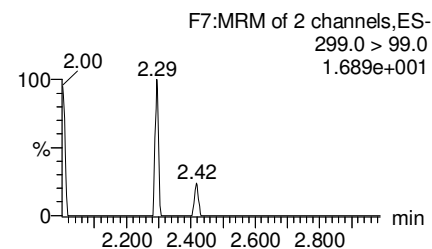
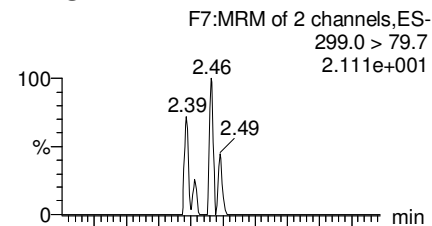
Printed: Monday, October 29, 2018 17:13:06 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

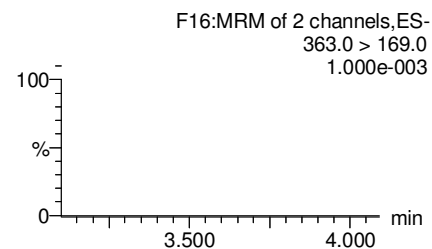
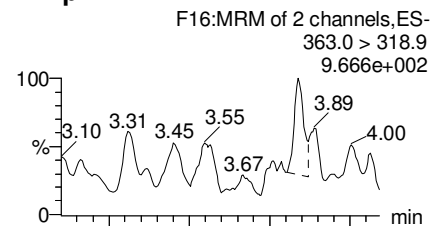
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_37, Date: 19-Oct-2018, Time: 16:48:13, ID: 1803286-06 OC-RW04-1018 0.11521, Description: OC-RW04-1018

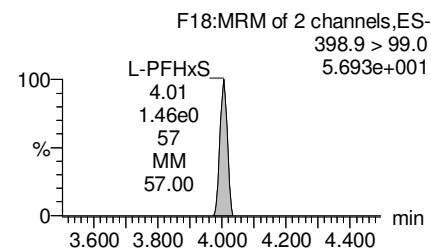
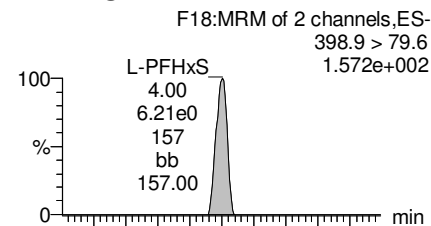
PFBS



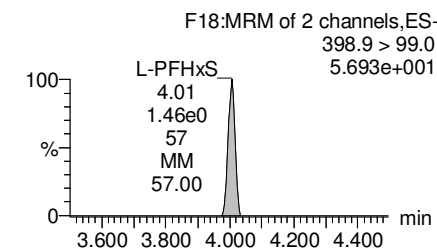
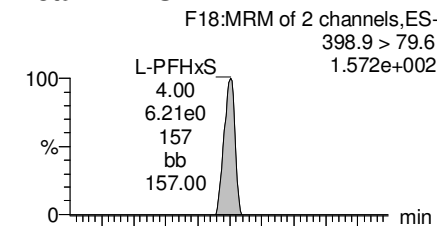
PFHpA



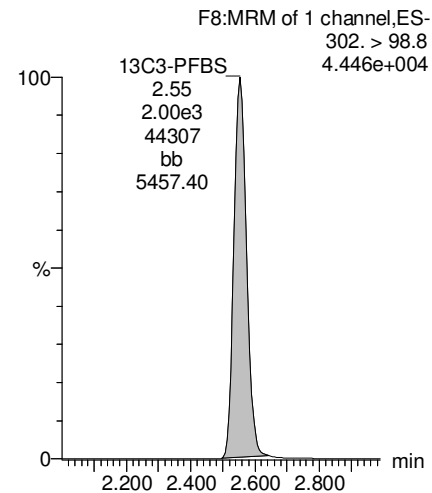
L-PFHxS



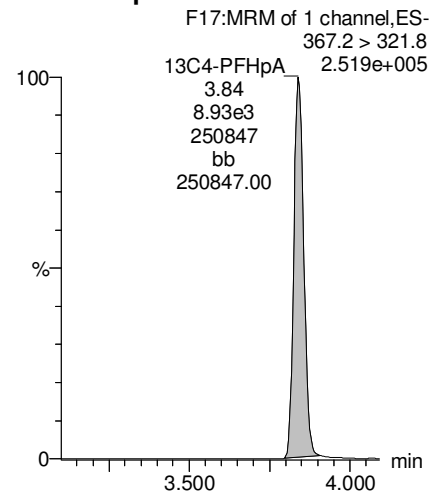
Total PFHxS



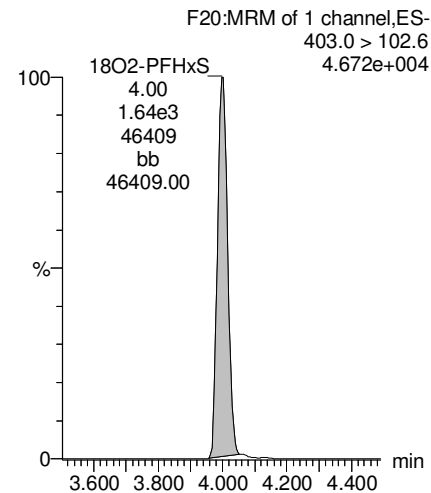
13C3-PFBS



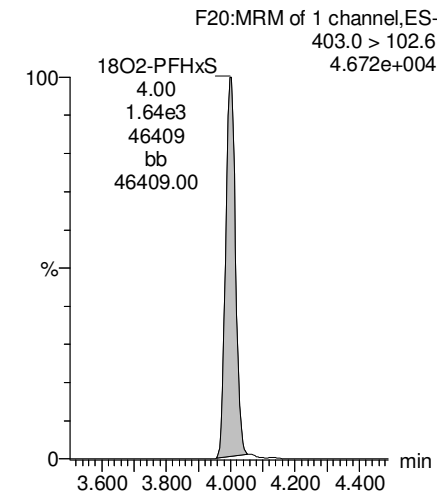
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



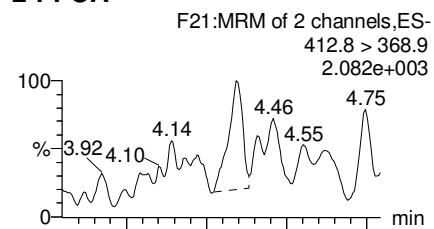
Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-37B.qld

Last Altered: Monday, October 29, 2018 17:00:04 Pacific Daylight Time

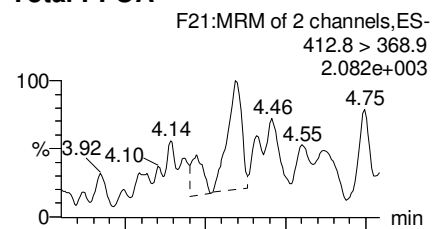
Printed: Monday, October 29, 2018 17:13:06 Pacific Daylight Time

Name: 181019M1_37, Date: 19-Oct-2018, Time: 16:48:13, ID: 1803286-06 OC-RW04-1018 0.11521, Description: OC-RW04-1018

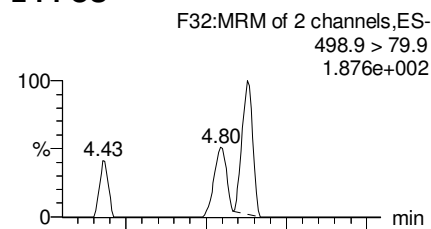
L-PFOA



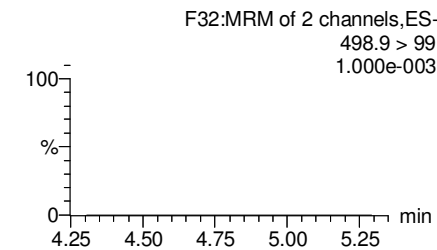
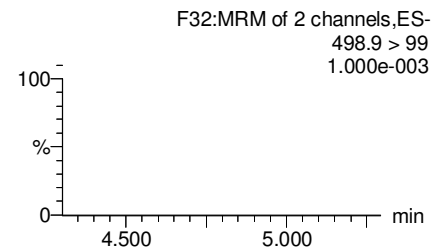
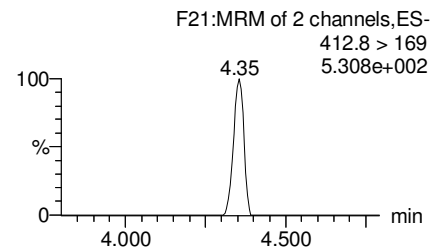
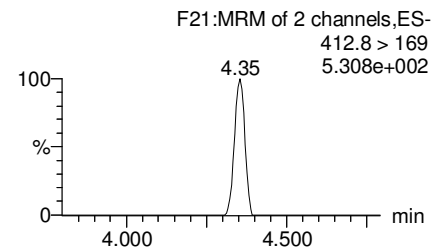
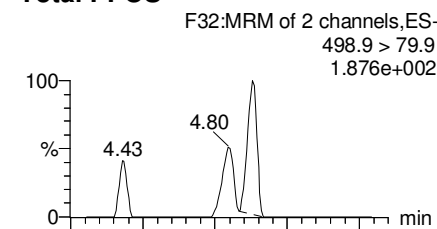
Total PFOA



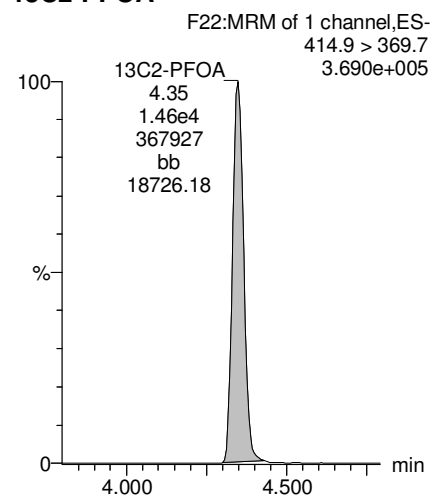
L-PFOS



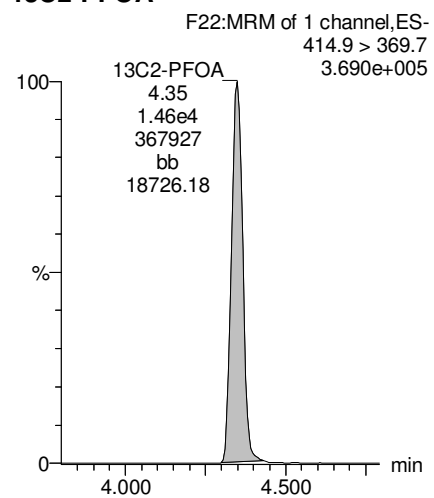
Total PFOS



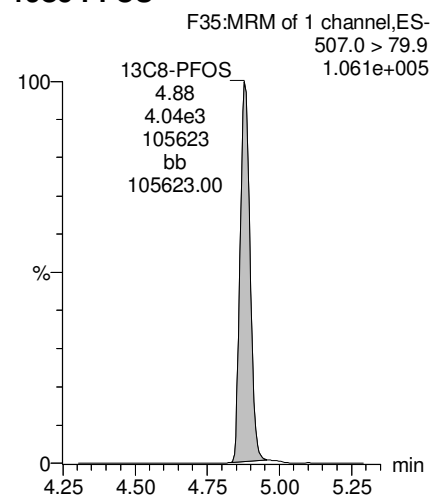
13C2-PFOA



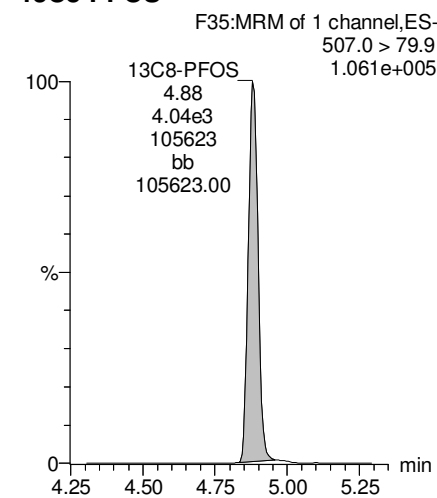
13C2-PFOA



13C8-PFOS



13C8-PFOS



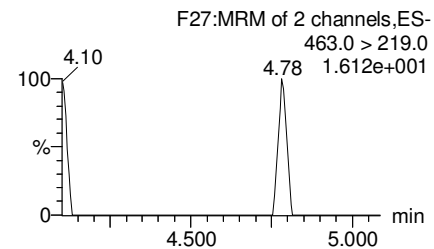
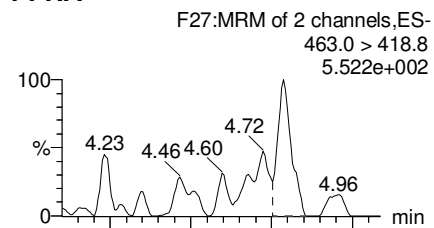
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Last Altered: Monday, October 29, 2018 17:00:04 Pacific Daylight Time

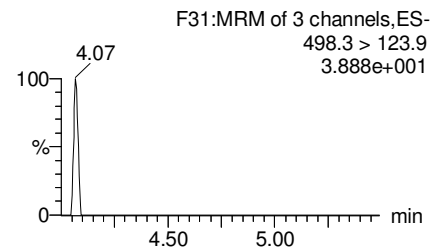
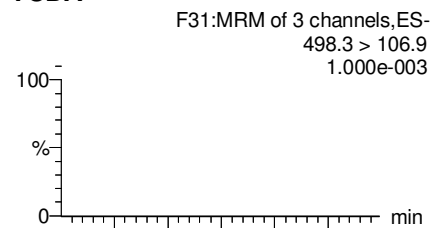
Printed: Monday, October 29, 2018 17:13:06 Pacific Daylight Time

Name: 181019M1_37, Date: 19-Oct-2018, Time: 16:48:13, ID: 1803286-06 OC-RW04-1018 0.11521, Description: OC-RW04-1018

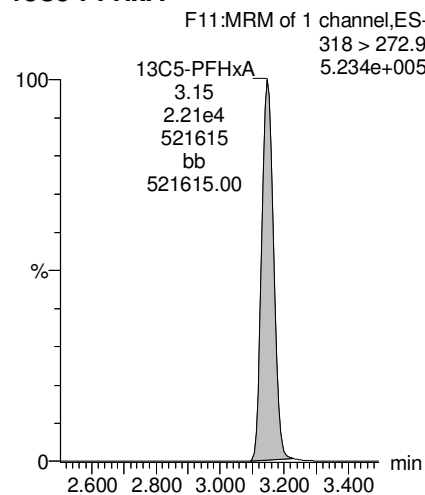
PFNA



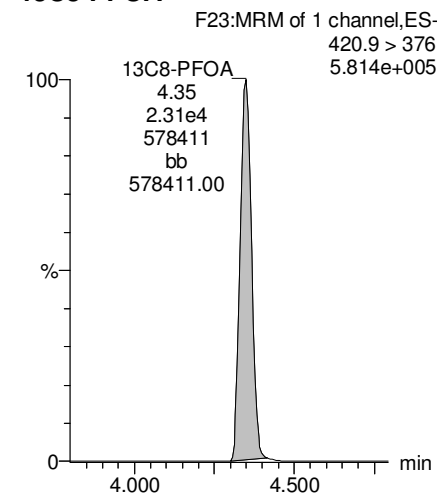
TCDA



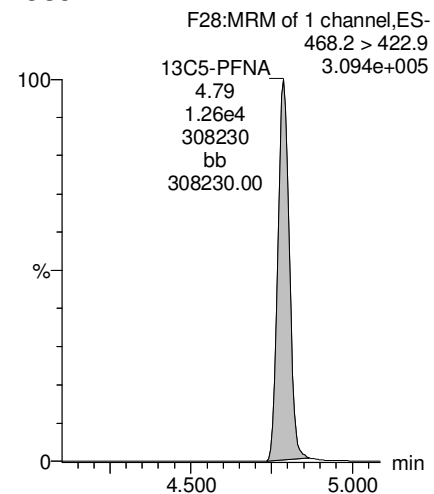
13C5-PFHxA



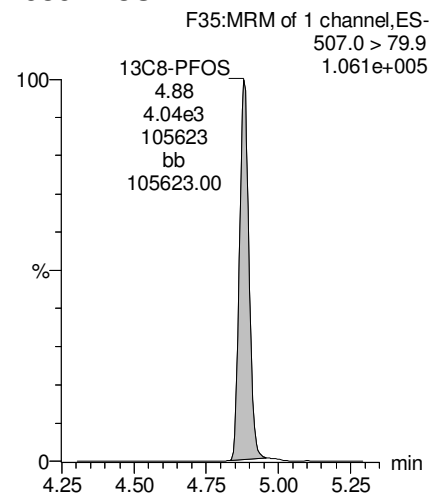
13C8-PFOA



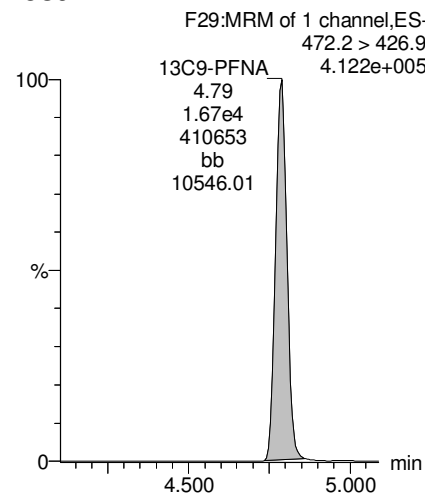
13C5-PFNA



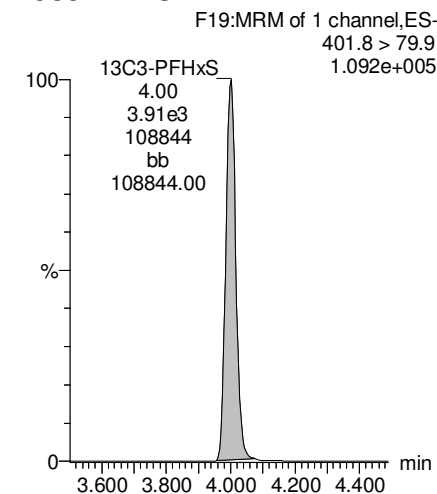
13C8-PFOS



13C9-PFNA



13C3-PFHxS



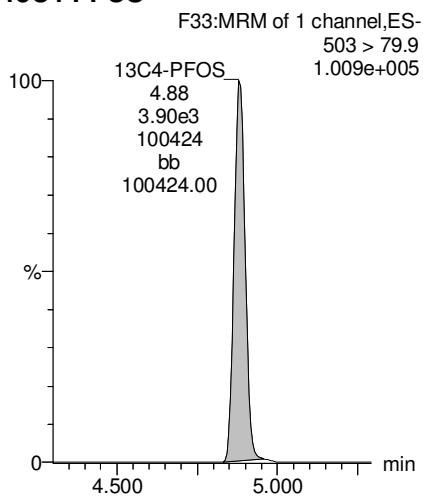
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Last Altered: Monday, October 29, 2018 17:00:04 Pacific Daylight Time

Printed: Monday, October 29, 2018 17:13:06 Pacific Daylight Time

Name: 181019M1_37, Date: 19-Oct-2018, Time: 16:48:13, ID: 1803286-06 OC-RW04-1018 0.11521, Description: OC-RW04-1018

13C4-PFOS



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-38B.qld

Last Altered: Monday, October 29, 2018 17:20:14 Pacific Daylight Time

Printed: Monday, October 29, 2018 17:20:21 Pacific Daylight Time

Name: 181019M1_38, Date: 19-Oct-2018, Time: 16:58:48, ID: 1803286-07 OC-FB04-1018 0.11884, Description: OC-FB04-1018

#	Name	Trace	Area	IS Area	wt/vol	RRF Mean	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	3	PFBS	299.0 > 79.7	1.80e3	0.119		2.55						
2	7	PFHpA	363.0 > 318.9	3.26e1	1.30e4	0.119	3.84	3.83	0.0313			40.569	YES
3	8	L-PFHxS	398.9 > 79.6	3.79e0	1.51e3	0.119	4.00	4.01	0.0314	0.3745		2.067	NO
4	68	Total PFHxS	398.9 > 79.6	3.79e0	1.51e3	0.119	4.05		0.0314	0.3745			
5	38	13C3-PFBS	302. > 98.8	1.80e3	3.70e3	0.119	0.537	2.55	2.55	6.09	95.5342	90.8	
6	41	13C4-PFHpA	367.2 > 321.8	1.30e4	3.12e4	0.119	0.464	3.84	3.84	5.21	94.6521	90.0	
7	42	18O2-PFHxS	403.0 > 102.6	1.51e3	3.70e3	0.119	0.457	4.01	4.00	5.11	94.1598	89.5	
8	42	18O2-PFHxS	403.0 > 102.6	1.51e3	3.70e3	0.119	0.457	4.01	4.00	5.11	94.1598	89.5	
9	-1												
10	11	L-PFOA	412.8 > 368.9	1.46e2	2.15e4	0.119	4.36	4.35	0.0845			4.537	NO
11	69	Total PFOA	412.8 > 368.9	1.46e2	2.15e4	0.119	4.00		0.000				
12	16	L-PFOS	498.9 > 79.9		3.54e3	0.119	4.89						
13	70	Total PFOS	498.9 > 79.9	0.00e0	3.54e3	0.119	4.60		0.000				
14	44	13C2-PFOA	414.9 > 369.7	2.15e4	3.60e4	0.119	0.713	4.35	4.35	7.48	88.3418	84.0	
15	44	13C2-PFOA	414.9 > 369.7	2.15e4	3.60e4	0.119	0.713	4.35	4.35	7.48	88.3418	84.0	
16	47	13C8-PFOS	507.0 > 79.9	3.54e3	3.70e3	0.119	1.021	4.89	4.88	12.0	98.5545	93.7	
17	47	13C8-PFOS	507.0 > 79.9	3.54e3	3.70e3	0.119	1.021	4.89	4.88	12.0	98.5545	93.7	
18	-1												
19	14	PFNA	463.0 > 418.8		1.78e4	0.119	4.79						
20	73	TCDA	498.3>106.9			0.119	5.15						
21	61	13C5-PFHxA	318 > 272.9	3.12e4	3.12e4	0.119	1.000	3.14	3.14	12.5	105.1834	100.0	
22	63	13C8-PFOA	420.9 > 376	3.60e4	3.60e4	0.119	1.000	4.35	4.35	12.5	105.1834	100.0	
23	45	13C5-PFNA	468.2 > 422.9	1.78e4	2.45e4	0.119	0.937	4.79	4.79	9.07	81.4400	77.4	
24	47	13C8-PFOS	507.0 > 79.9	3.54e3	3.70e3	0.119	1.021	4.89	4.88	12.0	98.5545	93.7	
25	64	13C9-PFNA	472.2 > 426.9	2.45e4	2.45e4	0.119	1.000	4.79	4.79	12.5	105.1834	100.0	
26	62	13C3-PFHxS	401.8 > 79.9	3.70e3	3.70e3	0.119	1.000	4.01	4.00	12.5	105.1834	100.0	
27	65	13C4-PFOS	503 > 79.9	3.70e3	3.70e3	0.119	1.000	4.89	4.88	12.5	105.1834	100.0	

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-38B.qld

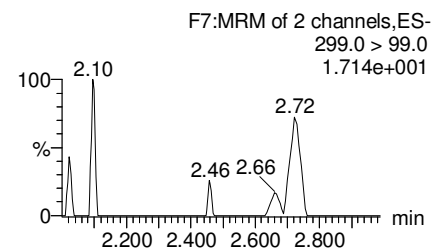
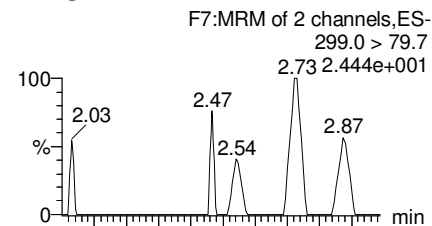
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Printed: Monday, October 29, 2018 17:20:21 Pacific Daylight Time

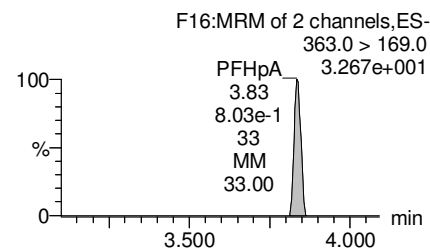
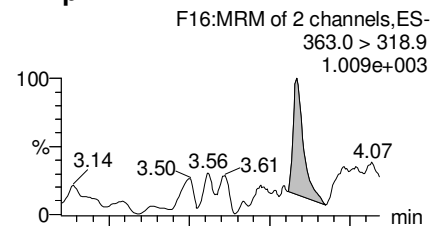
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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_38, Date: 19-Oct-2018, Time: 16:58:48, ID: 1803286-07 OC-FB04-1018 0.11884, Description: OC-FB04-1018

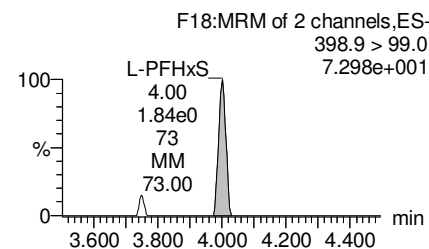
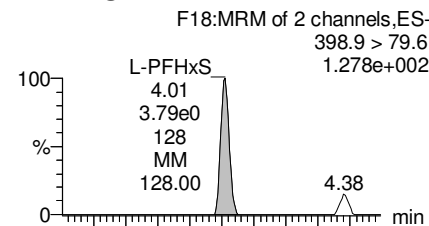
PFBS



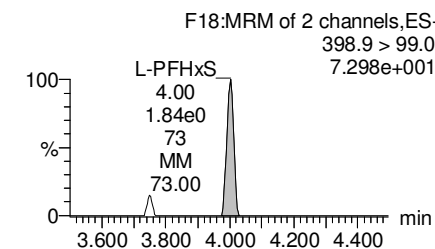
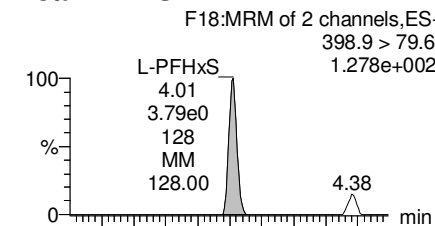
PFHpA



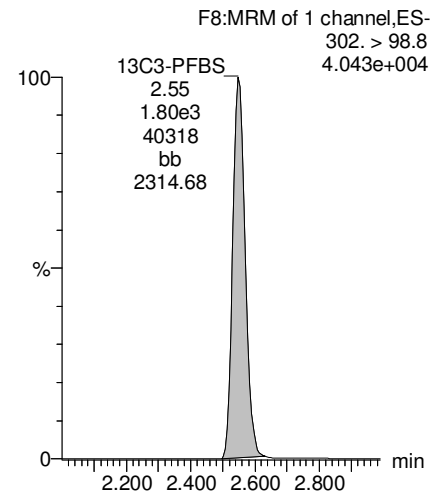
L-PFHxS



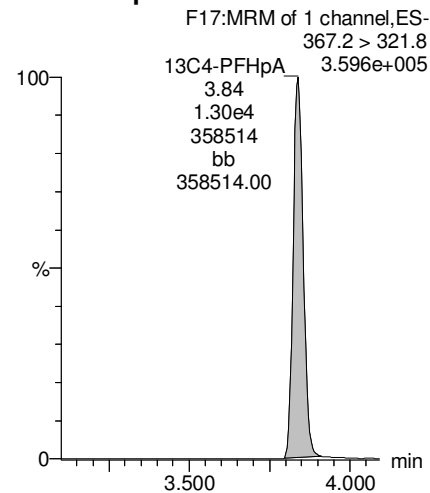
Total PFHxS



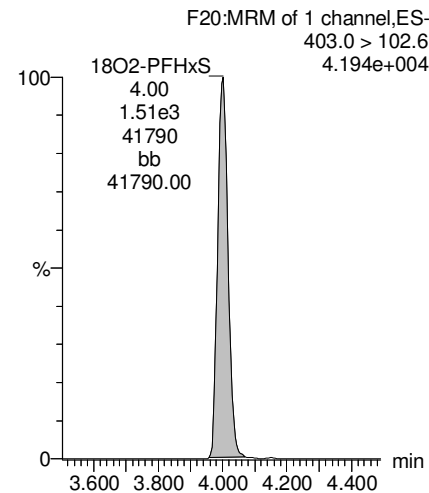
13C3-PFBS



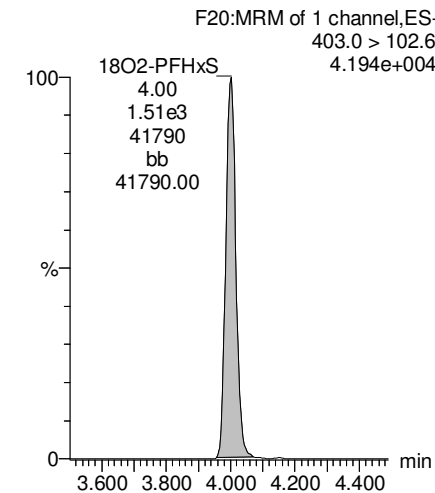
13C4-PFHpA



18O2-PFHxS



18O2-PFHxS



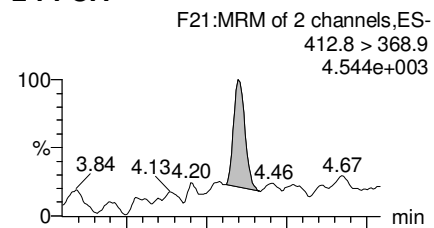
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Last Altered: Monday, October 29, 2018 17:20:14 Pacific Daylight Time

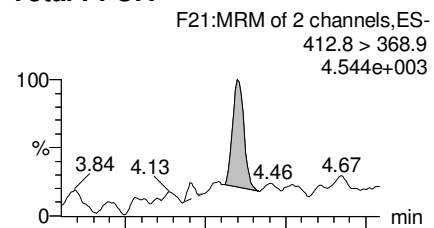
Printed: Monday, October 29, 2018 17:20:21 Pacific Daylight Time

Name: 181019M1_38, Date: 19-Oct-2018, Time: 16:58:48, ID: 1803286-07 OC-FB04-1018 0.11884, Description: OC-FB04-1018

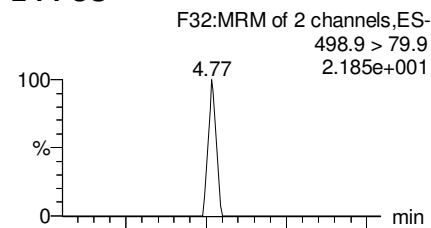
L-PFOA



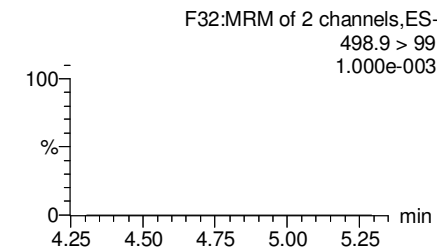
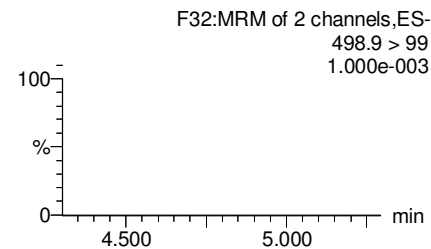
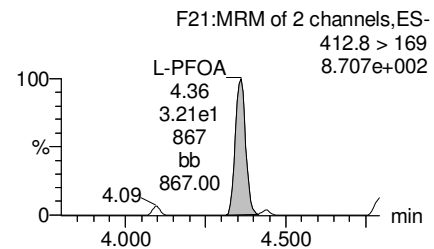
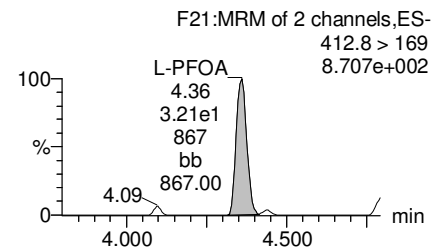
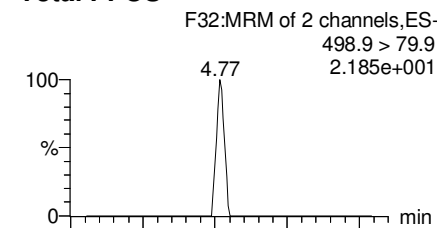
Total PFOA



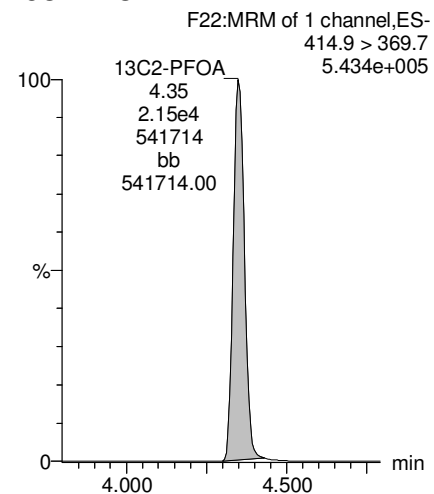
L-PFOS



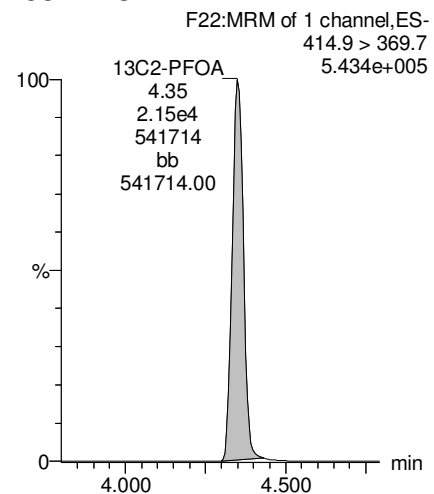
Total PFOS



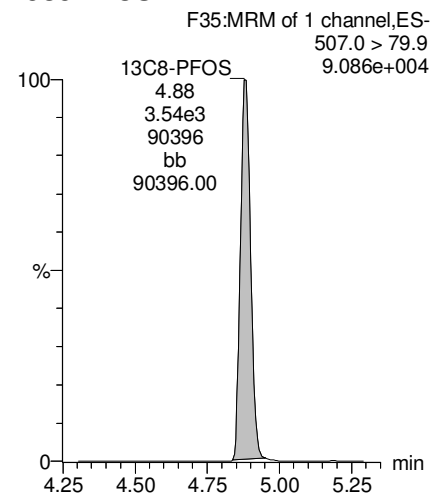
13C2-PFOA



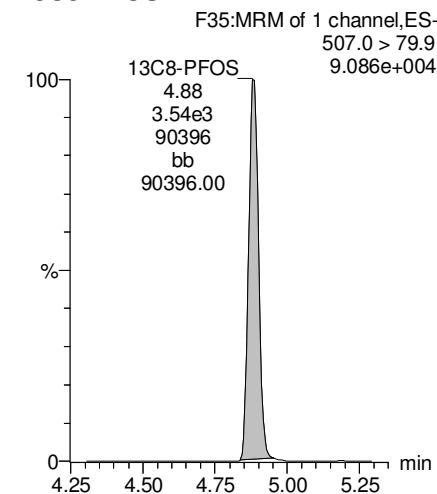
13C2-PFOA



13C8-PFOS



13C8-PFOS



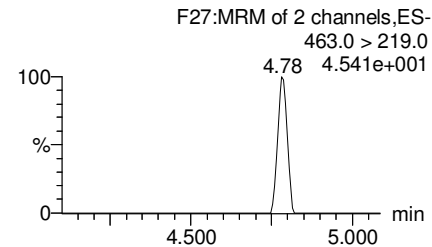
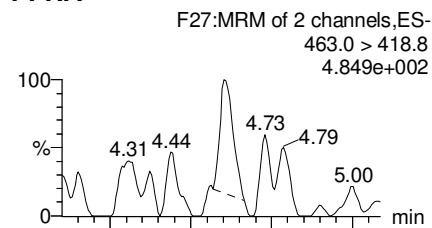
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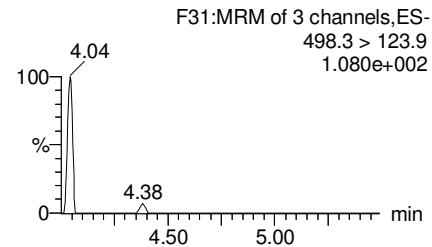
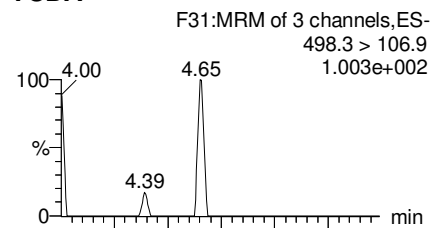
Printed: Monday, October 29, 2018 17:20:21 Pacific Daylight Time

Name: 181019M1_38, Date: 19-Oct-2018, Time: 16:58:48, ID: 1803286-07 OC-FB04-1018 0.11884, Description: OC-FB04-1018

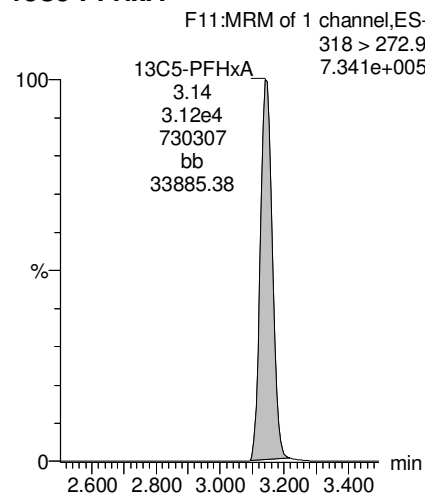
PFNA



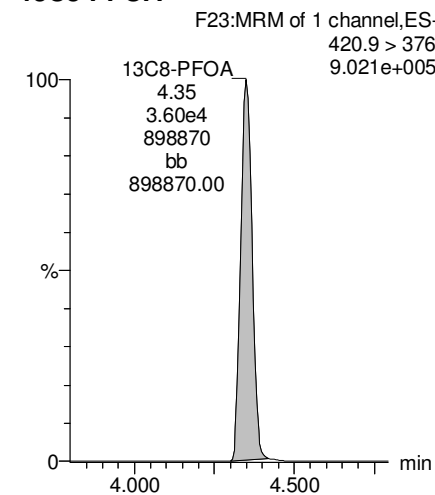
TCDA



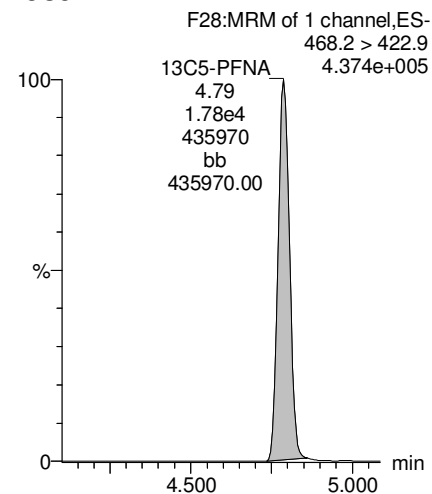
13C5-PFHxA



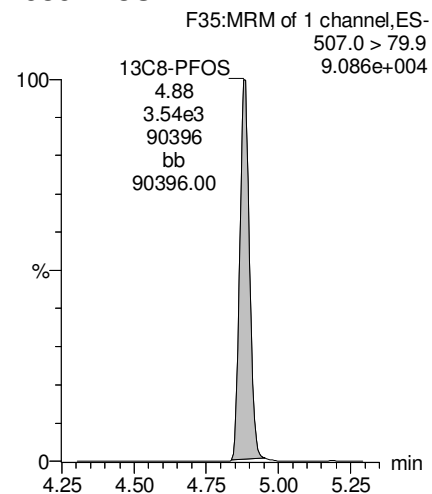
13C8-PFOA



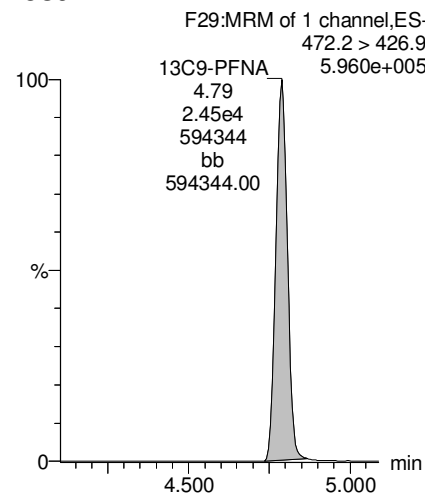
13C5-PFNA



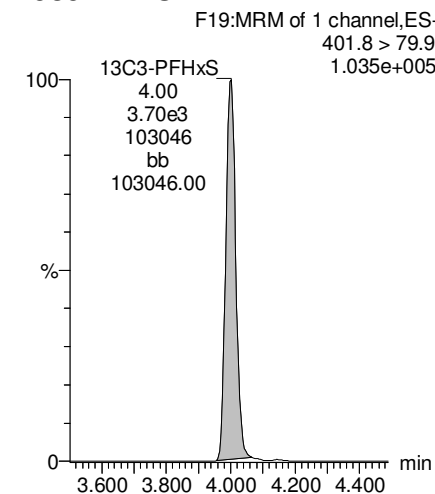
13C8-PFOS



13C9-PFNA



13C3-PFHxS



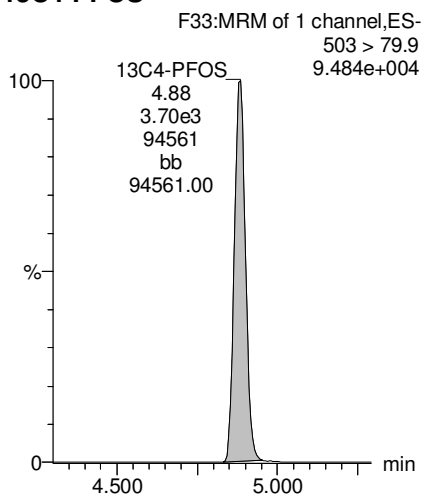
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Last Altered: Monday, October 29, 2018 17:20:14 Pacific Daylight Time

Printed: Monday, October 29, 2018 17:20:21 Pacific Daylight Time

Name: 181019M1_38, Date: 19-Oct-2018, Time: 16:58:48, ID: 1803286-07 OC-FB04-1018 0.11884, Description: OC-FB04-1018

13C4-PFOS



**INJECTION INTERNAL STANDARD (IIS) AREAS,
INSTRUMENT BLANKS (IB)
AND
CONTINUING CALIBRATION VERIFICATIONS (CCV)**

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time
Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-10-12-18.mdb 12 Oct 2018 09:15:26
Calibration: 20 Oct 2018 11:32:37

Name: 181019M1_4, Date: 19-Oct-2018, Time: 10:57:49, ID: ST181019M1-3 PFC CS0 18J1704, Description: PFC CS0 18J1704

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-3 PFC CS0 18J1704	1.02e4	100.0	NO
2	2 13C5-PFHxA	ST181019M1-3 PFC CS0 18J1704	3.29e4	100.0	NO
3	3 13C3-PFHxS	ST181019M1-3 PFC CS0 18J1704	3.74e3	100.0	NO
4	4 13C8-PFOA	ST181019M1-3 PFC CS0 18J1704	3.82e4	100.0	NO
5	5 13C9-PFNA	ST181019M1-3 PFC CS0 18J1704	2.57e4	100.0	NO
6	6 13C4-PFOS	ST181019M1-3 PFC CS0 18J1704	3.91e3	100.0	NO
7	7 13C6-PFDA	ST181019M1-3 PFC CS0 18J1704	2.94e4	100.0	NO
8	8 13C7-PFUDa	ST181019M1-3 PFC CS0 18J1704	3.32e4	100.0	NO

Name: 181019M1_5, Date: 19-Oct-2018, Time: 11:08:22, ID: ST181019M1-4 PFC CS1 18J1705, Description: PFC CS1 18J1705

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-4 PFC CS1 18J1705	1.06e4	104.4	NO
2	2 13C5-PFHxA	ST181019M1-4 PFC CS1 18J1705	3.35e4	101.7	NO
3	3 13C3-PFHxS	ST181019M1-4 PFC CS1 18J1705	3.81e3	101.9	NO
4	4 13C8-PFOA	ST181019M1-4 PFC CS1 18J1705	3.86e4	101.1	NO
5	5 13C9-PFNA	ST181019M1-4 PFC CS1 18J1705	2.62e4	102.3	NO
6	6 13C4-PFOS	ST181019M1-4 PFC CS1 18J1705	3.82e3	97.8	NO
7	7 13C6-PFDA	ST181019M1-4 PFC CS1 18J1705	3.08e4	104.8	NO
8	8 13C7-PFUDa	ST181019M1-4 PFC CS1 18J1705	3.43e4	103.3	NO

Name: 181019M1_6, Date: 19-Oct-2018, Time: 11:19:00, ID: ST181019M1-5 PFC CS2 18J1706, Description: PFC CS2 18J1706

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-5 PFC CS2 18J1706	1.03e4	101.8	NO
2	2 13C5-PFHxA	ST181019M1-5 PFC CS2 18J1706	3.36e4	102.1	NO
3	3 13C3-PFHxS	ST181019M1-5 PFC CS2 18J1706	3.75e3	100.4	NO
4	4 13C8-PFOA	ST181019M1-5 PFC CS2 18J1706	3.86e4	101.3	NO
5	5 13C9-PFNA	ST181019M1-5 PFC CS2 18J1706	2.57e4	100.3	NO
6	6 13C4-PFOS	ST181019M1-5 PFC CS2 18J1706	3.87e3	98.9	NO
7	7 13C6-PFDA	ST181019M1-5 PFC CS2 18J1706	3.10e4	105.3	NO
8	8 13C7-PFUDa	ST181019M1-5 PFC CS2 18J1706	3.53e4	106.2	NO

Name: 181019M1_7, Date: 19-Oct-2018, Time: 11:29:32, ID: ST181019M1-6 PFC CS3 18J1707, Description: PFC CS3 18J1707

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-6 PFC CS3 18J1707	1.01e4	99.9	NO
2	2 13C5-PFHxA	ST181019M1-6 PFC CS3 18J1707	3.24e4	98.4	NO
3	3 13C3-PFHxS	ST181019M1-6 PFC CS3 18J1707	3.76e3	100.7	NO
4	4 13C8-PFOA	ST181019M1-6 PFC CS3 18J1707	3.73e4	97.8	NO
5	5 13C9-PFNA	ST181019M1-6 PFC CS3 18J1707	2.70e4	105.3	NO
6	6 13C4-PFOS	ST181019M1-6 PFC CS3 18J1707	3.83e3	97.8	NO
7	7 13C6-PFDA	ST181019M1-6 PFC CS3 18J1707	2.94e4	99.9	NO
8	8 13C7-PFUDa	ST181019M1-6 PFC CS3 18J1707	3.40e4	102.4	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_8, Date: 19-Oct-2018, Time: 11:40:11, ID: ST181019M1-7 PFC CS4 18J1708, Description: PFC CS4 18J1708

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-7 PFC CS4 18J1708	1.06e4	104.2	NO
2	2 13C5-PFHxA	ST181019M1-7 PFC CS4 18J1708	3.19e4	96.7	NO
3	3 13C3-PFHxS	ST181019M1-7 PFC CS4 18J1708	3.57e3	95.6	NO
4	4 13C8-PFOA	ST181019M1-7 PFC CS4 18J1708	3.65e4	95.7	NO
5	5 13C9-PFNA	ST181019M1-7 PFC CS4 18J1708	2.59e4	100.9	NO
6	6 13C4-PFOS	ST181019M1-7 PFC CS4 18J1708	3.64e3	93.0	NO
7	7 13C6-PFDA	ST181019M1-7 PFC CS4 18J1708	2.91e4	99.1	NO
8	8 13C7-PFUDa	ST181019M1-7 PFC CS4 18J1708	3.39e4	101.9	NO

Name: 181019M1_9, Date: 19-Oct-2018, Time: 11:50:49, ID: ST181019M1-8 PFC CS5 18J1709, Description: PFC CS5 18J1709

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-8 PFC CS5 18J1709	1.04e4	102.0	NO
2	2 13C5-PFHxA	ST181019M1-8 PFC CS5 18J1709	3.09e4	93.8	NO
3	3 13C3-PFHxS	ST181019M1-8 PFC CS5 18J1709	3.59e3	96.1	NO
4	4 13C8-PFOA	ST181019M1-8 PFC CS5 18J1709	3.50e4	91.8	NO
5	5 13C9-PFNA	ST181019M1-8 PFC CS5 18J1709	2.41e4	94.0	NO
6	6 13C4-PFOS	ST181019M1-8 PFC CS5 18J1709	3.49e3	89.3	NO
7	7 13C6-PFDA	ST181019M1-8 PFC CS5 18J1709	2.81e4	95.6	NO
8	8 13C7-PFUDa	ST181019M1-8 PFC CS5 18J1709	3.13e4	94.1	NO

Name: 181019M1_10, Date: 19-Oct-2018, Time: 12:01:22, ID: ST181019M1-9 PFC CS6 18J1710, Description: PFC CS6 18J1710

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-9 PFC CS6 18J1710	1.01e4	99.1	NO
2	2 13C5-PFHxA	ST181019M1-9 PFC CS6 18J1710	2.74e4	83.2	NO
3	3 13C3-PFHxS	ST181019M1-9 PFC CS6 18J1710	3.10e3	82.9	NO
4	4 13C8-PFOA	ST181019M1-9 PFC CS6 18J1710	3.17e4	83.0	NO
5	5 13C9-PFNA	ST181019M1-9 PFC CS6 18J1710	2.11e4	82.3	NO
6	6 13C4-PFOS	ST181019M1-9 PFC CS6 18J1710	3.25e3	83.2	NO
7	7 13C6-PFDA	ST181019M1-9 PFC CS6 18J1710	2.49e4	84.8	NO
8	8 13C7-PFUDa	ST181019M1-9 PFC CS6 18J1710	2.70e4	81.2	NO

Name: 181019M1_11, Date: 19-Oct-2018, Time: 12:12:00, ID: ST181019M1-10 PFC CS7 18J1711, Description: PFC CS7 18J1711

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-10 PFC CS7 18J1711	9.31e3	91.7	NO
2	2 13C5-PFHxA	ST181019M1-10 PFC CS7 18J1711	2.45e4	74.3	NO
3	3 13C3-PFHxS	ST181019M1-10 PFC CS7 18J1711	2.61e3	69.8	NO
4	4 13C8-PFOA	ST181019M1-10 PFC CS7 18J1711	2.80e4	73.4	NO
5	5 13C9-PFNA	ST181019M1-10 PFC CS7 18J1711	1.86e4	72.3	NO
6	6 13C4-PFOS	ST181019M1-10 PFC CS7 18J1711	2.92e3	74.7	NO
7	7 13C6-PFDA	ST181019M1-10 PFC CS7 18J1711	2.12e4	72.0	NO
8	8 13C7-PFUDa	ST181019M1-10 PFC CS7 18J1711	2.25e4	67.6	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 181019M1_13, Date: 19-Oct-2018, Time: 12:33:12, ID: ICV181019M1-1 PFC ICV 18J1712, Description: PFC ICV 18J1712

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV181019M1-1 PFC ICV 18J1712	1.06e4	104.5	NO
2	2 13C5-PFHxA	ICV181019M1-1 PFC ICV 18J1712	3.41e4	103.5	NO
3	3 13C3-PFHxS	ICV181019M1-1 PFC ICV 18J1712	3.81e3	102.1	NO
4	4 13C8-PFOA	ICV181019M1-1 PFC ICV 18J1712	3.85e4	100.9	NO
5	5 13C9-PFNA	ICV181019M1-1 PFC ICV 18J1712	2.69e4	105.0	NO
6	6 13C4-PFOS	ICV181019M1-1 PFC ICV 18J1712	3.85e3	98.4	NO
7	7 13C6-PFDA	ICV181019M1-1 PFC ICV 18J1712	3.19e4	108.3	NO
8	8 13C7-PFUDa	ICV181019M1-1 PFC ICV 18J1712	3.54e4	106.6	NO

Name: 181019M1_14, Date: 19-Oct-2018, Time: 12:43:45, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA	5.31e0	0.1	YES
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 181019M1_15, Date: 19-Oct-2018, Time: 12:54:26, ID: B8J0135-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0135-BS1 OPR 0.125	1.54e4	151.8	YES
2	2 13C5-PFHxA	B8J0135-BS1 OPR 0.125	3.29e4	100.0	NO
3	3 13C3-PFHxS	B8J0135-BS1 OPR 0.125	4.39e3	117.5	NO
4	4 13C8-PFOA	B8J0135-BS1 OPR 0.125	4.13e4	108.3	NO
5	5 13C9-PFNA	B8J0135-BS1 OPR 0.125	2.96e4	115.4	NO
6	6 13C4-PFOS	B8J0135-BS1 OPR 0.125	4.20e3	107.4	NO
7	7 13C6-PFDA	B8J0135-BS1 OPR 0.125	3.50e4	119.0	NO
8	8 13C7-PFUDa	B8J0135-BS1 OPR 0.125	4.07e4	122.4	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_16, Date: 19-Oct-2018, Time: 13:05:02, ID: 1803319-03RE1 REEPAC437 0.11926, Description: REEPAC437

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803319-03RE1 REEPAC437 0.11926	6.11e3	60.2	NO
2	2 13C5-PFHxA	1803319-03RE1 REEPAC437 0.11926	1.55e4	47.0	YES
3	3 13C3-PFHxS	1803319-03RE1 REEPAC437 0.11926	4.13e3	110.5	NO
4	4 13C8-PFOA	1803319-03RE1 REEPAC437 0.11926	2.65e4	69.4	NO
5	5 13C9-PFNA	1803319-03RE1 REEPAC437 0.11926	1.94e4	75.5	NO
6	6 13C4-PFOS	1803319-03RE1 REEPAC437 0.11926	4.24e3	108.4	NO
7	7 13C6-PFDA	1803319-03RE1 REEPAC437 0.11926	2.74e4	93.1	NO
8	8 13C7-PFUDa	1803319-03RE1 REEPAC437 0.11926	3.36e4	101.0	NO

Name: 181019M1_17, Date: 19-Oct-2018, Time: 13:15:35, ID: 1803319-04RE1 REEPAC673 0.11792, Description: REEPAC673

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803319-04RE1 REEPAC673 0.11792	3.39e3	33.4	YES
2	2 13C5-PFHxA	1803319-04RE1 REEPAC673 0.11792	1.42e4	43.1	YES
3	3 13C3-PFHxS	1803319-04RE1 REEPAC673 0.11792	3.13e3	83.7	NO
4	4 13C8-PFOA	1803319-04RE1 REEPAC673 0.11792	2.37e4	62.2	NO
5	5 13C9-PFNA	1803319-04RE1 REEPAC673 0.11792	1.69e4	66.1	NO
6	6 13C4-PFOS	1803319-04RE1 REEPAC673 0.11792	3.32e3	84.9	NO
7	7 13C6-PFDA	1803319-04RE1 REEPAC673 0.11792	2.21e4	75.2	NO
8	8 13C7-PFUDa	1803319-04RE1 REEPAC673 0.11792	2.57e4	77.3	NO

Name: 181019M1_18, Date: 19-Oct-2018, Time: 13:26:14, ID: 1803319-05RE1 REEPEF438 0.11781, Description: REEPEF438

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803319-05RE1 REEPEF438 0.11781	4.85e3	47.8	YES
2	2 13C5-PFHxA	1803319-05RE1 REEPEF438 0.11781	1.40e4	42.6	YES
3	3 13C3-PFHxS	1803319-05RE1 REEPEF438 0.11781	3.89e3	104.1	NO
4	4 13C8-PFOA	1803319-05RE1 REEPEF438 0.11781	2.76e4	72.3	NO
5	5 13C9-PFNA	1803319-05RE1 REEPEF438 0.11781	2.03e4	79.0	NO
6	6 13C4-PFOS	1803319-05RE1 REEPEF438 0.11781	4.04e3	103.3	NO
7	7 13C6-PFDA	1803319-05RE1 REEPEF438 0.11781	2.84e4	96.6	NO
8	8 13C7-PFUDa	1803319-05RE1 REEPEF438 0.11781	3.32e4	99.9	NO

Name: 181019M1_19, Date: 19-Oct-2018, Time: 13:36:46, ID: 1803319-06RE1 REEPAR438 0.11591, Description: REEPAR438

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803319-06RE1 REEPAR438 0.11591	4.82e3	47.5	YES
2	2 13C5-PFHxA	1803319-06RE1 REEPAR438 0.11591	1.82e4	55.2	NO
3	3 13C3-PFHxS	1803319-06RE1 REEPAR438 0.11591	4.19e3	112.1	NO
4	4 13C8-PFOA	1803319-06RE1 REEPAR438 0.11591	3.09e4	80.9	NO
5	5 13C9-PFNA	1803319-06RE1 REEPAR438 0.11591	2.22e4	86.6	NO
6	6 13C4-PFOS	1803319-06RE1 REEPAR438 0.11591	4.48e3	114.6	NO
7	7 13C6-PFDA	1803319-06RE1 REEPAR438 0.11591	2.95e4	100.3	NO
8	8 13C7-PFUDa	1803319-06RE1 REEPAR438 0.11591	3.48e4	104.6	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_20, Date: 19-Oct-2018, Time: 13:47:25, ID: 1803319-07RE1 REEPAC438 0.11883, Description: REEPAC438

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803319-07RE1 REEPAC438 0.11883	4.35e3	42.8	YES
2	2 13C5-PFHxA	1803319-07RE1 REEPAC438 0.11883	1.17e4	35.6	YES
3	3 13C3-PFHxS	1803319-07RE1 REEPAC438 0.11883	3.72e3	99.7	NO
4	4 13C8-PFOA	1803319-07RE1 REEPAC438 0.11883	2.18e4	57.1	NO
5	5 13C9-PFNA	1803319-07RE1 REEPAC438 0.11883	1.71e4	66.6	NO
6	6 13C4-PFOS	1803319-07RE1 REEPAC438 0.11883	3.65e3	93.3	NO
7	7 13C6-PFDA	1803319-07RE1 REEPAC438 0.11883	2.28e4	77.6	NO
8	8 13C7-PFUDa	1803319-07RE1 REEPAC438 0.11883	2.79e4	84.1	NO

Name: 181019M1_21, Date: 19-Oct-2018, Time: 13:57:58, ID: 1803319-14RE1 REEPAC440 0.11798, Description: REEPAC440

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803319-14RE1 REEPAC440 0.11798	3.64e3	35.8	YES
2	2 13C5-PFHxA	1803319-14RE1 REEPAC440 0.11798	8.41e3	25.5	YES
3	3 13C3-PFHxS	1803319-14RE1 REEPAC440 0.11798	3.51e3	94.0	NO
4	4 13C8-PFOA	1803319-14RE1 REEPAC440 0.11798	1.49e4	39.1	YES
5	5 13C9-PFNA	1803319-14RE1 REEPAC440 0.11798	1.27e4	49.4	YES
6	6 13C4-PFOS	1803319-14RE1 REEPAC440 0.11798	3.51e3	89.9	NO
7	7 13C6-PFDA	1803319-14RE1 REEPAC440 0.11798	1.80e4	61.3	NO
8	8 13C7-PFUDa	1803319-14RE1 REEPAC440 0.11798	2.42e4	72.9	NO

Name: 181019M1_22, Date: 19-Oct-2018, Time: 14:08:35, ID: 1803319-15RE1 REEPEF441 0.11813, Description: REEPEF441

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803319-15RE1 REEPEF441 0.11813	3.42e3	33.7	YES
2	2 13C5-PFHxA	1803319-15RE1 REEPEF441 0.11813	1.08e4	32.9	YES
3	3 13C3-PFHxS	1803319-15RE1 REEPEF441 0.11813	3.13e3	83.6	NO
4	4 13C8-PFOA	1803319-15RE1 REEPEF441 0.11813	2.10e4	55.0	NO
5	5 13C9-PFNA	1803319-15RE1 REEPEF441 0.11813	1.59e4	62.2	NO
6	6 13C4-PFOS	1803319-15RE1 REEPEF441 0.11813	3.23e3	82.5	NO
7	7 13C6-PFDA	1803319-15RE1 REEPEF441 0.11813	2.12e4	71.9	NO
8	8 13C7-PFUDa	1803319-15RE1 REEPEF441 0.11813	2.57e4	77.2	NO

Name: 181019M1_23, Date: 19-Oct-2018, Time: 14:19:07, ID: 1803319-16RE1 REEPAR441 0.11624, Description: REEPAR441

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803319-16RE1 REEPAR441 0.11624	4.21e3	41.5	YES
2	2 13C5-PFHxA	1803319-16RE1 REEPAR441 0.11624	1.09e4	33.2	YES
3	3 13C3-PFHxS	1803319-16RE1 REEPAR441 0.11624	3.46e3	92.7	NO
4	4 13C8-PFOA	1803319-16RE1 REEPAR441 0.11624	2.05e4	53.8	NO
5	5 13C9-PFNA	1803319-16RE1 REEPAR441 0.11624	1.55e4	60.4	NO
6	6 13C4-PFOS	1803319-16RE1 REEPAR441 0.11624	3.83e3	98.0	NO
7	7 13C6-PFDA	1803319-16RE1 REEPAR441 0.11624	2.09e4	71.1	NO
8	8 13C7-PFUDa	1803319-16RE1 REEPAR441 0.11624	2.69e4	80.8	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_24, Date: 19-Oct-2018, Time: 14:29:46, ID: B8J0027-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0027-BS1 OPR 0.25	1.50e4	147.7	NO
2	2 13C5-PFHxA	B8J0027-BS1 OPR 0.25	2.92e4	88.6	NO
3	3 13C3-PFHxS	B8J0027-BS1 OPR 0.25	3.29e3	88.0	NO
4	4 13C8-PFOA	B8J0027-BS1 OPR 0.25	3.53e4	92.5	NO
5	5 13C9-PFNA	B8J0027-BS1 OPR 0.25	2.44e4	95.1	NO
6	6 13C4-PFOS	B8J0027-BS1 OPR 0.25	3.62e3	92.5	NO
7	7 13C6-PFDA	B8J0027-BS1 OPR 0.25	2.71e4	92.4	NO
8	8 13C7-PFUDa	B8J0027-BS1 OPR 0.25	3.25e4	97.9	NO

Name: 181019M1_25, Date: 19-Oct-2018, Time: 14:40:19, ID: 1803191-01 090817 0.25, Description: 090817

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803191-01 090817 0.25	1.26e4	124.5	NO
2	2 13C5-PFHxA	1803191-01 090817 0.25	2.47e4	75.0	NO
3	3 13C3-PFHxS	1803191-01 090817 0.25	2.90e3	77.5	NO
4	4 13C8-PFOA	1803191-01 090817 0.25	3.07e4	80.4	NO
5	5 13C9-PFNA	1803191-01 090817 0.25	1.98e4	77.2	NO
6	6 13C4-PFOS	1803191-01 090817 0.25	2.99e3	76.4	NO
7	7 13C6-PFDA	1803191-01 090817 0.25	2.49e4	84.8	NO
8	8 13C7-PFUDa	1803191-01 090817 0.25	2.63e4	79.0	NO

Name: 181019M1_26, Date: 19-Oct-2018, Time: 14:50:58, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 181019M1_27, Date: 19-Oct-2018, Time: 15:01:36, ID: ST181019M1-11 PFC CS3 18J1707, Description: PFC CS3 18J1707

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-11 PFC CS3 18J1707	1.03e4	101.6	NO
2	2 13C5-PFHxA	ST181019M1-11 PFC CS3 18J1707	3.24e4	98.4	NO
3	3 13C3-PFHxS	ST181019M1-11 PFC CS3 18J1707	3.48e3	93.2	NO
4	4 13C8-PFOA	ST181019M1-11 PFC CS3 18J1707	3.69e4	96.8	NO
5	5 13C9-PFNA	ST181019M1-11 PFC CS3 18J1707	2.57e4	100.3	NO
6	6 13C4-PFOS	ST181019M1-11 PFC CS3 18J1707	3.58e3	91.6	NO
7	7 13C6-PFDA	ST181019M1-11 PFC CS3 18J1707	2.95e4	100.5	NO
8	8 13C7-PFUDa	ST181019M1-11 PFC CS3 18J1707	3.40e4	102.2	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time
Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_28, Date: 19-Oct-2018, Time: 15:12:12, ID: B8J0115-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0115-BS1 OPR 0.25	1.06e4	104.1	NO
2	2 13C5-PFHxA	B8J0115-BS1 OPR 0.25	1.63e4	49.5	YES
3	3 13C3-PFHxS	B8J0115-BS1 OPR 0.25	3.74e3	100.1	NO
4	4 13C8-PFOA	B8J0115-BS1 OPR 0.25	1.90e4	49.9	YES
5	5 13C9-PFNA	B8J0115-BS1 OPR 0.25	1.42e4	55.4	NO
6	6 13C4-PFOS	B8J0115-BS1 OPR 0.25	3.75e3	95.9	NO
7	7 13C6-PFDA	B8J0115-BS1 OPR 0.25	1.81e4	61.6	NO
8	8 13C7-PFUDa	B8J0115-BS1 OPR 0.25	2.40e4	72.1	NO

Name: 181019M1_29, Date: 19-Oct-2018, Time: 15:22:47, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0115-BSD1 LCSD 0.25	1.14e4	112.6	NO
2	2 13C5-PFHxA	B8J0115-BSD1 LCSD 0.25	1.40e4	42.5	YES
3	3 13C3-PFHxS	B8J0115-BSD1 LCSD 0.25	3.59e3	96.1	NO
4	4 13C8-PFOA	B8J0115-BSD1 LCSD 0.25	1.71e4	44.9	YES
5	5 13C9-PFNA	B8J0115-BSD1 LCSD 0.25	1.20e4	46.6	YES
6	6 13C4-PFOS	B8J0115-BSD1 LCSD 0.25	3.84e3	98.1	NO
7	7 13C6-PFDA	B8J0115-BSD1 LCSD 0.25	1.56e4	53.0	NO
8	8 13C7-PFUDa	B8J0115-BSD1 LCSD 0.25	2.06e4	61.9	NO

Name: 181019M1_30, Date: 19-Oct-2018, Time: 15:33:19, ID: B8J0115-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0115-BLK1 Method Blank 0.25	1.38e4	135.5	NO
2	2 13C5-PFHxA	B8J0115-BLK1 Method Blank 0.25	2.52e4	76.6	NO
3	3 13C3-PFHxS	B8J0115-BLK1 Method Blank 0.25	3.52e3	94.1	NO
4	4 13C8-PFOA	B8J0115-BLK1 Method Blank 0.25	2.69e4	70.4	NO
5	5 13C9-PFNA	B8J0115-BLK1 Method Blank 0.25	1.96e4	76.4	NO
6	6 13C4-PFOS	B8J0115-BLK1 Method Blank 0.25	3.57e3	91.3	NO
7	7 13C6-PFDA	B8J0115-BLK1 Method Blank 0.25	2.36e4	80.3	NO
8	8 13C7-PFUDa	B8J0115-BLK1 Method Blank 0.25	2.79e4	84.1	NO

Name: 181019M1_31, Date: 19-Oct-2018, Time: 15:43:58, ID: 1803286-01 OC-RW03B-1018 0.12015, Description: OC-RW03B-1018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-01 OC-RW03B-1018 0.12015	9.40e3	92.6	NO
2	2 13C5-PFHxA	1803286-01 OC-RW03B-1018 0.12015	1.44e4	43.8	YES
3	3 13C3-PFHxS	1803286-01 OC-RW03B-1018 0.12015	3.83e3	102.5	NO
4	4 13C8-PFOA	1803286-01 OC-RW03B-1018 0.12015	1.74e4	45.5	YES
5	5 13C9-PFNA	1803286-01 OC-RW03B-1018 0.12015	1.29e4	50.1	NO
6	6 13C4-PFOS	1803286-01 OC-RW03B-1018 0.12015	4.17e3	106.7	NO
7	7 13C6-PFDA	1803286-01 OC-RW03B-1018 0.12015	1.69e4	57.6	NO
8	8 13C7-PFUDa	1803286-01 OC-RW03B-1018 0.12015	2.19e4	65.9	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_32, Date: 19-Oct-2018, Time: 15:54:31, ID: 1803286-02 OC-RW03BP-1018 0.11921, Description: OC-RW03BP-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-02 OC-RW03BP-1018 0.11921	8.70e3	85.7	NO
2	2 13C5-PFHxA	1803286-02 OC-RW03BP-1018 0.11921	1.06e4	32.1	YES
3	3 13C3-PFHxS	1803286-02 OC-RW03BP-1018 0.11921	3.75e3	100.3	NO
4	4 13C8-PFOA	1803286-02 OC-RW03BP-1018 0.11921	1.36e4	35.6	YES
5	5 13C9-PFNA	1803286-02 OC-RW03BP-1018 0.11921	8.90e3	34.7	YES
6	6 13C4-PFOS	1803286-02 OC-RW03BP-1018 0.11921	4.04e3	103.3	NO
7	7 13C6-PFDA	1803286-02 OC-RW03BP-1018 0.11921	1.16e4	39.4	YES
8	8 13C7-PFUDa	1803286-02 OC-RW03BP-1018 0.11921	1.51e4	45.4	YES

Name: 181019M1_33, Date: 19-Oct-2018, Time: 16:05:09, ID: 1803286-03 OC-FB03B-1018 0.11858, Description: OC-FB03B-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-03 OC-FB03B-1018 0.11858	1.15e4	113.5	NO
2	2 13C5-PFHxA	1803286-03 OC-FB03B-1018 0.11858	1.32e4	40.0	YES
3	3 13C3-PFHxS	1803286-03 OC-FB03B-1018 0.11858	3.71e3	99.3	NO
4	4 13C8-PFOA	1803286-03 OC-FB03B-1018 0.11858	1.54e4	40.3	YES
5	5 13C9-PFNA	1803286-03 OC-FB03B-1018 0.11858	1.07e4	41.7	YES
6	6 13C4-PFOS	1803286-03 OC-FB03B-1018 0.11858	3.93e3	100.6	NO
7	7 13C6-PFDA	1803286-03 OC-FB03B-1018 0.11858	1.31e4	44.7	YES
8	8 13C7-PFUDa	1803286-03 OC-FB03B-1018 0.11858	1.71e4	51.4	NO

Name: 181019M1_34, Date: 19-Oct-2018, Time: 16:15:47, ID: 1803286-04 OC-RW03-1018 0.11784, Description: OC-RW03-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-04 OC-RW03-1018 0.11784	1.52e4	149.6	NO
2	2 13C5-PFHxA	1803286-04 OC-RW03-1018 0.11784	2.32e4	70.5	NO
3	3 13C3-PFHxS	1803286-04 OC-RW03-1018 0.11784	3.90e3	104.4	NO
4	4 13C8-PFOA	1803286-04 OC-RW03-1018 0.11784	2.49e4	65.4	NO
5	5 13C9-PFNA	1803286-04 OC-RW03-1018 0.11784	1.71e4	66.7	NO
6	6 13C4-PFOS	1803286-04 OC-RW03-1018 0.11784	4.11e3	105.2	NO
7	7 13C6-PFDA	1803286-04 OC-RW03-1018 0.11784	2.16e4	73.5	NO
8	8 13C7-PFUDa	1803286-04 OC-RW03-1018 0.11784	2.74e4	82.4	NO

Name: 181019M1_35, Date: 19-Oct-2018, Time: 16:26:20, ID: 1803286-05 OC-FB03-1018 0.11738, Description: OC-FB03-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-05 OC-FB03-1018 0.11738	1.44e4	142.2	NO
2	2 13C5-PFHxA	1803286-05 OC-FB03-1018 0.11738	2.04e4	61.9	NO
3	3 13C3-PFHxS	1803286-05 OC-FB03-1018 0.11738	4.01e3	107.3	NO
4	4 13C8-PFOA	1803286-05 OC-FB03-1018 0.11738	2.15e4	56.5	NO
5	5 13C9-PFNA	1803286-05 OC-FB03-1018 0.11738	1.56e4	60.7	NO
6	6 13C4-PFOS	1803286-05 OC-FB03-1018 0.11738	4.18e3	106.8	NO
7	7 13C6-PFDA	1803286-05 OC-FB03-1018 0.11738	1.86e4	63.4	NO
8	8 13C7-PFUDa	1803286-05 OC-FB03-1018 0.11738	2.50e4	75.1	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV181019M1-1 PFC ICV 18J0811	1.01e4	99.4	NO
2	2 13C5-PFHxA	ICV181019M1-1 PFC ICV 18J0811	3.20e4	97.0	NO
3	3 13C3-PFHxS	ICV181019M1-1 PFC ICV 18J0811	3.62e3	96.9	NO
4	4 13C8-PFOA	ICV181019M1-1 PFC ICV 18J0811	3.67e4	96.1	NO
5	5 13C9-PFNA	ICV181019M1-1 PFC ICV 18J0811	2.52e4	98.4	NO
6	6 13C4-PFOS	ICV181019M1-1 PFC ICV 18J0811	3.73e3	95.5	NO
7	7 13C6-PFDA	ICV181019M1-1 PFC ICV 18J0811	2.88e4	98.1	NO
8	8 13C7-PFUDa	ICV181019M1-1 PFC ICV 18J0811	3.40e4	102.3	NO

Name: 181019M1_37, Date: 19-Oct-2018, Time: 16:48:13, ID: 1803286-06 OC-RW04-1018 0.11521, Description: OC-RW04-1018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-06 OC-RW04-1018 0.11521	1.37e4	135.3	NO
2	2 13C5-PFHxA	1803286-06 OC-RW04-1018 0.11521	2.21e4	67.2	NO
3	3 13C3-PFHxS	1803286-06 OC-RW04-1018 0.11521	3.92e3	105.0	NO
4	4 13C8-PFOA	1803286-06 OC-RW04-1018 0.11521	2.31e4	60.5	NO
5	5 13C9-PFNA	1803286-06 OC-RW04-1018 0.11521	1.67e4	65.0	NO
6	6 13C4-PFOS	1803286-06 OC-RW04-1018 0.11521	3.90e3	99.8	NO
7	7 13C6-PFDA	1803286-06 OC-RW04-1018 0.11521	1.93e4	65.7	NO
8	8 13C7-PFUDa	1803286-06 OC-RW04-1018 0.11521	2.52e4	75.8	NO

Name: 181019M1_38, Date: 19-Oct-2018, Time: 16:58:48, ID: 1803286-07 OC-FB04-1018 0.11884, Description: OC-FB04-1018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-07 OC-FB04-1018 0.11884	1.67e4	164.3	YES
2	2 13C5-PFHxA	1803286-07 OC-FB04-1018 0.11884	3.12e4	94.8	NO
3	3 13C3-PFHxS	1803286-07 OC-FB04-1018 0.11884	3.71e3	99.2	NO
4	4 13C8-PFOA	1803286-07 OC-FB04-1018 0.11884	3.60e4	94.3	NO
5	5 13C9-PFNA	1803286-07 OC-FB04-1018 0.11884	2.45e4	95.4	NO
6	6 13C4-PFOS	1803286-07 OC-FB04-1018 0.11884	3.70e3	94.7	NO
7	7 13C6-PFDA	1803286-07 OC-FB04-1018 0.11884	2.88e4	98.1	NO
8	8 13C7-PFUDa	1803286-07 OC-FB04-1018 0.11884	3.38e4	101.8	NO

Name: 181019M1_39, Date: 19-Oct-2018, Time: 17:09:21, ID: 1803289-01 GWTP05-1001-01NS 0.15622, Description: GWTP05-1001-01NS

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803289-01 GWTP05-1001-01NS 0.15...	1.50e4	147.7	NO
2	2 13C5-PFHxA	1803289-01 GWTP05-1001-01NS 0.15...	2.98e4	90.5	NO
3	3 13C3-PFHxS	1803289-01 GWTP05-1001-01NS 0.15...	3.58e3	95.7	NO
4	4 13C8-PFOA	1803289-01 GWTP05-1001-01NS 0.15...	3.22e4	84.4	NO
5	5 13C9-PFNA	1803289-01 GWTP05-1001-01NS 0.15...	2.12e4	82.7	NO
6	6 13C4-PFOS	1803289-01 GWTP05-1001-01NS 0.15...	3.92e3	100.4	NO
7	7 13C6-PFDA	1803289-01 GWTP05-1001-01NS 0.15...	2.55e4	86.7	NO
8	8 13C7-PFUDa	1803289-01 GWTP05-1001-01NS 0.15...	3.12e4	93.9	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time
Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_40, Date: 19-Oct-2018, Time: 17:20:00, ID: 1803294-01 WE13-GW-Tank3-IDW-10102018 0.11256, Description: WE13-GW-Tank3-IDW-10102018

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803294-01 WE13-GW-Tank3-IDW-101...	1.47e4	144.6	NO
2	2 13C5-PFHxA	1803294-01 WE13-GW-Tank3-IDW-101...	2.95e4	89.7	NO
3	3 13C3-PFHxS	1803294-01 WE13-GW-Tank3-IDW-101...	4.01e3	107.3	NO
4	4 13C8-PFOA	1803294-01 WE13-GW-Tank3-IDW-101...	3.42e4	89.7	NO
5	5 13C9-PFNA	1803294-01 WE13-GW-Tank3-IDW-101...	2.40e4	93.5	NO
6	6 13C4-PFOS	1803294-01 WE13-GW-Tank3-IDW-101...	4.09e3	104.5	NO
7	7 13C6-PFDA	1803294-01 WE13-GW-Tank3-IDW-101...	2.77e4	94.1	NO
8	8 13C7-PFUDa	1803294-01 WE13-GW-Tank3-IDW-101...	3.31e4	99.7	NO

Name: 181019M1_41, Date: 19-Oct-2018, Time: 17:30:32, ID: B8J0136-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0136-BS1 OPR 0.125	1.08e4	106.2	NO
2	2 13C5-PFHxA	B8J0136-BS1 OPR 0.125	2.34e4	71.1	NO
3	3 13C3-PFHxS	B8J0136-BS1 OPR 0.125	3.65e3	97.7	NO
4	4 13C8-PFOA	B8J0136-BS1 OPR 0.125	3.06e4	80.3	NO
5	5 13C9-PFNA	B8J0136-BS1 OPR 0.125	2.28e4	88.8	NO
6	6 13C4-PFOS	B8J0136-BS1 OPR 0.125	3.75e3	95.9	NO
7	7 13C6-PFDA	B8J0136-BS1 OPR 0.125	2.78e4	94.7	NO
8	8 13C7-PFUDa	B8J0136-BS1 OPR 0.125	3.31e4	99.5	NO

Name: 181019M1_42, Date: 19-Oct-2018, Time: 17:41:03, ID: B8J0136-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0136-BLK1 Method Blank 0.125	6.90e3	67.9	NO
2	2 13C5-PFHxA	B8J0136-BLK1 Method Blank 0.125	2.11e4	64.0	NO
3	3 13C3-PFHxS	B8J0136-BLK1 Method Blank 0.125	3.67e3	98.2	NO
4	4 13C8-PFOA	B8J0136-BLK1 Method Blank 0.125	3.16e4	82.7	NO
5	5 13C9-PFNA	B8J0136-BLK1 Method Blank 0.125	2.35e4	91.6	NO
6	6 13C4-PFOS	B8J0136-BLK1 Method Blank 0.125	3.86e3	98.7	NO
7	7 13C6-PFDA	B8J0136-BLK1 Method Blank 0.125	2.86e4	97.2	NO
8	8 13C7-PFUDa	B8J0136-BLK1 Method Blank 0.125	3.38e4	101.6	NO

Name: 181019M1_43, Date: 19-Oct-2018, Time: 17:51:41, ID: 1803323-01 101218-GRW-EW1 0.1171, Description: 101218-GRW-EW1

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-01 101218-GRW-EW1 0.1171	1.16e4	114.5	NO
2	2 13C5-PFHxA	1803323-01 101218-GRW-EW1 0.1171	2.56e4	77.8	NO
3	3 13C3-PFHxS	1803323-01 101218-GRW-EW1 0.1171	4.01e3	107.4	NO
4	4 13C8-PFOA	1803323-01 101218-GRW-EW1 0.1171	3.35e4	87.7	NO
5	5 13C9-PFNA	1803323-01 101218-GRW-EW1 0.1171	2.40e4	93.4	NO
6	6 13C4-PFOS	1803323-01 101218-GRW-EW1 0.1171	4.19e3	107.2	NO
7	7 13C6-PFDA	1803323-01 101218-GRW-EW1 0.1171	2.89e4	98.3	NO
8	8 13C7-PFUDa	1803323-01 101218-GRW-EW1 0.1171	3.47e4	104.4	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_44, Date: 19-Oct-2018, Time: 18:02:14, ID: 1803323-02 101218-GRW-EW2 0.11885, Description: 101218-GRW-EW2

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-02 101218-GRW-EW2 0.11885	1.18e4	116.1	NO
2	2 13C5-PFHxA	1803323-02 101218-GRW-EW2 0.11885	2.55e4	77.3	NO
3	3 13C3-PFHxS	1803323-02 101218-GRW-EW2 0.11885	4.07e3	109.0	NO
4	4 13C8-PFOA	1803323-02 101218-GRW-EW2 0.11885	3.22e4	84.5	NO
5	5 13C9-PFNA	1803323-02 101218-GRW-EW2 0.11885	2.44e4	94.9	NO
6	6 13C4-PFOS	1803323-02 101218-GRW-EW2 0.11885	4.23e3	108.3	NO
7	7 13C6-PFDA	1803323-02 101218-GRW-EW2 0.11885	2.90e4	98.6	NO
8	8 13C7-PFUDa	1803323-02 101218-GRW-EW2 0.11885	3.47e4	104.4	NO

Name: 181019M1_45, Date: 19-Oct-2018, Time: 18:12:52, ID: 1803323-03 101218-GRW-EW3R 0.11611, Description: 101218-GRW-EW3R

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-03 101218-GRW-EW3R 0.116...	1.10e4	108.7	NO
2	2 13C5-PFHxA	1803323-03 101218-GRW-EW3R 0.116...	2.36e4	71.6	NO
3	3 13C3-PFHxS	1803323-03 101218-GRW-EW3R 0.116...	3.99e3	106.8	NO
4	4 13C8-PFOA	1803323-03 101218-GRW-EW3R 0.116...	3.01e4	79.0	NO
5	5 13C9-PFNA	1803323-03 101218-GRW-EW3R 0.116...	2.26e4	88.1	NO
6	6 13C4-PFOS	1803323-03 101218-GRW-EW3R 0.116...	4.15e3	106.1	NO
7	7 13C6-PFDA	1803323-03 101218-GRW-EW3R 0.116...	2.57e4	87.6	NO
8	8 13C7-PFUDa	1803323-03 101218-GRW-EW3R 0.116...	3.15e4	94.8	NO

Name: 181019M1_46, Date: 19-Oct-2018, Time: 18:23:30, ID: 1803323-04 101218-GRW-EW3R-D 0.11798, Description: 101218-GRW-EW3R-D

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-04 101218-GRW-EW3R-D 0.1...	1.02e4	100.4	NO
2	2 13C5-PFHxA	1803323-04 101218-GRW-EW3R-D 0.1...	2.16e4	65.5	NO
3	3 13C3-PFHxS	1803323-04 101218-GRW-EW3R-D 0.1...	3.96e3	106.1	NO
4	4 13C8-PFOA	1803323-04 101218-GRW-EW3R-D 0.1...	2.85e4	74.6	NO
5	5 13C9-PFNA	1803323-04 101218-GRW-EW3R-D 0.1...	2.05e4	80.1	NO
6	6 13C4-PFOS	1803323-04 101218-GRW-EW3R-D 0.1...	4.12e3	105.4	NO
7	7 13C6-PFDA	1803323-04 101218-GRW-EW3R-D 0.1...	2.51e4	85.3	NO
8	8 13C7-PFUDa	1803323-04 101218-GRW-EW3R-D 0.1...	2.93e4	88.3	NO

Name: 181019M1_47, Date: 19-Oct-2018, Time: 18:34:03, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time
Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181019M1-12 PFC CS3 18J1707	1.06e4	104.7	NO
2	2 13C5-PFHxA	ST181019M1-12 PFC CS3 18J1707	3.39e4	102.8	NO
3	3 13C3-PFHxS	ST181019M1-12 PFC CS3 18J1707	3.70e3	98.9	NO
4	4 13C8-PFOA	ST181019M1-12 PFC CS3 18J1707	3.92e4	102.8	NO
5	5 13C9-PFNA	ST181019M1-12 PFC CS3 18J1707	2.72e4	106.2	NO
6	6 13C4-PFOS	ST181019M1-12 PFC CS3 18J1707	3.96e3	101.4	NO
7	7 13C6-PFDA	ST181019M1-12 PFC CS3 18J1707	3.11e4	105.8	NO
8	8 13C7-PFUDa	ST181019M1-12 PFC CS3 18J1707	3.56e4	107.0	NO

Name: 181019M1_49, Date: 19-Oct-2018, Time: 18:55:14, ID: 1803323-05 101218-GRW-EW4 0.11553, Description: 101218-GRW-EW4

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-05 101218-GRW-EW4 0.11553	1.52e4	149.6	NO
2	2 13C5-PFHxA	1803323-05 101218-GRW-EW4 0.11553	3.05e4	92.5	NO
3	3 13C3-PFHxS	1803323-05 101218-GRW-EW4 0.11553	4.28e3	114.6	NO
4	4 13C8-PFOA	1803323-05 101218-GRW-EW4 0.11553	3.53e4	92.4	NO
5	5 13C9-PFNA	1803323-05 101218-GRW-EW4 0.11553	2.66e4	103.7	NO
6	6 13C4-PFOS	1803323-05 101218-GRW-EW4 0.11553	4.43e3	113.3	NO
7	7 13C6-PFDA	1803323-05 101218-GRW-EW4 0.11553	3.11e4	105.7	NO
8	8 13C7-PFUDa	1803323-05 101218-GRW-EW4 0.11553	3.62e4	109.0	NO

Name: 181019M1_50, Date: 19-Oct-2018, Time: 19:05:52, ID: 1803323-06 101218-GRW-EW5 0.11205, Description: 101218-GRW-EW5

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-06 101218-GRW-EW5 0.11205	1.50e4	148.0	NO
2	2 13C5-PFHxA	1803323-06 101218-GRW-EW5 0.11205	3.04e4	92.2	NO
3	3 13C3-PFHxS	1803323-06 101218-GRW-EW5 0.11205	4.11e3	109.9	NO
4	4 13C8-PFOA	1803323-06 101218-GRW-EW5 0.11205	3.64e4	95.4	NO
5	5 13C9-PFNA	1803323-06 101218-GRW-EW5 0.11205	2.66e4	103.7	NO
6	6 13C4-PFOS	1803323-06 101218-GRW-EW5 0.11205	4.36e3	111.6	NO
7	7 13C6-PFDA	1803323-06 101218-GRW-EW5 0.11205	3.11e4	105.8	NO
8	8 13C7-PFUDa	1803323-06 101218-GRW-EW5 0.11205	3.77e4	113.5	NO

Name: 181019M1_51, Date: 19-Oct-2018, Time: 19:16:30, ID: 1803323-07 101218-GRW-ITI Sump 0.1157, Description: 101218-GRW-ITI Sump

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-07 101218-GRW-ITI Sump 0.1...	1.20e4	118.3	NO
2	2 13C5-PFHxA	1803323-07 101218-GRW-ITI Sump 0.1...	2.46e4	74.8	NO
3	3 13C3-PFHxS	1803323-07 101218-GRW-ITI Sump 0.1...	3.88e3	103.8	NO
4	4 13C8-PFOA	1803323-07 101218-GRW-ITI Sump 0.1...	3.15e4	82.4	NO
5	5 13C9-PFNA	1803323-07 101218-GRW-ITI Sump 0.1...	2.29e4	89.1	NO
6	6 13C4-PFOS	1803323-07 101218-GRW-ITI Sump 0.1...	4.11e3	105.1	NO
7	7 13C6-PFDA	1803323-07 101218-GRW-ITI Sump 0.1...	2.63e4	89.5	NO
8	8 13C7-PFUDa	1803323-07 101218-GRW-ITI Sump 0.1...	3.13e4	94.2	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_52, Date: 19-Oct-2018, Time: 19:27:03, ID: 1803323-08 101218-GRW-ITI Sump-2 0.11247, Description: 101218-GRW-ITI Sump-2

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-08 101218-GRW-ITI Sump-2 0...	1.24e4	121.9	NO
2	2 13C5-PFHxA	1803323-08 101218-GRW-ITI Sump-2 0...	2.66e4	80.6	NO
3	3 13C3-PFHxS	1803323-08 101218-GRW-ITI Sump-2 0...	3.43e3	91.8	NO
4	4 13C8-PFOA	1803323-08 101218-GRW-ITI Sump-2 0...	3.19e4	83.7	NO
5	5 13C9-PFNA	1803323-08 101218-GRW-ITI Sump-2 0...	2.34e4	91.3	NO
6	6 13C4-PFOS	1803323-08 101218-GRW-ITI Sump-2 0...	3.67e3	93.9	NO
7	7 13C6-PFDA	1803323-08 101218-GRW-ITI Sump-2 0...	2.68e4	91.1	NO
8	8 13C7-PFUDa	1803323-08 101218-GRW-ITI Sump-2 0...	3.10e4	93.2	NO

Name: 181019M1_53, Date: 19-Oct-2018, Time: 19:37:33, ID: 1803323-09 101218-GRW-ITI Effluent Discharge 0.116, Description: 101218-GRW-ITI Effluent Discharge

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-09 101218-GRW-ITI Effluent D...	1.30e4	128.4	NO
2	2 13C5-PFHxA	1803323-09 101218-GRW-ITI Effluent D...	2.73e4	82.9	NO
3	3 13C3-PFHxS	1803323-09 101218-GRW-ITI Effluent D...	3.49e3	93.4	NO
4	4 13C8-PFOA	1803323-09 101218-GRW-ITI Effluent D...	3.37e4	88.4	NO
5	5 13C9-PFNA	1803323-09 101218-GRW-ITI Effluent D...	2.34e4	91.3	NO
6	6 13C4-PFOS	1803323-09 101218-GRW-ITI Effluent D...	3.81e3	97.4	NO
7	7 13C6-PFDA	1803323-09 101218-GRW-ITI Effluent D...	2.80e4	95.2	NO
8	8 13C7-PFUDa	1803323-09 101218-GRW-ITI Effluent D...	3.24e4	97.5	NO

Name: 181019M1_54, Date: 19-Oct-2018, Time: 19:48:03, ID: 1803323-10 101218-QCW-442057-F 0.12049, Description: 101218-QCW-442057-F

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-10 101218-QCW-442057-F 0....	1.37e4	135.3	NO
2	2 13C5-PFHxA	1803323-10 101218-QCW-442057-F 0....	2.71e4	82.2	NO
3	3 13C3-PFHxS	1803323-10 101218-QCW-442057-F 0....	3.60e3	96.2	NO
4	4 13C8-PFOA	1803323-10 101218-QCW-442057-F 0....	3.19e4	83.7	NO
5	5 13C9-PFNA	1803323-10 101218-QCW-442057-F 0....	2.39e4	93.0	NO
6	6 13C4-PFOS	1803323-10 101218-QCW-442057-F 0....	3.77e3	96.3	NO
7	7 13C6-PFDA	1803323-10 101218-QCW-442057-F 0....	2.66e4	90.6	NO
8	8 13C7-PFUDa	1803323-10 101218-QCW-442057-F 0....	3.21e4	96.7	NO

Name: 181019M1_55, Date: 19-Oct-2018, Time: 19:58:42, ID: B8J0013-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0013-BS1 OPR 0.25	1.67e4	164.0	YES
2	2 13C5-PFHxA	B8J0013-BS1 OPR 0.25	3.32e4	100.9	NO
3	3 13C3-PFHxS	B8J0013-BS1 OPR 0.25	3.72e3	99.4	NO
4	4 13C8-PFOA	B8J0013-BS1 OPR 0.25	3.94e4	103.2	NO
5	5 13C9-PFNA	B8J0013-BS1 OPR 0.25	2.75e4	107.2	NO
6	6 13C4-PFOS	B8J0013-BS1 OPR 0.25	3.98e3	101.7	NO
7	7 13C6-PFDA	B8J0013-BS1 OPR 0.25	3.03e4	103.2	NO
8	8 13C7-PFUDa	B8J0013-BS1 OPR 0.25	3.54e4	106.5	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_56, Date: 19-Oct-2018, Time: 20:09:14, ID: B8J0013-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0013-BLK1 Method Blank 0.25	3.43e4	337.7	YES
2	2 13C5-PFHxA	B8J0013-BLK1 Method Blank 0.25	7.31e4	222.0	YES
3	3 13C3-PFHxS	B8J0013-BLK1 Method Blank 0.25	7.95e3	212.7	YES
4	4 13C8-PFOA	B8J0013-BLK1 Method Blank 0.25	7.95e4	208.4	YES
5	5 13C9-PFNA	B8J0013-BLK1 Method Blank 0.25	5.80e4	226.3	YES
6	6 13C4-PFOS	B8J0013-BLK1 Method Blank 0.25	8.31e3	212.5	YES
7	7 13C6-PFDA	B8J0013-BLK1 Method Blank 0.25	6.55e4	222.9	YES
8	8 13C7-PFUDa	B8J0013-BLK1 Method Blank 0.25	7.43e4	223.6	YES

Name: 181019M1_57, Date: 19-Oct-2018, Time: 20:19:52, ID: 1803186-01 GW1809241510SK 0.25949, Description: GW1809241510SK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-01 GW1809241510SK 0.25949	1.78e4	174.8	YES
2	2 13C5-PFHxA	1803186-01 GW1809241510SK 0.25949	3.71e4	112.7	NO
3	3 13C3-PFHxS	1803186-01 GW1809241510SK 0.25949	4.21e3	112.8	NO
4	4 13C8-PFOA	1803186-01 GW1809241510SK 0.25949	4.14e4	108.4	NO
5	5 13C9-PFNA	1803186-01 GW1809241510SK 0.25949	2.98e4	116.1	NO
6	6 13C4-PFOS	1803186-01 GW1809241510SK 0.25949	4.48e3	114.6	NO
7	7 13C6-PFDA	1803186-01 GW1809241510SK 0.25949	3.41e4	115.9	NO
8	8 13C7-PFUDa	1803186-01 GW1809241510SK 0.25949	4.09e4	123.0	NO

Name: 181019M1_58, Date: 19-Oct-2018, Time: 20:30:31, ID: 1803186-02 GW1809241620SK 0.2608, Description: GW1809241620SK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-02 GW1809241620SK 0.2608	1.46e4	144.1	NO
2	2 13C5-PFHxA	1803186-02 GW1809241620SK 0.2608	2.91e4	88.5	NO
3	3 13C3-PFHxS	1803186-02 GW1809241620SK 0.2608	3.15e3	84.4	NO
4	4 13C8-PFOA	1803186-02 GW1809241620SK 0.2608	3.38e4	88.6	NO
5	5 13C9-PFNA	1803186-02 GW1809241620SK 0.2608	2.41e4	93.9	NO
6	6 13C4-PFOS	1803186-02 GW1809241620SK 0.2608	3.58e3	91.7	NO
7	7 13C6-PFDA	1803186-02 GW1809241620SK 0.2608	2.74e4	93.2	NO
8	8 13C7-PFUDa	1803186-02 GW1809241620SK 0.2608	3.05e4	91.8	NO

Name: 181019M1_59, Date: 19-Oct-2018, Time: 20:41:04, ID: 1803186-03 GW1809241645GC 0.25058, Description: GW1809241645GC

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-03 GW1809241645GC 0.25058	1.53e4	150.4	YES
2	2 13C5-PFHxA	1803186-03 GW1809241645GC 0.25058	3.20e4	97.1	NO
3	3 13C3-PFHxS	1803186-03 GW1809241645GC 0.25058	3.65e3	97.8	NO
4	4 13C8-PFOA	1803186-03 GW1809241645GC 0.25058	3.80e4	99.7	NO
5	5 13C9-PFNA	1803186-03 GW1809241645GC 0.25058	2.67e4	104.2	NO
6	6 13C4-PFOS	1803186-03 GW1809241645GC 0.25058	3.98e3	101.8	NO
7	7 13C6-PFDA	1803186-03 GW1809241645GC 0.25058	3.19e4	108.5	NO
8	8 13C7-PFUDa	1803186-03 GW1809241645GC 0.25058	3.59e4	108.0	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-IIS areas.qld

Last Altered: Saturday, October 20, 2018 11:32:37 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:33:18 Pacific Daylight Time

Name: 181019M1_60, Date: 19-Oct-2018, Time: 20:51:42, ID: 1803186-04 GW1809241745GC 0.25281,
Description: GW1809241745GC

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1803186-04 GW1809241745GC 0.25281	1.41e4	138.6	NO
2	2	13C5-PFHxA	1803186-04 GW1809241745GC 0.25281	3.01e4	91.5	NO
3	3	13C3-PFHxS	1803186-04 GW1809241745GC 0.25281	3.60e3	96.3	NO
4	4	13C8-PFOA	1803186-04 GW1809241745GC 0.25281	3.64e4	95.3	NO
5	5	13C9-PFNA	1803186-04 GW1809241745GC 0.25281	2.68e4	104.3	NO
6	6	13C4-PFOS	1803186-04 GW1809241745GC 0.25281	3.78e3	96.7	NO
7	7	13C6-PFDA	1803186-04 GW1809241745GC 0.25281	2.87e4	97.5	NO
8	8	13C7-PFUDa	1803186-04 GW1809241745GC 0.25281	3.33e4	100.3	NO

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Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

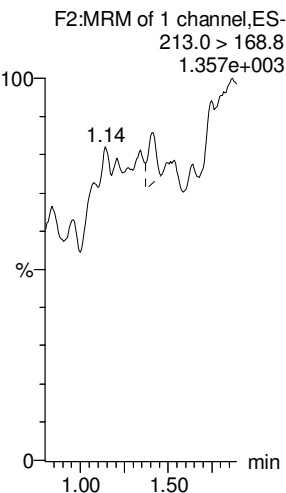
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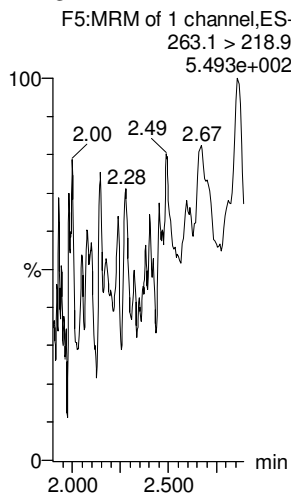
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Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

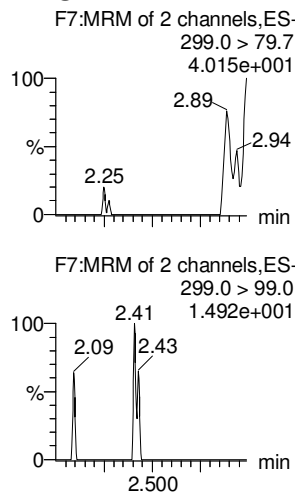
PFBA



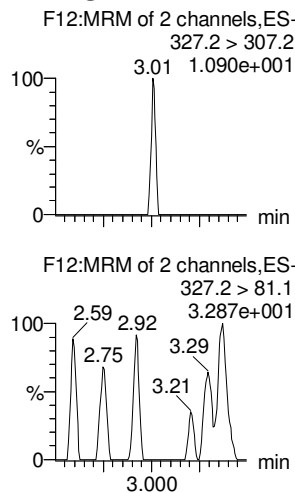
PFPeA



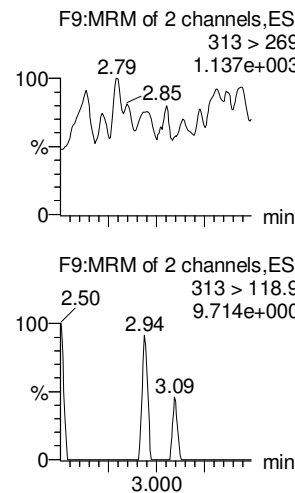
PFBS



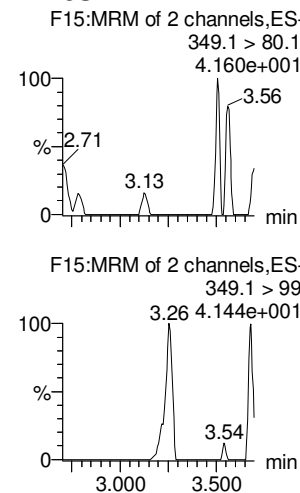
4:2 FTS



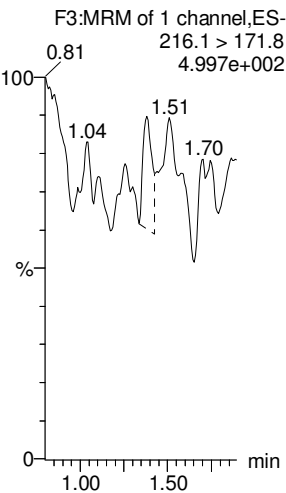
PFHxA



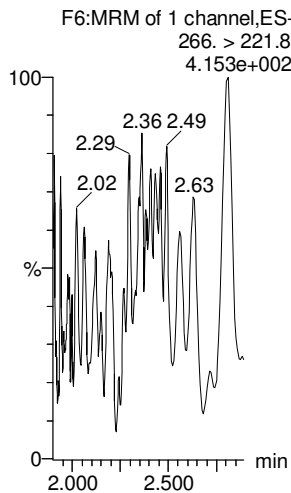
PFPeS



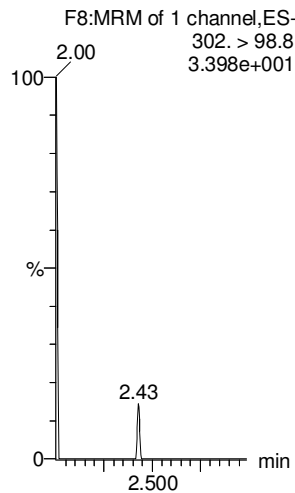
13C3-PFBA



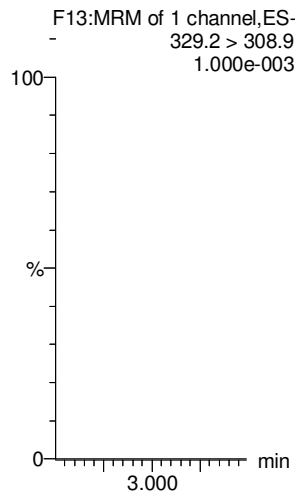
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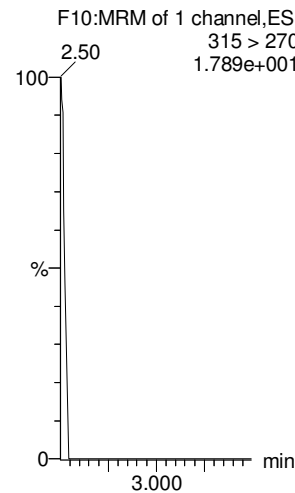
13C3-PFBS



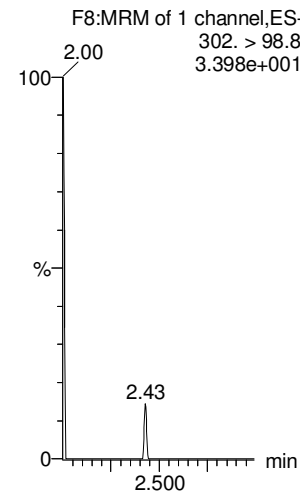
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



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Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

6:2 FTS

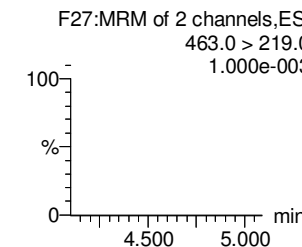
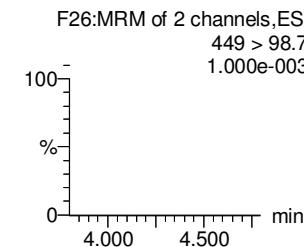
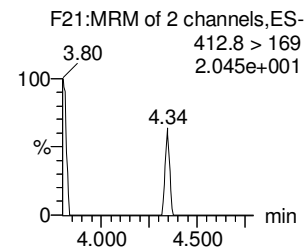
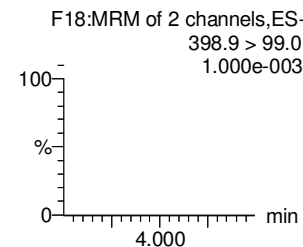
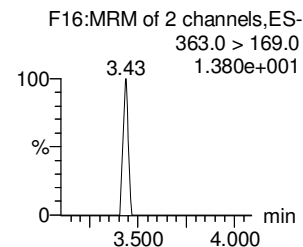
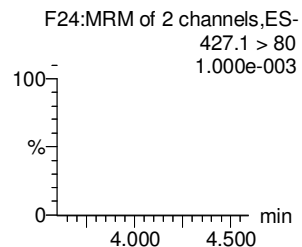
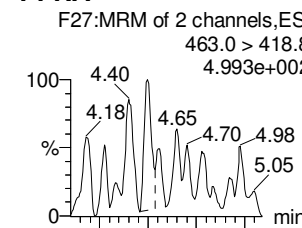
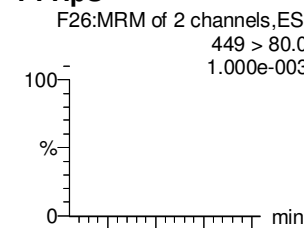
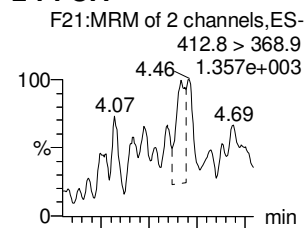
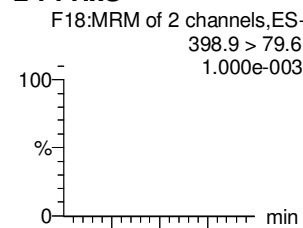
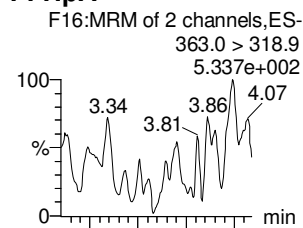
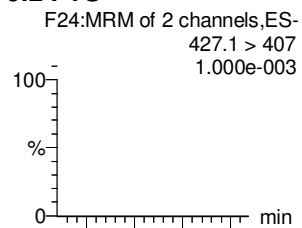
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

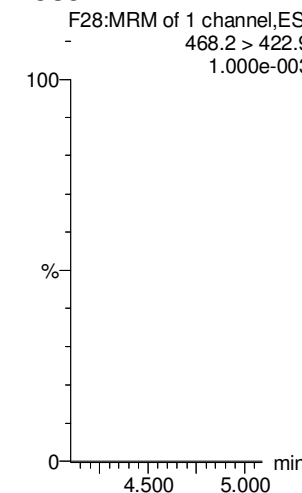
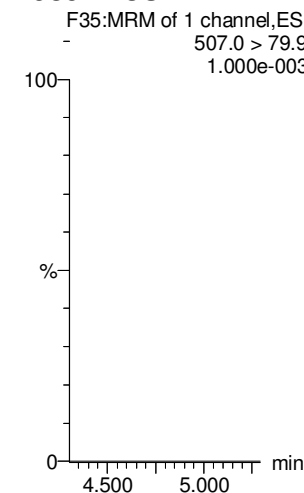
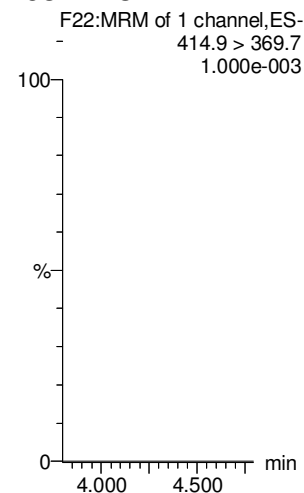
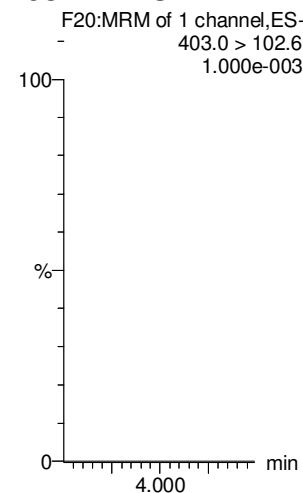
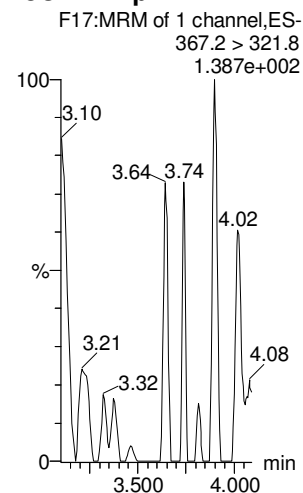
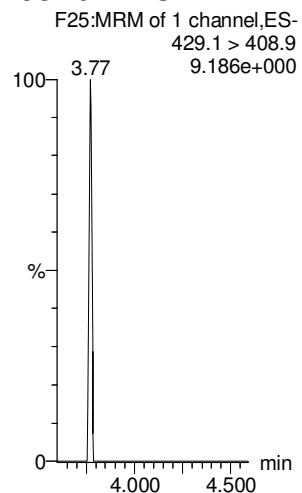
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



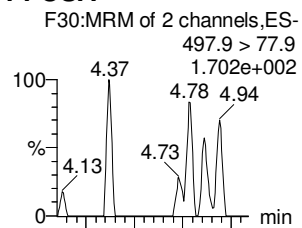
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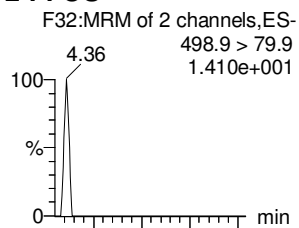
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Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

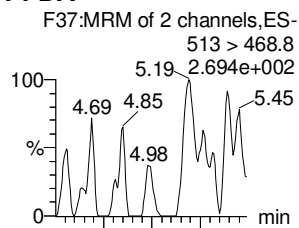
PFOSA



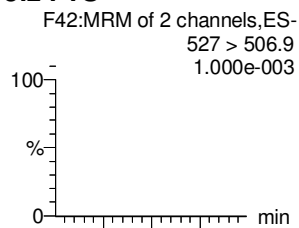
L-PFOS



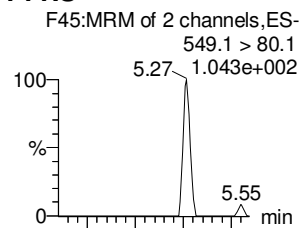
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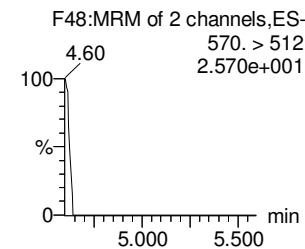
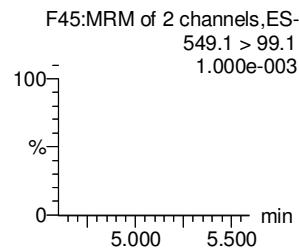
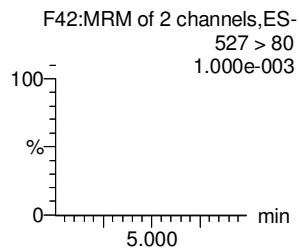
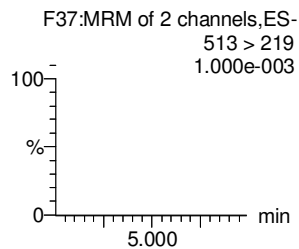
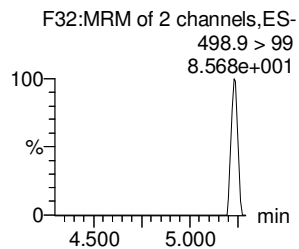
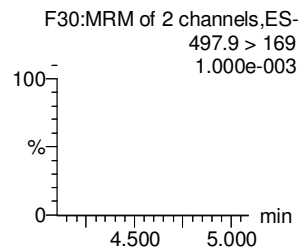
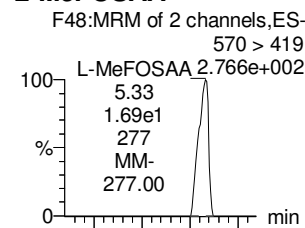
8:2 FTS



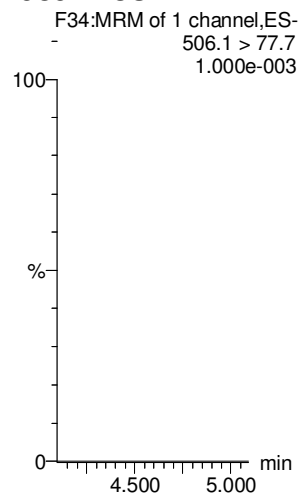
PFNS



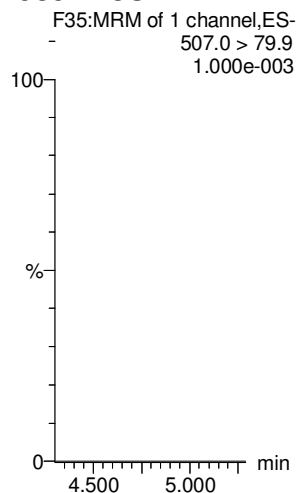
L-MeFOSAA



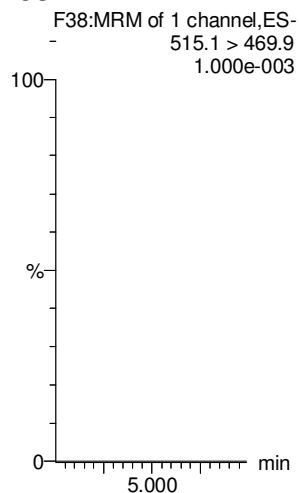
13C8-PFOSA



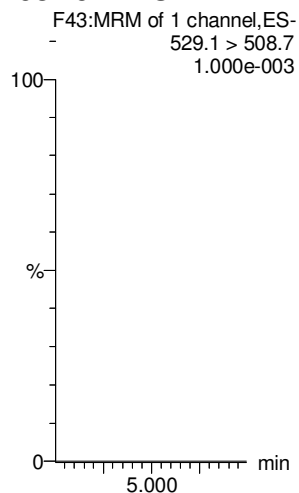
13C8-PFOS



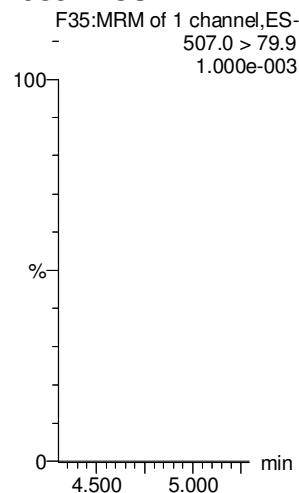
13C2-PFDA



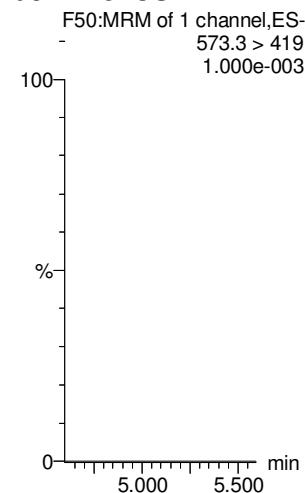
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



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Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

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L-EtFOSAA

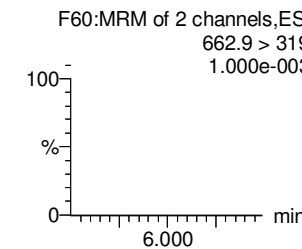
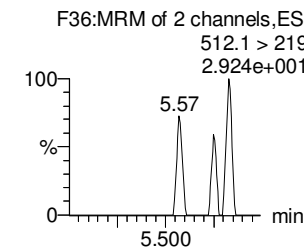
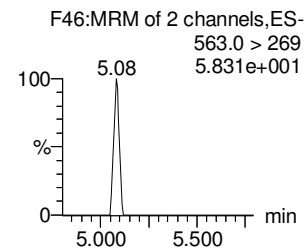
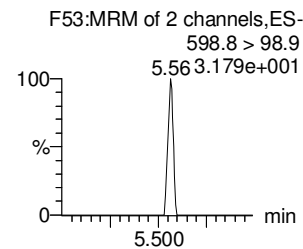
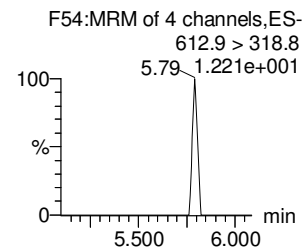
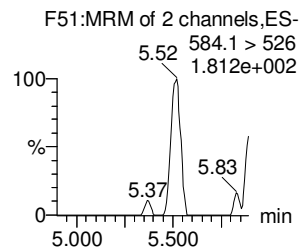
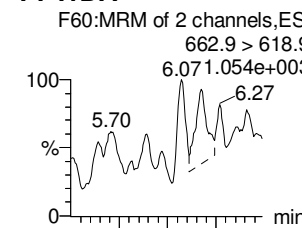
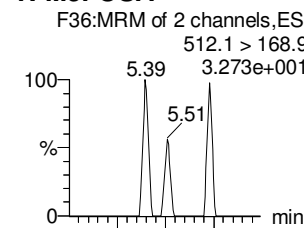
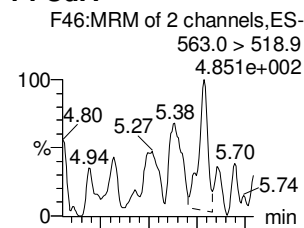
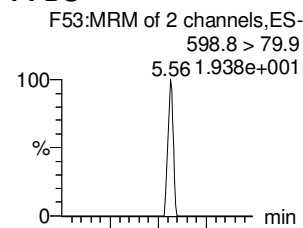
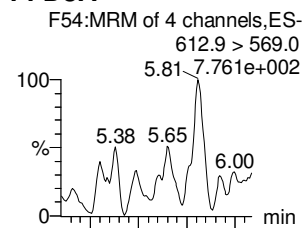
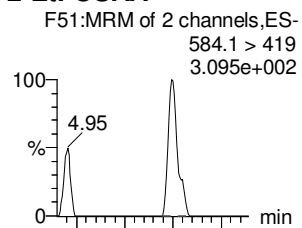
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

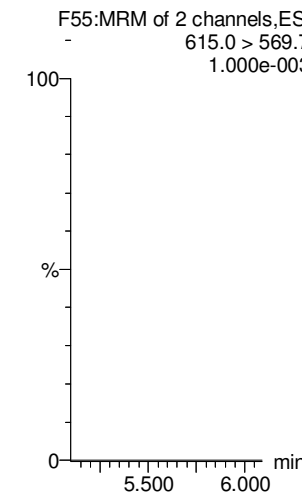
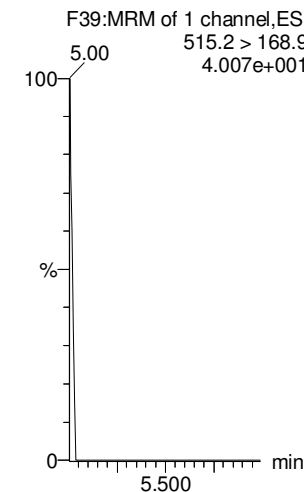
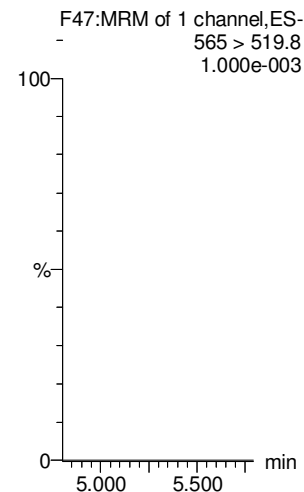
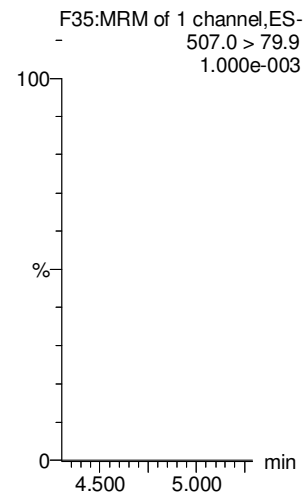
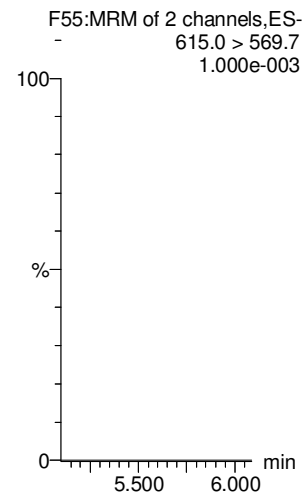
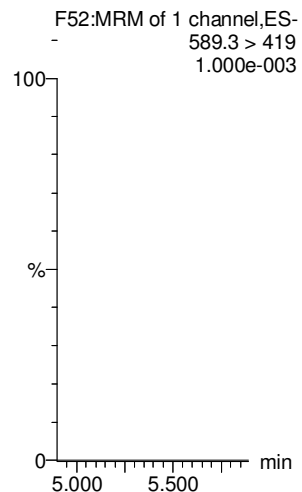
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

PFTeDA

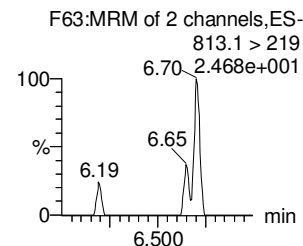
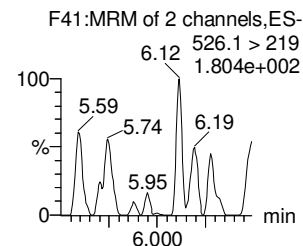
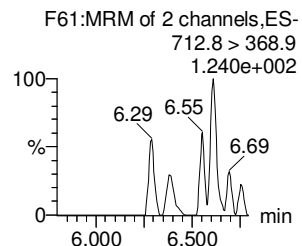
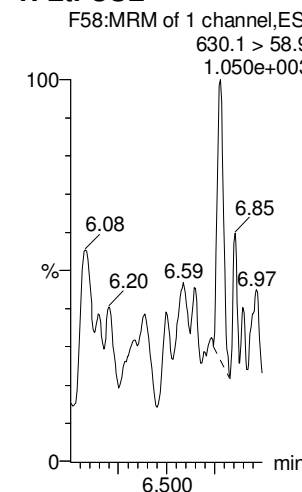
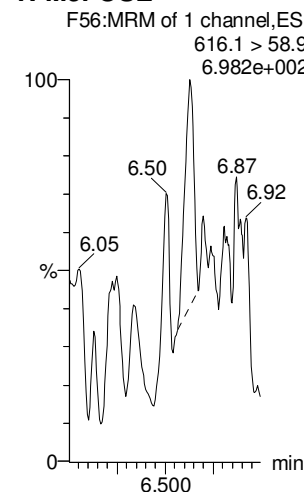
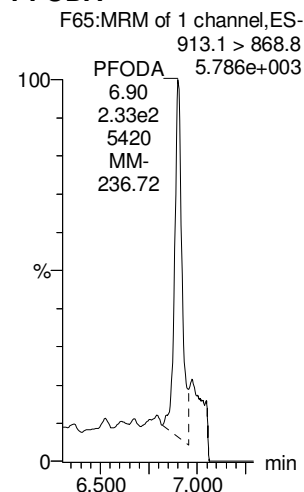
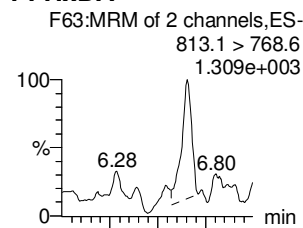
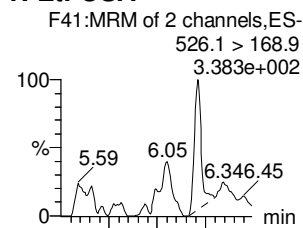
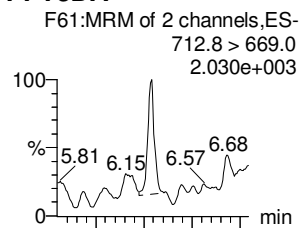
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

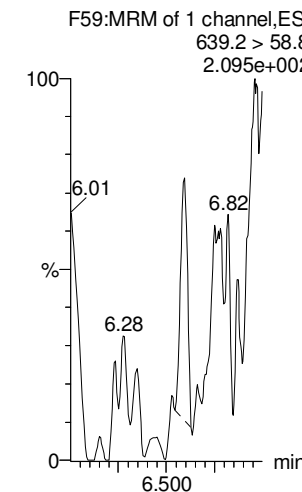
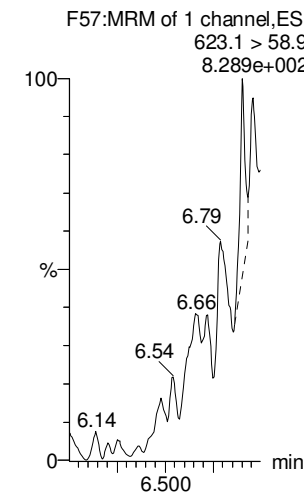
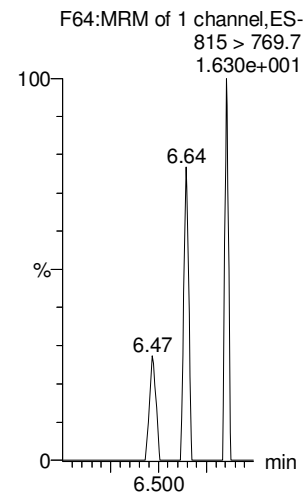
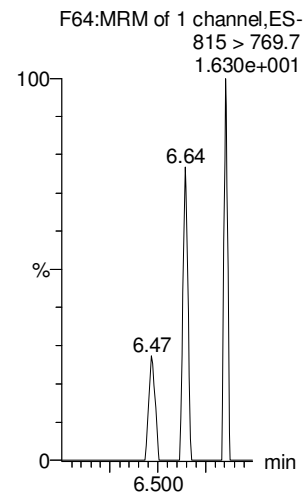
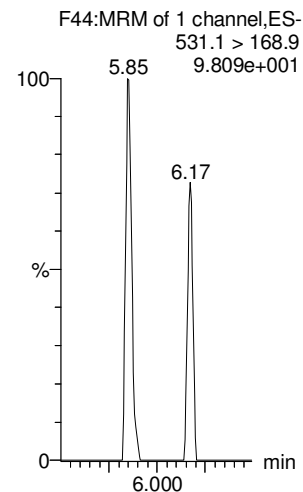
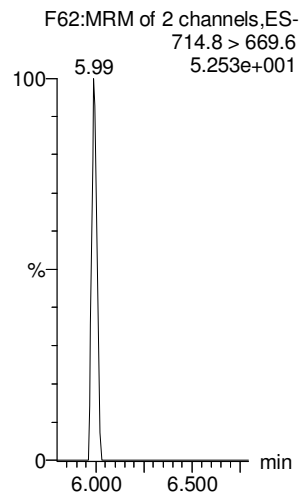
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



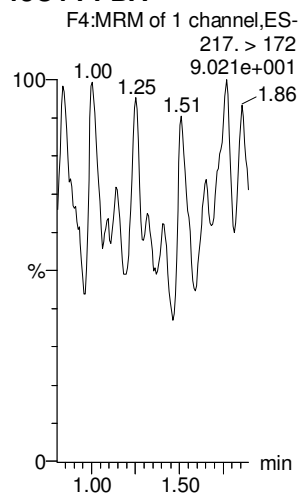
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Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

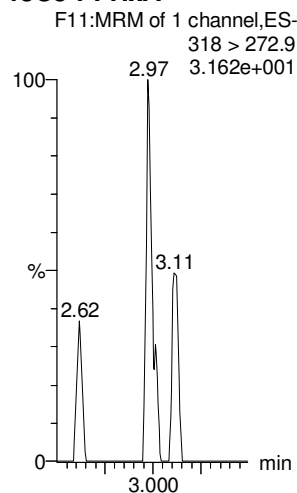
Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

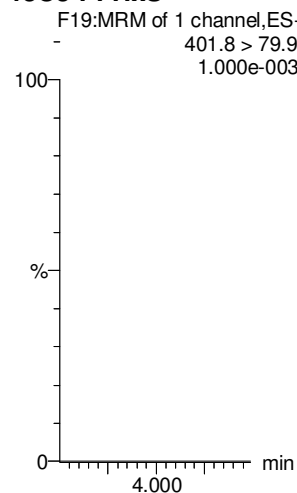
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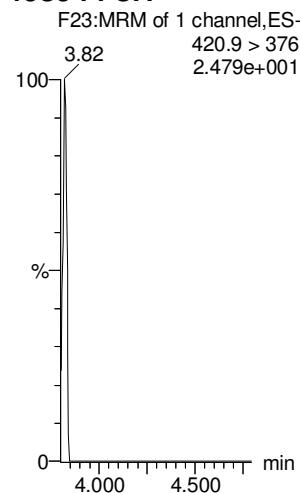
13C5-PFHxA



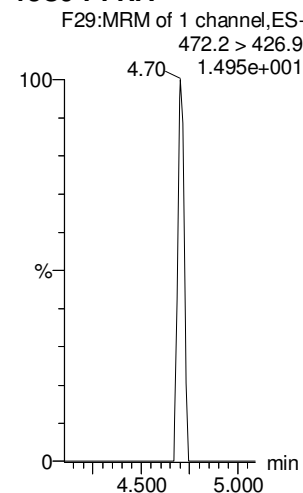
13C3-PFHxS



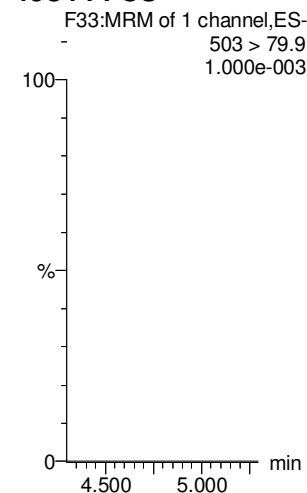
13C8-PFOA



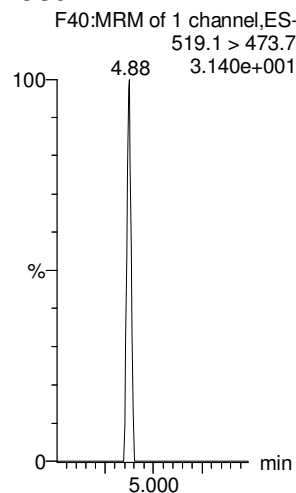
13C9-PFNA



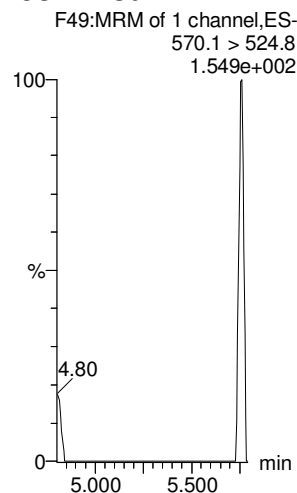
13C4-PFOS



13C6-PFDA



13C7-PFUdA



LC Calibration Standards Review Checklist Q4

		ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	<u>other</u> <u>NA</u>
Calibration ID: <u>ST181019M1-12</u>	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calibration ID: _____	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

NA

10/22/18

Full Mass Cal. Date: 10/19/18

- Run Log Present:
- # of Samples per Sequence Checked:
- Instrument Blank Saved:
- IIS Area Saved:
- Reviewed By: MJT 10/22/18
Initials/Date

Comments:

Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time

Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707

MSJ
10/22/18

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	8392.928	8159.833	1.00	1.03	12.857	9.7	97.3	NO		
2	2 PFPeA	263.1 > 218.9	14555.182	17664.006	1.00	2.17	10.300	9.8	97.8	NO		
3	3 PFBS	299.0 > 79.7	3213.149	1997.258	1.00	2.55	20.110	9.7	97.0	NO	2.632	NO
4	4 4:2 FTS	327.2>307.2	4488.888	4343.182	1.00	3.05	12.919	10.8	108.1	NO	1.752	NO
5	5 PFHxA	313 > 269	26717.623	11901.648	1.00	3.14	11.224	10.0	100.3	NO	16.139	NO
6	6 PFPeS	349.1>80.1	2824.187	1997.258	1.00	3.38	17.675	9.8	98.1	NO	1.515	NO
7	36 13C3-PFBA	216.1 > 171.8	8159.833	10627.989	1.00	1.03	9.597	12.6	100.8	NO		
8	37 13C3-PFPeA	266. > 221.8	17664.006	33863.824	1.00	2.17	6.520	12.1	97.2	NO		
9	38 13C3-PFBS	302. > 98.8	1997.258	3696.133	1.00	2.54	6.755	12.6	100.7	NO		
10	39 13C2-4:2 FTS	329.2>308.9	4343.182	3696.133	1.00	3.05	14.688	12.4	99.5	NO		
11	40 13C2-PFHxA	315 > 270	11901.648	33863.824	1.00	3.14	4.393	4.9	97.2	NO		
12	38 13C3-PFBS	302. > 98.8	1997.258	3696.133	1.00	2.54	6.755	12.6	100.7	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5662.745	4628.698	1.00	4.30	15.292	10.0	100.2	NO	3.252	NO
15	7 PFHpA	363.0 > 318.9	17304.287	15500.885	1.00	3.84	13.954	10.2	101.7	NO	12.251	NO
16	8 L-PFHxS	398.9 > 79.6	2707.932	1695.011	1.00	4.00	19.970	9.8	97.6	NO	1.796	NO
17	11 L-PFOA	412.8 > 368.9	34043.918	27282.813	1.00	4.35	15.598	10.2	101.9	NO	3.515	NO
18	13 PFHpS	449 > 80.0	3036.054	4037.894	1.00	4.47	9.399	10.2	102.2	NO	1.703	NO
19	14 PFNA	463.0 > 418.8	27810.666	25238.203	1.00	4.79	13.774	9.7	96.7	NO	4.192	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	4628.698	3963.370	1.00	4.29	14.598	12.1	96.4	NO		
21	41 13C4-PFHpA	367.2 > 321.8	15500.885	33863.824	1.00	3.84	5.722	12.3	98.8	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1695.011	3696.133	1.00	4.00	5.732	12.5	100.4	NO		
23	44 13C2-PFOA	414.9 > 369.7	27282.813	39210.996	1.00	4.35	8.697	12.2	97.6	NO		
24	47 13C8-PFOS	507.0 > 79.9	4037.894	3963.370	1.00	4.88	12.735	12.5	99.8	NO		
25	45 13C5-PFNA	468.2 > 422.9	25238.203	27246.314	1.00	4.79	11.579	12.4	98.8	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	5539.640	5605.743	1.00	4.83	12.353	9.5	95.2	NO	32.115	YES
28	16 L-PFOS	498.9 > 79.9	3800.156	4037.894	1.00	4.88	11.764	10.3	102.8	NO	1.961	NO
29	18 PFDA	513 > 468.8	30110.012	25016.094	1.00	5.18	15.045	9.7	97.2	NO	5.525	NO
30	19 8:2 FTS	527 > 506.9	3988.088	3299.619	1.00	5.14	15.108	9.5	95.4	NO	2.141	NO
31	20 PFNS	549.1 > 80.1	2702.838	4037.894	1.00	5.25	8.367	10.3	103.2	NO	1.489	NO
32	21 L-MeFOSAA	570 > 419	10125.250	5892.038	1.00	5.33	21.481	9.2	91.6	NO	2.679	NO
33	46 13C8-PFOSA	506.1 > 77.7	5605.743	35577.051	1.00	4.83	1.970	11.4	90.9	NO		
34	47 13C8-PFOS	507.0 > 79.9	4037.894	3963.370	1.00	4.88	12.735	12.5	99.8	NO		
35	48 13C2-PFDA	515.1 > 469.9	25016.094	31097.645	1.00	5.18	10.055	12.3	98.3	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3299.619	3963.370	1.00	5.15	10.407	11.2	89.4	NO		

AMR 10/22/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time

Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	4037.894	3963.370	1.00	4.88	12.735	12.5	99.8	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	5892.038	35577.051	1.00	5.33	2.070	12.9	103.5	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	8169.648	7587.564	1.00	5.51	13.459	9.2	91.8	NO	1.415	NO
41	27 PFDaA	612.9 > 569.0	30809.387	29318.158	1.00	5.81	13.136	9.7	96.8	NO	8.107	NO
42	26 PFDS	598.8 > 79.9	3475.849	4037.894	1.00	5.57	10.760	10.1	100.9	NO	1.628	NO
43	25 PFUdA	563.0 > 518.9	27418.674	31715.104	1.00	5.52	10.807	10.2	102.4	NO	8.580	NO
44	28 N-MeFOSA	512.1 > 168.9	6704.360	16699.689	1.00	5.65	60.220	50.3	100.6	NO	1.563	NO
45	29 PFTrDA	662.9 > 618.9	31221.432	29318.158	1.00	6.06	13.311	9.3	93.1	NO	25.203	NO
46	52 d5-N-EtFOSAA	589.3 > 419	7587.564	35577.051	1.00	5.50	2.666	12.8	102.3	NO		
47	53 13C2-PFDaA	615.0 > 569.7	29318.158	31097.645	1.00	5.81	11.785	12.2	97.2	NO		
48	47 13C8-PFOS	507.0 > 79.9	4037.894	3963.370	1.00	4.88	12.735	12.5	99.8	NO		
49	51 13C2-PFUdA	565 > 519.8	31715.104	35577.051	1.00	5.52	11.143	11.9	95.2	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	16699.689	35577.051	1.00	5.68	5.867	132.3	88.2	NO		
51	53 13C2-PFDaA	615.0 > 569.7	29318.158	31097.645	1.00	5.81	11.785	12.2	97.2	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	29451.334	16687.449	1.00	6.29	22.061	9.9	99.2	NO	14.035	NO
54	31 N-EtFOSA	526.1 > 168.9	7998.448	23661.461	1.00	6.21	50.706	51.2	102.3	NO	1.650	NO
55	32 PFHxDA	813.1 > 768.6	11046.933	10432.491	1.00	6.65	5.294	10.1	100.8	NO	18.448	NO
56	33 PFODA	913.1 > 868.8	18412.426	10432.491	1.00	6.90	8.825	9.7	97.0	NO		
57	34 N-MeFOSE	616.1 > 58.9	6156.498	16411.170	1.00	6.63	56.271	49.8	99.5	NO		
58	35 N-EtFOSE	630.1 > 58.9	7045.544	16000.503	1.00	6.77	66.050	49.6	99.3	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	16687.449	35577.051	1.00	6.29	5.863	11.5	92.3	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	23661.461	35577.051	1.00	6.24	8.313	138.3	92.2	NO		
61	57 13C2-PFHxDA	815 > 769.7	10432.491	35577.051	1.00	6.65	3.665	4.7	94.2	NO		
62	57 13C2-PFHxDA	815 > 769.7	10432.491	35577.051	1.00	6.65	3.665	4.7	94.2	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	16411.170	35577.051	1.00	6.62	5.766	129.7	86.4	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	16000.503	35577.051	1.00	6.77	5.622	133.7	89.1	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	10627.989	10627.989	1.00	1.03	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	33863.824	33863.824	1.00	3.14	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3696.133	3696.133	1.00	4.00	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	39210.996	39210.996	1.00	4.35	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	27246.314	27246.314	1.00	4.79	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3963.370	3963.370	1.00	4.88	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	31097.645	31097.645	1.00	5.18	12.500	12.5	100.0	NO		

AMR 10/22/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time

Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	35577.051	35577.051	1.00	5.52	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Saturday, October 20, 2018 11:56:36 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:56:47 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918.mdb 20 Oct 2018 11:39:38

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181019M1_1	IPA	19-Oct-18	10:26:03
2	2 181019M1_2	ST181019M1-1 PFC CS-2 18J1702	19-Oct-18	10:36:38
3	3 181019M1_3	ST181019M1-2 PFC CS-1 18J1703	19-Oct-18	10:47:11
4	4 181019M1_4	ST181019M1-3 PFC CS0 18J1704	19-Oct-18	10:57:49
5	5 181019M1_5	ST181019M1-4 PFC CS1 18J1705	19-Oct-18	11:08:22
6	6 181019M1_6	ST181019M1-5 PFC CS2 18J1706	19-Oct-18	11:19:00
7	7 181019M1_7	ST181019M1-6 PFC CS3 18J1707	19-Oct-18	11:29:32
8	8 181019M1_8	ST181019M1-7 PFC CS4 18J1708	19-Oct-18	11:40:11
9	9 181019M1_9	ST181019M1-8 PFC CS5 18J1709	19-Oct-18	11:50:49
10	10 181019M1_10	ST181019M1-9 PFC CS6 18J1710	19-Oct-18	12:01:22
11	11 181019M1_11	ST181019M1-10 PFC CS7 18J1711	19-Oct-18	12:12:00
12	12 181019M1_12	IPA	19-Oct-18	12:22:33
13	13 181019M1_13	ICV181019M1-11 PFC ICV 18J1712	19-Oct-18	12:33:12
14	14 181019M1_14	IPA	19-Oct-18	12:43:45
15	15 181019M1_15	B8J0135-BS1 OPR 0.125	19-Oct-18	12:54:26
16	16 181019M1_16	1803319-03RE1 REEPAC437 0.11926	19-Oct-18	13:05:02
17	17 181019M1_17	1803319-04RE1 REEPAC673 0.11792	19-Oct-18	13:15:35
18	18 181019M1_18	1803319-05RE1 REEPEF438 0.11781	19-Oct-18	13:26:14
19	19 181019M1_19	1803319-06RE1 REEPAR438 0.11591	19-Oct-18	13:36:46
20	20 181019M1_20	1803319-07RE1 REEPAC438 0.11883	19-Oct-18	13:47:25
21	21 181019M1_21	1803319-14RE1 REEPAC440 0.11798	19-Oct-18	13:57:58
22	22 181019M1_22	1803319-15RE1 REEPEF441 0.11813	19-Oct-18	14:08:35
23	23 181019M1_23	1803319-16RE1 REEPAR441 0.11624	19-Oct-18	14:19:07
24	24 181019M1_24	B8J0027-BS1 OPR 0.25	19-Oct-18	14:29:46
25	25 181019M1_25	1803191-01 090817 0.25	19-Oct-18	14:40:19
26	26 181019M1_26	IPA	19-Oct-18	14:50:58
27	27 181019M1_27	ST181019M1-11 PFC CS3 18J1707	19-Oct-18	15:01:36
28	28 181019M1_28	B8J0115-BS1 OPR 0.25	19-Oct-18	15:12:12
29	29 181019M1_29	B8J0115-BS1 LGSD 0.25	19-Oct-18	15:22:47
30	30 181019M1_30	B8J0115-BLK1-Method-Blank 0.25	19-Oct-18	15:33:19
31	31 181019M1_31	1803286-01 QC-RW03B-1018 0.12015	19-Oct-18	15:43:58
32	32 181019M1_32	1803286-02 QC-RW03B-1018 0.11921	19-Oct-18	15:54:31

1019 CALIBRATION IS VALID
 samples invalid due to ICV failure and
 re-injection

Dataset: Untitled

Last Altered: Saturday, October 20, 2018 11:56:36 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 11:56:47 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 181019M1_33	1803286-03 OC-FB03B-1018 0.11858	19-Oct-18	16:05:09
34	34 181019M1_34	1803286-04 OC-RW03-1018 0.11784	19-Oct-18	16:15:47
35	35 181019M1_35	1803286-05 GC-FB03-1018 0.11738-	19-Oct-18	16:26:20
36	36 181019M1_36	ICV181019M1-1 PFC ICV 18J0811	19-Oct-18	16:37:16
37	37 181019M1_37	1803286-06 OC-RW04-1018 0.11521	19-Oct-18	16:48:13
38	38 181019M1_38	1803286-07 OC-FB04-1018 0.11884	19-Oct-18	16:58:48
39	39 181019M1_39	1803289-01 GWTP05-1001-01NS 0.15622	19-Oct-18	17:09:21
40	40 181019M1_40	1803294-01 WE13-GW-Tank3-IDW-10102018 0.11256	19-Oct-18	17:20:00
41	41 181019M1_41	B8J0136-BS1 OPR 0.125	19-Oct-18	17:30:32
42	42 181019M1_42	B8J0136-BLK1 Method Blank 0.125	19-Oct-18	17:41:03
43	43 181019M1_43	1803323-01 101218-GRW-EW1 0.1171	19-Oct-18	17:51:41
44	44 181019M1_44	1803323-02 101218-GRW-EW2 0.11885	19-Oct-18	18:02:14
45	45 181019M1_45	1803323-03 101218-GRW-EW3R 0.11611	19-Oct-18	18:12:52
46	46 181019M1_46	1803323-04 101218-GRW-EW3R-D 0.11798	19-Oct-18	18:23:30
47	47 181019M1_47	IPA	19-Oct-18	18:34:03
48	48 181019M1_48	ST181019M1-12 PFC CS3 18J1707	19-Oct-18	18:44:41
49	49 181019M1_49	1803323-05 101218-GRW-EW4 0.11553	19-Oct-18	18:55:14
50	50 181019M1_50	1803323-06 101218-GRW-EW5 0.11205	19-Oct-18	19:05:52
51	51 181019M1_51	1803323-07 101218-GRW-ITI Sump 0.1157	19-Oct-18	19:16:30
52	52 181019M1_52	1803323-08 101218-GRW-ITI Sump-2 0.11247	19-Oct-18	19:27:03
53	53 181019M1_53	1803323-09 101218-GRW-ITI Effluent Discharge 0.116	19-Oct-18	19:37:33
54	54 181019M1_54	1803323-10 101218-QCW-442057-F 0.12049	19-Oct-18	19:48:03
55	55 181019M1_55	B8J0013-BS1 OPR 0.25	19-Oct-18	19:58:42
56	56 181019M1_56	B8J0013-BLK1 Method Blank 0.25	19-Oct-18	20:09:14
57	57 181019M1_57	1803186-01 GW1809241510SK 0.25949	19-Oct-18	20:19:52
58	58 181019M1_58	1803186-02 GW1809241620SK 0.2608	19-Oct-18	20:30:31
59	59 181019M1_59	1803186-03 GW1809241645GC 0.25058	19-Oct-18	20:41:04
60	60 181019M1_60	1803186-04 GW1809241745GC 0.25281	19-Oct-18	20:51:42

ICV VALID WITH 1019 ICAL
 SAMPLES BEFORE -12 CCV ARE VALID ON THE
 1019 ICAL.

----- Closing CCAL did not inj; use injections after
 ST181019M1-12 for IIS areas only

Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time

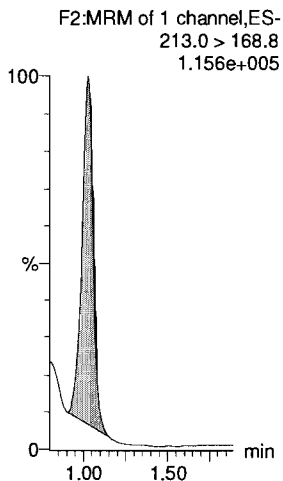
Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

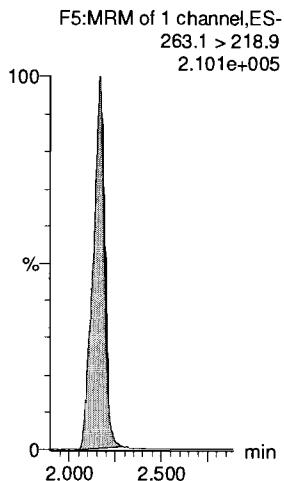
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707

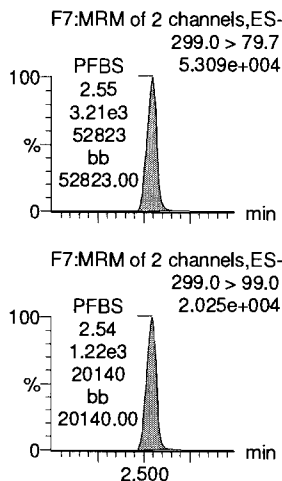
PFBA



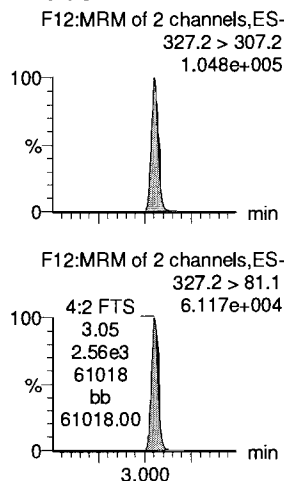
PFPeA



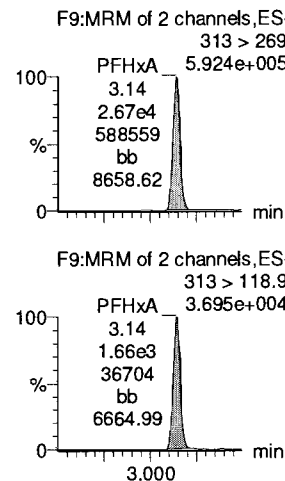
PFBS



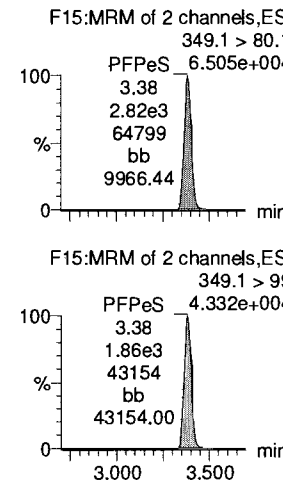
4:2 FTS



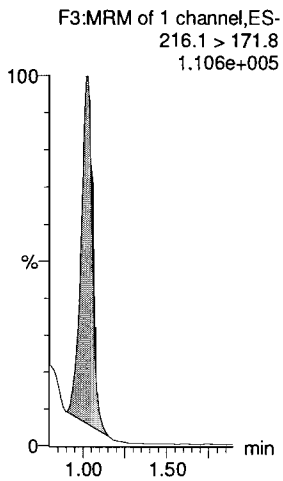
PFHxA



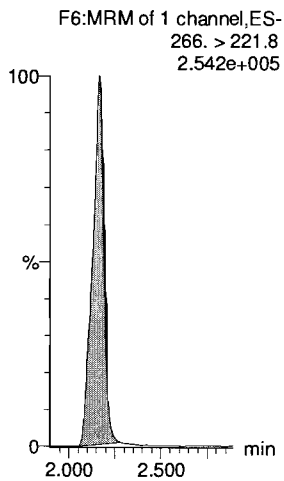
PFPeS



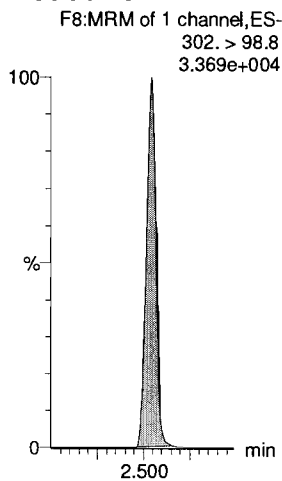
13C3-PFBA



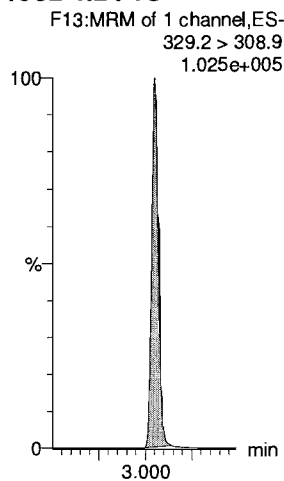
13C3-PFPeA



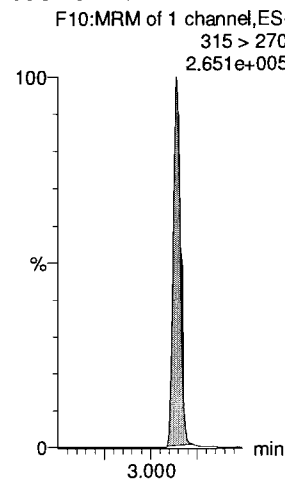
13C3-PFBS



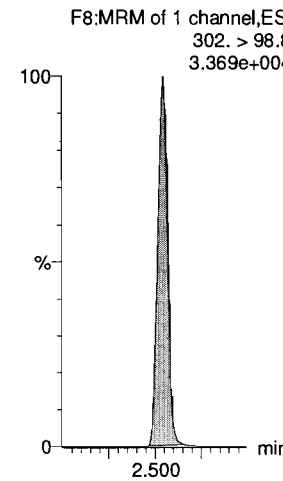
13C2-4:2 FTS



13C2-PFHxA



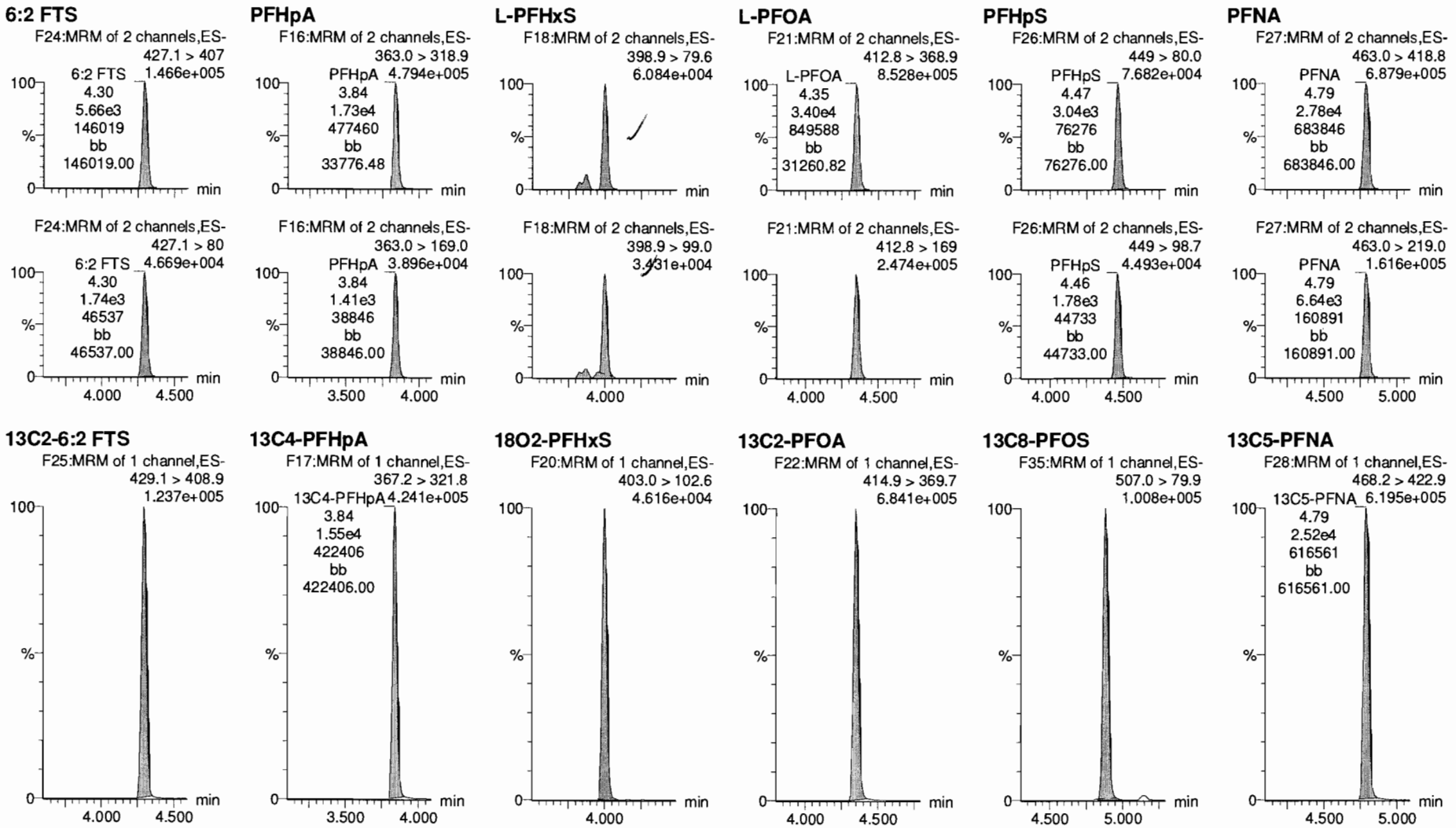
13C3-PFBS



Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time
Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707



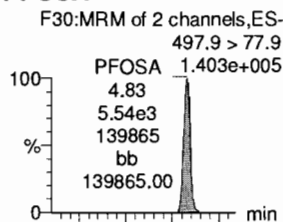
Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time

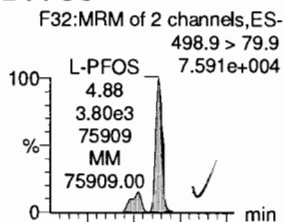
Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707

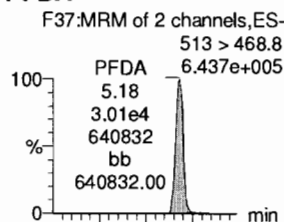
PFOSA



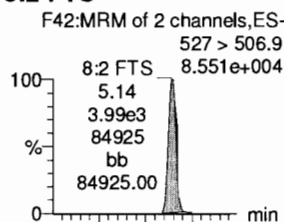
L-PFOS



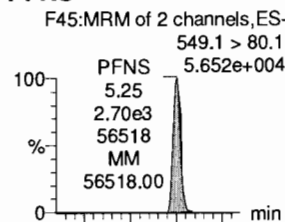
PFDA



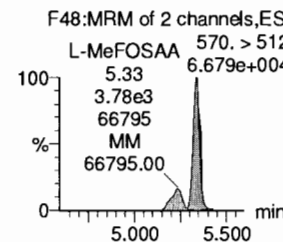
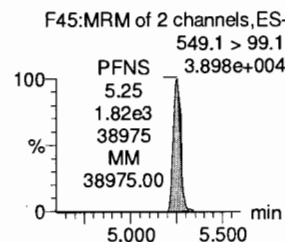
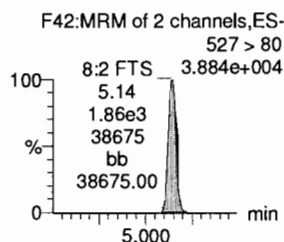
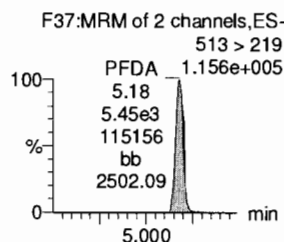
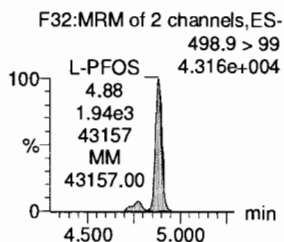
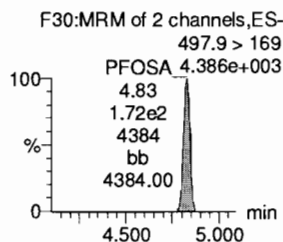
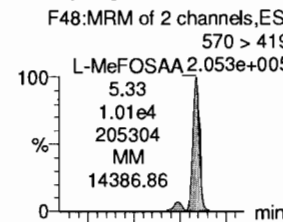
8:2 FTS



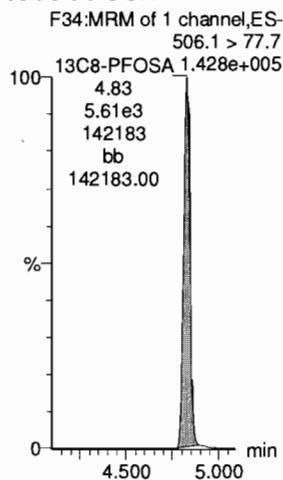
PFNS



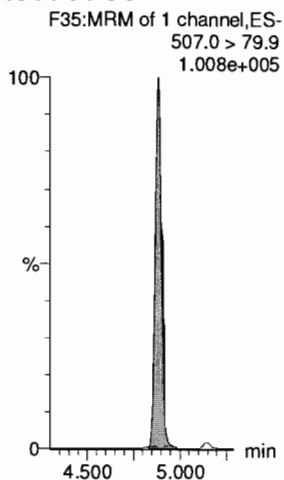
L-MeFOSAA



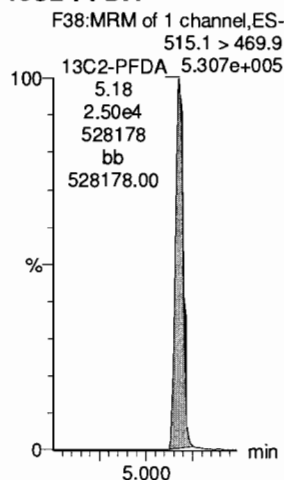
13C8-PFOSA



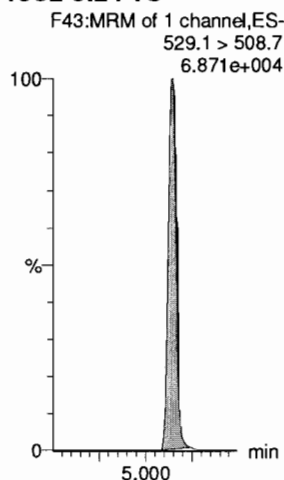
13C8-PFOS



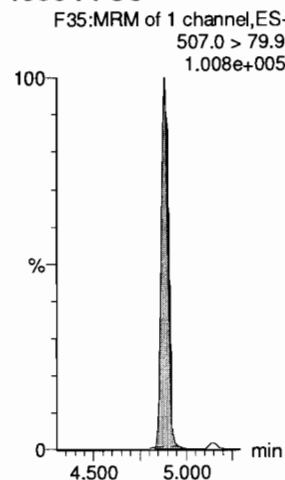
13C2-PFDA



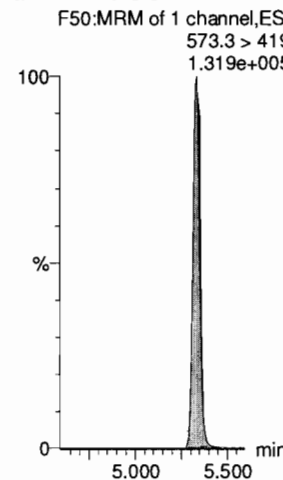
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

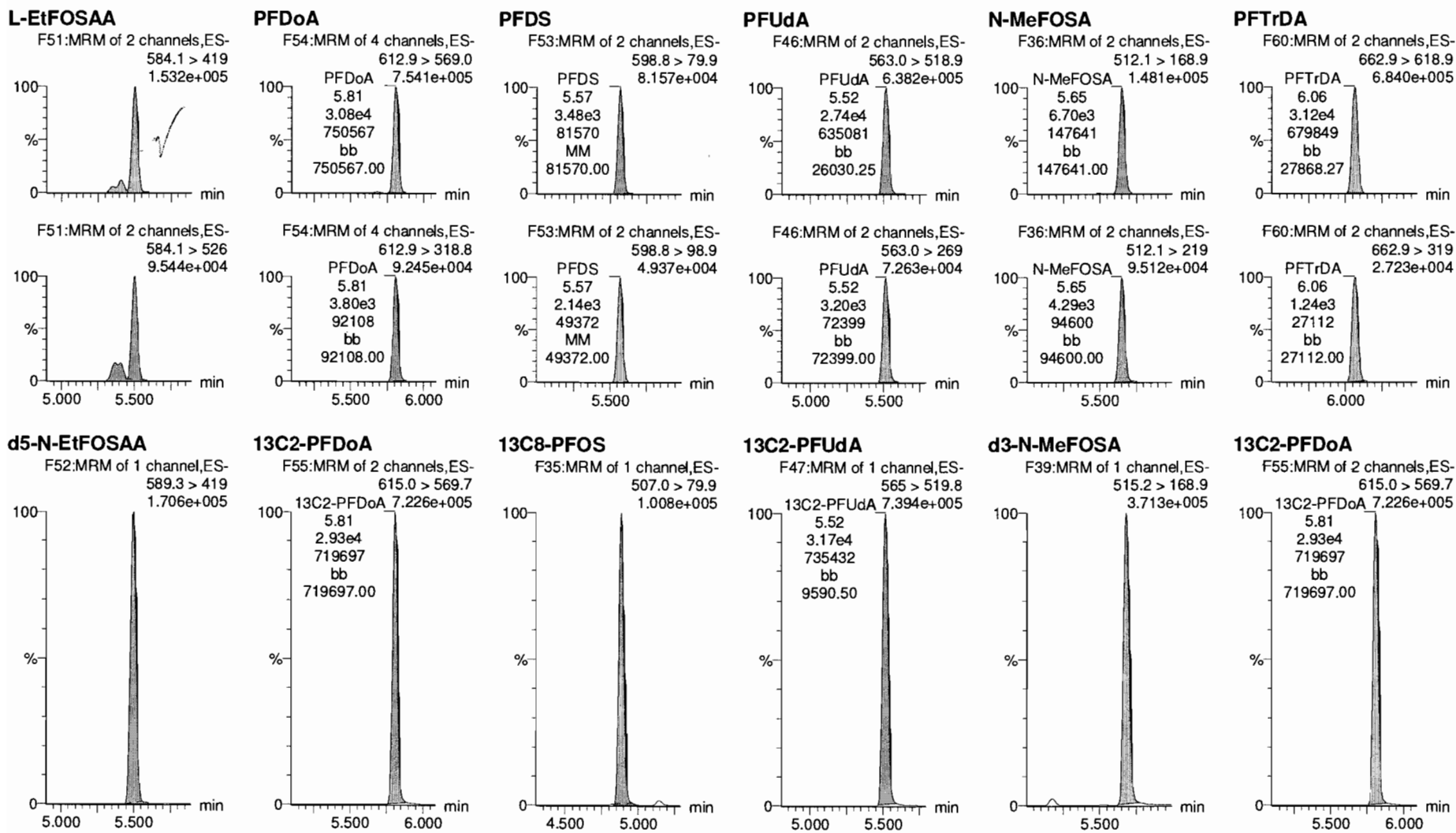


Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time

Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

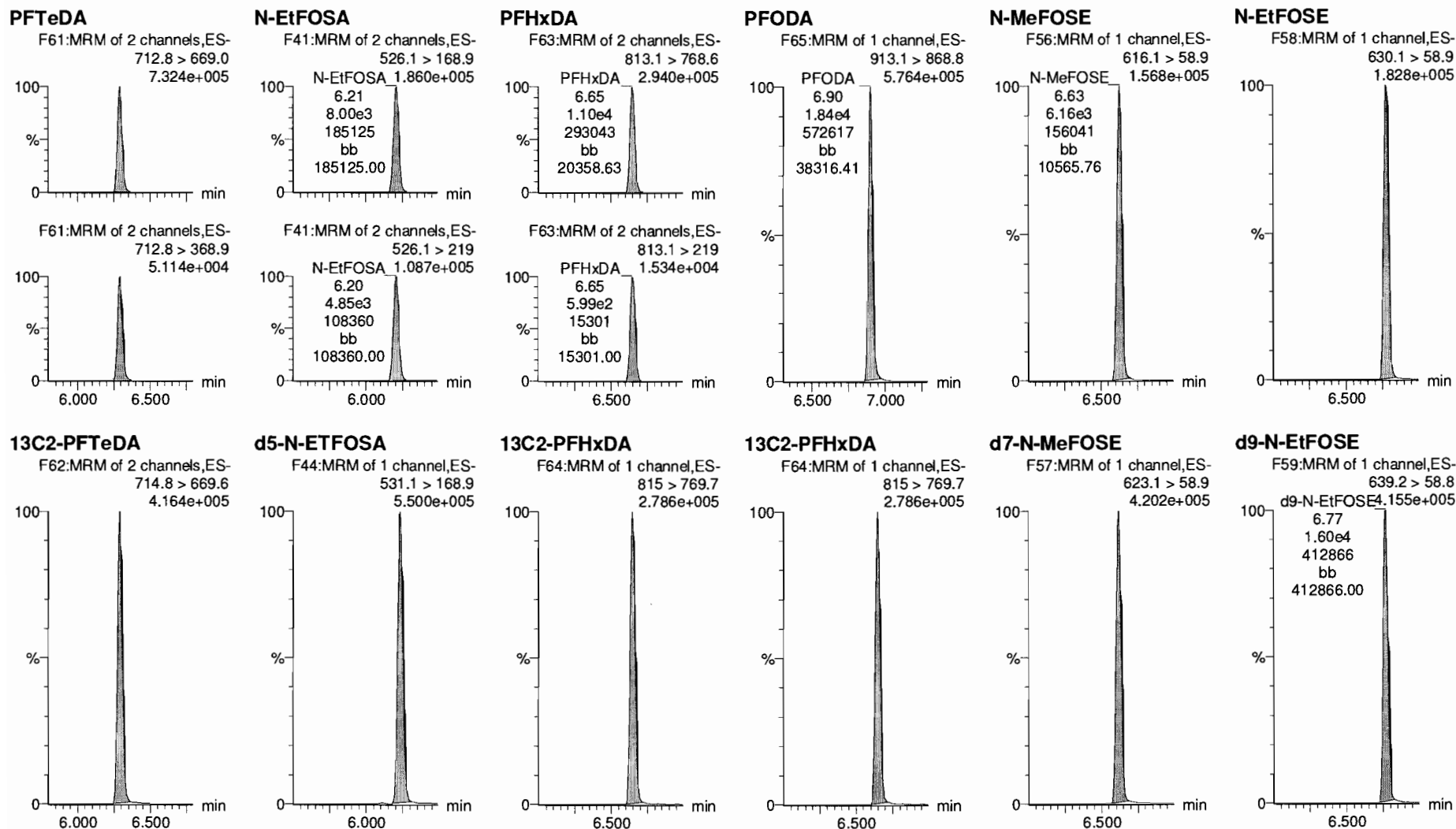
Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707



Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time
Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707



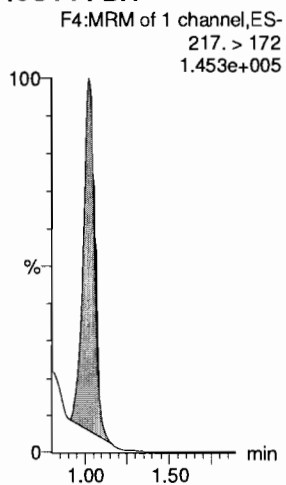
Dataset: Z:\Projects\PFAS.PRO\Results\181019M1\181019M1-48_B.qld

Last Altered: Monday, October 22, 2018 15:50:43 Pacific Daylight Time

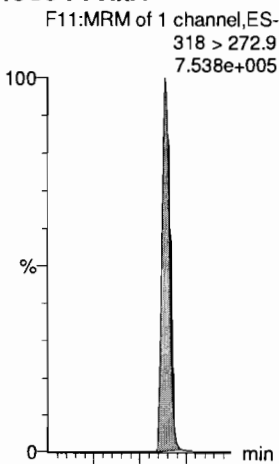
Printed: Monday, October 22, 2018 15:52:41 Pacific Daylight Time

Name: 181019M1_48, Date: 19-Oct-2018, Time: 18:44:41, ID: ST181019M1-12 PFC CS3 18J1707, Description: PFC CS3 18J1707

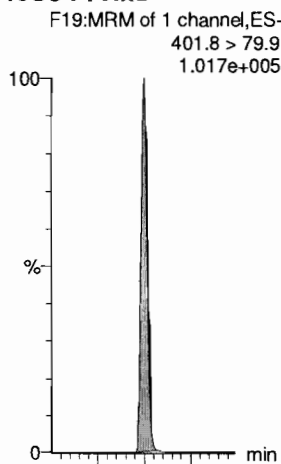
13C4-PFBA



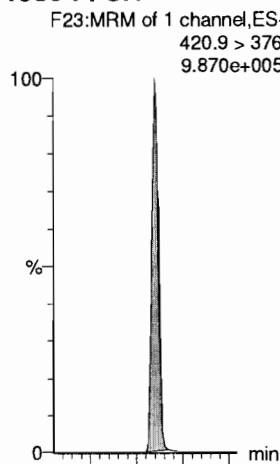
13C5-PFHxA



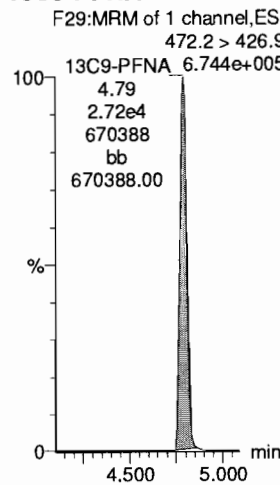
13C3-PFHxS



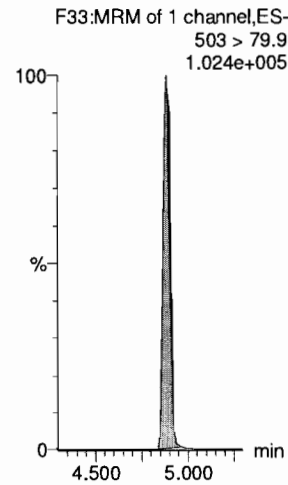
13C8-PFOA



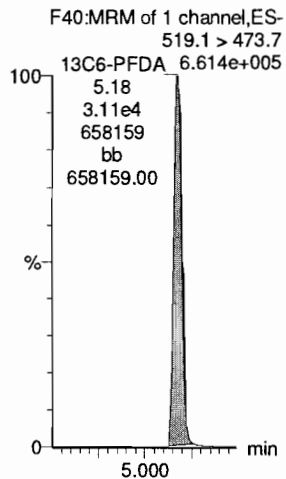
13C9-PFNA



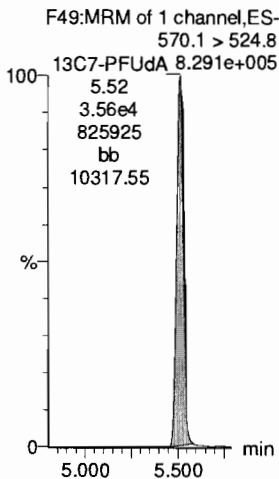
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:08:21 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_RS-10-12-18.mdb 12 Oct 2018 09:15:26

Calibration: 22 Oct 2018 18:07:58

Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181020M3-1 PFC CS0 18J1704	1.09e4	100.0	NO
2	2 13C5-PFHxA	ST181020M3-1 PFC CS0 18J1704	3.30e4	100.0	NO
3	3 13C3-PFHxS	ST181020M3-1 PFC CS0 18J1704	3.81e3	100.0	NO
4	4 13C8-PFOA	ST181020M3-1 PFC CS0 18J1704	3.69e4	100.0	NO
5	5 13C9-PFNA	ST181020M3-1 PFC CS0 18J1704	2.52e4	100.0	NO
6	6 13C4-PFOS	ST181020M3-1 PFC CS0 18J1704	3.80e3	100.0	NO
7	7 13C6-PFDA	ST181020M3-1 PFC CS0 18J1704	2.95e4	100.0	NO
8	8 13C7-PFUDa	ST181020M3-1 PFC CS0 18J1704	3.39e4	100.0	NO

Name: 181020M3_2, Date: 20-Oct-2018, Time: 12:16:26, ID: 1803323-05 101218-GRW-EW4 0.11553, Description: 101218-GRW-EW4

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-05 101218-GRW-EW4 0.11553	1.57e4	143.5	NO
2	2 13C5-PFHxA	1803323-05 101218-GRW-EW4 0.11553	3.02e4	91.4	NO
3	3 13C3-PFHxS	1803323-05 101218-GRW-EW4 0.11553	4.47e3	117.3	NO
4	4 13C8-PFOA	1803323-05 101218-GRW-EW4 0.11553	3.65e4	98.9	NO
5	5 13C9-PFNA	1803323-05 101218-GRW-EW4 0.11553	2.71e4	107.7	NO
6	6 13C4-PFOS	1803323-05 101218-GRW-EW4 0.11553	4.44e3	117.0	NO
7	7 13C6-PFDA	1803323-05 101218-GRW-EW4 0.11553	3.06e4	103.6	NO
8	8 13C7-PFUDa	1803323-05 101218-GRW-EW4 0.11553	3.70e4	109.4	NO

Name: 181020M3_3, Date: 20-Oct-2018, Time: 12:26:59, ID: 1803323-06 101218-GRW-EW5 0.11205, Description: 101218-GRW-EW5

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-06 101218-GRW-EW5 0.11205	1.55e4	141.4	NO
2	2 13C5-PFHxA	1803323-06 101218-GRW-EW5 0.11205	3.02e4	91.6	NO
3	3 13C3-PFHxS	1803323-06 101218-GRW-EW5 0.11205	4.41e3	115.6	NO
4	4 13C8-PFOA	1803323-06 101218-GRW-EW5 0.11205	3.78e4	102.5	NO
5	5 13C9-PFNA	1803323-06 101218-GRW-EW5 0.11205	2.60e4	103.0	NO
6	6 13C4-PFOS	1803323-06 101218-GRW-EW5 0.11205	4.78e3	126.0	NO
7	7 13C6-PFDA	1803323-06 101218-GRW-EW5 0.11205	3.25e4	110.1	NO
8	8 13C7-PFUDa	1803323-06 101218-GRW-EW5 0.11205	3.77e4	111.4	NO

Name: 181020M3_4, Date: 20-Oct-2018, Time: 12:37:37, ID: 1803323-07 101218-GRW-ITI Sump 0.1157, Description: 101218-GRW-ITI Sump

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-07 101218-GRW-ITI Sump 0.1...	1.23e4	112.1	NO
2	2 13C5-PFHxA	1803323-07 101218-GRW-ITI Sump 0.1...	2.47e4	74.8	NO
3	3 13C3-PFHxS	1803323-07 101218-GRW-ITI Sump 0.1...	4.29e3	112.4	NO
4	4 13C8-PFOA	1803323-07 101218-GRW-ITI Sump 0.1...	3.31e4	89.6	NO
5	5 13C9-PFNA	1803323-07 101218-GRW-ITI Sump 0.1...	2.26e4	89.5	NO
6	6 13C4-PFOS	1803323-07 101218-GRW-ITI Sump 0.1...	4.33e3	114.0	NO
7	7 13C6-PFDA	1803323-07 101218-GRW-ITI Sump 0.1...	2.73e4	92.6	NO
8	8 13C7-PFUDa	1803323-07 101218-GRW-ITI Sump 0.1...	3.20e4	94.4	NO

Dataset: Untitled

Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:08:21 Pacific Daylight Time

Name: 181020M3_5, Date: 20-Oct-2018, Time: 12:48:11, ID: 1803323-08 101218-GRW-ITI Sump-2 0.11247, Description: 101218-GRW-ITI Sump-2

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-08 101218-GRW-ITI Sump-2 0...	1.30e4	118.6	NO
2	2 13C5-PFHxA	1803323-08 101218-GRW-ITI Sump-2 0...	2.63e4	79.7	NO
3	3 13C3-PFHxS	1803323-08 101218-GRW-ITI Sump-2 0...	3.72e3	97.4	NO
4	4 13C8-PFOA	1803323-08 101218-GRW-ITI Sump-2 0...	3.29e4	89.2	NO
5	5 13C9-PFNA	1803323-08 101218-GRW-ITI Sump-2 0...	2.29e4	90.9	NO
6	6 13C4-PFOS	1803323-08 101218-GRW-ITI Sump-2 0...	3.82e3	100.6	NO
7	7 13C6-PFDA	1803323-08 101218-GRW-ITI Sump-2 0...	2.81e4	95.3	NO
8	8 13C7-PFUDa	1803323-08 101218-GRW-ITI Sump-2 0...	3.21e4	94.7	NO

Name: 181020M3_6, Date: 20-Oct-2018, Time: 13:00:51, ID: 1803323-09 101218-GRW-ITI Effluent Discharge 0.116, Description: 101218-GRW-ITI Effluent Discharge

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-09 101218-GRW-ITI Effluent D...	1.50e4	137.6	NO
2	2 13C5-PFHxA	1803323-09 101218-GRW-ITI Effluent D...	2.83e4	85.7	NO
3	3 13C3-PFHxS	1803323-09 101218-GRW-ITI Effluent D...	3.84e3	100.6	NO
4	4 13C8-PFOA	1803323-09 101218-GRW-ITI Effluent D...	3.50e4	94.8	NO
5	5 13C9-PFNA	1803323-09 101218-GRW-ITI Effluent D...	2.38e4	94.5	NO
6	6 13C4-PFOS	1803323-09 101218-GRW-ITI Effluent D...	3.84e3	101.3	NO
7	7 13C6-PFDA	1803323-09 101218-GRW-ITI Effluent D...	2.81e4	95.1	NO
8	8 13C7-PFUDa	1803323-09 101218-GRW-ITI Effluent D...	3.27e4	96.7	NO

Name: 181020M3_7, Date: 20-Oct-2018, Time: 13:11:29, ID: 1803323-10 101218-QCW-442057-F 0.12049, Description: 101218-QCW-442057-F

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803323-10 101218-QCW-442057-F 0....	1.47e4	134.8	NO
2	2 13C5-PFHxA	1803323-10 101218-QCW-442057-F 0....	2.75e4	83.2	NO
3	3 13C3-PFHxS	1803323-10 101218-QCW-442057-F 0....	3.69e3	96.9	NO
4	4 13C8-PFOA	1803323-10 101218-QCW-442057-F 0....	3.41e4	92.5	NO
5	5 13C9-PFNA	1803323-10 101218-QCW-442057-F 0....	2.38e4	94.3	NO
6	6 13C4-PFOS	1803323-10 101218-QCW-442057-F 0....	3.76e3	99.1	NO
7	7 13C6-PFDA	1803323-10 101218-QCW-442057-F 0....	2.82e4	95.5	NO
8	8 13C7-PFUDa	1803323-10 101218-QCW-442057-F 0....	3.34e4	98.7	NO

Name: 181020M3_8, Date: 20-Oct-2018, Time: 13:22:02, ID: B8J0115-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0115-BS1 OPR 0.25	1.12e4	102.9	NO
2	2 13C5-PFHxA	B8J0115-BS1 OPR 0.25	1.63e4	49.4	YES
3	3 13C3-PFHxS	B8J0115-BS1 OPR 0.25	3.88e3	101.7	NO
4	4 13C8-PFOA	B8J0115-BS1 OPR 0.25	2.06e4	55.7	NO
5	5 13C9-PFNA	B8J0115-BS1 OPR 0.25	1.41e4	56.0	NO
6	6 13C4-PFOS	B8J0115-BS1 OPR 0.25	4.07e3	107.2	NO
7	7 13C6-PFDA	B8J0115-BS1 OPR 0.25	1.82e4	61.7	NO
8	8 13C7-PFUDa	B8J0115-BS1 OPR 0.25	2.48e4	73.4	NO

Dataset: Untitled

Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:08:21 Pacific Daylight Time

Name: 181020M3_9, Date: 20-Oct-2018, Time: 13:32:41, ID: B8J0115-BSD1 LCSD 0.25, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0115-BSD1 LCSD 0.25	1.24e4	113.1	NO
2	2 13C5-PFHxA	B8J0115-BSD1 LCSD 0.25	1.48e4	44.9	YES
3	3 13C3-PFHxS	B8J0115-BSD1 LCSD 0.25	4.07e3	106.7	NO
4	4 13C8-PFOA	B8J0115-BSD1 LCSD 0.25	1.91e4	51.8	NO
5	5 13C9-PFNA	B8J0115-BSD1 LCSD 0.25	1.32e4	52.4	NO
6	6 13C4-PFOS	B8J0115-BSD1 LCSD 0.25	4.23e3	111.3	NO
7	7 13C6-PFDA	B8J0115-BSD1 LCSD 0.25	1.68e4	57.0	NO
8	8 13C7-PFUDa	B8J0115-BSD1 LCSD 0.25	2.25e4	66.4	NO

Name: 181020M3_10, Date: 20-Oct-2018, Time: 13:43:13, ID: 1803286-01 OC-RW03B-1018 0.12015, Description: OC-RW03B-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-01 OC-RW03B-1018 0.12015	9.85e3	90.1	NO
2	2 13C5-PFHxA	1803286-01 OC-RW03B-1018 0.12015	1.41e4	42.8	YES
3	3 13C3-PFHxS	1803286-01 OC-RW03B-1018 0.12015	4.25e3	111.4	NO
4	4 13C8-PFOA	1803286-01 OC-RW03B-1018 0.12015	1.82e4	49.4	YES
5	5 13C9-PFNA	1803286-01 OC-RW03B-1018 0.12015	1.34e4	53.3	NO
6	6 13C4-PFOS	1803286-01 OC-RW03B-1018 0.12015	4.28e3	112.7	NO
7	7 13C6-PFDA	1803286-01 OC-RW03B-1018 0.12015	1.72e4	58.2	NO
8	8 13C7-PFUDa	1803286-01 OC-RW03B-1018 0.12015	2.30e4	67.9	NO

Name: 181020M3_11, Date: 20-Oct-2018, Time: 13:53:52, ID: 1803286-02 OC-RW03BP-1018 0.11921, Description: OC-RW03BP-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-02 OC-RW03BP-1018 0.11921	9.44e3	86.3	NO
2	2 13C5-PFHxA	1803286-02 OC-RW03BP-1018 0.11921	1.10e4	33.4	YES
3	3 13C3-PFHxS	1803286-02 OC-RW03BP-1018 0.11921	4.08e3	107.1	NO
4	4 13C8-PFOA	1803286-02 OC-RW03BP-1018 0.11921	1.38e4	37.5	YES
5	5 13C9-PFNA	1803286-02 OC-RW03BP-1018 0.11921	1.02e4	40.4	YES
6	6 13C4-PFOS	1803286-02 OC-RW03BP-1018 0.11921	4.10e3	107.9	NO
7	7 13C6-PFDA	1803286-02 OC-RW03BP-1018 0.11921	1.20e4	40.8	YES
8	8 13C7-PFUDa	1803286-02 OC-RW03BP-1018 0.11921	1.53e4	45.2	YES

Name: 181020M3_12, Date: 20-Oct-2018, Time: 14:04:25, ID: 1803286-03 OC-FB03B-1018 0.11858, Description: OC-FB03B-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-03 OC-FB03B-1018 0.11858	1.26e4	115.6	NO
2	2 13C5-PFHxA	1803286-03 OC-FB03B-1018 0.11858	1.37e4	41.6	YES
3	3 13C3-PFHxS	1803286-03 OC-FB03B-1018 0.11858	4.24e3	111.1	NO
4	4 13C8-PFOA	1803286-03 OC-FB03B-1018 0.11858	1.59e4	43.2	YES
5	5 13C9-PFNA	1803286-03 OC-FB03B-1018 0.11858	1.11e4	44.1	YES
6	6 13C4-PFOS	1803286-03 OC-FB03B-1018 0.11858	4.36e3	114.9	NO
7	7 13C6-PFDA	1803286-03 OC-FB03B-1018 0.11858	1.37e4	46.5	YES
8	8 13C7-PFUDa	1803286-03 OC-FB03B-1018 0.11858	1.86e4	55.1	NO

Dataset: Untitled

Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:08:21 Pacific Daylight Time

Name: 181020M3_13, Date: 20-Oct-2018, Time: 14:15:03, ID: B8J0013-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0013-BS1 OPR 0.25	1.70e4	155.9	YES
2	2 13C5-PFHxA	B8J0013-BS1 OPR 0.25	3.34e4	101.1	NO
3	3 13C3-PFHxS	B8J0013-BS1 OPR 0.25	3.88e3	101.7	NO
4	4 13C8-PFOA	B8J0013-BS1 OPR 0.25	3.99e4	108.1	NO
5	5 13C9-PFNA	B8J0013-BS1 OPR 0.25	2.77e4	109.8	NO
6	6 13C4-PFOS	B8J0013-BS1 OPR 0.25	4.03e3	106.2	NO
7	7 13C6-PFDA	B8J0013-BS1 OPR 0.25	3.18e4	107.9	NO
8	8 13C7-PFUDa	B8J0013-BS1 OPR 0.25	3.66e4	108.1	NO

Name: 181020M3_14, Date: 20-Oct-2018, Time: 14:25:35, ID: B8J0013-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0013-BLK1 Method Blank 0.25	3.59e4	328.6	YES
2	2 13C5-PFHxA	B8J0013-BLK1 Method Blank 0.25	7.59e4	229.9	YES
3	3 13C3-PFHxS	B8J0013-BLK1 Method Blank 0.25	8.85e3	232.1	YES
4	4 13C8-PFOA	B8J0013-BLK1 Method Blank 0.25	8.69e4	235.3	YES
5	5 13C9-PFNA	B8J0013-BLK1 Method Blank 0.25	5.87e4	233.0	YES
6	6 13C4-PFOS	B8J0013-BLK1 Method Blank 0.25	9.01e3	237.3	YES
7	7 13C6-PFDA	B8J0013-BLK1 Method Blank 0.25	6.97e4	236.3	YES
8	8 13C7-PFUDa	B8J0013-BLK1 Method Blank 0.25	8.02e4	236.9	YES

Name: 181020M3_15, Date: 20-Oct-2018, Time: 14:36:14, ID: 1803186-01 GW1809241510SK 0.25949, Description: GW1809241510SK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-01 GW1809241510SK 0.25949	1.94e4	177.7	YES
2	2 13C5-PFHxA	1803186-01 GW1809241510SK 0.25949	3.94e4	119.4	NO
3	3 13C3-PFHxS	1803186-01 GW1809241510SK 0.25949	4.51e3	118.2	NO
4	4 13C8-PFOA	1803186-01 GW1809241510SK 0.25949	4.66e4	126.4	NO
5	5 13C9-PFNA	1803186-01 GW1809241510SK 0.25949	3.09e4	122.7	NO
6	6 13C4-PFOS	1803186-01 GW1809241510SK 0.25949	4.71e3	124.0	NO
7	7 13C6-PFDA	1803186-01 GW1809241510SK 0.25949	3.57e4	121.2	NO
8	8 13C7-PFUDa	1803186-01 GW1809241510SK 0.25949	4.49e4	132.6	NO

Name: 181020M3_16, Date: 20-Oct-2018, Time: 14:46:46, ID: 1803186-02 GW1809241620SK 0.2608, Description: GW1809241620SK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-02 GW1809241620SK 0.2608	1.65e4	151.3	YES
2	2 13C5-PFHxA	1803186-02 GW1809241620SK 0.2608	3.26e4	98.7	NO
3	3 13C3-PFHxS	1803186-02 GW1809241620SK 0.2608	3.72e3	97.4	NO
4	4 13C8-PFOA	1803186-02 GW1809241620SK 0.2608	3.83e4	103.9	NO
5	5 13C9-PFNA	1803186-02 GW1809241620SK 0.2608	2.67e4	106.0	NO
6	6 13C4-PFOS	1803186-02 GW1809241620SK 0.2608	3.79e3	99.9	NO
7	7 13C6-PFDA	1803186-02 GW1809241620SK 0.2608	2.93e4	99.4	NO
8	8 13C7-PFUDa	1803186-02 GW1809241620SK 0.2608	3.47e4	102.5	NO

Dataset: Untitled

Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:08:21 Pacific Daylight Time

Name: 181020M3_17, Date: 20-Oct-2018, Time: 14:57:25, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 181020M3_18, Date: 20-Oct-2018, Time: 15:08:03, ID: ST181020M3-2 PFC CS3 18J1707, Description: PFC CS3 18J1707

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181020M3-2 PFC CS3 18J1707	1.06e4	96.6	NO
2	2 13C5-PFHxA	ST181020M3-2 PFC CS3 18J1707	3.24e4	98.0	NO
3	3 13C3-PFHxS	ST181020M3-2 PFC CS3 18J1707	3.55e3	93.2	NO
4	4 13C8-PFOA	ST181020M3-2 PFC CS3 18J1707	3.80e4	102.9	NO
5	5 13C9-PFNA	ST181020M3-2 PFC CS3 18J1707	2.52e4	100.0	NO
6	6 13C4-PFOS	ST181020M3-2 PFC CS3 18J1707	3.80e3	100.0	NO
7	7 13C6-PFDA	ST181020M3-2 PFC CS3 18J1707	2.98e4	101.1	NO
8	8 13C7-PFUdA	ST181020M3-2 PFC CS3 18J1707	3.39e4	100.0	NO

Name: 181020M3_19, Date: 20-Oct-2018, Time: 15:18:36, ID: 1803186-03 GW1809241645GC 0.25058, Description: GW1809241645GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-03 GW1809241645GC 0.25058	1.63e4	149.1	NO
2	2 13C5-PFHxA	1803186-03 GW1809241645GC 0.25058	3.32e4	100.5	NO
3	3 13C3-PFHxS	1803186-03 GW1809241645GC 0.25058	3.99e3	104.6	NO
4	4 13C8-PFOA	1803186-03 GW1809241645GC 0.25058	4.09e4	110.7	NO
5	5 13C9-PFNA	1803186-03 GW1809241645GC 0.25058	2.71e4	107.6	NO
6	6 13C4-PFOS	1803186-03 GW1809241645GC 0.25058	4.02e3	105.8	NO
7	7 13C6-PFDA	1803186-03 GW1809241645GC 0.25058	3.25e4	110.3	NO
8	8 13C7-PFUdA	1803186-03 GW1809241645GC 0.25058	3.73e4	110.3	NO

Name: 181020M3_20, Date: 20-Oct-2018, Time: 15:29:07, ID: 1803186-04 GW1809241745GC 0.25281, Description: GW1809241745GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-04 GW1809241745GC 0.25281	1.48e4	135.4	NO
2	2 13C5-PFHxA	1803186-04 GW1809241745GC 0.25281	3.03e4	91.7	NO
3	3 13C3-PFHxS	1803186-04 GW1809241745GC 0.25281	3.71e3	97.3	NO
4	4 13C8-PFOA	1803186-04 GW1809241745GC 0.25281	3.83e4	103.7	NO
5	5 13C9-PFNA	1803186-04 GW1809241745GC 0.25281	2.66e4	105.6	NO
6	6 13C4-PFOS	1803186-04 GW1809241745GC 0.25281	3.95e3	104.0	NO
7	7 13C6-PFDA	1803186-04 GW1809241745GC 0.25281	3.13e4	106.0	NO
8	8 13C7-PFUdA	1803186-04 GW1809241745GC 0.25281	3.58e4	105.6	NO

Dataset: Untitled

Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:08:21 Pacific Daylight Time

Name: 181020M3_21, Date: 20-Oct-2018, Time: 15:39:45, ID: 1803186-05 GW1809250910SK 0.24786, Description: GW1809250910SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-05 GW1809250910SK 0.24786	1.83e4	167.1	YES
2	2 13C5-PFHxA	1803186-05 GW1809250910SK 0.24786	3.78e4	114.4	NO
3	3 13C3-PFHxS	1803186-05 GW1809250910SK 0.24786	4.46e3	117.1	NO
4	4 13C8-PFOA	1803186-05 GW1809250910SK 0.24786	4.59e4	124.4	NO
5	5 13C9-PFNA	1803186-05 GW1809250910SK 0.24786	3.29e4	130.3	NO
6	6 13C4-PFOS	1803186-05 GW1809250910SK 0.24786	4.75e3	125.1	NO
7	7 13C6-PFDA	1803186-05 GW1809250910SK 0.24786	3.72e4	126.0	NO
8	8 13C7-PFUDa	1803186-05 GW1809250910SK 0.24786	4.39e4	129.7	NO

Name: 181020M3_22, Date: 20-Oct-2018, Time: 15:50:17, ID: 1803186-06 GW1809250935GC 0.25043, Description: GW1809250935GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-06 GW1809250935GC 0.25043	1.55e4	141.5	NO
2	2 13C5-PFHxA	1803186-06 GW1809250935GC 0.25043	3.06e4	92.7	NO
3	3 13C3-PFHxS	1803186-06 GW1809250935GC 0.25043	3.67e3	96.3	NO
4	4 13C8-PFOA	1803186-06 GW1809250935GC 0.25043	3.68e4	99.6	NO
5	5 13C9-PFNA	1803186-06 GW1809250935GC 0.25043	2.49e4	98.9	NO
6	6 13C4-PFOS	1803186-06 GW1809250935GC 0.25043	3.60e3	94.9	NO
7	7 13C6-PFDA	1803186-06 GW1809250935GC 0.25043	2.91e4	98.8	NO
8	8 13C7-PFUDa	1803186-06 GW1809250935GC 0.25043	3.27e4	96.6	NO

Name: 181020M3_23, Date: 20-Oct-2018, Time: 16:04:17, ID: 1803186-07 GW1809251000SK 0.26527, Description: GW1809251000SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-07 GW1809251000SK 0.26527	1.41e4	129.0	NO
2	2 13C5-PFHxA	1803186-07 GW1809251000SK 0.26527	2.81e4	85.1	NO
3	3 13C3-PFHxS	1803186-07 GW1809251000SK 0.26527	3.39e3	88.9	NO
4	4 13C8-PFOA	1803186-07 GW1809251000SK 0.26527	3.29e4	89.1	NO
5	5 13C9-PFNA	1803186-07 GW1809251000SK 0.26527	2.36e4	93.5	NO
6	6 13C4-PFOS	1803186-07 GW1809251000SK 0.26527	3.53e3	92.9	NO
7	7 13C6-PFDA	1803186-07 GW1809251000SK 0.26527	2.73e4	92.7	NO
8	8 13C7-PFUDa	1803186-07 GW1809251000SK 0.26527	3.16e4	93.4	NO

Name: 181020M3_24, Date: 20-Oct-2018, Time: 16:14:49, ID: 1803186-08 GW1809251025GC 0.24767, Description: GW1809251025GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-08 GW1809251025GC 0.24767	1.62e4	148.2	NO
2	2 13C5-PFHxA	1803186-08 GW1809251025GC 0.24767	3.24e4	98.0	NO
3	3 13C3-PFHxS	1803186-08 GW1809251025GC 0.24767	3.69e3	96.7	NO
4	4 13C8-PFOA	1803186-08 GW1809251025GC 0.24767	3.82e4	103.6	NO
5	5 13C9-PFNA	1803186-08 GW1809251025GC 0.24767	2.64e4	104.6	NO
6	6 13C4-PFOS	1803186-08 GW1809251025GC 0.24767	3.73e3	98.2	NO
7	7 13C6-PFDA	1803186-08 GW1809251025GC 0.24767	3.02e4	102.3	NO
8	8 13C7-PFUDa	1803186-08 GW1809251025GC 0.24767	3.52e4	103.8	NO

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Printed: Monday, October 22, 2018 18:08:21 Pacific Daylight Time

Name: 181020M3_25, Date: 20-Oct-2018, Time: 16:25:28, ID: 1803186-09 GW1809251100SK 0.25907, Description: GW1809251100SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-09 GW1809251100SK 0.25907	1.42e4	129.7	NO
2	2 13C5-PFHxA	1803186-09 GW1809251100SK 0.25907	2.93e4	88.8	NO
3	3 13C3-PFHxS	1803186-09 GW1809251100SK 0.25907	3.62e3	94.9	NO
4	4 13C8-PFOA	1803186-09 GW1809251100SK 0.25907	3.64e4	98.6	NO
5	5 13C9-PFNA	1803186-09 GW1809251100SK 0.25907	2.51e4	99.5	NO
6	6 13C4-PFOS	1803186-09 GW1809251100SK 0.25907	3.75e3	98.6	NO
7	7 13C6-PFDA	1803186-09 GW1809251100SK 0.25907	2.92e4	99.1	NO
8	8 13C7-PFUDa	1803186-09 GW1809251100SK 0.25907	3.37e4	99.5	NO

Name: 181020M3_26, Date: 20-Oct-2018, Time: 16:36:01, ID: 1803186-10 GW1809251125GC 0.24861, Description: GW1809251125GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-10 GW1809251125GC 0.24861	1.63e4	149.1	NO
2	2 13C5-PFHxA	1803186-10 GW1809251125GC 0.24861	3.29e4	99.5	NO
3	3 13C3-PFHxS	1803186-10 GW1809251125GC 0.24861	3.86e3	101.4	NO
4	4 13C8-PFOA	1803186-10 GW1809251125GC 0.24861	3.75e4	101.6	NO
5	5 13C9-PFNA	1803186-10 GW1809251125GC 0.24861	2.70e4	107.0	NO
6	6 13C4-PFOS	1803186-10 GW1809251125GC 0.24861	3.83e3	100.8	NO
7	7 13C6-PFDA	1803186-10 GW1809251125GC 0.24861	3.08e4	104.3	NO
8	8 13C7-PFUDa	1803186-10 GW1809251125GC 0.24861	3.56e4	105.3	NO

Name: 181020M3_27, Date: 20-Oct-2018, Time: 16:46:38, ID: 1803186-11 GW1809251220GC 0.24834, Description: GW1809251220GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-11 GW1809251220GC 0.24834	1.51e4	137.8	NO
2	2 13C5-PFHxA	1803186-11 GW1809251220GC 0.24834	3.19e4	96.7	NO
3	3 13C3-PFHxS	1803186-11 GW1809251220GC 0.24834	3.80e3	99.7	NO
4	4 13C8-PFOA	1803186-11 GW1809251220GC 0.24834	3.75e4	101.6	NO
5	5 13C9-PFNA	1803186-11 GW1809251220GC 0.24834	2.68e4	106.2	NO
6	6 13C4-PFOS	1803186-11 GW1809251220GC 0.24834	3.76e3	99.0	NO
7	7 13C6-PFDA	1803186-11 GW1809251220GC 0.24834	3.05e4	103.4	NO
8	8 13C7-PFUDa	1803186-11 GW1809251220GC 0.24834	3.58e4	105.6	NO

Name: 181020M3_28, Date: 20-Oct-2018, Time: 16:57:11, ID: 1803186-12 GW1809251245SK 0.26123, Description: GW1809251245SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-12 GW1809251245SK 0.26123	1.42e4	130.0	NO
2	2 13C5-PFHxA	1803186-12 GW1809251245SK 0.26123	2.99e4	90.6	NO
3	3 13C3-PFHxS	1803186-12 GW1809251245SK 0.26123	3.50e3	91.8	NO
4	4 13C8-PFOA	1803186-12 GW1809251245SK 0.26123	3.62e4	98.0	NO
5	5 13C9-PFNA	1803186-12 GW1809251245SK 0.26123	2.44e4	96.7	NO
6	6 13C4-PFOS	1803186-12 GW1809251245SK 0.26123	3.51e3	92.3	NO
7	7 13C6-PFDA	1803186-12 GW1809251245SK 0.26123	3.04e4	103.2	NO
8	8 13C7-PFUDa	1803186-12 GW1809251245SK 0.26123	3.34e4	98.5	NO

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Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

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Name: 181020M3_29, Date: 20-Oct-2018, Time: 17:07:50, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 181020M3_30, Date: 20-Oct-2018, Time: 17:18:23, ID: ST181020M3-3 PFC CS3 18J1707, Description: PFC CS3 18J1707

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181020M3-3 PFC CS3 18J1707	1.13e4	103.7	NO
2	2 13C5-PFHxA	ST181020M3-3 PFC CS3 18J1707	3.26e4	98.6	NO
3	3 13C3-PFHxS	ST181020M3-3 PFC CS3 18J1707	3.61e3	94.6	NO
4	4 13C8-PFOA	ST181020M3-3 PFC CS3 18J1707	3.82e4	103.4	NO
5	5 13C9-PFNA	ST181020M3-3 PFC CS3 18J1707	2.60e4	103.2	NO
6	6 13C4-PFOS	ST181020M3-3 PFC CS3 18J1707	3.66e3	96.4	NO
7	7 13C6-PFDA	ST181020M3-3 PFC CS3 18J1707	2.88e4	97.8	NO
8	8 13C7-PFUDa	ST181020M3-3 PFC CS3 18J1707	3.61e4	106.7	NO

Name: 181020M3_31, Date: 20-Oct-2018, Time: 17:29:01, ID: 1803186-13 GW1809251335SK 0.24894, Description: GW1809251335SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-13 GW1809251335SK 0.24894	1.35e4	123.9	NO
2	2 13C5-PFHxA	1803186-13 GW1809251335SK 0.24894	2.81e4	85.1	NO
3	3 13C3-PFHxS	1803186-13 GW1809251335SK 0.24894	3.28e3	86.1	NO
4	4 13C8-PFOA	1803186-13 GW1809251335SK 0.24894	3.44e4	93.3	NO
5	5 13C9-PFNA	1803186-13 GW1809251335SK 0.24894	2.39e4	94.8	NO
6	6 13C4-PFOS	1803186-13 GW1809251335SK 0.24894	3.49e3	91.8	NO
7	7 13C6-PFDA	1803186-13 GW1809251335SK 0.24894	2.73e4	92.5	NO
8	8 13C7-PFUDa	1803186-13 GW1809251335SK 0.24894	3.27e4	96.7	NO

Name: 181020M3_32, Date: 20-Oct-2018, Time: 17:39:33, ID: 1803186-14 GW1809251345GC 0.23861, Description: GW1809251345GC

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-14 GW1809251345GC 0.23861	1.59e4	145.5	NO
2	2 13C5-PFHxA	1803186-14 GW1809251345GC 0.23861	3.26e4	98.7	NO
3	3 13C3-PFHxS	1803186-14 GW1809251345GC 0.23861	3.78e3	99.0	NO
4	4 13C8-PFOA	1803186-14 GW1809251345GC 0.23861	3.89e4	105.5	NO
5	5 13C9-PFNA	1803186-14 GW1809251345GC 0.23861	2.84e4	112.6	NO
6	6 13C4-PFOS	1803186-14 GW1809251345GC 0.23861	4.02e3	105.9	NO
7	7 13C6-PFDA	1803186-14 GW1809251345GC 0.23861	3.16e4	107.0	NO
8	8 13C7-PFUDa	1803186-14 GW1809251345GC 0.23861	3.64e4	107.6	NO

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Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

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Name: 181020M3_33, Date: 20-Oct-2018, Time: 17:50:12, ID: 1803186-15 GW1809251520SK 0.26312, Description: GW1809251520SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-15 GW1809251520SK 0.26312	1.39e4	126.8	NO
2	2 13C5-PFHxA	1803186-15 GW1809251520SK 0.26312	2.87e4	86.9	NO
3	3 13C3-PFHxS	1803186-15 GW1809251520SK 0.26312	3.29e3	86.2	NO
4	4 13C8-PFOA	1803186-15 GW1809251520SK 0.26312	3.47e4	94.1	NO
5	5 13C9-PFNA	1803186-15 GW1809251520SK 0.26312	2.48e4	98.3	NO
6	6 13C4-PFOS	1803186-15 GW1809251520SK 0.26312	3.46e3	91.3	NO
7	7 13C6-PFDA	1803186-15 GW1809251520SK 0.26312	2.83e4	95.9	NO
8	8 13C7-PFUdA	1803186-15 GW1809251520SK 0.26312	3.32e4	98.1	NO

Name: 181020M3_34, Date: 20-Oct-2018, Time: 18:00:45, ID: 1803186-16 GW1809251615SK 0.26127, Description: GW1809251615SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-16 GW1809251615SK 0.26127	1.35e4	123.8	NO
2	2 13C5-PFHxA	1803186-16 GW1809251615SK 0.26127	2.83e4	85.8	NO
3	3 13C3-PFHxS	1803186-16 GW1809251615SK 0.26127	3.42e3	89.7	NO
4	4 13C8-PFOA	1803186-16 GW1809251615SK 0.26127	3.41e4	92.4	NO
5	5 13C9-PFNA	1803186-16 GW1809251615SK 0.26127	2.34e4	92.7	NO
6	6 13C4-PFOS	1803186-16 GW1809251615SK 0.26127	3.47e3	91.5	NO
7	7 13C6-PFDA	1803186-16 GW1809251615SK 0.26127	2.80e4	94.9	NO
8	8 13C7-PFUdA	1803186-16 GW1809251615SK 0.26127	3.25e4	96.0	NO

Name: 181020M3_35, Date: 20-Oct-2018, Time: 18:11:23, ID: 1803186-17 GW1809251725SK 0.24947, Description: GW1809251725SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-17 GW1809251725SK 0.24947	1.38e4	126.1	NO
2	2 13C5-PFHxA	1803186-17 GW1809251725SK 0.24947	2.92e4	88.3	NO
3	3 13C3-PFHxS	1803186-17 GW1809251725SK 0.24947	3.52e3	92.4	NO
4	4 13C8-PFOA	1803186-17 GW1809251725SK 0.24947	3.53e4	95.6	NO
5	5 13C9-PFNA	1803186-17 GW1809251725SK 0.24947	2.47e4	98.1	NO
6	6 13C4-PFOS	1803186-17 GW1809251725SK 0.24947	3.53e3	93.0	NO
7	7 13C6-PFDA	1803186-17 GW1809251725SK 0.24947	2.87e4	97.3	NO
8	8 13C7-PFUdA	1803186-17 GW1809251725SK 0.24947	3.33e4	98.3	NO

Name: 181020M3_36, Date: 20-Oct-2018, Time: 18:22:01, ID: 1803186-18 GW1809260850SK 0.26768, Description: GW1809260850SK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803186-18 GW1809260850SK 0.26768	1.44e4	131.4	NO
2	2 13C5-PFHxA	1803186-18 GW1809260850SK 0.26768	2.75e4	83.3	NO
3	3 13C3-PFHxS	1803186-18 GW1809260850SK 0.26768	3.29e3	86.2	NO
4	4 13C8-PFOA	1803186-18 GW1809260850SK 0.26768	3.29e4	89.2	NO
5	5 13C9-PFNA	1803186-18 GW1809260850SK 0.26768	2.39e4	94.9	NO
6	6 13C4-PFOS	1803186-18 GW1809260850SK 0.26768	3.36e3	88.4	NO
7	7 13C6-PFDA	1803186-18 GW1809260850SK 0.26768	2.77e4	94.0	NO
8	8 13C7-PFUdA	1803186-18 GW1809260850SK 0.26768	3.21e4	94.9	NO

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Last Altered: Monday, October 22, 2018 18:07:58 Pacific Daylight Time

Printed: Monday, October 22, 2018 18:08:21 Pacific Daylight Time

Name: 181020M3_37, Date: 20-Oct-2018, Time: 18:32:34, ID: 1803186-19 GW1809260945GC 0.25773,
Description: GW1809260945GC

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1803186-19 GW1809260945GC 0.25773	1.50e4	137.5	NO
2	2	13C5-PFHxA	1803186-19 GW1809260945GC 0.25773	2.97e4	89.8	NO
3	3	13C3-PFHxS	1803186-19 GW1809260945GC 0.25773	3.41e3	89.4	NO
4	4	13C8-PFOA	1803186-19 GW1809260945GC 0.25773	3.60e4	97.5	NO
5	5	13C9-PFNA	1803186-19 GW1809260945GC 0.25773	2.50e4	99.2	NO
6	6	13C4-PFOS	1803186-19 GW1809260945GC 0.25773	3.42e3	90.1	NO
7	7	13C6-PFDA	1803186-19 GW1809260945GC 0.25773	2.83e4	95.9	NO
8	8	13C7-PFUdA	1803186-19 GW1809260945GC 0.25773	3.36e4	99.3	NO

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Last Altered: Saturday, October 20, 2018 18:58:20 Pacific Daylight Time

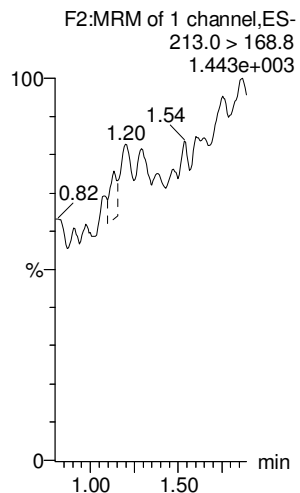
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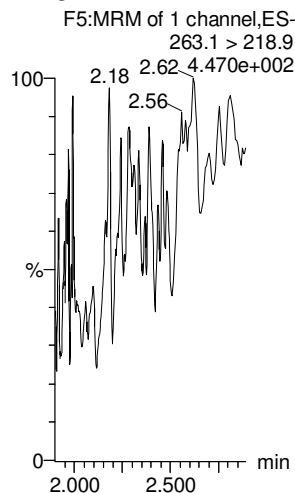
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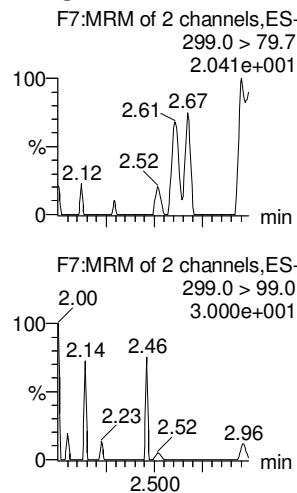
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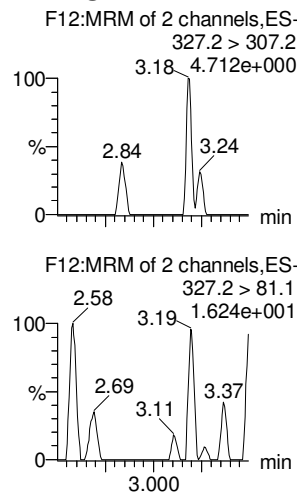
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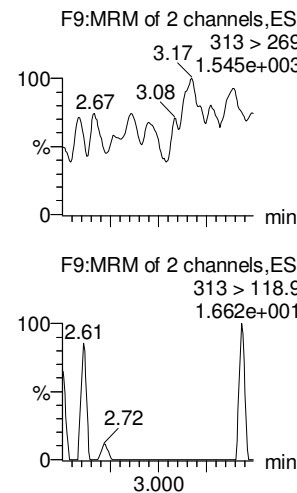
PFBS



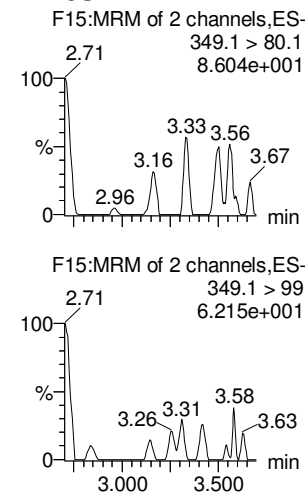
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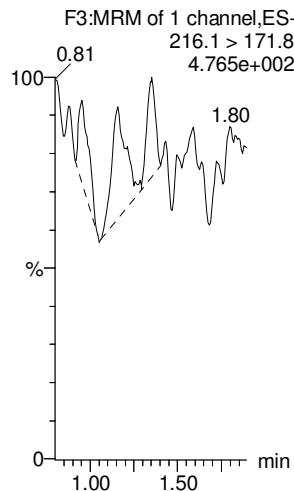
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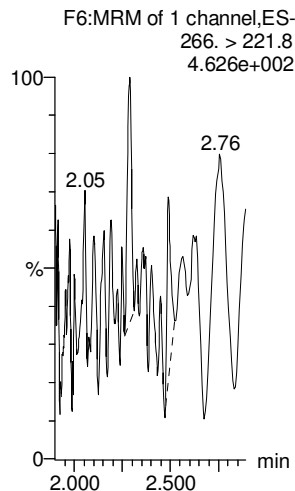
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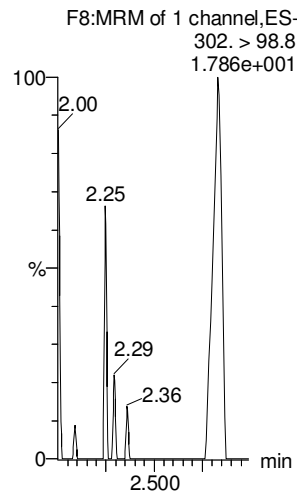
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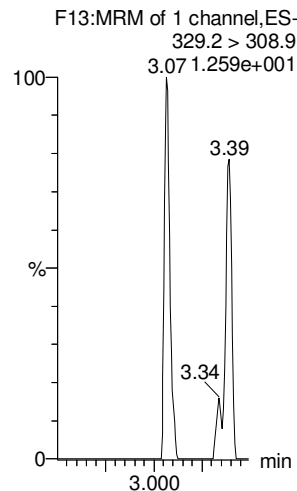
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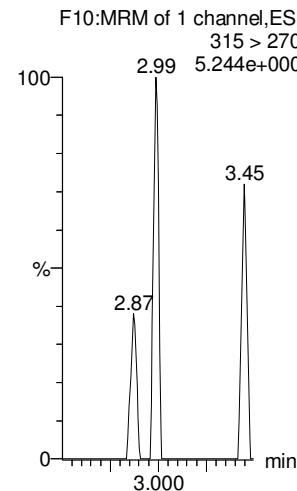
13C3-PFBS



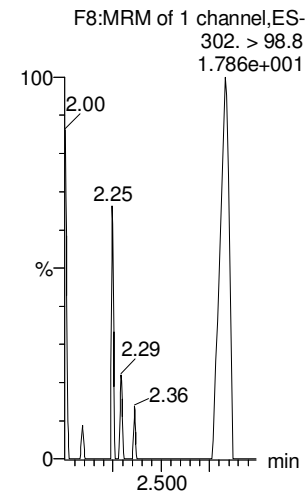
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13C2-PFHxA



13C3-PFBS



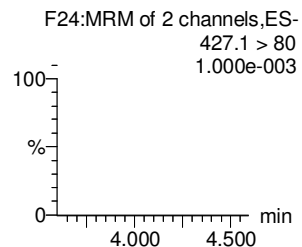
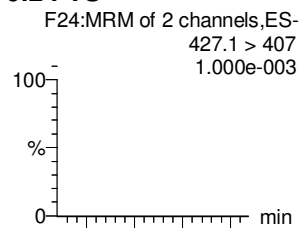
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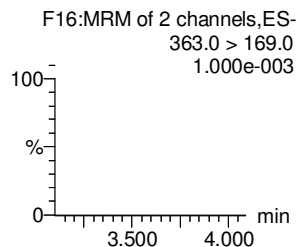
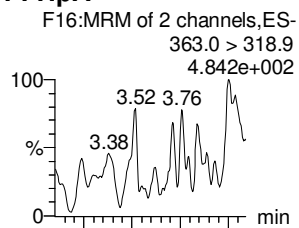
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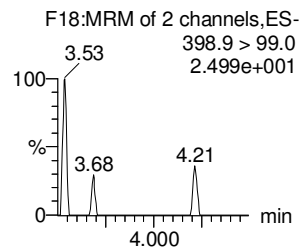
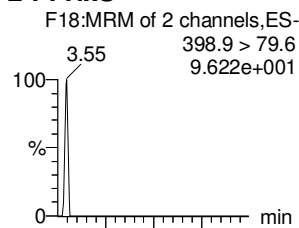
6:2 FTS



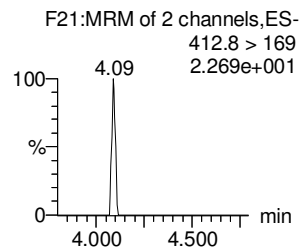
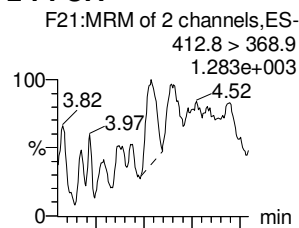
PFHpA



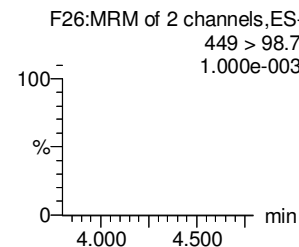
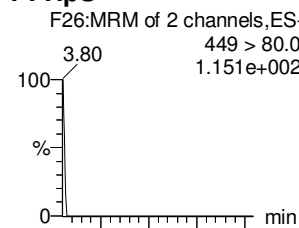
L-PFHxS



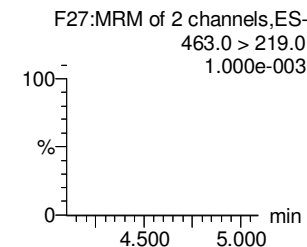
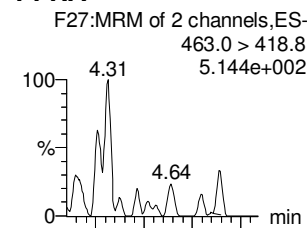
L-PFOA



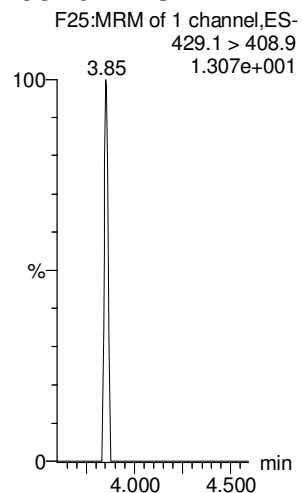
PFHpS



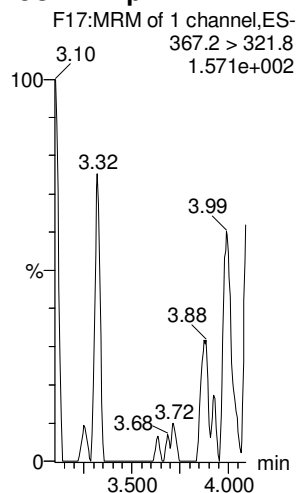
PFNA



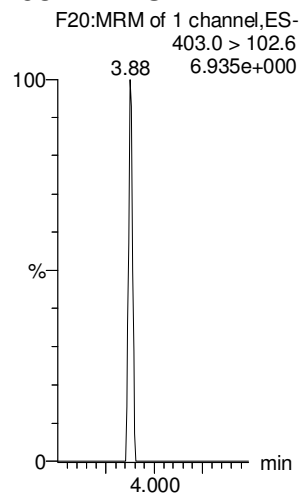
13C2-6:2 FTS



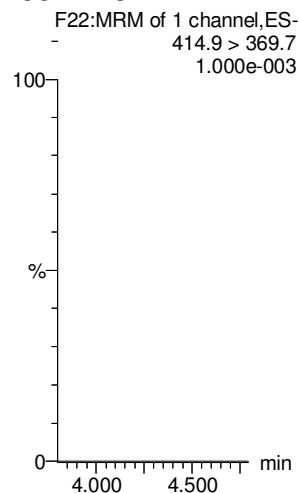
13C4-PFHpA



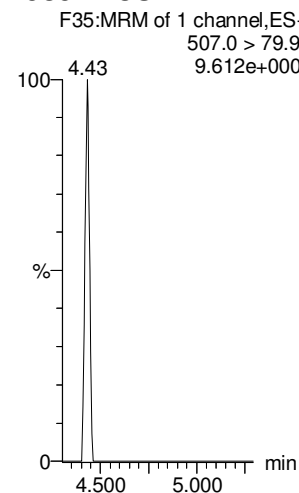
18O2-PFHxS



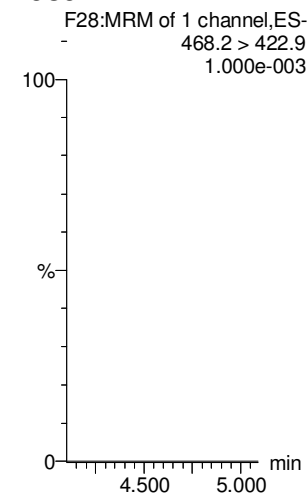
13C2-PFOA



13C8-PFOS



13C5-PFNA



Dataset: Untitled

Last Altered: Saturday, October 20, 2018 18:58:20 Pacific Daylight Time

Printed: Saturday, October 20, 2018 18:58:31 Pacific Daylight Time

Name: 181020M3_17, Date: 20-Oct-2018, Time: 14:57:25, ID: IPA, Description: IPA

PFOSA

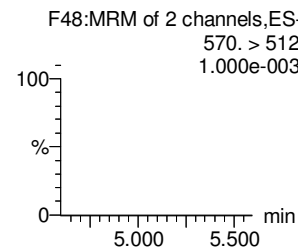
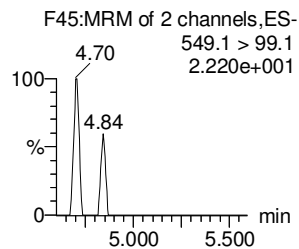
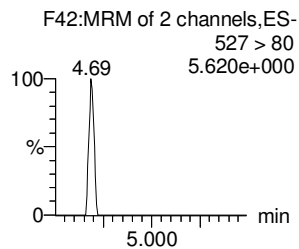
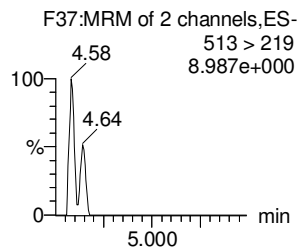
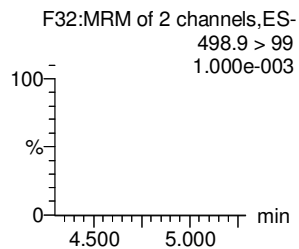
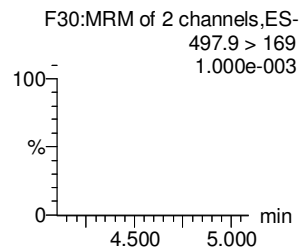
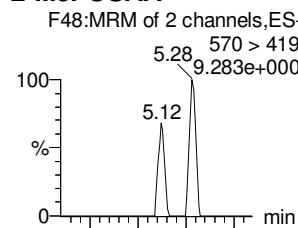
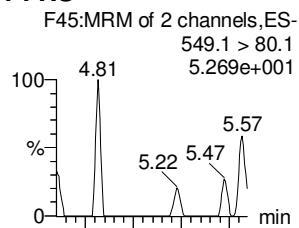
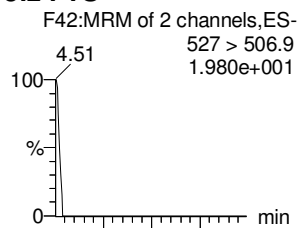
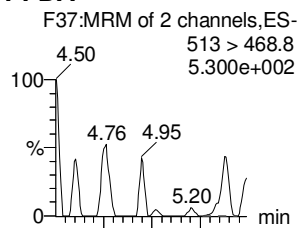
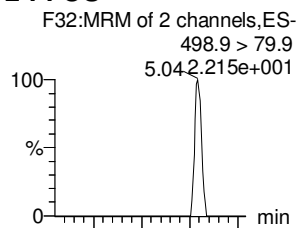
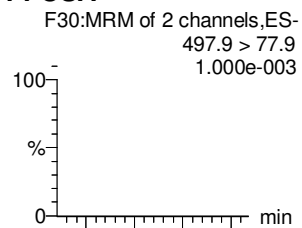
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOA

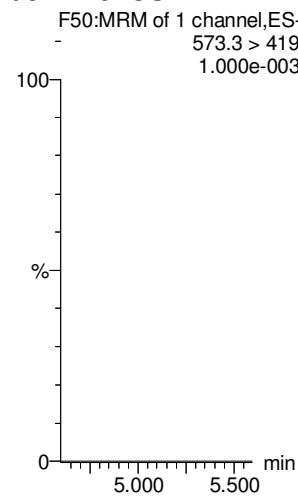
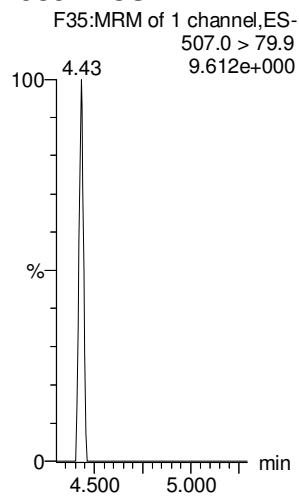
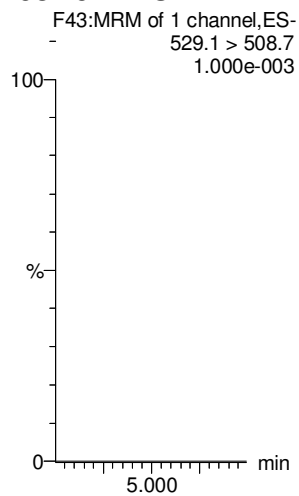
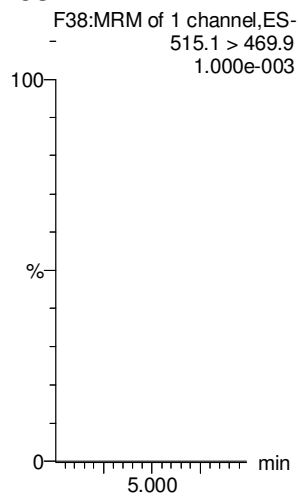
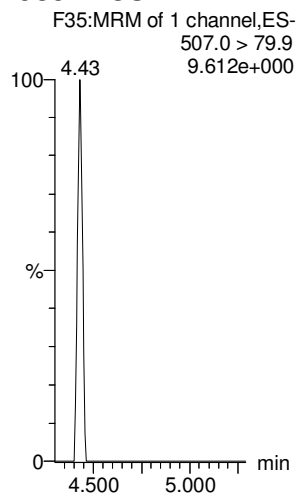
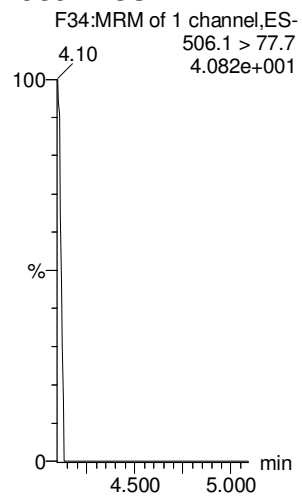
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



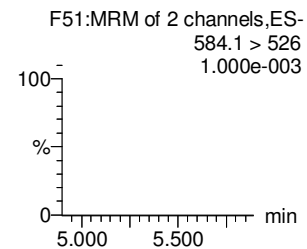
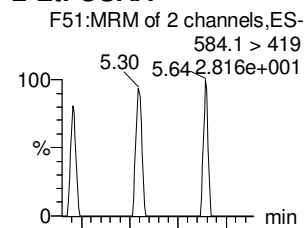
Dataset: Untitled

Last Altered: Saturday, October 20, 2018 18:58:20 Pacific Daylight Time

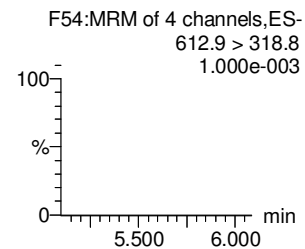
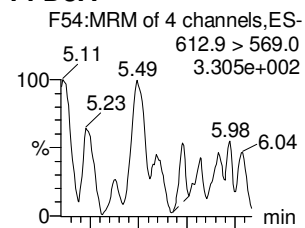
Printed: Saturday, October 20, 2018 18:58:31 Pacific Daylight Time

Name: 181020M3_17, Date: 20-Oct-2018, Time: 14:57:25, ID: IPA, Description: IPA

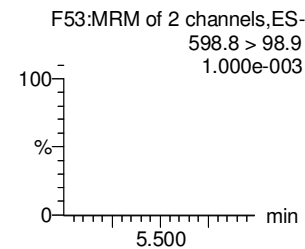
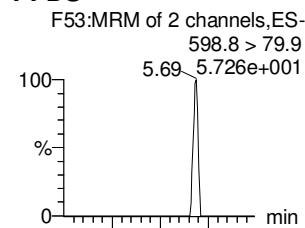
L-EtFOSAA



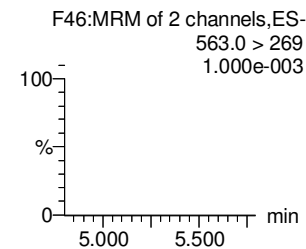
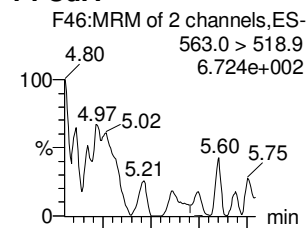
PFDoA



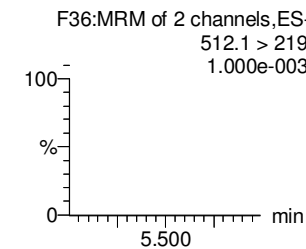
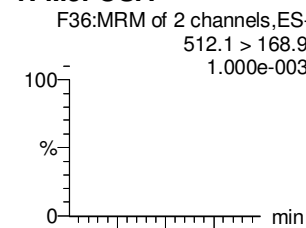
PFDS



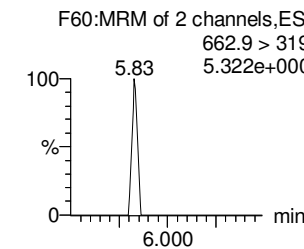
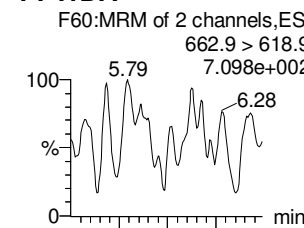
PFUdA



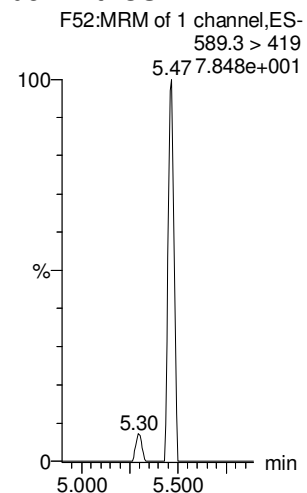
N-MeFOSA



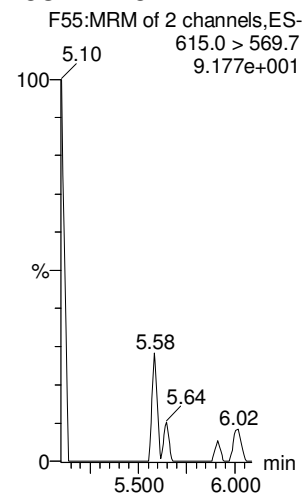
PFTrDA



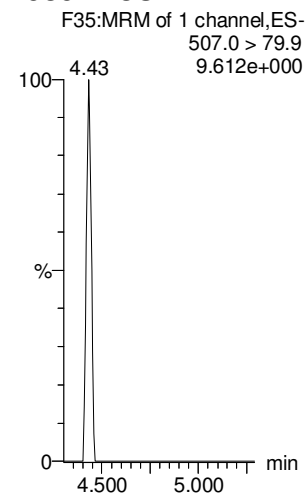
d5-N-EtFOSAA



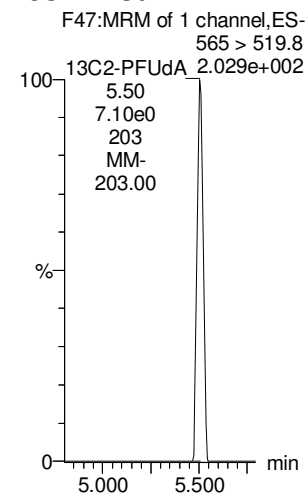
13C2-PFDoA



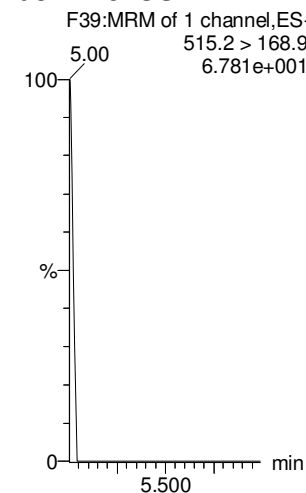
13C8-PFOS



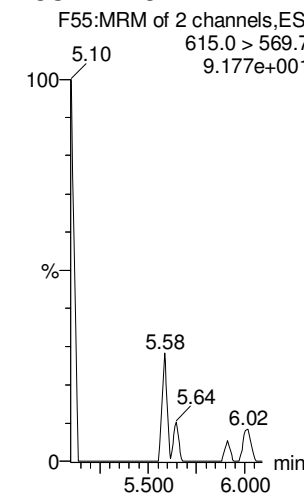
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



Dataset: Untitled

Last Altered: Saturday, October 20, 2018 18:58:20 Pacific Daylight Time

Printed: Saturday, October 20, 2018 18:58:31 Pacific Daylight Time

Name: 181020M3_17, Date: 20-Oct-2018, Time: 14:57:25, ID: IPA, Description: IPA

PFTeDA

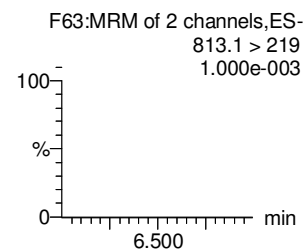
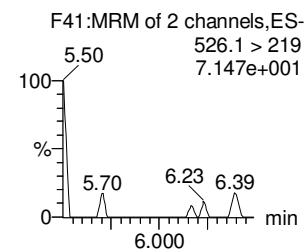
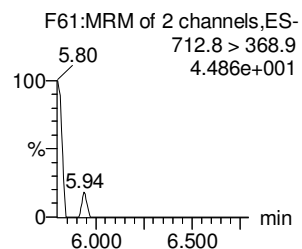
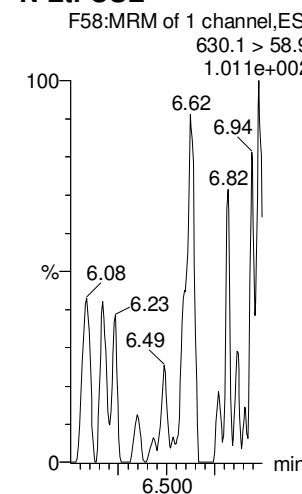
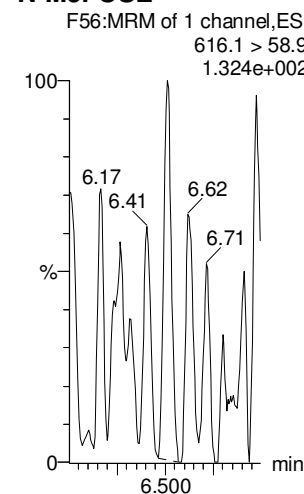
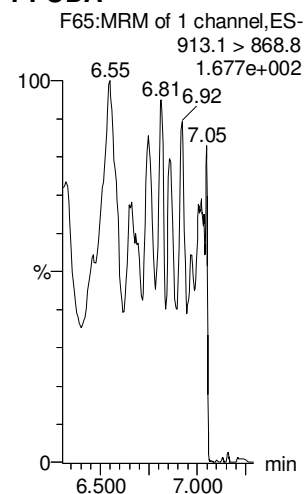
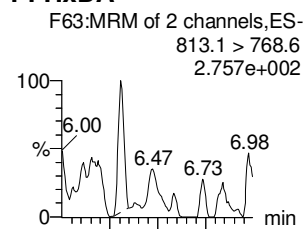
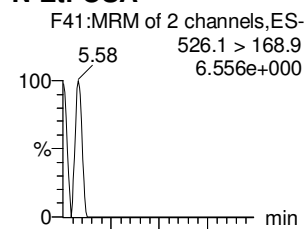
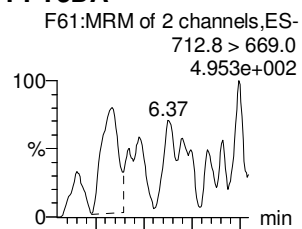
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

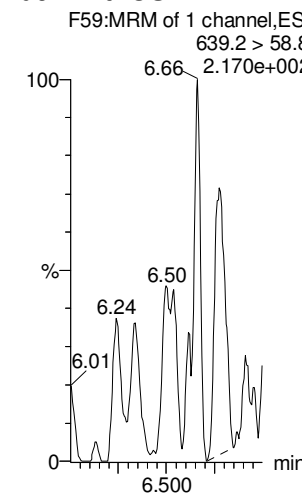
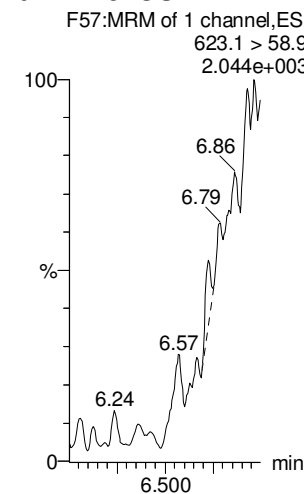
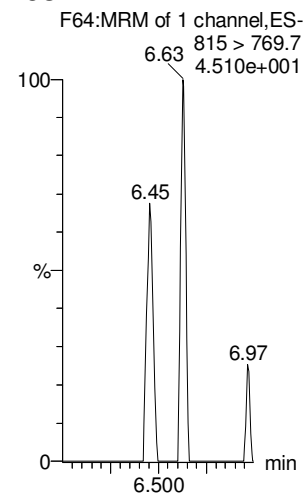
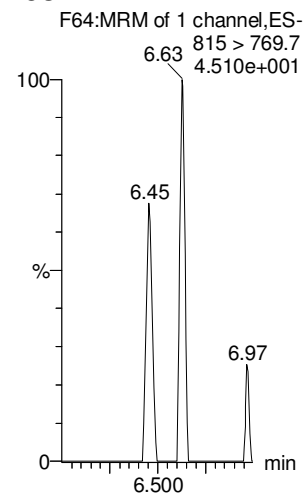
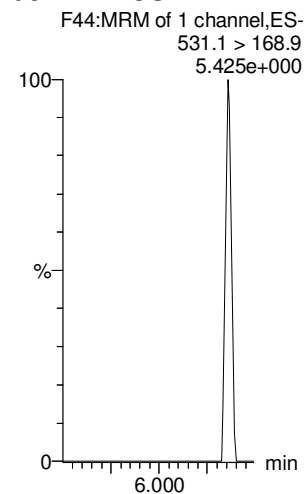
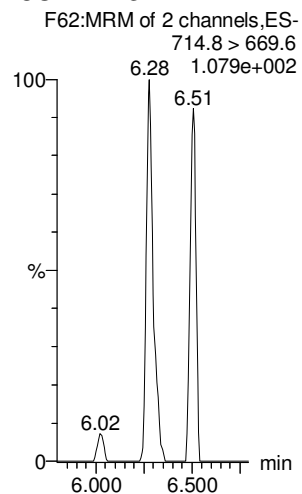
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



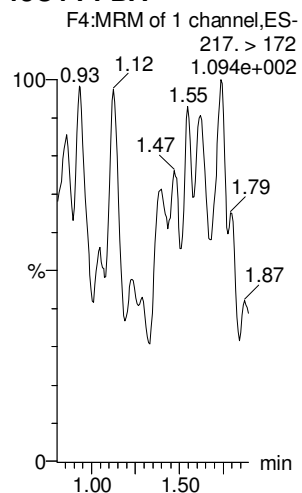
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Last Altered: Saturday, October 20, 2018 18:58:20 Pacific Daylight Time

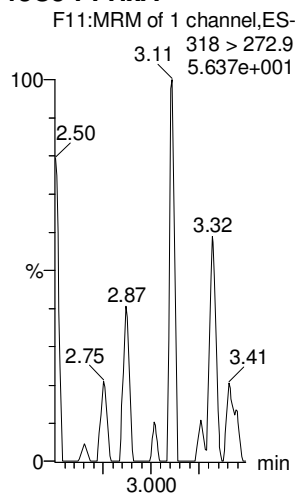
Printed: Saturday, October 20, 2018 18:58:31 Pacific Daylight Time

Name: 181020M3_17, Date: 20-Oct-2018, Time: 14:57:25, ID: IPA, Description: IPA

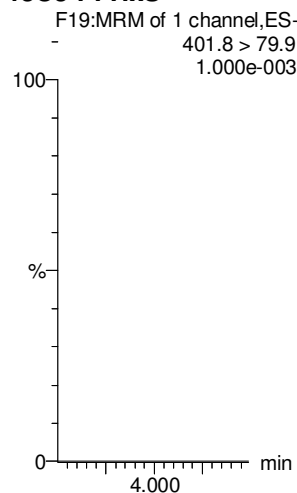
13C4-PFBA



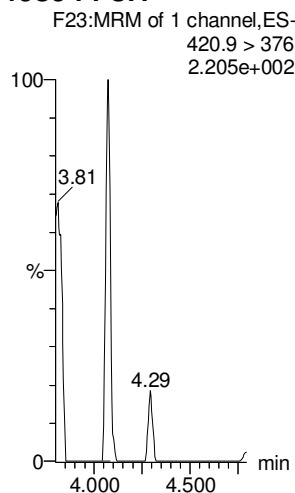
13C5-PFHxA



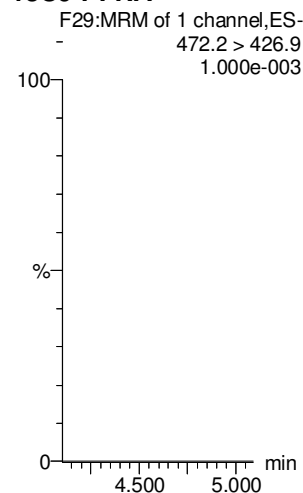
13C3-PFHxS



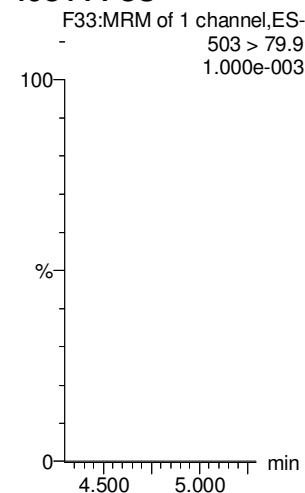
13C8-PFOA



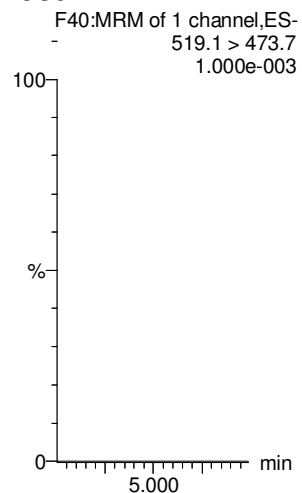
13C9-PFNA



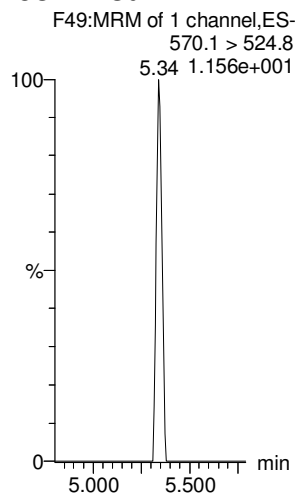
13C4-PFOS



13C6-PFDA



13C7-PFUdA



LC Calibration Standards Review Checklist

Q4

Calibration ID:	ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	Other
5T181020M3-1	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
-2	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
-3	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
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	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA
	LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NA

NA & 10/22/18

Full Mass Cal. Date: 10/18

- Run Log Present:
- # of Samples per Sequence Checked:
- Instrument Blank Saved:
- IIS Area Saved:

Reviewed By: MTT 10/22/18
Initials/Date

Comments:

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

*MJ1
10/22/18*

Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	953.112	8609.287	1.00	1.07	1.384	1.0	97.4	NO	
2	2	PFPeA	263.1 > 218.9	1498.947	17431.152	1.00	2.23	1.075	1.0	100.2	NO	
3	3	PFBS	299.0 > 79.7	329.658	2027.726	1.00	2.59	2.032	1.0	97.4	NO	3.243
4	4	4:2 FTS	327.2>307.2	509.670	4624.779	1.00	3.05	1.378	1.1	110.4	NO	1.743
5	5	PFHxA	313 > 269	2826.226	12128.290	1.00	3.14	1.165	1.0	101.8	NO	16.469
6	6	PFPeS	349.1>80.1	297.031	2027.726	1.00	3.37	1.831	1.0	102.1	NO	1.897
7	36	13C3-PFBA	216.1 > 171.8	8609.287	10927.976	1.00	1.07	9.848	12.9	103.4	NO	
8	37	13C3-PFPeA	266. > 221.8	17431.152	33028.293	1.00	2.23	6.597	12.3	98.3	NO	
9	38	13C3-PFBS	302. > 98.8	2027.726	3813.385	1.00	2.59	6.647	12.4	99.1	NO	
10	39	13C2-4:2 FTS	329.2>308.9	4624.779	3813.385	1.00	3.05	15.160	12.8	102.7	NO	
11	40	13C2-PFHxA	315 > 270	12128.290	33028.293	1.00	3.14	4.590	5.1	101.6	NO	
12	38	13C3-PFBS	302. > 98.8	2027.726	3813.385	1.00	2.59	6.647	12.4	99.1	NO	
13	-1											
14	10	6:2 FTS	427.1 > 407	596.652	4536.310	1.00	4.25	1.644	1.0	101.7	NO	3.566
15	7	PFHpA	363.0 > 318.9	1866.661	15618.195	1.00	3.79	1.494	1.0	104.8	NO	13.283
16	8	L-PFHxS	398.9 > 79.6	277.049	1827.950	1.00	3.95	1.895	1.0	95.1	NO	1.949
17	11	L-PFOA	412.8 > 368.9	3719.862	25694.977	1.00	4.31	1.810	1.1	111.4	NO	3.648
18	13	PFHpS	449 > 80.0	304.329	3945.332	1.00	4.43	0.964	1.0	103.4	NO	1.880
19	14	PFNA	463.0 > 418.8	3097.456	24380.021	1.00	4.75	1.588	1.1	106.4	NO	4.958
20	43	13C2-6:2 FTS	429.1 > 408.9	4536.310	3796.847	1.00	4.25	14.934	12.3	98.6	NO	
21	41	13C4-PFHpA	367.2 > 321.8	15618.195	33028.293	1.00	3.79	5.911	12.8	102.0	NO	
22	42	18O2-PFHxS	403.0 > 102.6	1827.950	3813.385	1.00	3.95	5.992	13.1	104.9	NO	
23	44	13C2-PFOA	414.9 > 369.7	25694.977	36908.410	1.00	4.31	8.702	12.2	97.7	NO	
24	47	13C8-PFOS	507.0 > 79.9	3945.332	3796.847	1.00	4.85	12.989	12.7	101.8	NO	
25	45	13C5-PFNA	468.2 > 422.9	24380.021	25211.299	1.00	4.75	12.088	12.9	103.2	NO	
26	-1											
27	15	PFOSA	497.9 > 77.9	646.291	5814.541	1.00	4.78	1.389	1.1	106.3	NO	25.434
28	16	L-PFOS	498.9 > 79.9	356.021	3945.332	1.00	4.84	1.128	1.0	96.0	NO	1.911
29	18	PFDA	513 > 468.8	3180.544	24705.184	1.00	5.14	1.609	1.0	99.4	NO	5.761
30	19	8:2 FTS	527 > 506.9	432.080	3532.037	1.00	5.10	1.529	0.9	89.7	NO	2.099
31	20	PFNS	549.1 > 80.1	276.691	3945.332	1.00	5.21	0.877	1.1	111.4	NO	1.632
32	21	L-MeFOSAA	570 > 419	1024.149	5454.113	1.00	5.30	2.347	1.0	100.7	NO	2.626
33	46	13C8-PFOA	506.1 > 77.7	5814.541	33859.609	1.00	4.78	2.147	12.4	99.0	NO	
34	47	13C8-PFOS	507.0 > 79.9	3945.332	3796.847	1.00	4.85	12.989	12.7	101.8	NO	
35	48	13C2-PFDA	515.1 > 469.9	24705.184	29495.018	1.00	5.14	10.470	12.8	102.4	NO	
36	49	13C2-8:2 FTS	529.1 > 508.7	3532.037	3796.847	1.00	5.10	11.628	12.5	99.9	NO	

AMR 10/22/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	3945.332	3796.847	1.00	4.85	12.989	12.7	101.8	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	5454.113	33859.609	1.00	5.30	2.014	12.6	100.7	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	841.196	7910.467	1.00	5.47	1.329	0.9	94.0	NO	1.373	NO
41	27 PFD0A	612.9 > 569.0	3396.053	28623.400	1.00	5.77	1.483	1.1	108.2	NO	8.584	NO
42	26 PFDS	598.8 > 79.9	263.798	3945.332	1.00	5.54	0.836	0.8	81.8	NO	1.208	NO
43	25 PFUDa	563.0 > 518.9	2775.108	31036.197	1.00	5.48	1.118	1.0	100.6	NO	10.001	NO
44	28 N-MeFOSA	512.1 > 168.9	662.269	17238.873	1.00	5.60	5.763	4.7	94.9	NO	1.416	NO
45	29 PFTTrDA	662.9 > 618.9	3469.112	28623.400	1.00	6.03	1.515	1.0	103.3	NO	28.039	NO
46	52 d5-N-EtFOSAA	589.3 > 419	7910.467	33859.609	1.00	5.46	2.920	14.0	112.1	NO		
47	53 13C2-PFD0A	615.0 > 569.7	28623.400	29495.018	1.00	5.77	12.131	12.5	100.1	NO		
48	47 13C8-PFOS	507.0 > 79.9	3945.332	3796.847	1.00	4.85	12.989	12.7	101.8	NO		
49	51 13C2-PFUDa	565 > 519.8	31036.197	33859.609	1.00	5.48	11.458	12.2	97.9	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	17238.873	33859.609	1.00	5.63	6.364	143.5	95.7	NO		
51	53 13C2-PFD0A	615.0 > 569.7	28623.400	29495.018	1.00	5.77	12.131	12.5	100.1	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	2880.621	14365.027	1.00	6.26	2.507	1.1	108.6	NO	13.464	NO
54	31 N-EtFOSA	526.1 > 168.9	847.814	22462.586	1.00	6.17	5.662	5.5	110.8	NO	1.719	NO
55	32 PFHxDA	813.1 > 768.6	970.403	9183.697	1.00	6.63	0.528	1.0	96.4	NO	13.454	YES
56	33 PFODA	913.1 > 868.8	1774.941	9183.697	1.00	6.88	0.966	1.0	104.0	NO		
57	34 N-MeFOSE	616.1 > 58.9	585.061	16690.645	1.00	6.63	5.258	4.6	92.9	NO		
58	35 N-EtFOSE	630.1 > 58.9	710.817	15522.278	1.00	6.77	6.869	5.1	101.7	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	14365.027	33859.609	1.00	6.26	5.303	10.4	83.5	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	22462.586	33859.609	1.00	6.20	8.293	137.9	92.0	NO		
61	57 13C2-PFHxDA	815 > 769.7	9183.697	33859.609	1.00	6.63	3.390	4.4	87.2	NO		
62	57 13C2-PFHxDA	815 > 769.7	9183.697	33859.609	1.00	6.63	3.390	4.4	87.2	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	16690.645	33859.609	1.00	6.62	6.162	138.6	92.4	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	15522.278	33859.609	1.00	6.77	5.730	136.3	90.9	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	10927.976	10927.976	1.00	1.07	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	33028.293	33028.293	1.00	3.14	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3813.385	3813.385	1.00	3.95	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	36908.410	36908.410	1.00	4.31	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	25211.299	25211.299	1.00	4.75	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3796.847	3796.847	1.00	4.85	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	29495.018	29495.018	1.00	5.14	12.500	12.5	100.0	NO		

AMR 10/22/2018

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	33859.609	33859.609	1.00	5.48	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Monday, October 22, 2018 16:43:29 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:43:41 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102018.mdb 20 Oct 2018 15:49:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181020M3_1	ST181020M3-1 PFC CS0 18J1704	20-Oct-18	12:05:30
2	2 181020M3_2	1803323-05 101218-GRW-EW4 0.11553	20-Oct-18	12:16:26
3	3 181020M3_3	1803323-06 101218-GRW-EW5 0.11205	20-Oct-18	12:26:59
4	4 181020M3_4	1803323-07 101218-GRW-ITI Sump 0.1157	20-Oct-18	12:37:37
5	5 181020M3_5	1803323-08 101218-GRW-ITI Sump-2 0.11247	20-Oct-18	12:48:11
6	6 181020M3_6	1803323-09 101218-GRW-ITI Effluent Discharge 0.116	20-Oct-18	13:00:51
7	7 181020M3_7	1803323-10 101218-QCW-442057-F 0.12049	20-Oct-18	13:11:29
8	8 181020M3_8	B8J0115-BS1 OPR 0.25	20-Oct-18	13:22:02
9	9 181020M3_9	B8J0115-BSD1 LCSD 0.25	20-Oct-18	13:32:41
10	10 181020M3_10	1803286-01 OC-RW03B-1018 0.12015	20-Oct-18	13:43:13
11	11 181020M3_11	1803286-02 OC-RW03BP-1018 0.11921	20-Oct-18	13:53:52
12	12 181020M3_12	1803286-03 OC-FB03B-1018 0.11858	20-Oct-18	14:04:25
13	13 181020M3_13	B8J0013-BS1 OPR 0.25	20-Oct-18	14:15:03
14	14 181020M3_14	B8J0013-BLK1 Method Blank 0.25	20-Oct-18	14:25:35
15	15 181020M3_15	1803186-01 GW1809241510SK 0.25949	20-Oct-18	14:36:14
16	16 181020M3_16	1803186-02 GW1809241620SK 0.2608	20-Oct-18	14:46:46
17	17 181020M3_17	IPA	20-Oct-18	14:57:25
18	18 181020M3_18	ST181020M3-2 PFC CS3 18J1707	20-Oct-18	15:08:03
19	19 181020M3_19	1803186-03 GW1809241645GC 0.25058	20-Oct-18	15:18:36
20	20 181020M3_20	1803186-04 GW1809241745GC 0.25281	20-Oct-18	15:29:07
21	21 181020M3_21	1803186-05 GW1809250910SK 0.24786	20-Oct-18	15:39:45
22	22 181020M3_22	1803186-06 GW1809250935GC 0.25043	20-Oct-18	15:50:17
23	23 181020M3_23	1803186-07 GW1809251000SK 0.26527	20-Oct-18	16:04:17
24	24 181020M3_24	1803186-08 GW1809251025GC 0.24767	20-Oct-18	16:14:49
25	25 181020M3_25	1803186-09 GW1809251100SK 0.25907	20-Oct-18	16:25:28
26	26 181020M3_26	1803186-10 GW1809251125GC 0.24861	20-Oct-18	16:36:01
27	27 181020M3_27	1803186-11 GW1809251220GC 0.24834	20-Oct-18	16:46:38
28	28 181020M3_28	1803186-12 GW1809251245SK 0.26123	20-Oct-18	16:57:11
29	29 181020M3_29	IPA	20-Oct-18	17:07:50
30	30 181020M3_30	ST181020M3-3 PFC CS3 18J1707	20-Oct-18	17:18:23
31	31 181020M3_31	1803186-13 GW1809251335SK 0.24894	20-Oct-18	17:29:01
32	32 181020M3_32	1803186-14 GW1809251345GC 0.23861	20-Oct-18	17:39:33

Dataset: Untitled

Last Altered: Monday, October 22, 2018 16:43:29 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:43:41 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 181020M3_33	1803186-15 GW1809251520SK 0.26312	20-Oct-18	17:50:12
34	34 181020M3_34	1803186-16 GW1809251615SK 0.26127	20-Oct-18	18:00:45
35	35 181020M3_35	1803186-17 GW1809251725SK 0.24947	20-Oct-18	18:11:23
36	36 181020M3_36	1803186-18 GW1809260850SK 0.26768	20-Oct-18	18:22:01
37	37 181020M3_37	1803186-19 GW1809260945GC 0.25773	20-Oct-18	18:32:34
38	38 181020M3_38	1803186-20 GW1809261000SK 0.26126 overpressurized remaining samples did not inject		
39	39 181020M3_39	B8J0125-BS1 OPR 0.25		
40	40 181020M3_40	B8J0125-BLK1 Method Blank 0.25		
41	41 181020M3_41	1803245-01 GPI-18-10-03-WW01V (I) 0.11723		
42	42 181020M3_42	1803307-01 GW1810081235SK 0.25207		
43	43 181020M3_43	IPA		
44	44 181020M3_44	ST181020M3-4 PFC CS3 18J1707		
45	45 181020M3_45	1803307-02 GW1810081320SK 0.2451		
46	46 181020M3_46	1803307-03 GW1810081410SK 0.24815		
47	47 181020M3_47	1803307-04 GW1810081605SK 0.24518		
48	48 181020M3_48	1803307-05 GW1810090910SK 0.25042		
49	49 181020M3_49	1803307-06 GW1810091025SK 0.24703		
50	50 181020M3_50	1803307-07 GW1810091140SK 0.25221		
51	51 181020M3_51	1803307-08 GW1810091235SK 0.25776		
52	52 181020M3_52	1803307-09 GW1810091340SK 0.25953		
53	53 181020M3_53	1803307-10 GW1810091505SK 0.25541		
54	54 181020M3_54	1803332-01 WMP1810150940JSJ 0.26672		
55	55 181020M3_55	IPA		
56	56 181020M3_56	ST181020M3-5 PFC CS3 18J1707		
57	57 181020M3_57	1803332-02 WMP1810150950JSJ 0.27776		
58	58 181020M3_58	1803332-03 WMP1810151000JSJ 0.27956		
59	59 181020M3_59	B8J0038-BS1 OPR 0.125		
60	60 181020M3_60	B8J0038-MS1 Matrix Spike 0.11515		
61	61 181020M3_61	B8J0038-MSD1 Matrix Spike Dup 0.12015		
62	62 181020M3_62	B8J0038-BLK1 Method Blank 0.125		
63	63 181020M3_63	1803200-01 GW-OP-2 0.11553		
64	64 181020M3_64	1803200-02 GW-BP-4 0.11886		
65	65 181020M3_65	1803200-03 GW-OP-5 0.12752		
66	66 181020M3_66	1803200-04 GW-MW-5S 0.1191		
67	67 181020M3_67	1803200-05 GW-MW-11 0.11189		
68	68 181020M3_68	1803200-06 GW-AE-2B 0.11626		

Dataset: Untitled

Last Altered: Monday, October 22, 2018 16:43:29 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:43:41 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 181020M3_69	1803200-07 GW-AE-2A 0.11501		
70	70 181020M3_70	1803200-08 GW-FPC-5B 0.11706		
71	71 181020M3_71	IPA		
72	72 181020M3_72	ST181020M3-6 PFC CS3 18J1707		
73	73 181020M3_73	1803200-09 GW-MW-9 0.11714		
74	74 181020M3_74	1803200-10 GW-MW-10 0.11716		
75	75 181020M3_75	1803200-11 GW-MW-5D 0.1202		
76	76 181020M3_76	1803200-12 GW-MW-8 0.12058		
77	77 181020M3_77	1803200-13 GW-MW-6 0.12775		
78	78 181020M3_78	1803200-14 GW-EB-WATER LEVEL 0.12336		
79	79 181020M3_79	1803200-15 DW-R-9BFL 0.12446		
80	80 181020M3_80	1803200-16 DW-R-10SMW 0.12674		
81	81 181020M3_81	1803200-18 DW-R-3-DUP 0.12491		
82	82 181020M3_82	1803200-19 DW-R-10ROD 0.11943		
83	83 181020M3_83	IPA		
84	84 181020M3_84	ST181020M3-7 PFC CS3 18J1707		
85	85 181020M3_85	1803200-20 DW-R-21SMW 0.12014		
86	86 181020M3_86	1803200-21 DW-R-21SMW-DUP 0.12251		
87	87 181020M3_87	B8J0099-BS1 OPR 0.125		
88	88 181020M3_88	B8J0099-MS1 Matrix Spike 0.11939		
89	89 181020M3_89	B8J0099-MSD1 Matrix Spike Dup 0.11481		
90	90 181020M3_90	B8J0099-BLK1 Method Blank 0.125		
91	91 181020M3_91	1803200-70 SW-SW-5 0.12015		
92	92 181020M3_92	1803200-71 GW-FPC-6B 0.11567		
93	93 181020M3_93	1803200-72 DW-R-67RCD 0.12184		
94	94 181020M3_94	1803200-73 GW-FPC-11B 0.11535		
95	95 181020M3_95	1803200-74 GW-AE-1A 0.11824		
96	96 181020M3_96	1803200-75 GW-FPC-4B 0.12098		
97	97 181020M3_97	1803200-76 SW-SW-BB1 0.11867		
98	98 181020M3_98	1803200-77 DW-R-8WKD 0.12133		
99	99 181020M3_116	IPA		
100	1... 181020M3_117	ST181020M3-8 PFC CS3 18J1707		
101	1... 181020M3_99	1803200-78 GW-AE-4A 0.1198		
102	1... 181020M3_100	1803200-79 GW-FPC-11A 0.11653		
103	1... 181020M3_101	1803200-80 SW-SW-BB2 0.11628		
104	1... 181020M3_102	1803200-81 GW-FPC-6A 0.11754		

Dataset: Untitled

Last Altered: Monday, October 22, 2018 16:43:29 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:43:41 Pacific Daylight Time

Compound name: PFBA

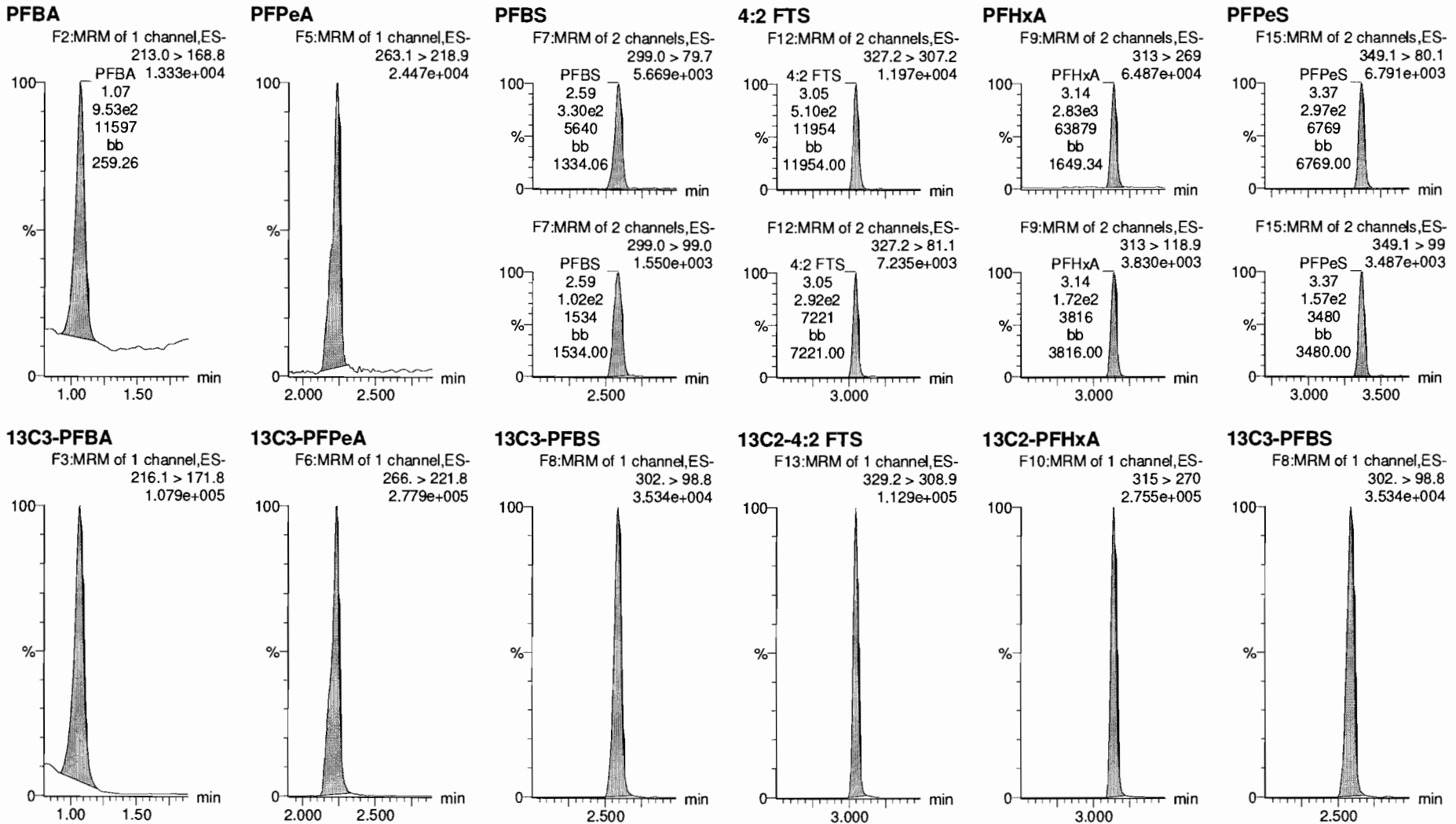
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105	1... 181020M3_103	1803200-82 GW-FPC-3A	0.11595	
106	1... 181020M3_104	1803200-83 GW-FPC-3B	0.11846	
107	1... 181020M3_105	1803200-84 GW-FPC-3C	0.11979	
108	1... 181020M3_106	1803200-85 SW-SW-5-DUP	0.11439	
109	1... 181020M3_107	B8J0122-BS1 OPR	1	
110	1... 181020M3_108	B8J0122-BLK1 Method Blank	1	
111	1... 181020M3_109	1803200-53 S-SED-BB1	1.17	
112	1... 181020M3_110	1803200-54 S-SED-5	2.87	
113	1... 181020M3_116	IPA		
114	1... 181020M3_117	ST181020M3-9 PFC CS3	18J1707	
115	1... 181020M3_111	1803200-55 S-SED-5-DUP	2.81	
116	1... 181020M3_112	1803200-56 S-SED-4	3.25	
117	1... 181020M3_113	1803200-57 S-SED-LR	2.06	
118	1... 181020M3_114	1803200-58 S-SED-111	1.34	
119	1... 181020M3_115	1803200-59 S-SED-110	1.68	
120	1... 181020M3_116	IPA		
121	1... 181020M3_117	ST181020M3-8 PFC CS3	18J1707	
122	1... 181020M3_118	Centrifuge Tube QC		

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time
Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102018.mdb 20 Oct 2018 15:49:54
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

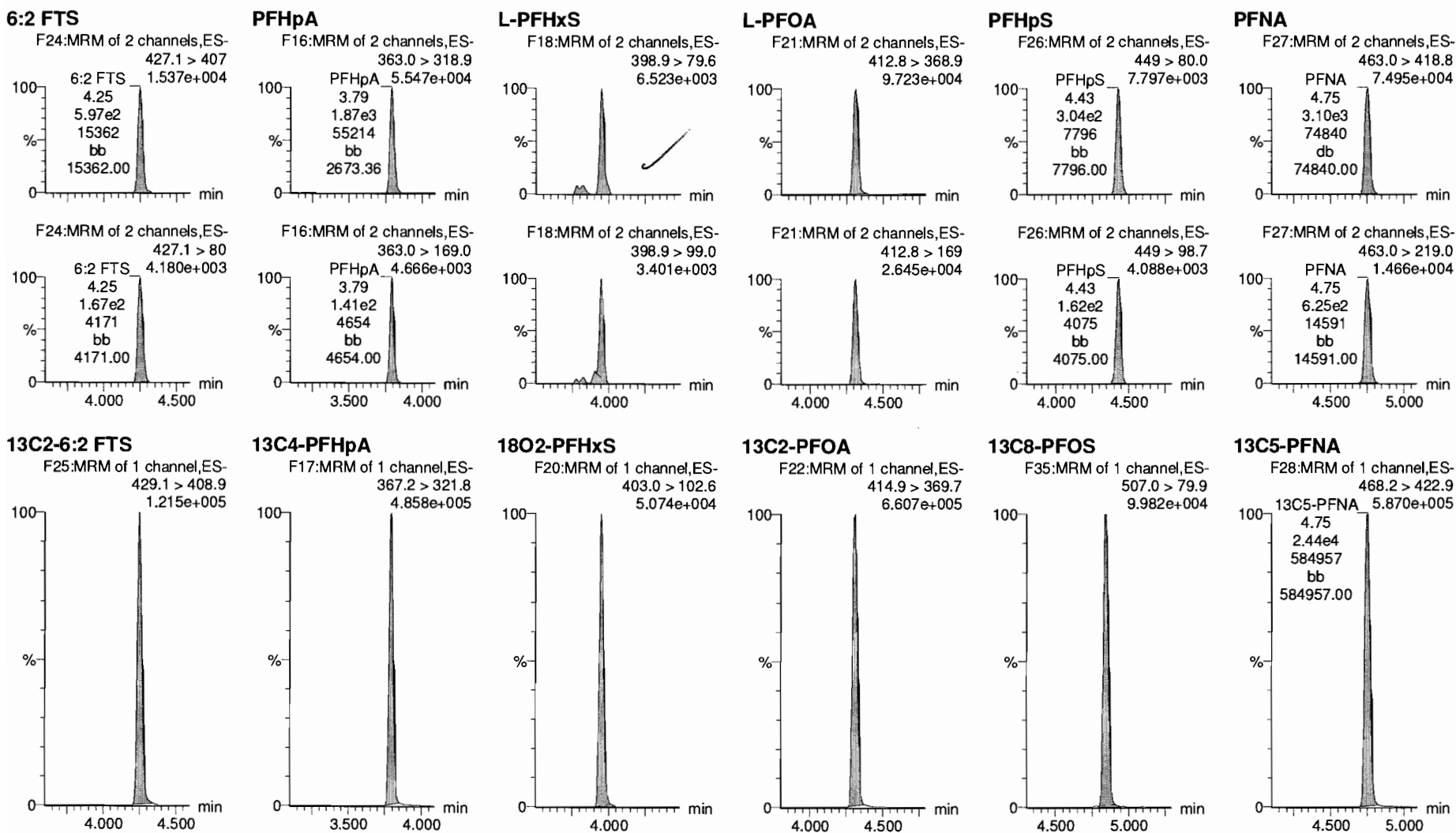
Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time
Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

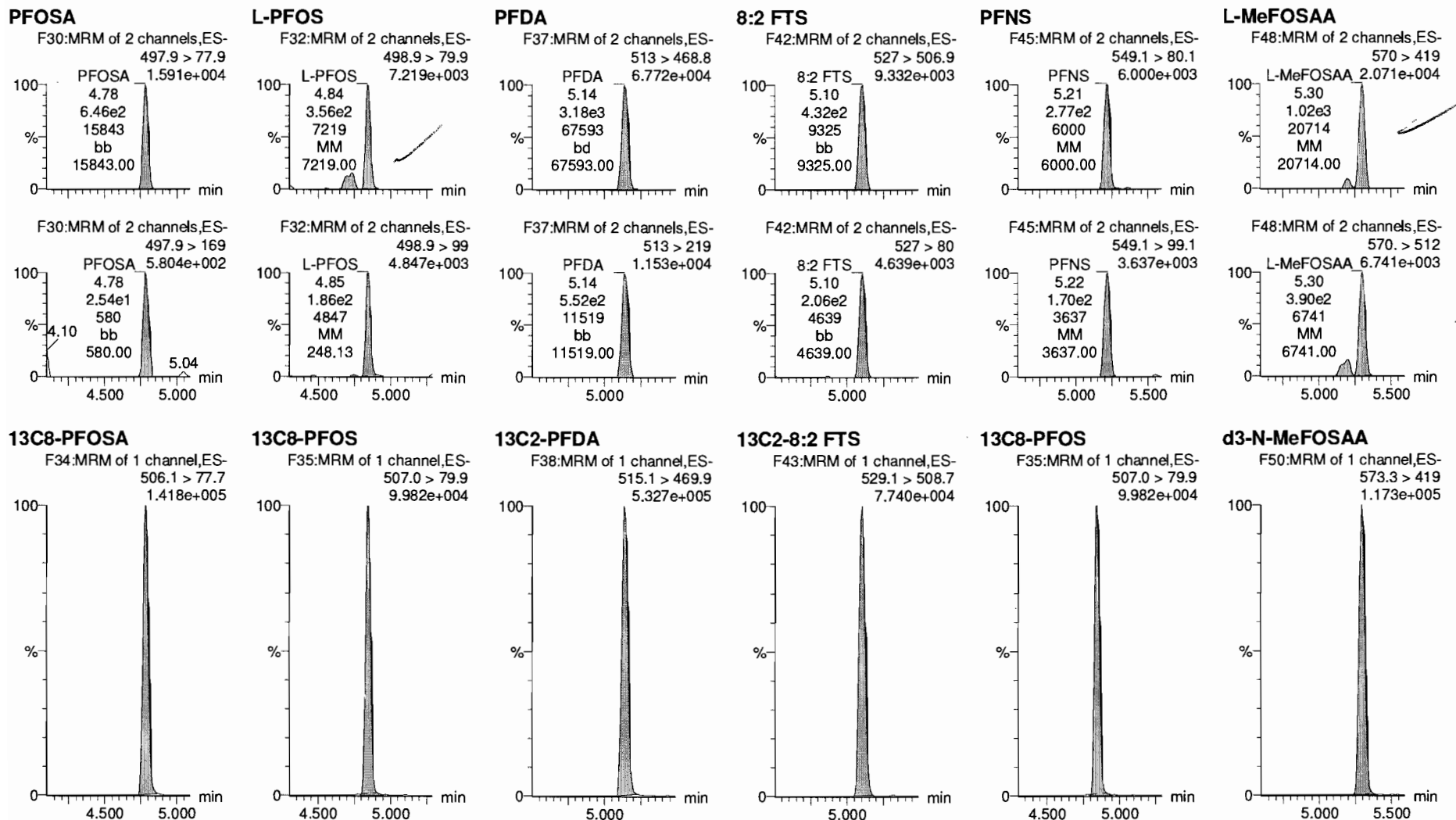
Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time
Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704



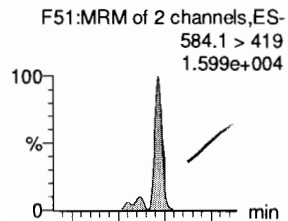
Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time

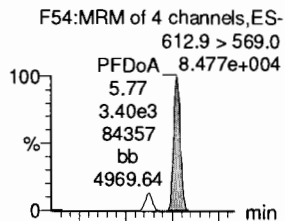
Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704

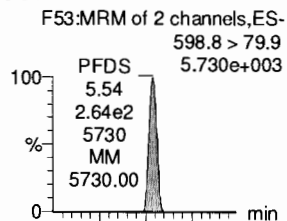
L-EtFOSAA



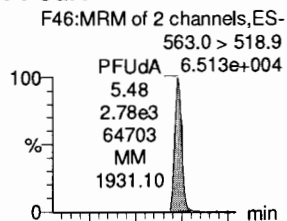
PFDaA



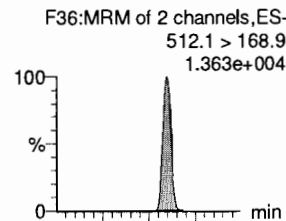
PFDS



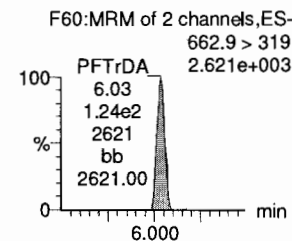
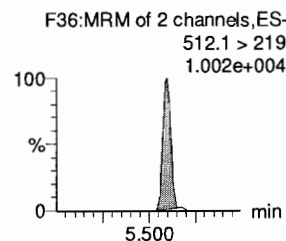
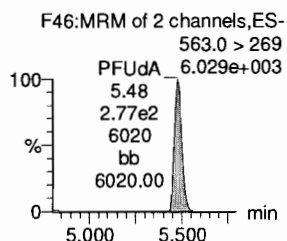
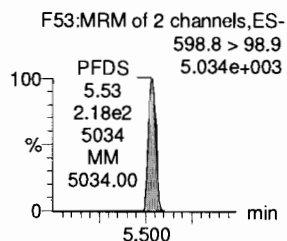
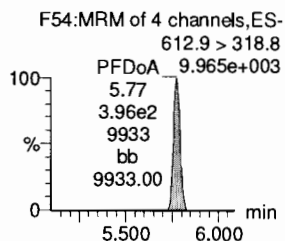
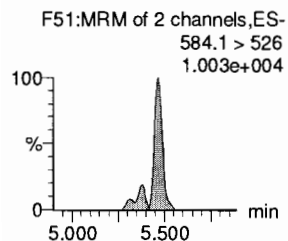
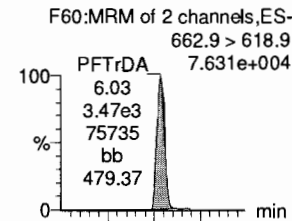
PFUdA



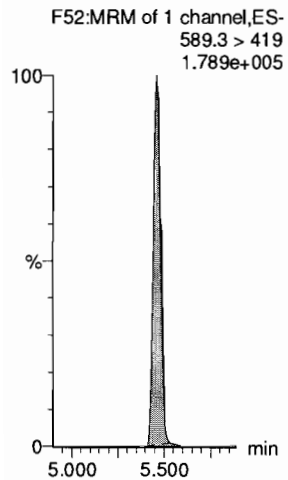
N-MeFOSA



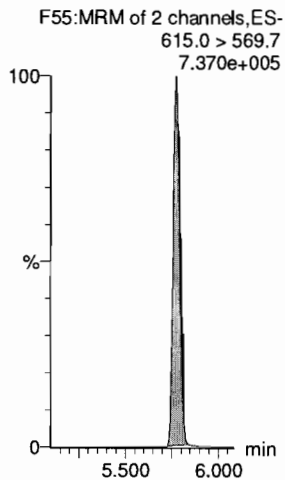
PFTrDA



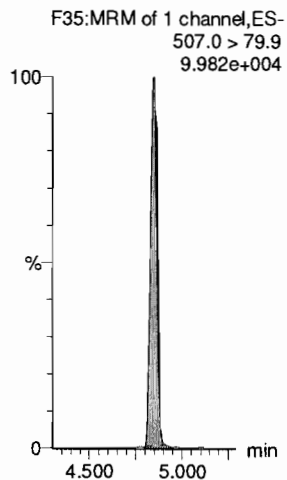
d5-N-EtFOSAA



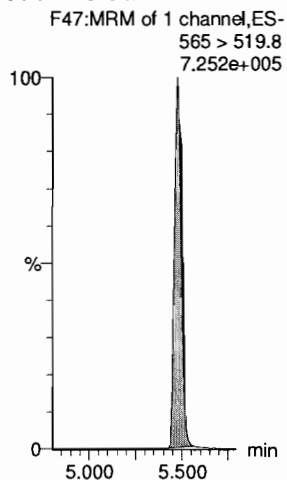
13C2-PFDaA



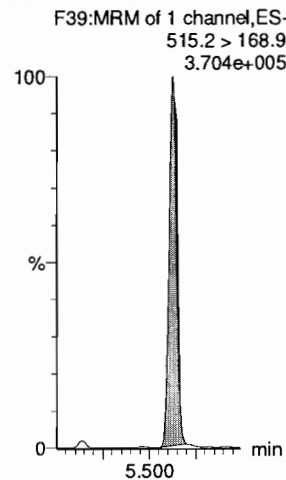
13C8-PFOS



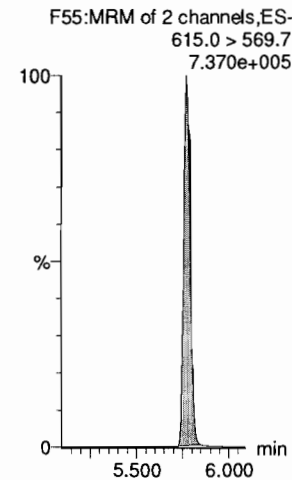
13C2-PFUdA



d3-N-MeFOSA



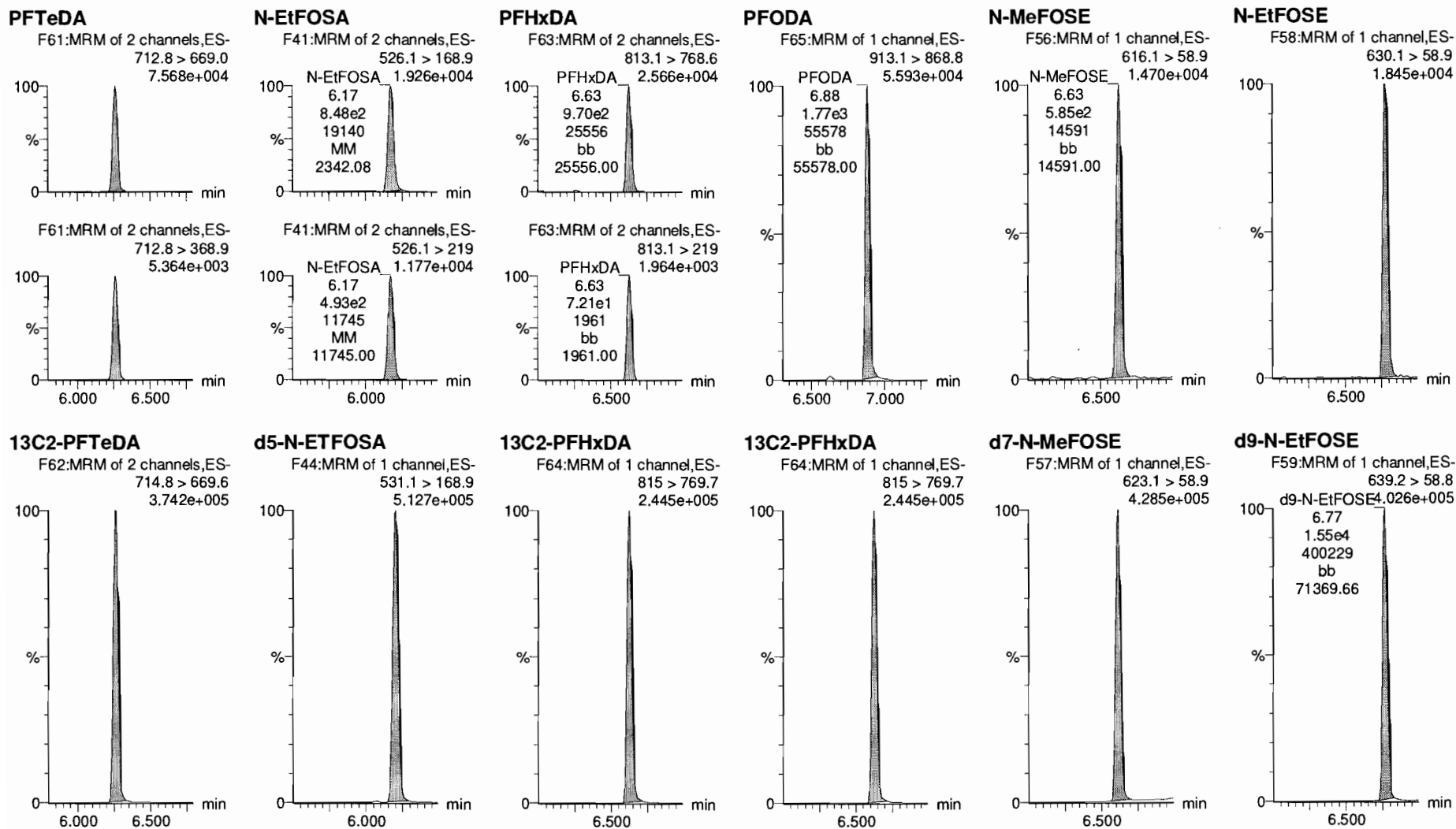
13C2-PFDaA



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time
Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704

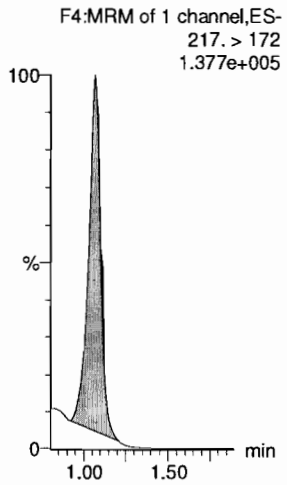


Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-1.qld

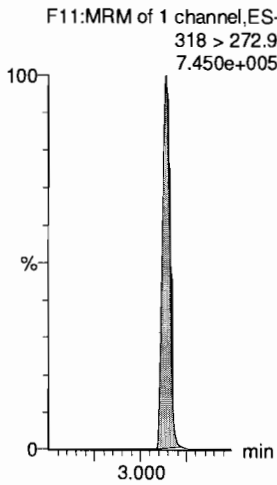
Last Altered: Monday, October 22, 2018 16:22:19 Pacific Daylight Time
Printed: Monday, October 22, 2018 16:22:40 Pacific Daylight Time

Name: 181020M3_1, Date: 20-Oct-2018, Time: 12:05:30, ID: ST181020M3-1 PFC CS0 18J1704, Description: PFC CS0 18J1704

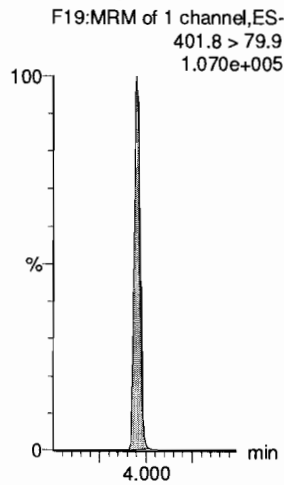
13C4-PFBA



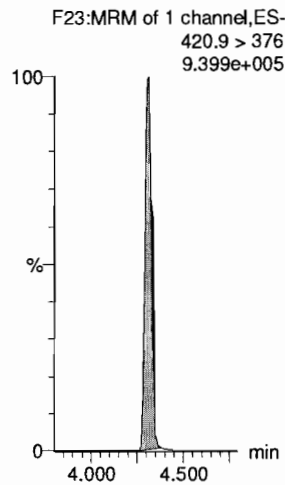
13C5-PFHxA



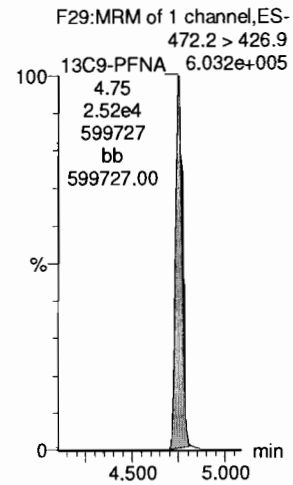
13C3-PFHxS



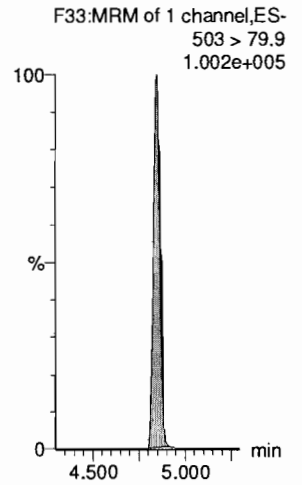
13C8-PFOA



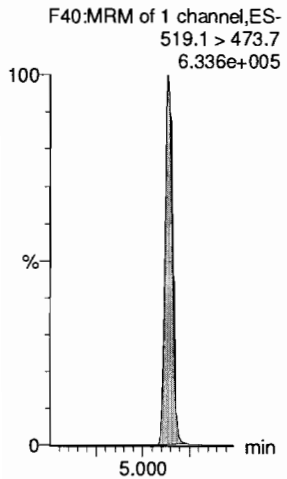
13C9-PFNA



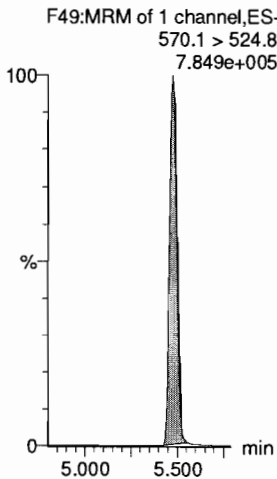
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-18.qld

Last Altered: Monday, October 22, 2018 16:27:23 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:27:51 Pacific Daylight Time

*MT
10/22/18*

Name: 181020M3_18, Date: 20-Oct-2018, Time: 15:08:03, ID: ST181020M3-2 PFC CS3 18J1707, Description: PFC CS3 18J1707

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	8423.795	7976.011	1.00	0.99	13.202	10.0	99.9	NO		
2	2 PFPeA	263.1 > 218.9	13709.327	16795.359	1.00	2.11	10.203	9.7	96.8	NO		
3	3 PFBS	299.0 > 79.7	3124.918	1975.241	1.00	2.50	19.776	9.5	95.4	NO	2.790	NO
4	4 4:2 FTS	327.2>307.2	4483.396	4334.393	1.00	3.02	12.930	10.8	108.1	NO	1.701	NO
5	5 PFHxA	313 > 269	25814.064	11915.190	1.00	3.10	10.832	9.7	96.8	NO	16.265	NO
6	6 PFPeS	349.1>80.1	2820.292	1975.241	1.00	3.35	17.848	9.9	99.1	NO	1.526	NO
7	36 13C3-PFBA	216.1 > 171.8	7976.011	10552.051	1.00	1.00	9.448	12.4	99.2	NO		
8	37 13C3-PFPeA	266. > 221.8	16795.359	32358.459	1.00	2.11	6.488	12.1	96.7	NO		
9	38 13C3-PFBS	302. > 98.8	1975.241	3553.415	1.00	2.50	6.948	12.9	103.6	NO		
10	39 13C2-4:2 FTS	329.2>308.9	4334.393	3553.415	1.00	3.01	15.247	12.9	103.3	NO		
11	40 13C2-PFHxA	315 > 270	11915.190	32358.459	1.00	3.10	4.603	5.1	101.9	NO		
12	38 13C3-PFBS	302. > 98.8	1975.241	3553.415	1.00	2.50	6.948	12.9	103.6	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	5436.509	4600.700	1.00	4.27	14.771	9.7	96.7	NO	3.013	NO
15	7 PFHpA	363.0 > 318.9	15878.666	14884.075	1.00	3.81	13.335	9.7	97.1	NO	11.956	NO
16	8 L-PFHxS	398.9 > 79.6	2686.698	1698.693	1.00	3.97	19.770	9.7	96.6	NO	1.742	NO
17	11 L-PFOA	412.8 > 368.9	32643.988	27068.412	1.00	4.32	15.075	9.9	98.5	NO	3.699	NO
18	13 PFHpS	449 > 80.0	2872.189	3883.654	1.00	4.44	9.244	10.1	100.5	NO	1.662	NO
19	14 PFNA	463.0 > 418.8	27537.693	23472.871	1.00	4.77	14.665	10.3	103.0	NO	4.461	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	4600.700	3797.464	1.00	4.27	15.144	12.5	100.0	NO		
21	41 13C4-PFHpA	367.2 > 321.8	14884.075	32358.459	1.00	3.81	5.750	12.4	99.2	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1698.693	3553.415	1.00	3.97	5.976	13.1	104.6	NO		
23	44 13C2-PFOA	414.9 > 369.7	27068.412	37964.730	1.00	4.32	8.912	12.5	100.0	NO		
24	47 13C8-PFOS	507.0 > 79.9	3883.654	3797.464	1.00	4.86	12.784	12.5	100.2	NO		
25	45 13C5-PFNA	468.2 > 422.9	23472.871	25210.092	1.00	4.77	11.639	12.4	99.3	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	5489.155	5500.862	1.00	4.80	12.473	9.6	96.1	NO	27.670	NO
28	16 L-PFOS	498.9 > 79.9	3773.690	3883.654	1.00	4.86	12.146	10.6	106.1	NO	1.979	NO
29	18 PFDA	513 > 468.8	29174.695	23908.637	1.00	5.15	15.253	9.9	98.6	NO	5.454	NO
30	19 8:2 FTS	527 > 506.9	4161.958	3465.747	1.00	5.11	15.011	9.5	94.7	NO	2.274	NO
31	20 PFNS	549.1 > 80.1	2772.952	3883.654	1.00	5.22	8.925	11.0	110.0	NO	1.575	NO
32	21 L-MeFOSAA	570 > 419	9925.731	5367.512	1.00	5.31	23.115	9.9	98.6	NO	2.698	NO
33	46 13C8-PFOA	506.1 > 77.7	5500.862	33861.047	1.00	4.80	2.031	11.7	93.7	NO		
34	47 13C8-PFOS	507.0 > 79.9	3883.654	3797.464	1.00	4.86	12.784	12.5	100.2	NO		

*AMP
10/22/18*

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-18.qld

Last Altered: Monday, October 22, 2018 16:27:23 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:27:51 Pacific Daylight Time

Name: 181020M3_18, Date: 20-Oct-2018, Time: 15:08:03, ID: ST181020M3-2 PFC CS3 18J1707, Description: PFC CS3 18J1707

	# Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	23908.637	29815.117	1.00	5.15	10.024	12.2	98.0	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3465.747	3797.464	1.00	5.11	11.408	12.3	98.0	NO		
37	47 13C8-PFOS	507.0 > 79.9	3883.654	3797.464	1.00	4.86	12.784	12.5	100.2	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	5367.512	33861.047	1.00	5.31	1.981	12.4	99.1	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	8322.147	7667.256	1.00	5.47	13.568	9.3	92.6	NO	1.443	NO
41	27 PFDoA	612.9 > 569.0	31339.209	29274.477	1.00	5.78	13.382	9.9	98.7	NO	8.158	NO
42	26 PFDS	598.8 > 79.9	3447.731	3883.654	1.00	5.54	11.097	10.4	104.0	NO	1.656	NO
43	25 PFUdA	563.0 > 518.9	25981.383	30945.719	1.00	5.49	10.495	9.9	99.5	NO	8.857	NO
44	28 N-MeFOSA	512.1 > 168.9	6831.403	15989.480	1.00	5.62	64.087	53.5	107.0	NO	1.618	NO
45	29 PFTTrDA	662.9 > 618.9	31506.979	29274.477	1.00	6.04	13.453	9.4	94.1	NO	23.080	NO
46	52 d5-N-EtFOSAA	589.3 > 419	7667.256	33861.047	1.00	5.47	2.830	13.6	108.7	NO		
47	53 13C2-PFDoA	615.0 > 569.7	29274.477	29815.117	1.00	5.78	12.273	12.7	101.2	NO		
48	47 13C8-PFOS	507.0 > 79.9	3883.654	3797.464	1.00	4.86	12.784	12.5	100.2	NO		
49	51 13C2-PFUdA	565 > 519.8	30945.719	33861.047	1.00	5.49	11.424	12.2	97.6	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	15989.480	33861.047	1.00	5.65	5.903	133.1	88.7	NO		
51	53 13C2-PFDoA	615.0 > 569.7	29274.477	29815.117	1.00	5.78	12.273	12.7	101.2	NO		
52	-1											
53	30 PFTeDA	712.8 > 669.0	28286.262	16840.711	1.00	6.27	20.995	9.4	94.4	NO	13.950	NO
54	31 N-EtFOSA	526.1 > 168.9	7758.178	23608.564	1.00	6.18	49.293	49.7	99.5	NO	1.585	NO
55	32 PFHxDA	813.1 > 768.6	11368.538	10427.799	1.00	6.63	5.451	10.4	103.8	NO	19.353	NO
56	33 PFODA	913.1 > 868.8	18244.336	10427.799	1.00	6.89	8.748	9.6	96.1	NO		
57	34 N-MeFOSE	616.1 > 58.9	6313.259	16989.813	1.00	6.63	55.739	49.3	98.6	NO		
58	35 N-EtFOSE	630.1 > 58.9	7028.040	16273.725	1.00	6.78	64.780	48.7	97.4	NO		
59	55 13C2-PFTeDA	714.8 > 669.6	16840.711	33861.047	1.00	6.27	6.217	12.2	97.9	NO		
60	56 d5-N-ETFOSE	531.1 > 168.9	23608.564	33861.047	1.00	6.21	8.715	145.0	96.6	NO		
61	57 13C2-PFHxDA	815 > 769.7	10427.799	33861.047	1.00	6.63	3.849	4.9	99.0	NO		
62	57 13C2-PFHxDA	815 > 769.7	10427.799	33861.047	1.00	6.63	3.849	4.9	99.0	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	16989.813	33861.047	1.00	6.62	6.272	141.0	94.0	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	16273.725	33861.047	1.00	6.77	6.008	142.9	95.3	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	10552.051	10552.051	1.00	1.00	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	32358.459	32358.459	1.00	3.10	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3553.415	3553.415	1.00	3.97	12.500	12.5	100.0	NO		

Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-18.qld

Last Altered: Monday, October 22, 2018 16:27:23 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:27:51 Pacific Daylight Time

Name: 181020M3_18, Date: 20-Oct-2018, Time: 15:08:03, ID: ST181020M3-2 PFC CS3 18J1707, Description: PFC CS3 18J1707

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	37964.730	37964.730	1.00	4.32	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	25210.092	25210.092	1.00	4.76	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3797.464	3797.464	1.00	4.86	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	29815.117	29815.117	1.00	5.15	12.500	12.5	100.0	NO		
73	67 13C7-PFUdA	570.1 > 524.8	33861.047	33861.047	1.00	5.49	12.500	12.5	100.0	NO		

Dataset: Untitled

Last Altered: Monday, October 22, 2018 16:43:29 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:43:41 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102018.mdb 20 Oct 2018 15:49:54

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181020M3_1	ST181020M3-1 PFC CS0 18J1704	20-Oct-18	12:05:30
2	2 181020M3_2	1803323-05 101218-GRW-EW4 0.11553	20-Oct-18	12:16:26
3	3 181020M3_3	1803323-06 101218-GRW-EW5 0.11205	20-Oct-18	12:26:59
4	4 181020M3_4	1803323-07 101218-GRW-ITI Sump 0.1157	20-Oct-18	12:37:37
5	5 181020M3_5	1803323-08 101218-GRW-ITI Sump-2 0.11247	20-Oct-18	12:48:11
6	6 181020M3_6	1803323-09 101218-GRW-ITI Effluent Discharge 0.116	20-Oct-18	13:00:51
7	7 181020M3_7	1803323-10 101218-QCW-442057-F 0.12049	20-Oct-18	13:11:29
8	8 181020M3_8	B8J0115-BS1 OPR 0.25	20-Oct-18	13:22:02
9	9 181020M3_9	B8J0115-BSD1 LCSD 0.25	20-Oct-18	13:32:41
10	10 181020M3_10	1803286-01 OC-RW03B-1018 0.12015	20-Oct-18	13:43:13
11	11 181020M3_11	1803286-02 OC-RW03BP-1018 0.11921	20-Oct-18	13:53:52
12	12 181020M3_12	1803286-03 OC-FB03B-1018 0.11858	20-Oct-18	14:04:25
13	13 181020M3_13	B8J0013-BS1 OPR 0.25	20-Oct-18	14:15:03
14	14 181020M3_14	B8J0013-BLK1 Method Blank 0.25	20-Oct-18	14:25:35
15	15 181020M3_15	1803186-01 GW 1809241510SK 0.25949	20-Oct-18	14:36:14
16	16 181020M3_16	1803186-02 GW 1809241620SK 0.2608	20-Oct-18	14:46:46
17	17 181020M3_17	IPA	20-Oct-18	14:57:25
18	18 181020M3_18	ST181020M3-2 PFC CS3 18J1707	20-Oct-18	15:08:03
19	19 181020M3_19	1803186-03 GW 1809241645GC 0.25058	20-Oct-18	15:18:36
20	20 181020M3_20	1803186-04 GW 1809241745GC 0.25281	20-Oct-18	15:29:07
21	21 181020M3_21	1803186-05 GW 1809250910SK 0.24786	20-Oct-18	15:39:45
22	22 181020M3_22	1803186-06 GW 1809250935GC 0.25043	20-Oct-18	15:50:17
23	23 181020M3_23	1803186-07 GW 1809251000SK 0.26527	20-Oct-18	16:04:17
24	24 181020M3_24	1803186-08 GW 1809251025GC 0.24767	20-Oct-18	16:14:49
25	25 181020M3_25	1803186-09 GW 1809251100SK 0.25907	20-Oct-18	16:25:28
26	26 181020M3_26	1803186-10 GW 1809251125GC 0.24861	20-Oct-18	16:36:01
27	27 181020M3_27	1803186-11 GW 1809251220GC 0.24834	20-Oct-18	16:46:38
28	28 181020M3_28	1803186-12 GW 1809251245SK 0.26123	20-Oct-18	16:57:11
29	29 181020M3_29	IPA	20-Oct-18	17:07:50
30	30 181020M3_30	ST181020M3-3 PFC CS3 18J1707	20-Oct-18	17:18:23
31	31 181020M3_31	1803186-13 GW 1809251335SK 0.24894	20-Oct-18	17:29:01
32	32 181020M3_32	1803186-14 GW 1809251345GC 0.23861	20-Oct-18	17:39:33

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Last Altered: Monday, October 22, 2018 16:43:29 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:43:41 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 181020M3_33	1803186-15 GW1809251520SK 0.26312	20-Oct-18	17:50:12
34	34 181020M3_34	1803186-16 GW1809251615SK 0.26127	20-Oct-18	18:00:45
35	35 181020M3_35	1803186-17 GW1809251725SK 0.24947	20-Oct-18	18:11:23
36	36 181020M3_36	1803186-18 GW1809260850SK 0.26768	20-Oct-18	18:22:01
37	37 181020M3_37	1803186-19 GW1809260945GC 0.25773	20-Oct-18	18:32:34
38	38 181020M3_38	1803186-20 GW1809261000SK 0.26126 overpressurized remaining samples did not inject		
39	39 181020M3_39	B8J0125-BS1 OPR 0.25		
40	40 181020M3_40	B8J0125-BLK1 Method Blank 0.25		
41	41 181020M3_41	1803245-01 GPI-18-10-03-WW01V (I) 0.11723		
42	42 181020M3_42	1803307-01 GW1810081235SK 0.25207		
43	43 181020M3_43	IPA		
44	44 181020M3_44	ST181020M3-4 PFC CS3 18J1707		
45	45 181020M3_45	1803307-02 GW1810081320SK 0.2451		
46	46 181020M3_46	1803307-03 GW1810081410SK 0.24815		
47	47 181020M3_47	1803307-04 GW1810081605SK 0.24518		
48	48 181020M3_48	1803307-05 GW1810090910SK 0.25042		
49	49 181020M3_49	1803307-06 GW1810091025SK 0.24703		
50	50 181020M3_50	1803307-07 GW1810091140SK 0.25221		
51	51 181020M3_51	1803307-08 GW1810091235SK 0.25776		
52	52 181020M3_52	1803307-09 GW1810091340SK 0.25953		
53	53 181020M3_53	1803307-10 GW1810091505SK 0.25541		
54	54 181020M3_54	1803332-01 WMP1810150940JSJ 0.26672		
55	55 181020M3_55	IPA		
56	56 181020M3_56	ST181020M3-5 PFC CS3 18J1707		
57	57 181020M3_57	1803332-02 WMP1810150950JSJ 0.27776		
58	58 181020M3_58	1803332-03 WMP1810151000JSJ 0.27956		
59	59 181020M3_59	B8J0038-BS1 OPR 0.125		
60	60 181020M3_60	B8J0038-MS1 Matrix Spike 0.11515		
61	61 181020M3_61	B8J0038-MSD1 Matrix Spike Dup 0.12015		
62	62 181020M3_62	B8J0038-BLK1 Method Blank 0.125		
63	63 181020M3_63	1803200-01 GW-0P-2 0.11553		
64	64 181020M3_64	1803200-02 GW-BP-4 0.11886		
65	65 181020M3_65	1803200-03 GW-0P-5 0.12752		
66	66 181020M3_66	1803200-04 GW-MW-5S 0.1191		
67	67 181020M3_67	1803200-05 GW-MW-11 0.11189		
68	68 181020M3_68	1803200-06 GW-AE-2B 0.11626		

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 Printed: Monday, October 22, 2018 16:43:41 Pacific Daylight Time

Compound name: PFBA

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70	70 181020M3_70	1803200-08 GW-FPC-5B 0.11706		
71	71 181020M3_71	IPA		
72	72 181020M3_72	ST181020M3-6 PFC CS3 18J1707		
73	73 181020M3_73	1803200-09 GW-MW-9 0.11714		
74	74 181020M3_74	1803200-10 GW-MW-10 0.11716		
75	75 181020M3_75	1803200-11 GW-MW-5D 0.1202		
76	76 181020M3_76	1803200-12 GW-MW-8 0.12058		
77	77 181020M3_77	1803200-13 GW-MW-6 0.12775		
78	78 181020M3_78	1803200-14 GW-EB-WATER LEVEL 0.12336		
79	79 181020M3_79	1803200-15 DW-R-9BFL 0.12446		
80	80 181020M3_80	1803200-16 DW-R-10SMW 0.12674		
81	81 181020M3_81	1803200-18 DW-R-3-DUP 0.12491		
82	82 181020M3_82	1803200-19 DW-R-10ROD 0.11943		
83	83 181020M3_83	IPA		
84	84 181020M3_84	ST181020M3-7 PFC CS3 18J1707		
85	85 181020M3_85	1803200-20 DW-R-21SMW 0.12014		
86	86 181020M3_86	1803200-21 DW-R-21SMW-DUP 0.12251		
87	87 181020M3_87	B8J0099-BS1 OPR 0.125		
88	88 181020M3_88	B8J0099-MS1 Matrix Spike 0.11939		
89	89 181020M3_89	B8J0099-MSD1 Matrix Spike Dup 0.11481		
90	90 181020M3_90	B8J0099-BLK1 Method Blank 0.125		
91	91 181020M3_91	1803200-70 SW-SW-5 0.12015		
92	92 181020M3_92	1803200-71 GW-FPC-6B 0.11567		
93	93 181020M3_93	1803200-72 DW-R-67RCD 0.12184		
94	94 181020M3_94	1803200-73 GW-FPC-11B 0.11535		
95	95 181020M3_95	1803200-74 GW-AE-1A 0.11824		
96	96 181020M3_96	1803200-75 GW-FPC-4B 0.12098		
97	97 181020M3_97	1803200-76 SW-SW-BB1 0.11867		
98	98 181020M3_98	1803200-77 DW-R-8WKD 0.12133		
99	99 181020M3_116	IPA		
100	1... 181020M3_117	ST181020M3-8 PFC CS3 18J1707		
101	1... 181020M3_99	1803200-78 GW-AE-4A 0.1198		
102	1... 181020M3_100	1803200-79 GW-FPC-11A 0.11653		
103	1... 181020M3_101	1803200-80 SW-SW-BB2 0.11628		
104	1... 181020M3_102	1803200-81 GW-FPC-6A 0.11754		

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Last Altered: Monday, October 22, 2018 16:43:29 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:43:41 Pacific Daylight Time

Compound name: PFBA

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106	1... 181020M3_104	1803200-83 GW-FPC-3B	0.11846	
107	1... 181020M3_105	1803200-84 GW-FPC-3C	0.11979	
108	1... 181020M3_106	1803200-85 SW-SW-5-DUP	0.11439	
109	1... 181020M3_107	B8J0122-BS1 OPR	1	
110	1... 181020M3_108	B8J0122-BLK1 Method Blank	1	
111	1... 181020M3_109	1803200-53 S-SED-BB1	1.17	
112	1... 181020M3_110	1803200-54 S-SED-5	2.87	
113	1... 181020M3_116	IPA		
114	1... 181020M3_117	ST181020M3-9 PFC CS3	18J1707	
115	1... 181020M3_111	1803200-55 S-SED-5-DUP	2.81	
116	1... 181020M3_112	1803200-56 S-SED-4	3.25	
117	1... 181020M3_113	1803200-57 S-SED-LR	2.06	
118	1... 181020M3_114	1803200-58 S-SED-111	1.34	
119	1... 181020M3_115	1803200-59 S-SED-110	1.68	
120	1... 181020M3_116	IPA		
121	1... 181020M3_117	ST181020M3-8 PFC CS3	18J1707	
122	1... 181020M3_118	Centrifuge Tube	QC	

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Last Altered: Monday, October 22, 2018 16:27:23 Pacific Daylight Time

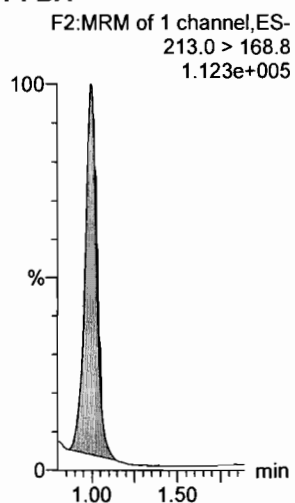
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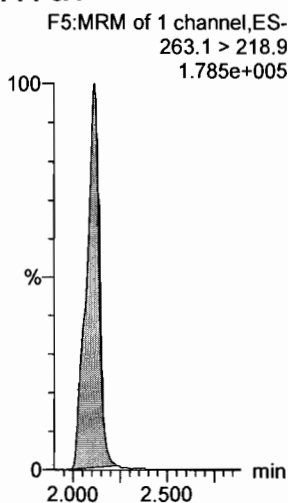
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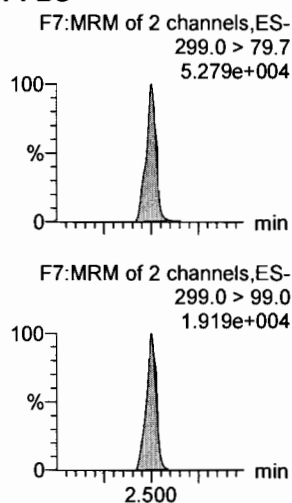
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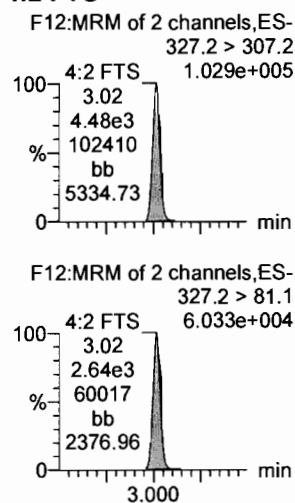
PFPeA



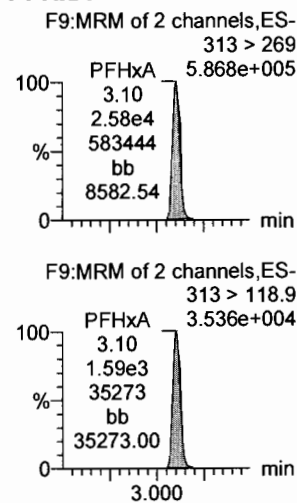
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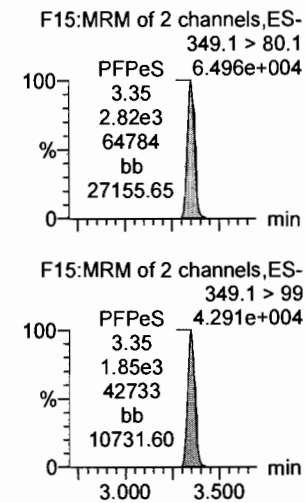
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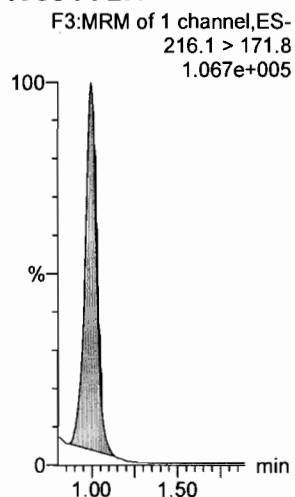
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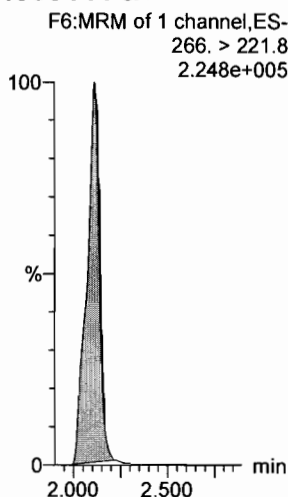
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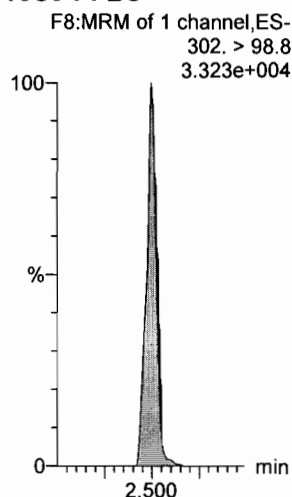
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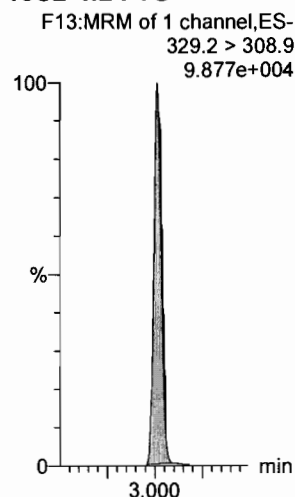
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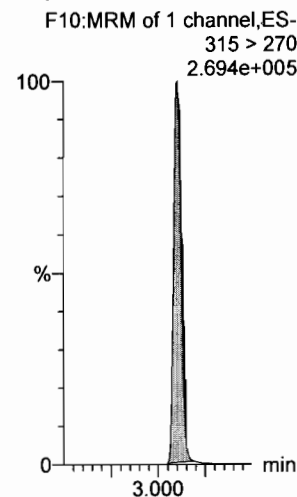
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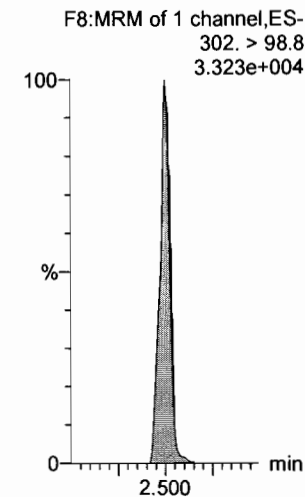
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



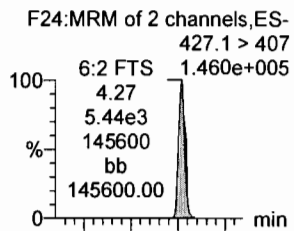
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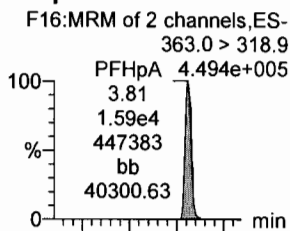
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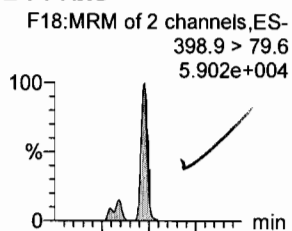
6:2 FTS



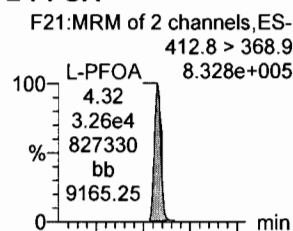
PFHpA



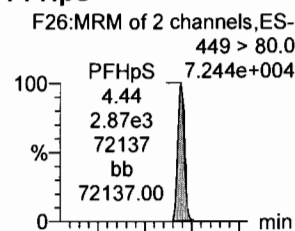
L-PFHxS



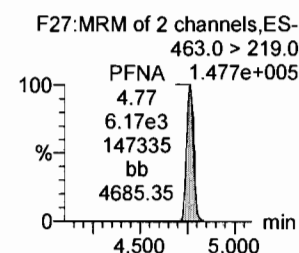
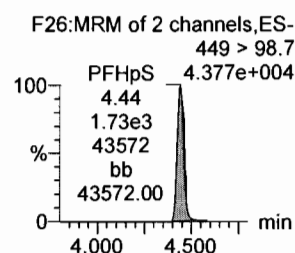
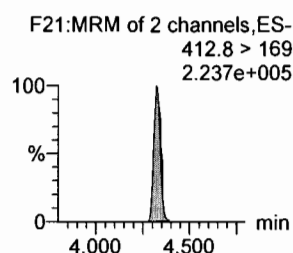
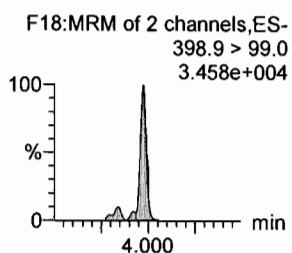
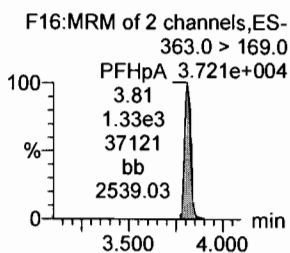
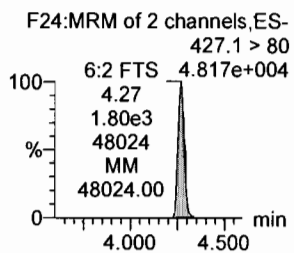
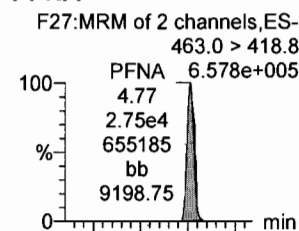
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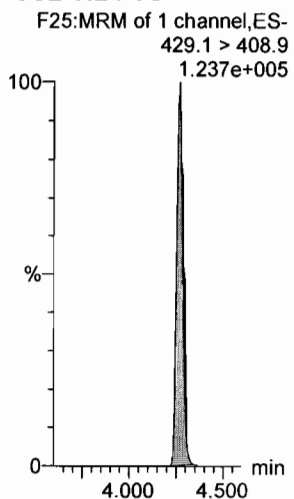
PFHpS



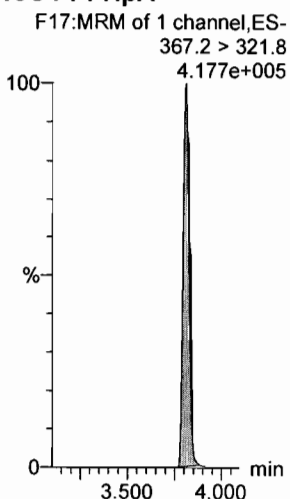
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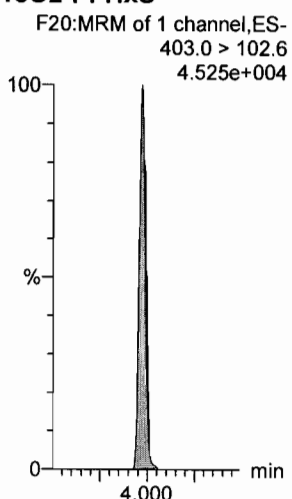
13C2-6:2 FTS



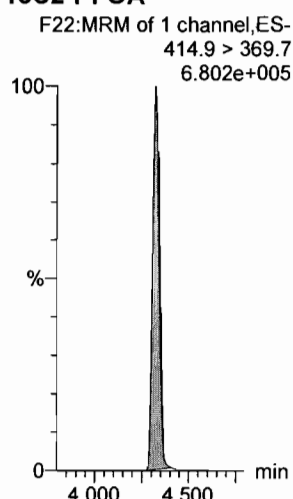
13C4-PFHpA



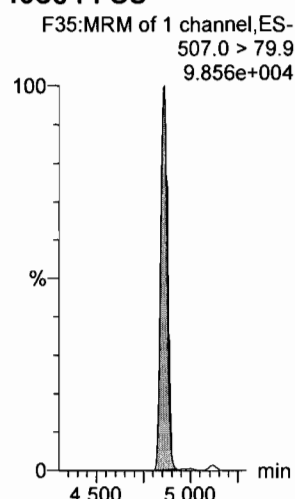
18O2-PFHxS



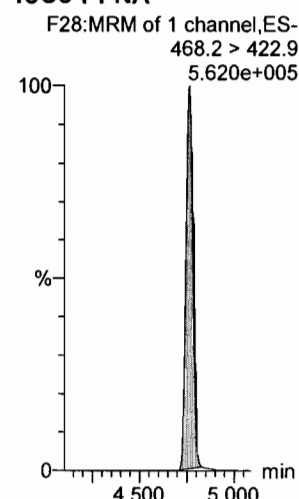
13C2-PFOA



13C8-PFOS



13C5-PFNA



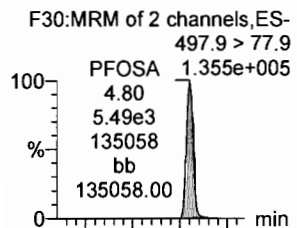
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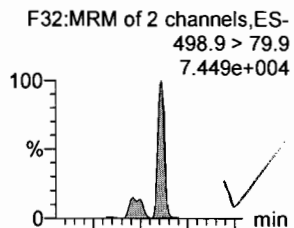
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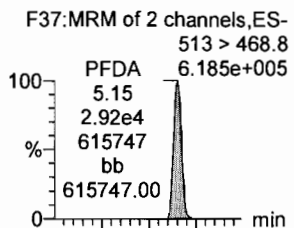
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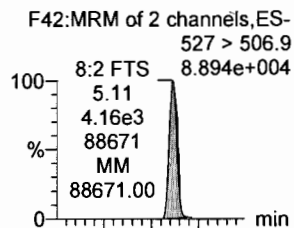
L-PFOS



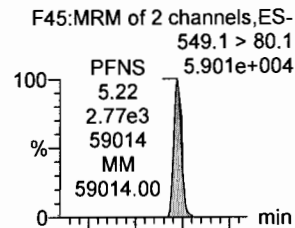
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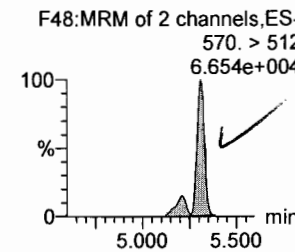
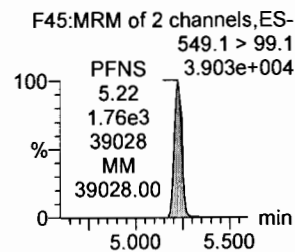
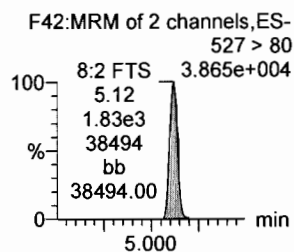
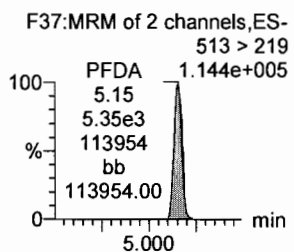
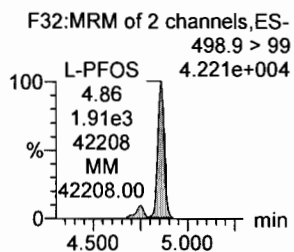
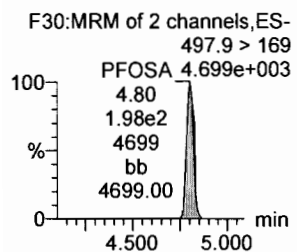
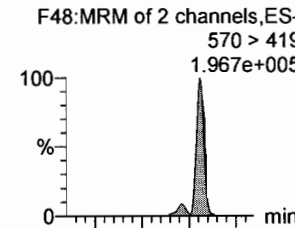
8:2 FTS



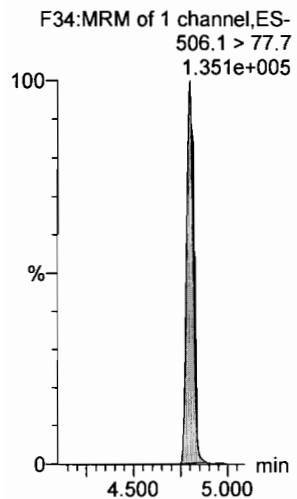
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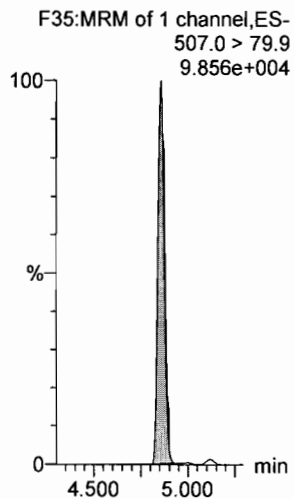
L-MeFOSAA



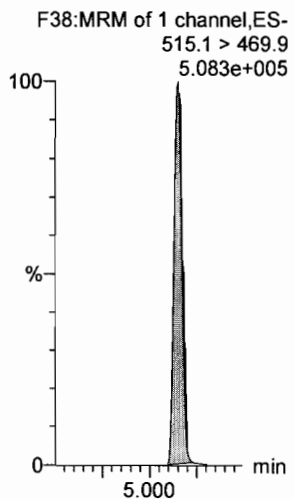
13C8-PFOSA



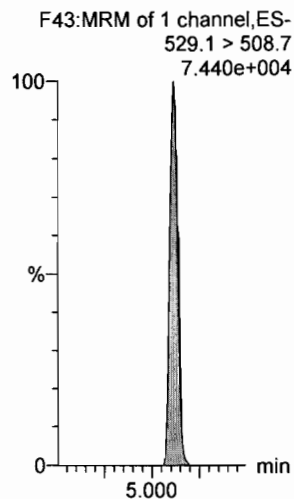
13C8-PFOS



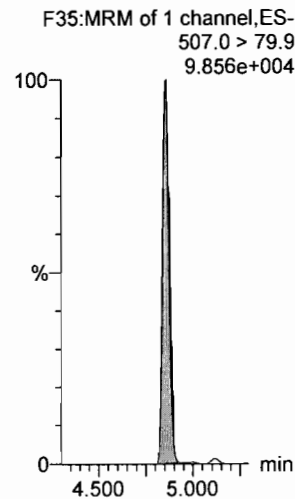
13C2-PFDA



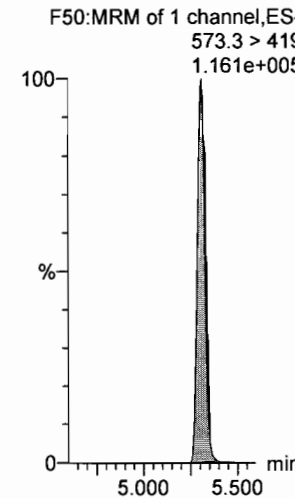
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

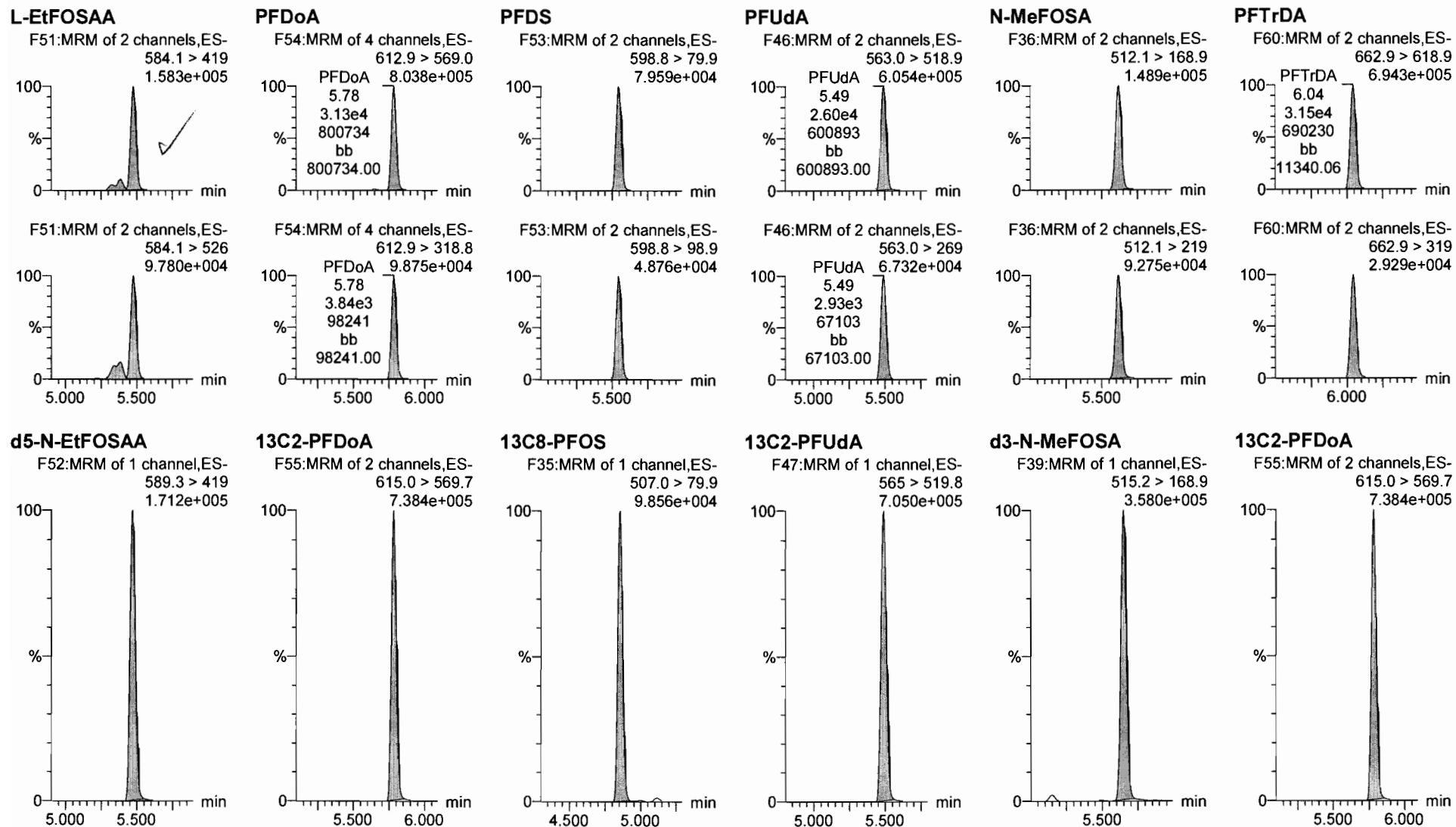


Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-18.qld

Last Altered: Monday, October 22, 2018 16:27:23 Pacific Daylight Time

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Name: 181020M3_18, Date: 20-Oct-2018, Time: 15:08:03, ID: ST181020M3-2 PFC CS3 18J1707, Description: PFC CS3 18J1707



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-18.qld

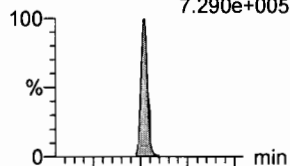
Last Altered: Monday, October 22, 2018 16:27:23 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:27:51 Pacific Daylight Time

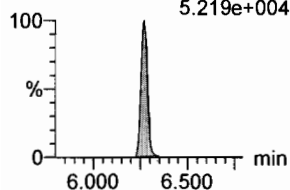
Name: 181020M3_18, Date: 20-Oct-2018, Time: 15:08:03, ID: ST181020M3-2 PFC CS3 18J1707, Description: PFC CS3 18J1707

PFTeDA

F61:MRM of 2 channels,ES-
712.8 > 669.0
7.290e+005

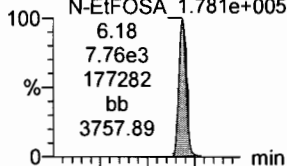


F61:MRM of 2 channels,ES-
712.8 > 368.9
5.219e+004

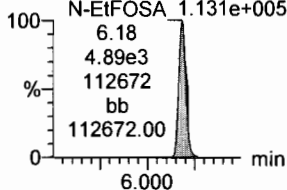


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
1.781e+005

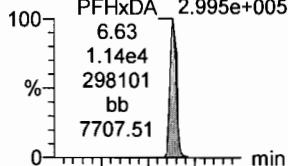


F41:MRM of 2 channels,ES-
526.1 > 219
1.131e+005

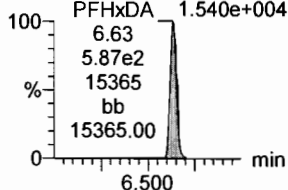


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
2.995e+005

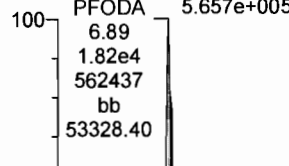


F63:MRM of 2 channels,ES-
813.1 > 219
1.540e+004



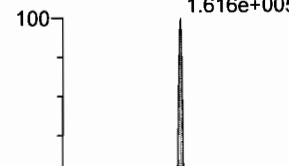
PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
5.657e+005



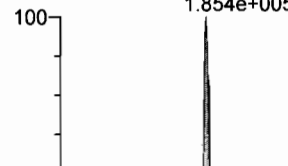
N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
1.616e+005



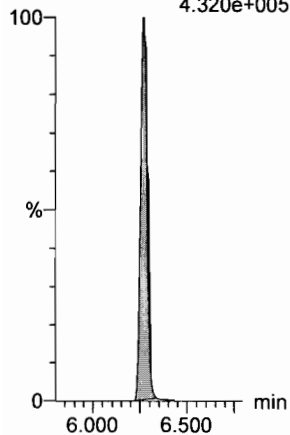
N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
1.854e+005



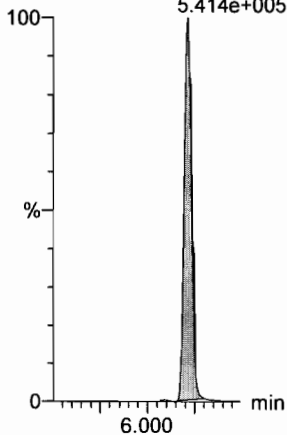
13C2-PFTeDA

F62:MRM of 2 channels,ES-
714.8 > 669.6
4.320e+005



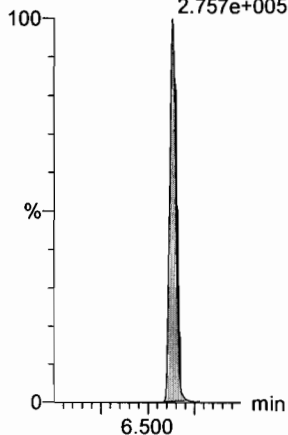
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
5.414e+005



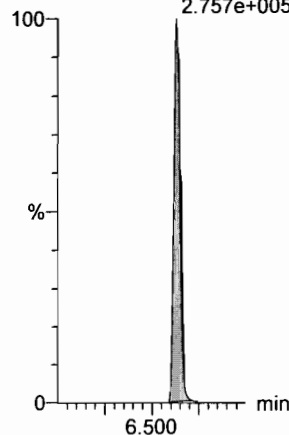
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
2.757e+005



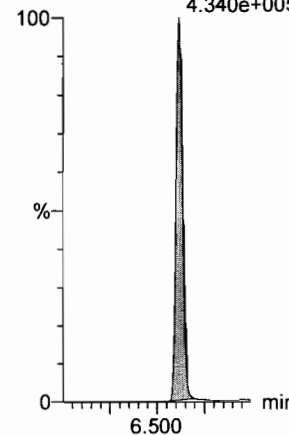
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
2.757e+005



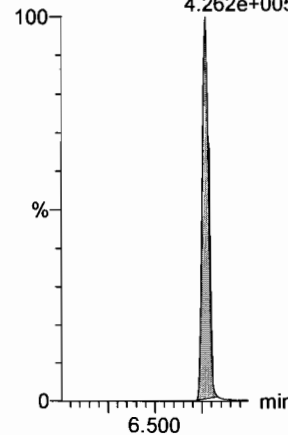
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
4.340e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
4.262e+005



Dataset: Z:\Projects\PFAS.PRO\Results\181020M3\181020M3-18.qld

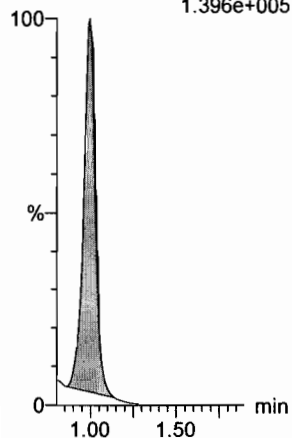
Last Altered: Monday, October 22, 2018 16:27:23 Pacific Daylight Time

Printed: Monday, October 22, 2018 16:27:51 Pacific Daylight Time

Name: 181020M3_18, Date: 20-Oct-2018, Time: 15:08:03, ID: ST181020M3-2 PFC CS3 18J1707, Description: PFC CS3 18J1707

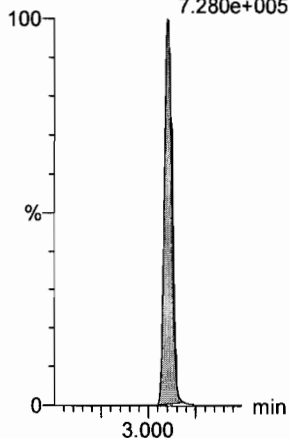
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.396e+005



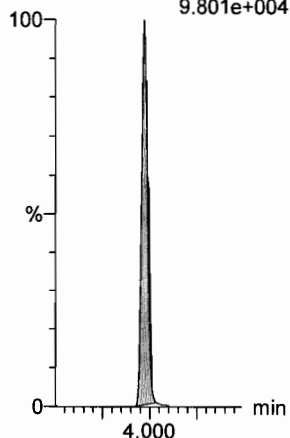
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.280e+005



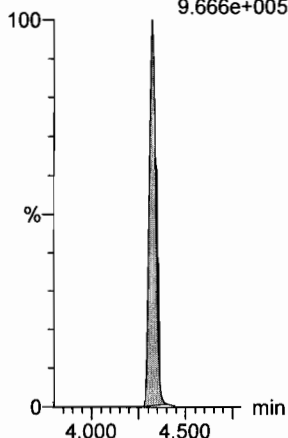
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.801e+004



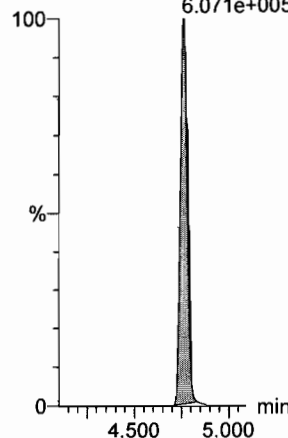
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.666e+005



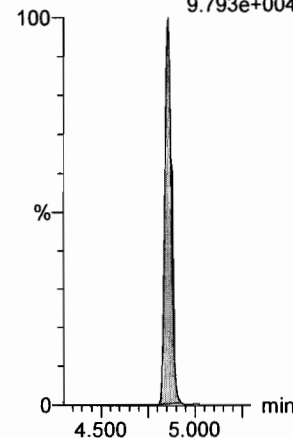
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.071e+005



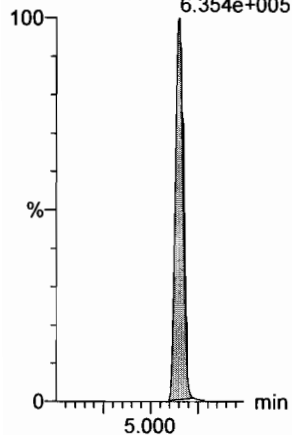
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.793e+004



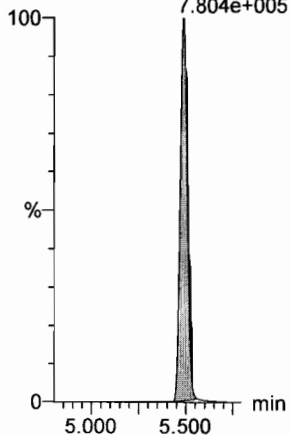
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.354e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.804e+005



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-10-23-18.mdb 24 Oct 2018 10:12:29

Calibration: 27 Oct 2018 12:55:48

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-6 PFC CS3 18J1820	8.50e3	100.0	NO
2	2 13C5-PFHxA	ST181026M2-6 PFC CS3 18J1820	1.23e4	100.0	NO
3	3 13C3-PFHxS	ST181026M2-6 PFC CS3 18J1820	2.03e3	100.0	NO
4	4 13C8-PFOA	ST181026M2-6 PFC CS3 18J1820	1.47e4	100.0	NO
5	5 13C9-PFNA	ST181026M2-6 PFC CS3 18J1820	8.31e3	100.0	NO
6	6 13C4-PFOS	ST181026M2-6 PFC CS3 18J1820	2.23e3	100.0	NO
7	7 13C6-PFDA	ST181026M2-6 PFC CS3 18J1820	8.81e3	100.0	NO
8	8 13C7-PFUDa	ST181026M2-6 PFC CS3 18J1820	1.19e4	100.0	NO

Name: 181026M2_8, Date: 26-Oct-2018, Time: 17:01:00, ID: ST181026M2-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-7 PFC CS4 18J1821	8.40e3	98.8	NO
2	2 13C5-PFHxA	ST181026M2-7 PFC CS4 18J1821	1.19e4	96.8	NO
3	3 13C3-PFHxS	ST181026M2-7 PFC CS4 18J1821	2.12e3	104.4	NO
4	4 13C8-PFOA	ST181026M2-7 PFC CS4 18J1821	1.45e4	98.9	NO
5	5 13C9-PFNA	ST181026M2-7 PFC CS4 18J1821	8.59e3	103.4	NO
6	6 13C4-PFOS	ST181026M2-7 PFC CS4 18J1821	2.04e3	91.7	NO
7	7 13C6-PFDA	ST181026M2-7 PFC CS4 18J1821	8.76e3	99.5	NO
8	8 13C7-PFUDa	ST181026M2-7 PFC CS4 18J1821	1.19e4	100.1	NO

Name: 181026M2_9, Date: 26-Oct-2018, Time: 17:11:39, ID: ST181026M2-8 PFC CS5 18J1822, Description: PFC CS5 18J1822

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-8 PFC CS5 18J1822	8.50e3	100.0	NO
2	2 13C5-PFHxA	ST181026M2-8 PFC CS5 18J1822	1.13e4	91.7	NO
3	3 13C3-PFHxS	ST181026M2-8 PFC CS5 18J1822	1.99e3	98.0	NO
4	4 13C8-PFOA	ST181026M2-8 PFC CS5 18J1822	1.43e4	97.3	NO
5	5 13C9-PFNA	ST181026M2-8 PFC CS5 18J1822	8.33e3	100.3	NO
6	6 13C4-PFOS	ST181026M2-8 PFC CS5 18J1822	1.94e3	87.1	NO
7	7 13C6-PFDA	ST181026M2-8 PFC CS5 18J1822	8.36e3	94.9	NO
8	8 13C7-PFUDa	ST181026M2-8 PFC CS5 18J1822	1.12e4	94.6	NO

Name: 181026M2_10, Date: 26-Oct-2018, Time: 17:22:17, ID: ST181026M2-9 PFC CS6 18J1823, Description: PFC CS6 18J1823

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-9 PFC CS6 18J1823	8.27e3	97.3	NO
2	2 13C5-PFHxA	ST181026M2-9 PFC CS6 18J1823	1.09e4	88.7	NO
3	3 13C3-PFHxS	ST181026M2-9 PFC CS6 18J1823	1.88e3	92.3	NO
4	4 13C8-PFOA	ST181026M2-9 PFC CS6 18J1823	1.22e4	82.9	NO
5	5 13C9-PFNA	ST181026M2-9 PFC CS6 18J1823	8.14e3	98.0	NO
6	6 13C4-PFOS	ST181026M2-9 PFC CS6 18J1823	1.85e3	82.9	NO
7	7 13C6-PFDA	ST181026M2-9 PFC CS6 18J1823	6.97e3	79.1	NO
8	8 13C7-PFUDa	ST181026M2-9 PFC CS6 18J1823	1.07e4	90.0	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_11, Date: 26-Oct-2018, Time: 17:32:50, ID: ST181026M2-10 PFC CS7 18J1824, Description: PFC CS7 18J1824

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-10 PFC CS7 18J1824	7.70e3	90.6	NO
2	2 13C5-PFHxA	ST181026M2-10 PFC CS7 18J1824	9.91e3	80.3	NO
3	3 13C3-PFHxS	ST181026M2-10 PFC CS7 18J1824	1.62e3	79.5	NO
4	4 13C8-PFOA	ST181026M2-10 PFC CS7 18J1824	1.17e4	79.5	NO
5	5 13C9-PFNA	ST181026M2-10 PFC CS7 18J1824	7.53e3	90.6	NO
6	6 13C4-PFOS	ST181026M2-10 PFC CS7 18J1824	1.73e3	77.9	NO
7	7 13C6-PFDA	ST181026M2-10 PFC CS7 18J1824	7.41e3	84.1	NO
8	8 13C7-PFUDa	ST181026M2-10 PFC CS7 18J1824	9.92e3	83.6	NO

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 181026M2_13, Date: 26-Oct-2018, Time: 17:54:09, ID: ICV181026M2-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV181026M2-1 PFC ICV 18J1825	8.54e3	100.4	NO
2	2 13C5-PFHxA	ICV181026M2-1 PFC ICV 18J1825	1.24e4	100.3	NO
3	3 13C3-PFHxS	ICV181026M2-1 PFC ICV 18J1825	2.12e3	104.0	NO
4	4 13C8-PFOA	ICV181026M2-1 PFC ICV 18J1825	1.47e4	100.3	NO
5	5 13C9-PFNA	ICV181026M2-1 PFC ICV 18J1825	9.36e3	112.7	NO
6	6 13C4-PFOS	ICV181026M2-1 PFC ICV 18J1825	2.15e3	96.3	NO
7	7 13C6-PFDA	ICV181026M2-1 PFC ICV 18J1825	8.90e3	101.0	NO
8	8 13C7-PFUDa	ICV181026M2-1 PFC ICV 18J1825	1.26e4	106.3	NO

Name: 181026M2_14, Date: 26-Oct-2018, Time: 18:04:42, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA	6.34e3	74.6	NO
2	2 13C5-PFHxA	IPA	9.98e3	80.9	NO
3	3 13C3-PFHxS	IPA	2.78e3	136.4	NO
4	4 13C8-PFOA	IPA	1.29e4	87.9	NO
5	5 13C9-PFNA	IPA	7.28e3	87.6	NO
6	6 13C4-PFOS	IPA	2.66e3	119.3	NO
7	7 13C6-PFDA	IPA	7.65e3	86.9	NO
8	8 13C7-PFUDa	IPA	1.09e4	91.9	NO

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Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_15, Date: 26-Oct-2018, Time: 18:15:20, ID: 1803360-17 REEPIN688 0.12155, Description: REEPIN688

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803360-17 REEPIN688 0.12155	4.19e3	49.2	YES
2	2 13C5-PFHxA	1803360-17 REEPIN688 0.12155	6.03e3	48.9	YES
3	3 13C3-PFHxS	1803360-17 REEPIN688 0.12155	1.98e3	97.5	NO
4	4 13C8-PFOA	1803360-17 REEPIN688 0.12155	8.65e3	58.9	NO
5	5 13C9-PFNA	1803360-17 REEPIN688 0.12155	5.75e3	69.3	NO
6	6 13C4-PFOS	1803360-17 REEPIN688 0.12155	2.18e3	97.8	NO
7	7 13C6-PFDA	1803360-17 REEPIN688 0.12155	5.78e3	65.6	NO
8	8 13C7-PFUDa	1803360-17 REEPIN688 0.12155	9.23e3	77.8	NO

Name: 181026M2_16, Date: 26-Oct-2018, Time: 18:25:54, ID: B8J0115-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0115-BLK1 Method Blank 0.25	8.06e3	94.9	NO
2	2 13C5-PFHxA	B8J0115-BLK1 Method Blank 0.25	1.18e4	95.5	NO
3	3 13C3-PFHxS	B8J0115-BLK1 Method Blank 0.25	2.58e3	126.9	NO
4	4 13C8-PFOA	B8J0115-BLK1 Method Blank 0.25	1.37e4	93.2	NO
5	5 13C9-PFNA	B8J0115-BLK1 Method Blank 0.25	8.19e3	98.6	NO
6	6 13C4-PFOS	B8J0115-BLK1 Method Blank 0.25	2.51e3	112.8	NO
7	7 13C6-PFDA	B8J0115-BLK1 Method Blank 0.25	8.43e3	95.7	NO
8	8 13C7-PFUDa	B8J0115-BLK1 Method Blank 0.25	1.23e4	103.5	NO

Name: 181026M2_17, Date: 26-Oct-2018, Time: 18:36:32, ID: 1803286-04 OC-RW03-1018 0.11784, Description: OC-RW03-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-04 OC-RW03-1018 0.11784	1.01e4	119.0	YES
2	2 13C5-PFHxA	1803286-04 OC-RW03-1018 0.11784	1.13e4	91.7	NO
3	3 13C3-PFHxS	1803286-04 OC-RW03-1018 0.11784	3.32e3	163.4	YES
4	4 13C8-PFOA	1803286-04 OC-RW03-1018 0.11784	1.28e4	87.1	NO
5	5 13C9-PFNA	1803286-04 OC-RW03-1018 0.11784	7.88e3	94.9	NO
6	6 13C4-PFOS	1803286-04 OC-RW03-1018 0.11784	3.18e3	142.5	NO
7	7 13C6-PFDA	1803286-04 OC-RW03-1018 0.11784	8.84e3	100.4	NO
8	8 13C7-PFUDa	1803286-04 OC-RW03-1018 0.11784	1.36e4	114.9	NO

Name: 181026M2_18, Date: 26-Oct-2018, Time: 18:47:05, ID: 1803286-05 OC-FB03-1018 0.11738, Description: OC-FB03-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-05 OC-FB03-1018 0.11738	8.16e3	96.0	NO
2	2 13C5-PFHxA	1803286-05 OC-FB03-1018 0.11738	8.52e3	69.0	NO
3	3 13C3-PFHxS	1803286-05 OC-FB03-1018 0.11738	2.69e3	132.2	NO
4	4 13C8-PFOA	1803286-05 OC-FB03-1018 0.11738	9.50e3	64.7	NO
5	5 13C9-PFNA	1803286-05 OC-FB03-1018 0.11738	5.50e3	66.2	NO
6	6 13C4-PFOS	1803286-05 OC-FB03-1018 0.11738	2.75e3	123.4	NO
7	7 13C6-PFDA	1803286-05 OC-FB03-1018 0.11738	6.42e3	72.9	NO
8	8 13C7-PFUDa	1803286-05 OC-FB03-1018 0.11738	1.05e4	88.8	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_19, Date: 26-Oct-2018, Time: 18:57:43, ID: B8J0056-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0056-BS1 OPR 0.125	7.92e3	93.1	NO
2	2 13C5-PFHxA	B8J0056-BS1 OPR 0.125	1.17e4	95.2	NO
3	3 13C3-PFHxS	B8J0056-BS1 OPR 0.125	2.44e3	120.0	NO
4	4 13C8-PFOA	B8J0056-BS1 OPR 0.125	1.51e4	102.6	NO
5	5 13C9-PFNA	B8J0056-BS1 OPR 0.125	9.64e3	116.0	NO
6	6 13C4-PFOS	B8J0056-BS1 OPR 0.125	2.40e3	107.7	NO
7	7 13C6-PFDA	B8J0056-BS1 OPR 0.125	1.02e4	115.8	NO
8	8 13C7-PFUDa	B8J0056-BS1 OPR 0.125	1.37e4	115.5	NO

Name: 181026M2_20, Date: 26-Oct-2018, Time: 19:08:21, ID: B8J0056-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0056-BLK1 Method Blank 0.125	7.18e3	84.5	NO
2	2 13C5-PFHxA	B8J0056-BLK1 Method Blank 0.125	1.08e4	87.9	NO
3	3 13C3-PFHxS	B8J0056-BLK1 Method Blank 0.125	2.53e3	124.2	NO
4	4 13C8-PFOA	B8J0056-BLK1 Method Blank 0.125	1.44e4	98.2	NO
5	5 13C9-PFNA	B8J0056-BLK1 Method Blank 0.125	8.95e3	107.8	NO
6	6 13C4-PFOS	B8J0056-BLK1 Method Blank 0.125	2.50e3	112.1	NO
7	7 13C6-PFDA	B8J0056-BLK1 Method Blank 0.125	9.65e3	109.6	NO
8	8 13C7-PFUDa	B8J0056-BLK1 Method Blank 0.125	1.37e4	115.4	NO

Name: 181026M2_21, Date: 26-Oct-2018, Time: 19:18:54, ID: 1803211-01 204 Bond Rd 0.11986, Description: 204 Bond Rd

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-01 204 Bond Rd 0.11986	7.66e3	90.1	NO
2	2 13C5-PFHxA	1803211-01 204 Bond Rd 0.11986	1.26e4	102.2	NO
3	3 13C3-PFHxS	1803211-01 204 Bond Rd 0.11986	2.96e3	145.5	NO
4	4 13C8-PFOA	1803211-01 204 Bond Rd 0.11986	1.63e4	110.9	NO
5	5 13C9-PFNA	1803211-01 204 Bond Rd 0.11986	1.02e4	122.8	NO
6	6 13C4-PFOS	1803211-01 204 Bond Rd 0.11986	2.89e3	129.9	NO
7	7 13C6-PFDA	1803211-01 204 Bond Rd 0.11986	1.07e4	121.0	NO
8	8 13C7-PFUDa	1803211-01 204 Bond Rd 0.11986	1.59e4	134.0	NO

Name: 181026M2_22, Date: 26-Oct-2018, Time: 19:29:32, ID: 1803211-02 218 Bond Rd 0.12224, Description: 218 Bond Rd

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-02 218 Bond Rd 0.12224	6.16e3	72.5	NO
2	2 13C5-PFHxA	1803211-02 218 Bond Rd 0.12224	9.72e3	78.8	NO
3	3 13C3-PFHxS	1803211-02 218 Bond Rd 0.12224	2.61e3	128.2	NO
4	4 13C8-PFOA	1803211-02 218 Bond Rd 0.12224	1.27e4	86.5	NO
5	5 13C9-PFNA	1803211-02 218 Bond Rd 0.12224	8.39e3	101.0	NO
6	6 13C4-PFOS	1803211-02 218 Bond Rd 0.12224	2.65e3	119.1	NO
7	7 13C6-PFDA	1803211-02 218 Bond Rd 0.12224	8.99e3	102.1	NO
8	8 13C7-PFUDa	1803211-02 218 Bond Rd 0.12224	1.40e4	117.9	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_23, Date: 26-Oct-2018, Time: 19:40:06, ID: 1803211-03 Bond FRB 0.12394, Description: Bond FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-03 Bond FRB 0.12394	9.18e3	108.1	YES
2	2 13C5-PFHxA	1803211-03 Bond FRB 0.12394	1.30e4	105.6	NO
3	3 13C3-PFHxS	1803211-03 Bond FRB 0.12394	2.79e3	137.3	NO
4	4 13C8-PFOA	1803211-03 Bond FRB 0.12394	1.54e4	105.0	NO
5	5 13C9-PFNA	1803211-03 Bond FRB 0.12394	9.24e3	111.3	NO
6	6 13C4-PFOS	1803211-03 Bond FRB 0.12394	2.71e3	121.6	NO
7	7 13C6-PFDA	1803211-03 Bond FRB 0.12394	1.05e4	119.5	NO
8	8 13C7-PFUDa	1803211-03 Bond FRB 0.12394	1.38e4	115.9	NO

Name: 181026M2_24, Date: 26-Oct-2018, Time: 19:50:43, ID: 1803211-04 174 Bond Rd 0.11874, Description: 174 Bond Rd

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-04 174 Bond Rd 0.11874	7.95e3	93.5	NO
2	2 13C5-PFHxA	1803211-04 174 Bond Rd 0.11874	1.22e4	99.2	NO
3	3 13C3-PFHxS	1803211-04 174 Bond Rd 0.11874	2.47e3	121.5	NO
4	4 13C8-PFOA	1803211-04 174 Bond Rd 0.11874	1.47e4	100.4	NO
5	5 13C9-PFNA	1803211-04 174 Bond Rd 0.11874	9.40e3	113.2	NO
6	6 13C4-PFOS	1803211-04 174 Bond Rd 0.11874	2.55e3	114.3	NO
7	7 13C6-PFDA	1803211-04 174 Bond Rd 0.11874	9.25e3	105.0	NO
8	8 13C7-PFUDa	1803211-04 174 Bond Rd 0.11874	1.36e4	114.8	NO

Name: 181026M2_25, Date: 26-Oct-2018, Time: 20:01:17, ID: 1803211-05 179 Bond Rd 0.12261, Description: 179 Bond Rd

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-05 179 Bond Rd 0.12261	6.81e3	80.2	NO
2	2 13C5-PFHxA	1803211-05 179 Bond Rd 0.12261	1.13e4	92.0	NO
3	3 13C3-PFHxS	1803211-05 179 Bond Rd 0.12261	2.93e3	144.0	NO
4	4 13C8-PFOA	1803211-05 179 Bond Rd 0.12261	1.51e4	103.0	NO
5	5 13C9-PFNA	1803211-05 179 Bond Rd 0.12261	8.89e3	107.0	NO
6	6 13C4-PFOS	1803211-05 179 Bond Rd 0.12261	2.67e3	119.7	NO
7	7 13C6-PFDA	1803211-05 179 Bond Rd 0.12261	9.60e3	109.0	NO
8	8 13C7-PFUDa	1803211-05 179 Bond Rd 0.12261	1.41e4	118.6	NO

Name: 181026M2_26, Date: 26-Oct-2018, Time: 20:11:55, ID: 1803211-06 189 Bond Rd 0.11788, Description: 189 Bond Rd

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-06 189 Bond Rd 0.11788	8.25e3	97.0	NO
2	2 13C5-PFHxA	1803211-06 189 Bond Rd 0.11788	1.26e4	102.5	NO
3	3 13C3-PFHxS	1803211-06 189 Bond Rd 0.11788	2.75e3	135.4	NO
4	4 13C8-PFOA	1803211-06 189 Bond Rd 0.11788	1.51e4	103.1	NO
5	5 13C9-PFNA	1803211-06 189 Bond Rd 0.11788	8.93e3	107.5	NO
6	6 13C4-PFOS	1803211-06 189 Bond Rd 0.11788	2.72e3	122.2	NO
7	7 13C6-PFDA	1803211-06 189 Bond Rd 0.11788	9.82e3	111.4	NO
8	8 13C7-PFUDa	1803211-06 189 Bond Rd 0.11788	1.32e4	111.2	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_27, Date: 26-Oct-2018, Time: 20:22:27, ID: 1803211-07 230 Bond Rd 0.12386, Description: 230 Bond Rd

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-07 230 Bond Rd 0.12386	8.25e3	97.1	NO
2	2 13C5-PFHxA	1803211-07 230 Bond Rd 0.12386	1.30e4	105.4	NO
3	3 13C3-PFHxS	1803211-07 230 Bond Rd 0.12386	2.72e3	133.5	NO
4	4 13C8-PFOA	1803211-07 230 Bond Rd 0.12386	1.67e4	113.5	NO
5	5 13C9-PFNA	1803211-07 230 Bond Rd 0.12386	1.01e4	121.2	NO
6	6 13C4-PFOS	1803211-07 230 Bond Rd 0.12386	2.70e3	121.1	NO
7	7 13C6-PFDA	1803211-07 230 Bond Rd 0.12386	1.07e4	120.9	NO
8	8 13C7-PFUDa	1803211-07 230 Bond Rd 0.12386	1.43e4	120.1	NO

Name: 181026M2_28, Date: 26-Oct-2018, Time: 20:33:06, ID: 1803211-08 13 Phinney Rd 0.12127, Description: 13 Phinney Rd

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-08 13 Phinney Rd 0.12127	9.88e3	116.3	YES
2	2 13C5-PFHxA	1803211-08 13 Phinney Rd 0.12127	1.43e4	116.2	NO
3	3 13C3-PFHxS	1803211-08 13 Phinney Rd 0.12127	2.66e3	130.9	NO
4	4 13C8-PFOA	1803211-08 13 Phinney Rd 0.12127	1.69e4	115.2	NO
5	5 13C9-PFNA	1803211-08 13 Phinney Rd 0.12127	1.06e4	127.2	NO
6	6 13C4-PFOS	1803211-08 13 Phinney Rd 0.12127	2.79e3	125.1	NO
7	7 13C6-PFDA	1803211-08 13 Phinney Rd 0.12127	1.12e4	126.9	NO
8	8 13C7-PFUDa	1803211-08 13 Phinney Rd 0.12127	1.48e4	124.7	NO

Name: 181026M2_29, Date: 26-Oct-2018, Time: 20:43:47, ID: 1803211-09 245 Bond Rd 0.1216, Description: 245 Bond Rd

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-09 245 Bond Rd 0.1216	8.46e3	99.6	NO
2	2 13C5-PFHxA	1803211-09 245 Bond Rd 0.1216	1.30e4	105.5	NO
3	3 13C3-PFHxS	1803211-09 245 Bond Rd 0.1216	2.70e3	132.5	NO
4	4 13C8-PFOA	1803211-09 245 Bond Rd 0.1216	1.61e4	109.9	NO
5	5 13C9-PFNA	1803211-09 245 Bond Rd 0.1216	9.00e3	108.4	NO
6	6 13C4-PFOS	1803211-09 245 Bond Rd 0.1216	2.69e3	120.9	NO
7	7 13C6-PFDA	1803211-09 245 Bond Rd 0.1216	1.02e4	115.7	NO
8	8 13C7-PFUDa	1803211-09 245 Bond Rd 0.1216	1.48e4	124.6	NO

Name: 181026M2_30, Date: 26-Oct-2018, Time: 20:54:20, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_31, Date: 26-Oct-2018, Time: 21:04:58, ID: ST181026M2-11 PFC CS3 18J1820, Description: PFC CS3 18J1820

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-11 PFC CS3 18J1820	8.78e3	103.3	NO
2	2 13C5-PFHxA	ST181026M2-11 PFC CS3 18J1820	1.27e4	102.6	NO
3	3 13C3-PFHxS	ST181026M2-11 PFC CS3 18J1820	2.24e3	110.3	NO
4	4 13C8-PFOA	ST181026M2-11 PFC CS3 18J1820	1.56e4	106.1	NO
5	5 13C9-PFNA	ST181026M2-11 PFC CS3 18J1820	9.71e3	116.9	NO
6	6 13C4-PFOS	ST181026M2-11 PFC CS3 18J1820	2.17e3	97.5	NO
7	7 13C6-PFDA	ST181026M2-11 PFC CS3 18J1820	8.64e3	98.1	NO
8	8 13C7-PFUDa	ST181026M2-11 PFC CS3 18J1820	1.24e4	104.6	NO

Name: 181026M2_32, Date: 26-Oct-2018, Time: 21:15:31, ID: 1803211-10 Bond DUP 0.12187, Description: Bond DUP

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803211-10 Bond DUP 0.12187	6.37e3	75.0	NO
2	2 13C5-PFHxA	1803211-10 Bond DUP 0.12187	1.01e4	81.9	NO
3	3 13C3-PFHxS	1803211-10 Bond DUP 0.12187	2.75e3	135.1	NO
4	4 13C8-PFOA	1803211-10 Bond DUP 0.12187	1.25e4	84.9	NO
5	5 13C9-PFNA	1803211-10 Bond DUP 0.12187	8.01e3	96.4	NO
6	6 13C4-PFOS	1803211-10 Bond DUP 0.12187	2.57e3	115.2	NO
7	7 13C6-PFDA	1803211-10 Bond DUP 0.12187	8.69e3	98.6	NO
8	8 13C7-PFUDa	1803211-10 Bond DUP 0.12187	1.19e4	100.3	NO

Name: 181026M2_33, Date: 26-Oct-2018, Time: 21:26:10, ID: B8J0170-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0170-BS1 OPR 0.125	3.93e3	46.2	YES
2	2 13C5-PFHxA	B8J0170-BS1 OPR 0.125	4.70e3	38.1	YES
3	3 13C3-PFHxS	B8J0170-BS1 OPR 0.125	1.66e3	81.5	NO
4	4 13C8-PFOA	B8J0170-BS1 OPR 0.125	6.45e3	44.0	YES
5	5 13C9-PFNA	B8J0170-BS1 OPR 0.125	4.42e3	53.3	NO
6	6 13C4-PFOS	B8J0170-BS1 OPR 0.125	1.64e3	73.7	NO
7	7 13C6-PFDA	B8J0170-BS1 OPR 0.125	5.22e3	59.2	NO
8	8 13C7-PFUDa	B8J0170-BS1 OPR 0.125	7.64e3	64.4	NO

Name: 181026M2_34, Date: 26-Oct-2018, Time: 21:36:42, ID: B8J0170-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0170-BLK1 Method Blank 0.125	4.75e3	55.8	NO
2	2 13C5-PFHxA	B8J0170-BLK1 Method Blank 0.125	6.59e3	53.4	NO
3	3 13C3-PFHxS	B8J0170-BLK1 Method Blank 0.125	1.78e3	87.4	NO
4	4 13C8-PFOA	B8J0170-BLK1 Method Blank 0.125	7.37e3	50.2	NO
5	5 13C9-PFNA	B8J0170-BLK1 Method Blank 0.125	4.79e3	57.6	NO
6	6 13C4-PFOS	B8J0170-BLK1 Method Blank 0.125	1.79e3	80.4	NO
7	7 13C6-PFDA	B8J0170-BLK1 Method Blank 0.125	4.93e3	55.9	NO
8	8 13C7-PFUDa	B8J0170-BLK1 Method Blank 0.125	7.04e3	59.3	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_35, Date: 26-Oct-2018, Time: 21:47:21, ID: 1803370-01 WTV-Bentomat 0.12093, Description: WTV-Bentomat

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803370-01 WTV-Bentomat 0.12093	5.39e3	63.4	NO
2	2 13C5-PFHxA	1803370-01 WTV-Bentomat 0.12093	7.87e3	63.8	NO
3	3 13C3-PFHxS	1803370-01 WTV-Bentomat 0.12093	1.54e3	75.9	NO
4	4 13C8-PFOA	1803370-01 WTV-Bentomat 0.12093	8.86e3	60.4	NO
5	5 13C9-PFNA	1803370-01 WTV-Bentomat 0.12093	6.03e3	72.6	NO
6	6 13C4-PFOS	1803370-01 WTV-Bentomat 0.12093	1.62e3	72.8	NO
7	7 13C6-PFDA	1803370-01 WTV-Bentomat 0.12093	6.09e3	69.2	NO
8	8 13C7-PFUDa	1803370-01 WTV-Bentomat 0.12093	8.94e3	75.3	NO

Name: 181026M2_36, Date: 26-Oct-2018, Time: 21:57:59, ID: 1803197-05@10X WIN1810011355JLB 0.26485, Description: WIN1810011355JLB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803197-05@10X WIN1810011355JLB...	1.13e3	13.4	YES
2	2 13C5-PFHxA	1803197-05@10X WIN1810011355JLB...	1.53e3	12.4	YES
3	3 13C3-PFHxS	1803197-05@10X WIN1810011355JLB...	3.21e2	15.8	YES
4	4 13C8-PFOA	1803197-05@10X WIN1810011355JLB...	2.01e3	13.7	YES
5	5 13C9-PFNA	1803197-05@10X WIN1810011355JLB...	1.29e3	15.6	YES
6	6 13C4-PFOS	1803197-05@10X WIN1810011355JLB...	2.69e2	12.1	YES
7	7 13C6-PFDA	1803197-05@10X WIN1810011355JLB...	1.32e3	15.0	YES
8	8 13C7-PFUDa	1803197-05@10X WIN1810011355JLB...	1.81e3	15.3	YES

Name: 181026M2_37, Date: 26-Oct-2018, Time: 22:08:32, ID: 1803197-06@5X WIN1810011430JLB 0.26359, Description: WIN1810011430JLB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803197-06@5X WIN1810011430JLB ...	1.58e3	18.6	YES
2	2 13C5-PFHxA	1803197-06@5X WIN1810011430JLB ...	2.29e3	18.6	YES
3	3 13C3-PFHxS	1803197-06@5X WIN1810011430JLB ...	4.83e2	23.7	YES
4	4 13C8-PFOA	1803197-06@5X WIN1810011430JLB ...	2.70e3	18.4	YES
5	5 13C9-PFNA	1803197-06@5X WIN1810011430JLB ...	1.91e3	23.0	YES
6	6 13C4-PFOS	1803197-06@5X WIN1810011430JLB ...	4.54e2	20.4	YES
7	7 13C6-PFDA	1803197-06@5X WIN1810011430JLB ...	2.20e3	25.0	YES
8	8 13C7-PFUDa	1803197-06@5X WIN1810011430JLB ...	2.79e3	23.5	YES

Name: 181026M2_38, Date: 26-Oct-2018, Time: 22:19:11, ID: 1803203-01 DPH-EX4 0.12139, Description: DPH-EX4

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803203-01 DPH-EX4 0.12139	8.69e3	102.2	NO
2	2 13C5-PFHxA	1803203-01 DPH-EX4 0.12139	1.31e4	106.3	NO
3	3 13C3-PFHxS	1803203-01 DPH-EX4 0.12139	2.78e3	136.5	NO
4	4 13C8-PFOA	1803203-01 DPH-EX4 0.12139	1.66e4	113.3	NO
5	5 13C9-PFNA	1803203-01 DPH-EX4 0.12139	1.02e4	123.2	NO
6	6 13C4-PFOS	1803203-01 DPH-EX4 0.12139	2.71e3	121.6	NO
7	7 13C6-PFDA	1803203-01 DPH-EX4 0.12139	1.08e4	122.1	NO
8	8 13C7-PFUDa	1803203-01 DPH-EX4 0.12139	1.44e4	121.7	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_39, Date: 26-Oct-2018, Time: 22:29:49, ID: 1803203-02 DPH-IRELAND 0.12091, Description: DPH-IRELAND

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803203-02 DPH-IRELAND 0.12091	9.15e3	107.7	YES
2	2 13C5-PFHxA	1803203-02 DPH-IRELAND 0.12091	1.33e4	107.8	NO
3	3 13C3-PFHxS	1803203-02 DPH-IRELAND 0.12091	2.87e3	140.9	NO
4	4 13C8-PFOA	1803203-02 DPH-IRELAND 0.12091	1.68e4	114.5	NO
5	5 13C9-PFNA	1803203-02 DPH-IRELAND 0.12091	1.11e4	133.5	NO
6	6 13C4-PFOS	1803203-02 DPH-IRELAND 0.12091	2.72e3	122.1	NO
7	7 13C6-PFDA	1803203-02 DPH-IRELAND 0.12091	1.04e4	118.4	NO
8	8 13C7-PFUDa	1803203-02 DPH-IRELAND 0.12091	1.53e4	129.1	NO

Name: 181026M2_40, Date: 26-Oct-2018, Time: 22:40:22, ID: 1803203-03 DPH-#1 0.12727, Description: DPH-#1

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803203-03 DPH-#1 0.12727	7.88e3	92.7	NO
2	2 13C5-PFHxA	1803203-03 DPH-#1 0.12727	1.17e4	95.1	NO
3	3 13C3-PFHxS	1803203-03 DPH-#1 0.12727	2.76e3	135.6	NO
4	4 13C8-PFOA	1803203-03 DPH-#1 0.12727	1.43e4	97.3	NO
5	5 13C9-PFNA	1803203-03 DPH-#1 0.12727	8.73e3	105.1	NO
6	6 13C4-PFOS	1803203-03 DPH-#1 0.12727	2.61e3	117.1	NO
7	7 13C6-PFDA	1803203-03 DPH-#1 0.12727	8.86e3	100.6	NO
8	8 13C7-PFUDa	1803203-03 DPH-#1 0.12727	1.32e4	111.6	NO

Name: 181026M2_41, Date: 26-Oct-2018, Time: 22:51:01, ID: 1803210-01 Bemidji Pilot Apr2 lead 0.26748, Description: Bemidji Pilot Apr2 lead

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803210-01 Bemidji Pilot Apr2 lead 0.26...	9.49e3	111.6	YES
2	2 13C5-PFHxA	1803210-01 Bemidji Pilot Apr2 lead 0.26...	1.39e4	112.5	NO
3	3 13C3-PFHxS	1803210-01 Bemidji Pilot Apr2 lead 0.26...	2.74e3	134.6	NO
4	4 13C8-PFOA	1803210-01 Bemidji Pilot Apr2 lead 0.26...	1.79e4	122.0	NO
5	5 13C9-PFNA	1803210-01 Bemidji Pilot Apr2 lead 0.26...	1.10e4	132.0	NO
6	6 13C4-PFOS	1803210-01 Bemidji Pilot Apr2 lead 0.26...	2.67e3	119.8	NO
7	7 13C6-PFDA	1803210-01 Bemidji Pilot Apr2 lead 0.26...	1.13e4	128.0	NO
8	8 13C7-PFUDa	1803210-01 Bemidji Pilot Apr2 lead 0.26...	1.56e4	131.1	NO

Name: 181026M2_42, Date: 26-Oct-2018, Time: 23:01:39, ID: 1803210-02 Bemidji Pilot Psr2 lead 0.27123, Description: Bemidji Pilot Psr2 lead

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803210-02 Bemidji Pilot Psr2 lead 0.27...	9.25e3	108.8	YES
2	2 13C5-PFHxA	1803210-02 Bemidji Pilot Psr2 lead 0.27...	1.41e4	113.9	NO
3	3 13C3-PFHxS	1803210-02 Bemidji Pilot Psr2 lead 0.27...	2.54e3	124.9	NO
4	4 13C8-PFOA	1803210-02 Bemidji Pilot Psr2 lead 0.27...	1.67e4	113.4	NO
5	5 13C9-PFNA	1803210-02 Bemidji Pilot Psr2 lead 0.27...	1.03e4	123.7	NO
6	6 13C4-PFOS	1803210-02 Bemidji Pilot Psr2 lead 0.27...	2.62e3	117.8	NO
7	7 13C6-PFDA	1803210-02 Bemidji Pilot Psr2 lead 0.27...	1.03e4	117.2	NO
8	8 13C7-PFUDa	1803210-02 Bemidji Pilot Psr2 lead 0.27...	1.48e4	125.1	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_43, Date: 26-Oct-2018, Time: 23:12:11, ID: 1803210-03 Bemidji Pilot Apr2 lag 0.27173, Description: Bemidji Pilot Apr2 lag

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803210-03 Bemidji Pilot Apr2 lag 0.27173	1.04e4	122.3	YES
2	2 13C5-PFHxA	1803210-03 Bemidji Pilot Apr2 lag 0.27173	1.54e4	124.9	NO
3	3 13C3-PFHxS	1803210-03 Bemidji Pilot Apr2 lag 0.27173	3.17e3	155.7	YES
4	4 13C8-PFOA	1803210-03 Bemidji Pilot Apr2 lag 0.27173	1.92e4	130.9	NO
5	5 13C9-PFNA	1803210-03 Bemidji Pilot Apr2 lag 0.27173	1.18e4	142.4	NO
6	6 13C4-PFOS	1803210-03 Bemidji Pilot Apr2 lag 0.27173	2.90e3	130.2	NO
7	7 13C6-PFDA	1803210-03 Bemidji Pilot Apr2 lag 0.27173	1.16e4	131.8	NO
8	8 13C7-PFUdA	1803210-03 Bemidji Pilot Apr2 lag 0.27173	1.63e4	137.7	NO

Name: 181026M2_44, Date: 26-Oct-2018, Time: 23:22:50, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 181026M2_45, Date: 26-Oct-2018, Time: 23:33:28, ID: ST181026M2-12 PFC CS3 18J1820, Description: PFC CS3 18J1820

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-12 PFC CS3 18J1820	9.28e3	109.2	NO
2	2 13C5-PFHxA	ST181026M2-12 PFC CS3 18J1820	1.32e4	107.0	NO
3	3 13C3-PFHxS	ST181026M2-12 PFC CS3 18J1820	2.26e3	111.2	NO
4	4 13C8-PFOA	ST181026M2-12 PFC CS3 18J1820	1.58e4	107.9	NO
5	5 13C9-PFNA	ST181026M2-12 PFC CS3 18J1820	9.46e3	113.8	NO
6	6 13C4-PFOS	ST181026M2-12 PFC CS3 18J1820	2.26e3	101.5	NO
7	7 13C6-PFDA	ST181026M2-12 PFC CS3 18J1820	9.15e3	103.8	NO
8	8 13C7-PFUdA	ST181026M2-12 PFC CS3 18J1820	1.30e4	109.9	NO

Name: 181026M2_46, Date: 26-Oct-2018, Time: 23:44:02, ID: 1803210-04 Bemidji Pilot Psr2 lag 0.278, Description: Bemidji Pilot Psr2 lag

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803210-04 Bemidji Pilot Psr2 lag 0.278	9.05e3	106.4	YES
2	2 13C5-PFHxA	1803210-04 Bemidji Pilot Psr2 lag 0.278	1.28e4	104.2	NO
3	3 13C3-PFHxS	1803210-04 Bemidji Pilot Psr2 lag 0.278	2.55e3	125.2	NO
4	4 13C8-PFOA	1803210-04 Bemidji Pilot Psr2 lag 0.278	1.58e4	107.6	NO
5	5 13C9-PFNA	1803210-04 Bemidji Pilot Psr2 lag 0.278	9.85e3	118.5	NO
6	6 13C4-PFOS	1803210-04 Bemidji Pilot Psr2 lag 0.278	2.38e3	106.7	NO
7	7 13C6-PFDA	1803210-04 Bemidji Pilot Psr2 lag 0.278	1.05e4	119.5	NO
8	8 13C7-PFUdA	1803210-04 Bemidji Pilot Psr2 lag 0.278	1.44e4	121.2	NO

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Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_47, Date: 26-Oct-2018, Time: 23:54:40, ID: B8J0111-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0111-BS1 OPR 0.25	8.86e3	104.2	NO
2	2 13C5-PFHxA	B8J0111-BS1 OPR 0.25	1.34e4	108.9	NO
3	3 13C3-PFHxS	B8J0111-BS1 OPR 0.25	2.87e3	140.9	NO
4	4 13C8-PFOA	B8J0111-BS1 OPR 0.25	1.68e4	114.4	NO
5	5 13C9-PFNA	B8J0111-BS1 OPR 0.25	1.02e4	123.2	NO
6	6 13C4-PFOS	B8J0111-BS1 OPR 0.25	2.69e3	120.8	NO
7	7 13C6-PFDA	B8J0111-BS1 OPR 0.25	1.06e4	120.0	NO
8	8 13C7-PFUDa	B8J0111-BS1 OPR 0.25	1.58e4	133.3	NO

Name: 181026M2_48, Date: 27-Oct-2018, Time: 00:05:12, ID: B8J0111-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0111-BLK1 Method Blank 0.25	7.36e3	86.5	NO
2	2 13C5-PFHxA	B8J0111-BLK1 Method Blank 0.25	1.12e4	90.5	NO
3	3 13C3-PFHxS	B8J0111-BLK1 Method Blank 0.25	2.58e3	126.8	NO
4	4 13C8-PFOA	B8J0111-BLK1 Method Blank 0.25	1.37e4	93.5	NO
5	5 13C9-PFNA	B8J0111-BLK1 Method Blank 0.25	8.90e3	107.2	NO
6	6 13C4-PFOS	B8J0111-BLK1 Method Blank 0.25	2.50e3	112.1	NO
7	7 13C6-PFDA	B8J0111-BLK1 Method Blank 0.25	9.40e3	106.7	NO
8	8 13C7-PFUDa	B8J0111-BLK1 Method Blank 0.25	1.27e4	107.2	NO

Name: 181026M2_49, Date: 27-Oct-2018, Time: 00:15:50, ID: 1803224-02 SW1809270900KE 0.25481, Description: SW1809270900KE

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803224-02 SW1809270900KE 0.25481	1.00e4	118.1	YES
2	2 13C5-PFHxA	1803224-02 SW1809270900KE 0.25481	1.44e4	116.6	NO
3	3 13C3-PFHxS	1803224-02 SW1809270900KE 0.25481	2.66e3	130.5	NO
4	4 13C8-PFOA	1803224-02 SW1809270900KE 0.25481	1.79e4	121.8	NO
5	5 13C9-PFNA	1803224-02 SW1809270900KE 0.25481	1.02e4	122.8	NO
6	6 13C4-PFOS	1803224-02 SW1809270900KE 0.25481	2.65e3	119.0	NO
7	7 13C6-PFDA	1803224-02 SW1809270900KE 0.25481	1.07e4	121.9	NO
8	8 13C7-PFUDa	1803224-02 SW1809270900KE 0.25481	1.49e4	125.3	NO

Name: 181026M2_50, Date: 27-Oct-2018, Time: 00:26:23, ID: 1803224-04 SW1809270920MK 0.26136, Description: SW1809270920MK

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803224-04 SW1809270920MK 0.26136	9.97e3	117.2	YES
2	2 13C5-PFHxA	1803224-04 SW1809270920MK 0.26136	1.41e4	114.5	NO
3	3 13C3-PFHxS	1803224-04 SW1809270920MK 0.26136	2.67e3	131.3	NO
4	4 13C8-PFOA	1803224-04 SW1809270920MK 0.26136	1.75e4	119.1	NO
5	5 13C9-PFNA	1803224-04 SW1809270920MK 0.26136	1.02e4	123.4	NO
6	6 13C4-PFOS	1803224-04 SW1809270920MK 0.26136	2.65e3	118.8	NO
7	7 13C6-PFDA	1803224-04 SW1809270920MK 0.26136	1.02e4	116.2	NO
8	8 13C7-PFUDa	1803224-04 SW1809270920MK 0.26136	1.50e4	126.8	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_51, Date: 27-Oct-2018, Time: 00:37:02, ID: 1803224-06 SW1809270945MK 0.25643, Description: SW1809270945MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803224-06 SW1809270945MK 0.25643	1.03e4	120.7	YES
2	2 13C5-PFHxA	1803224-06 SW1809270945MK 0.25643	1.50e4	121.2	NO
3	3 13C3-PFHxS	1803224-06 SW1809270945MK 0.25643	2.75e3	135.2	NO
4	4 13C8-PFOA	1803224-06 SW1809270945MK 0.25643	1.81e4	123.4	NO
5	5 13C9-PFNA	1803224-06 SW1809270945MK 0.25643	1.08e4	130.3	NO
6	6 13C4-PFOS	1803224-06 SW1809270945MK 0.25643	2.64e3	118.4	NO
7	7 13C6-PFDA	1803224-06 SW1809270945MK 0.25643	1.08e4	122.2	NO
8	8 13C7-PFUDa	1803224-06 SW1809270945MK 0.25643	1.49e4	125.6	NO

Name: 181026M2_52, Date: 27-Oct-2018, Time: 00:47:40, ID: 1803224-08 SW1809271000MK 0.20743, Description: SW1809271000MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803224-08 SW1809271000MK 0.20743	9.66e3	113.6	YES
2	2 13C5-PFHxA	1803224-08 SW1809271000MK 0.20743	1.41e4	114.0	NO
3	3 13C3-PFHxS	1803224-08 SW1809271000MK 0.20743	2.73e3	134.4	NO
4	4 13C8-PFOA	1803224-08 SW1809271000MK 0.20743	1.67e4	113.9	NO
5	5 13C9-PFNA	1803224-08 SW1809271000MK 0.20743	9.98e3	120.1	NO
6	6 13C4-PFOS	1803224-08 SW1809271000MK 0.20743	2.66e3	119.3	NO
7	7 13C6-PFDA	1803224-08 SW1809271000MK 0.20743	1.04e4	117.9	NO
8	8 13C7-PFUDa	1803224-08 SW1809271000MK 0.20743	1.40e4	117.9	NO

Name: 181026M2_53, Date: 27-Oct-2018, Time: 00:58:12, ID: B8J0055-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0055-BS1 OPR 0.25	7.69e3	90.4	NO
2	2 13C5-PFHxA	B8J0055-BS1 OPR 0.25	1.08e4	87.7	NO
3	3 13C3-PFHxS	B8J0055-BS1 OPR 0.25	2.22e3	108.9	NO
4	4 13C8-PFOA	B8J0055-BS1 OPR 0.25	1.41e4	96.2	NO
5	5 13C9-PFNA	B8J0055-BS1 OPR 0.25	8.74e3	105.2	NO
6	6 13C4-PFOS	B8J0055-BS1 OPR 0.25	2.33e3	104.5	NO
7	7 13C6-PFDA	B8J0055-BS1 OPR 0.25	8.30e3	94.2	NO
8	8 13C7-PFUDa	B8J0055-BS1 OPR 0.25	1.15e4	96.9	NO

Name: 181026M2_54, Date: 27-Oct-2018, Time: 01:08:51, ID: B8J0055-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0055-BLK1 Method Blank 0.25	8.20e3	96.4	NO
2	2 13C5-PFHxA	B8J0055-BLK1 Method Blank 0.25	1.17e4	95.2	NO
3	3 13C3-PFHxS	B8J0055-BLK1 Method Blank 0.25	2.37e3	116.7	NO
4	4 13C8-PFOA	B8J0055-BLK1 Method Blank 0.25	1.50e4	102.0	NO
5	5 13C9-PFNA	B8J0055-BLK1 Method Blank 0.25	9.07e3	109.2	NO
6	6 13C4-PFOS	B8J0055-BLK1 Method Blank 0.25	2.31e3	103.5	NO
7	7 13C6-PFDA	B8J0055-BLK1 Method Blank 0.25	8.85e3	100.4	NO
8	8 13C7-PFUDa	B8J0055-BLK1 Method Blank 0.25	1.25e4	105.7	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_55, Date: 27-Oct-2018, Time: 01:19:24, ID: 1803224-01 FM1809270855KE 0.03198, Description: FM1809270855KE

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803224-01 FM1809270855KE 0.03198	1.68e4	197.3	YES
2	2 13C5-PFHxA	1803224-01 FM1809270855KE 0.03198	2.23e4	180.6	YES
3	3 13C3-PFHxS	1803224-01 FM1809270855KE 0.03198	4.20e3	206.5	YES
4	4 13C8-PFOA	1803224-01 FM1809270855KE 0.03198	2.55e4	173.4	YES
5	5 13C9-PFNA	1803224-01 FM1809270855KE 0.03198	1.52e4	183.0	YES
6	6 13C4-PFOS	1803224-01 FM1809270855KE 0.03198	3.99e3	179.3	YES
7	7 13C6-PFDA	1803224-01 FM1809270855KE 0.03198	1.36e4	154.8	YES
8	8 13C7-PFUDa	1803224-01 FM1809270855KE 0.03198	1.86e4	156.4	YES

Name: 181026M2_56, Date: 27-Oct-2018, Time: 01:30:02, ID: 1803224-03 FM1809270915MK 0.02745, Description: FM1809270915MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803224-03 FM1809270915MK 0.02745	1.78e4	209.2	YES
2	2 13C5-PFHxA	1803224-03 FM1809270915MK 0.02745	2.38e4	192.8	YES
3	3 13C3-PFHxS	1803224-03 FM1809270915MK 0.02745	4.46e3	219.4	YES
4	4 13C8-PFOA	1803224-03 FM1809270915MK 0.02745	2.67e4	182.0	YES
5	5 13C9-PFNA	1803224-03 FM1809270915MK 0.02745	1.57e4	189.0	YES
6	6 13C4-PFOS	1803224-03 FM1809270915MK 0.02745	3.54e3	158.8	YES
7	7 13C6-PFDA	1803224-03 FM1809270915MK 0.02745	1.37e4	155.5	YES
8	8 13C7-PFUDa	1803224-03 FM1809270915MK 0.02745	1.75e4	147.8	NO

Name: 181026M2_57, Date: 27-Oct-2018, Time: 01:40:40, ID: 1803224-05 FM1809270940MK 0.05739, Description: FM1809270940MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803224-05 FM1809270940MK 0.05739	1.74e4	204.8	YES
2	2 13C5-PFHxA	1803224-05 FM1809270940MK 0.05739	2.36e4	191.1	YES
3	3 13C3-PFHxS	1803224-05 FM1809270940MK 0.05739	4.42e3	217.4	YES
4	4 13C8-PFOA	1803224-05 FM1809270940MK 0.05739	2.69e4	183.2	YES
5	5 13C9-PFNA	1803224-05 FM1809270940MK 0.05739	1.64e4	197.9	YES
6	6 13C4-PFOS	1803224-05 FM1809270940MK 0.05739	4.32e3	194.0	YES
7	7 13C6-PFDA	1803224-05 FM1809270940MK 0.05739	1.42e4	161.6	YES
8	8 13C7-PFUDa	1803224-05 FM1809270940MK 0.05739	2.11e4	177.7	YES

Name: 181026M2_58, Date: 27-Oct-2018, Time: 01:51:14, ID: 1803224-07 FM1809270955MK 0.02587, Description: FM1809270955MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803224-07 FM1809270955MK 0.02587	1.71e4	201.7	YES
2	2 13C5-PFHxA	1803224-07 FM1809270955MK 0.02587	2.37e4	192.1	YES
3	3 13C3-PFHxS	1803224-07 FM1809270955MK 0.02587	4.26e3	209.3	YES
4	4 13C8-PFOA	1803224-07 FM1809270955MK 0.02587	2.67e4	181.8	YES
5	5 13C9-PFNA	1803224-07 FM1809270955MK 0.02587	1.61e4	193.9	YES
6	6 13C4-PFOS	1803224-07 FM1809270955MK 0.02587	4.07e3	182.7	YES
7	7 13C6-PFDA	1803224-07 FM1809270955MK 0.02587	1.40e4	158.8	YES
8	8 13C7-PFUDa	1803224-07 FM1809270955MK 0.02587	2.02e4	170.7	YES

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_59, Date: 27-Oct-2018, Time: 02:01:52, ID: B8J0139-BLK1 Method Blank 3, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0139-BLK1 Method Blank 3	9.28e3	109.2	YES
2	2 13C5-PFHxA	B8J0139-BLK1 Method Blank 3	1.38e4	112.2	NO
3	3 13C3-PFHxS	B8J0139-BLK1 Method Blank 3	2.44e3	120.0	NO
4	4 13C8-PFOA	B8J0139-BLK1 Method Blank 3	1.59e4	108.2	NO
5	5 13C9-PFNA	B8J0139-BLK1 Method Blank 3	9.84e3	118.4	NO
6	6 13C4-PFOS	B8J0139-BLK1 Method Blank 3	2.39e3	107.4	NO
7	7 13C6-PFDA	B8J0139-BLK1 Method Blank 3	9.88e3	112.1	NO
8	8 13C7-PFUDa	B8J0139-BLK1 Method Blank 3	1.37e4	115.6	NO

Name: 181026M2_60, Date: 27-Oct-2018, Time: 02:12:24, ID: B8J0139-BS1 OPR 3, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0139-BS1 OPR 3	8.05e3	94.7	NO
2	2 13C5-PFHxA	B8J0139-BS1 OPR 3	1.18e4	95.3	NO
3	3 13C3-PFHxS	B8J0139-BS1 OPR 3	2.03e3	99.8	NO
4	4 13C8-PFOA	B8J0139-BS1 OPR 3	1.43e4	97.4	NO
5	5 13C9-PFNA	B8J0139-BS1 OPR 3	8.65e3	104.1	NO
6	6 13C4-PFOS	B8J0139-BS1 OPR 3	2.11e3	94.7	NO
7	7 13C6-PFDA	B8J0139-BS1 OPR 3	8.90e3	101.0	NO
8	8 13C7-PFUDa	B8J0139-BS1 OPR 3	1.19e4	100.1	NO

Name: 181026M2_61, Date: 27-Oct-2018, Time: 02:23:03, ID: B8J0139-BS2 OPR 3, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0139-BS2 OPR 3	7.84e3	92.2	NO
2	2 13C5-PFHxA	B8J0139-BS2 OPR 3	1.13e4	91.6	NO
3	3 13C3-PFHxS	B8J0139-BS2 OPR 3	2.03e3	99.9	NO
4	4 13C8-PFOA	B8J0139-BS2 OPR 3	1.36e4	92.6	NO
5	5 13C9-PFNA	B8J0139-BS2 OPR 3	7.84e3	94.4	NO
6	6 13C4-PFOS	B8J0139-BS2 OPR 3	2.06e3	92.6	NO
7	7 13C6-PFDA	B8J0139-BS2 OPR 3	7.65e3	86.8	NO
8	8 13C7-PFUDa	B8J0139-BS2 OPR 3	1.17e4	98.3	NO

Name: 181026M2_62, Date: 27-Oct-2018, Time: 02:33:35, ID: B8J0139-BS3 OPR 3, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0139-BS3 OPR 3	8.74e3	102.8	NO
2	2 13C5-PFHxA	B8J0139-BS3 OPR 3	1.23e4	100.1	NO
3	3 13C3-PFHxS	B8J0139-BS3 OPR 3	2.28e3	111.8	NO
4	4 13C8-PFOA	B8J0139-BS3 OPR 3	1.53e4	104.2	NO
5	5 13C9-PFNA	B8J0139-BS3 OPR 3	9.03e3	108.7	NO
6	6 13C4-PFOS	B8J0139-BS3 OPR 3	2.18e3	97.8	NO
7	7 13C6-PFDA	B8J0139-BS3 OPR 3	9.14e3	103.8	NO
8	8 13C7-PFUDa	B8J0139-BS3 OPR 3	1.21e4	101.9	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_63, Date: 27-Oct-2018, Time: 02:44:14, ID: B8J0139-BS4 OPR 3, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0139-BS4 OPR 3	8.29e3	97.6	NO
2	2 13C5-PFHxA	B8J0139-BS4 OPR 3	1.23e4	99.4	NO
3	3 13C3-PFHxS	B8J0139-BS4 OPR 3	2.21e3	108.8	NO
4	4 13C8-PFOA	B8J0139-BS4 OPR 3	1.45e4	98.9	NO
5	5 13C9-PFNA	B8J0139-BS4 OPR 3	8.68e3	104.5	NO
6	6 13C4-PFOS	B8J0139-BS4 OPR 3	2.18e3	97.7	NO
7	7 13C6-PFDA	B8J0139-BS4 OPR 3	8.30e3	94.2	NO
8	8 13C7-PFUDa	B8J0139-BS4 OPR 3	1.28e4	108.2	NO

Name: 181026M2_64, Date: 27-Oct-2018, Time: 02:54:46, ID: B8J0127-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0127-BS1 OPR 0.125	8.96e3	105.4	YES
2	2 13C5-PFHxA	B8J0127-BS1 OPR 0.125	1.24e4	100.6	NO
3	3 13C3-PFHxS	B8J0127-BS1 OPR 0.125	2.34e3	115.2	NO
4	4 13C8-PFOA	B8J0127-BS1 OPR 0.125	1.38e4	94.2	NO
5	5 13C9-PFNA	B8J0127-BS1 OPR 0.125	6.96e3	83.8	NO
6	6 13C4-PFOS	B8J0127-BS1 OPR 0.125	1.10e3	49.2	YES
7	7 13C6-PFDA	B8J0127-BS1 OPR 0.125	3.84e3	43.6	YES
8	8 13C7-PFUDa	B8J0127-BS1 OPR 0.125	1.77e3	14.9	YES

Name: 181026M2_65, Date: 27-Oct-2018, Time: 03:05:25, ID: B8J0127-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0127-BLK1 Method Blank 0.125	8.16e3	96.0	NO
2	2 13C5-PFHxA	B8J0127-BLK1 Method Blank 0.125	1.14e4	92.6	NO
3	3 13C3-PFHxS	B8J0127-BLK1 Method Blank 0.125	2.17e3	106.8	NO
4	4 13C8-PFOA	B8J0127-BLK1 Method Blank 0.125	1.20e4	81.6	NO
5	5 13C9-PFNA	B8J0127-BLK1 Method Blank 0.125	5.77e3	69.4	NO
6	6 13C4-PFOS	B8J0127-BLK1 Method Blank 0.125	1.06e3	47.5	YES
7	7 13C6-PFDA	B8J0127-BLK1 Method Blank 0.125	3.68e3	41.8	YES
8	8 13C7-PFUDa	B8J0127-BLK1 Method Blank 0.125	1.63e3	13.8	YES

Name: 181026M2_66, Date: 27-Oct-2018, Time: 03:15:57, ID: 1803311-01 DW-1 0.11189, Description: DW-1

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803311-01 DW-1 0.11189	8.42e3	99.1	NO
2	2 13C5-PFHxA	1803311-01 DW-1 0.11189	1.18e4	95.7	NO
3	3 13C3-PFHxS	1803311-01 DW-1 0.11189	2.22e3	109.1	NO
4	4 13C8-PFOA	1803311-01 DW-1 0.11189	1.36e4	92.7	NO
5	5 13C9-PFNA	1803311-01 DW-1 0.11189	7.32e3	88.2	NO
6	6 13C4-PFOS	1803311-01 DW-1 0.11189	1.51e3	67.9	NO
7	7 13C6-PFDA	1803311-01 DW-1 0.11189	5.08e3	57.7	NO
8	8 13C7-PFUDa	1803311-01 DW-1 0.11189	3.11e3	26.2	YES

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_67, Date: 27-Oct-2018, Time: 03:26:36, ID: IPA, Description: IPA

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 181026M2_68, Date: 27-Oct-2018, Time: 03:37:14, ID: ST181026M2-13 PFC CS3 18J1820, Description: PFC CS3 18J1820

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-13 PFC CS3 18J1820	9.85e3	115.9	NO
2	2 13C5-PFHxA	ST181026M2-13 PFC CS3 18J1820	1.38e4	111.9	NO
3	3 13C3-PFHxS	ST181026M2-13 PFC CS3 18J1820	2.39e3	117.6	NO
4	4 13C8-PFOA	ST181026M2-13 PFC CS3 18J1820	1.63e4	111.3	NO
5	5 13C9-PFNA	ST181026M2-13 PFC CS3 18J1820	1.03e4	123.9	NO
6	6 13C4-PFOS	ST181026M2-13 PFC CS3 18J1820	2.40e3	107.9	NO
7	7 13C6-PFDA	ST181026M2-13 PFC CS3 18J1820	9.43e3	107.0	NO
8	8 13C7-PFUdA	ST181026M2-13 PFC CS3 18J1820	1.33e4	111.9	NO

Name: 181026M2_69, Date: 27-Oct-2018, Time: 03:47:47, ID: 1803311-02 SW-1 0.12504, Description: SW-1

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803311-02 SW-1 0.12504	8.82e3	103.7	NO
2	2 13C5-PFHxA	1803311-02 SW-1 0.12504	1.23e4	99.8	NO
3	3 13C3-PFHxS	1803311-02 SW-1 0.12504	2.39e3	117.4	NO
4	4 13C8-PFOA	1803311-02 SW-1 0.12504	1.35e4	91.6	NO
5	5 13C9-PFNA	1803311-02 SW-1 0.12504	8.15e3	98.2	NO
6	6 13C4-PFOS	1803311-02 SW-1 0.12504	2.04e3	91.4	NO
7	7 13C6-PFDA	1803311-02 SW-1 0.12504	6.96e3	79.0	NO
8	8 13C7-PFUdA	1803311-02 SW-1 0.12504	6.32e3	53.2	NO

Name: 181026M2_70, Date: 27-Oct-2018, Time: 03:58:25, ID: 1803311-03 SW-2 0.12684, Description: SW-2

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803311-03 SW-2 0.12684	9.01e3	106.0	YES
2	2 13C5-PFHxA	1803311-03 SW-2 0.12684	1.29e4	104.7	NO
3	3 13C3-PFHxS	1803311-03 SW-2 0.12684	2.46e3	120.7	NO
4	4 13C8-PFOA	1803311-03 SW-2 0.12684	1.55e4	105.7	NO
5	5 13C9-PFNA	1803311-03 SW-2 0.12684	9.40e3	113.2	NO
6	6 13C4-PFOS	1803311-03 SW-2 0.12684	2.60e3	116.6	NO
7	7 13C6-PFDA	1803311-03 SW-2 0.12684	1.04e4	118.0	NO
8	8 13C7-PFUdA	1803311-03 SW-2 0.12684	2.03e4	171.0	YES

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time
Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_71, Date: 27-Oct-2018, Time: 04:08:58, ID: 1803311-04 Trip Blank - PFAS 0.12206, Description: Trip Blank - PFAS

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803311-04 Trip Blank - PFAS 0.12206	9.40e3	110.6	YES
2	2 13C5-PFHxA	1803311-04 Trip Blank - PFAS 0.12206	1.36e4	109.9	NO
3	3 13C3-PFHxS	1803311-04 Trip Blank - PFAS 0.12206	2.57e3	126.5	NO
4	4 13C8-PFOA	1803311-04 Trip Blank - PFAS 0.12206	1.49e4	101.6	NO
5	5 13C9-PFNA	1803311-04 Trip Blank - PFAS 0.12206	8.47e3	102.0	NO
6	6 13C4-PFOS	1803311-04 Trip Blank - PFAS 0.12206	1.93e3	86.5	NO
7	7 13C6-PFDA	1803311-04 Trip Blank - PFAS 0.12206	6.98e3	79.2	NO
8	8 13C7-PFUDa	1803311-04 Trip Blank - PFAS 0.12206	5.96e3	50.3	NO

Name: 181026M2_72, Date: 27-Oct-2018, Time: 04:19:37, ID: 1803311-05 Field Blank - PFAS 0.1226, Description: Field Blank - PFAS

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803311-05 Field Blank - PFAS 0.1226	8.81e3	103.7	NO
2	2 13C5-PFHxA	1803311-05 Field Blank - PFAS 0.1226	1.22e4	98.9	NO
3	3 13C3-PFHxS	1803311-05 Field Blank - PFAS 0.1226	2.38e3	117.0	NO
4	4 13C8-PFOA	1803311-05 Field Blank - PFAS 0.1226	1.40e4	95.6	NO
5	5 13C9-PFNA	1803311-05 Field Blank - PFAS 0.1226	8.06e3	97.0	NO
6	6 13C4-PFOS	1803311-05 Field Blank - PFAS 0.1226	1.90e3	85.3	NO
7	7 13C6-PFDA	1803311-05 Field Blank - PFAS 0.1226	6.43e3	73.0	NO
8	8 13C7-PFUDa	1803311-05 Field Blank - PFAS 0.1226	4.39e3	37.0	YES

Name: 181026M2_73, Date: 27-Oct-2018, Time: 04:30:09, ID: 1803312-01 MW-5D 0.12566, Description: MW-5D

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803312-01 MW-5D 0.12566	9.07e3	106.8	YES
2	2 13C5-PFHxA	1803312-01 MW-5D 0.12566	1.31e4	106.2	NO
3	3 13C3-PFHxS	1803312-01 MW-5D 0.12566	2.43e3	119.2	NO
4	4 13C8-PFOA	1803312-01 MW-5D 0.12566	1.48e4	100.9	NO
5	5 13C9-PFNA	1803312-01 MW-5D 0.12566	7.91e3	95.2	NO
6	6 13C4-PFOS	1803312-01 MW-5D 0.12566	1.92e3	86.1	NO
7	7 13C6-PFDA	1803312-01 MW-5D 0.12566	6.69e3	75.9	NO
8	8 13C7-PFUDa	1803312-01 MW-5D 0.12566	5.84e3	49.2	YES

Name: 181026M2_74, Date: 27-Oct-2018, Time: 04:40:48, ID: 1803312-02 MW-8 0.12498, Description: MW-8

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803312-02 MW-8 0.12498	8.85e3	104.1	NO
2	2 13C5-PFHxA	1803312-02 MW-8 0.12498	1.27e4	102.7	NO
3	3 13C3-PFHxS	1803312-02 MW-8 0.12498	2.44e3	119.9	NO
4	4 13C8-PFOA	1803312-02 MW-8 0.12498	1.46e4	99.6	NO
5	5 13C9-PFNA	1803312-02 MW-8 0.12498	7.94e3	95.6	NO
6	6 13C4-PFOS	1803312-02 MW-8 0.12498	1.48e3	66.5	NO
7	7 13C6-PFDA	1803312-02 MW-8 0.12498	5.04e3	57.2	NO
8	8 13C7-PFUDa	1803312-02 MW-8 0.12498	3.12e3	26.3	YES

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_75, Date: 27-Oct-2018, Time: 04:51:21, ID: 1803312-03 DW-1 0.12465, Description: DW-1

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803312-03 DW-1 0.12465	8.88e3	104.4	NO
2	2 13C5-PFHxA	1803312-03 DW-1 0.12465	1.26e4	102.2	NO
3	3 13C3-PFHxS	1803312-03 DW-1 0.12465	2.62e3	128.5	NO
4	4 13C8-PFOA	1803312-03 DW-1 0.12465	1.49e4	101.2	NO
5	5 13C9-PFNA	1803312-03 DW-1 0.12465	8.11e3	97.7	NO
6	6 13C4-PFOS	1803312-03 DW-1 0.12465	2.16e3	97.1	NO
7	7 13C6-PFDA	1803312-03 DW-1 0.12465	6.17e3	70.1	NO
8	8 13C7-PFUDa	1803312-03 DW-1 0.12465	5.69e3	48.0	YES

Name: 181026M2_76, Date: 27-Oct-2018, Time: 05:01:59, ID: 1803313-01 SH-3_20181009 0.12327, Description: SH-3_20181009

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803313-01 SH-3_20181009 0.12327	9.00e3	105.8	YES
2	2 13C5-PFHxA	1803313-01 SH-3_20181009 0.12327	1.28e4	103.8	NO
3	3 13C3-PFHxS	1803313-01 SH-3_20181009 0.12327	2.60e3	127.6	NO
4	4 13C8-PFOA	1803313-01 SH-3_20181009 0.12327	1.42e4	96.6	NO
5	5 13C9-PFNA	1803313-01 SH-3_20181009 0.12327	7.87e3	94.7	NO
6	6 13C4-PFOS	1803313-01 SH-3_20181009 0.12327	2.04e3	91.5	NO
7	7 13C6-PFDA	1803313-01 SH-3_20181009 0.12327	6.18e3	70.2	NO
8	8 13C7-PFUDa	1803313-01 SH-3_20181009 0.12327	5.65e3	47.6	YES

Name: 181026M2_77, Date: 27-Oct-2018, Time: 05:12:32, ID: 1803313-02 Dup-1_20181009 0.12647, Description: Dup-1_20181009

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803313-02 Dup-1_20181009 0.12647	8.68e3	102.1	NO
2	2 13C5-PFHxA	1803313-02 Dup-1_20181009 0.12647	1.28e4	103.4	NO
3	3 13C3-PFHxS	1803313-02 Dup-1_20181009 0.12647	2.25e3	110.4	NO
4	4 13C8-PFOA	1803313-02 Dup-1_20181009 0.12647	1.46e4	99.6	NO
5	5 13C9-PFNA	1803313-02 Dup-1_20181009 0.12647	8.43e3	101.6	NO
6	6 13C4-PFOS	1803313-02 Dup-1_20181009 0.12647	2.02e3	90.7	NO
7	7 13C6-PFDA	1803313-02 Dup-1_20181009 0.12647	6.69e3	76.0	NO
8	8 13C7-PFUDa	1803313-02 Dup-1_20181009 0.12647	5.05e3	42.5	YES

Name: 181026M2_78, Date: 27-Oct-2018, Time: 05:23:10, ID: 1803313-03 B-4R_20181009 0.12609, Description: B-4R_20181009

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803313-03 B-4R_20181009 0.12609	8.83e3	103.9	NO
2	2 13C5-PFHxA	1803313-03 B-4R_20181009 0.12609	1.28e4	104.1	NO
3	3 13C3-PFHxS	1803313-03 B-4R_20181009 0.12609	2.42e3	118.9	NO
4	4 13C8-PFOA	1803313-03 B-4R_20181009 0.12609	1.46e4	99.5	NO
5	5 13C9-PFNA	1803313-03 B-4R_20181009 0.12609	8.48e3	102.1	NO
6	6 13C4-PFOS	1803313-03 B-4R_20181009 0.12609	1.98e3	89.0	NO
7	7 13C6-PFDA	1803313-03 B-4R_20181009 0.12609	6.10e3	69.2	NO
8	8 13C7-PFUDa	1803313-03 B-4R_20181009 0.12609	4.09e3	34.5	YES

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_79, Date: 27-Oct-2018, Time: 05:33:42, ID: 1803313-04 B-5_20181009 0.13002, Description: B-5_20181009

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803313-04 B-5_20181009 0.13002	8.72e3	102.5	NO
2	2 13C5-PFHxA	1803313-04 B-5_20181009 0.13002	1.27e4	102.7	NO
3	3 13C3-PFHxS	1803313-04 B-5_20181009 0.13002	2.35e3	115.3	NO
4	4 13C8-PFOA	1803313-04 B-5_20181009 0.13002	1.46e4	99.5	NO
5	5 13C9-PFNA	1803313-04 B-5_20181009 0.13002	8.15e3	98.2	NO
6	6 13C4-PFOS	1803313-04 B-5_20181009 0.13002	1.75e3	78.6	NO
7	7 13C6-PFDA	1803313-04 B-5_20181009 0.13002	6.25e3	71.0	NO
8	8 13C7-PFUDa	1803313-04 B-5_20181009 0.13002	4.18e3	35.3	YES

Name: 181026M2_80, Date: 27-Oct-2018, Time: 05:44:21, ID: 1803313-05 FB-01_20181009 0.12956, Description: FB-01_20181009

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803313-05 FB-01_20181009 0.12956	8.59e3	101.1	NO
2	2 13C5-PFHxA	1803313-05 FB-01_20181009 0.12956	1.22e4	98.6	NO
3	3 13C3-PFHxS	1803313-05 FB-01_20181009 0.12956	2.28e3	112.1	NO
4	4 13C8-PFOA	1803313-05 FB-01_20181009 0.12956	1.35e4	92.2	NO
5	5 13C9-PFNA	1803313-05 FB-01_20181009 0.12956	7.86e3	94.7	NO
6	6 13C4-PFOS	1803313-05 FB-01_20181009 0.12956	1.84e3	82.6	NO
7	7 13C6-PFDA	1803313-05 FB-01_20181009 0.12956	6.45e3	73.3	NO
8	8 13C7-PFUDa	1803313-05 FB-01_20181009 0.12956	5.07e3	42.8	YES

Name: 181026M2_81, Date: 27-Oct-2018, Time: 05:54:54, ID: 1803314-01 BRW-6 0.12106, Description: BRW-6

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803314-01 BRW-6 0.12106	9.07e3	106.7	YES
2	2 13C5-PFHxA	1803314-01 BRW-6 0.12106	1.28e4	104.1	NO
3	3 13C3-PFHxS	1803314-01 BRW-6 0.12106	2.40e3	118.1	NO
4	4 13C8-PFOA	1803314-01 BRW-6 0.12106	1.39e4	94.4	NO
5	5 13C9-PFNA	1803314-01 BRW-6 0.12106	7.67e3	92.3	NO
6	6 13C4-PFOS	1803314-01 BRW-6 0.12106	1.71e3	76.9	NO
7	7 13C6-PFDA	1803314-01 BRW-6 0.12106	5.93e3	67.3	NO
8	8 13C7-PFUDa	1803314-01 BRW-6 0.12106	4.00e3	33.7	YES

Name: 181026M2_82, Date: 27-Oct-2018, Time: 06:05:32, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-IIS AREAS.qld

Last Altered: Saturday, October 27, 2018 12:57:13 Pacific Daylight Time

Printed: Saturday, October 27, 2018 12:58:08 Pacific Daylight Time

Name: 181026M2_83, Date: 27-Oct-2018, Time: 06:16:13, ID: ST181026M2-14 PFC CS3 18J1820, Description: PFC CS3 18J1820

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181026M2-14 PFC CS3 18J1820	9.79e3	115.1	NO
2	2 13C5-PFHxA	ST181026M2-14 PFC CS3 18J1820	1.41e4	114.5	NO
3	3 13C3-PFHxS	ST181026M2-14 PFC CS3 18J1820	2.46e3	121.0	NO
4	4 13C8-PFOA	ST181026M2-14 PFC CS3 18J1820	1.64e4	112.0	NO
5	5 13C9-PFNA	ST181026M2-14 PFC CS3 18J1820	1.04e4	125.2	NO
6	6 13C4-PFOS	ST181026M2-14 PFC CS3 18J1820	2.43e3	108.9	NO
7	7 13C6-PFDA	ST181026M2-14 PFC CS3 18J1820	9.95e3	113.0	NO
8	8 13C7-PFUDa	ST181026M2-14 PFC CS3 18J1820	1.33e4	112.1	NO

Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

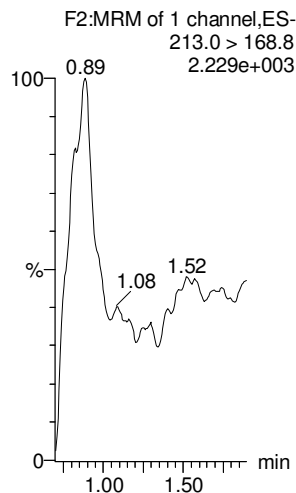
Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

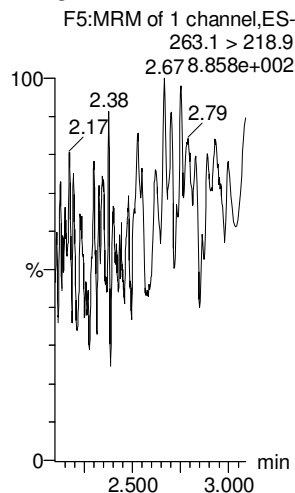
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

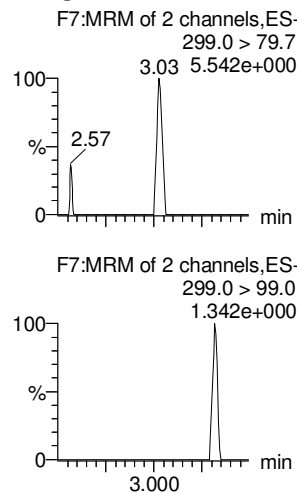
PFBA



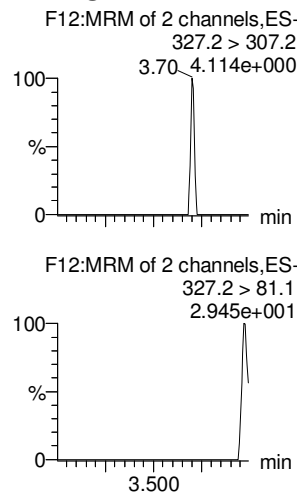
PFPeA



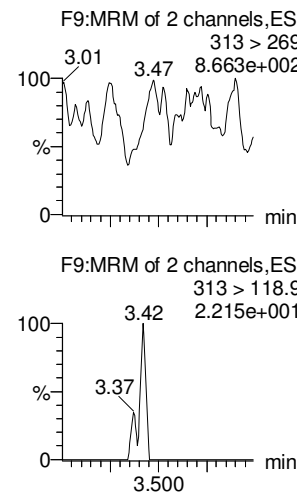
PFBS



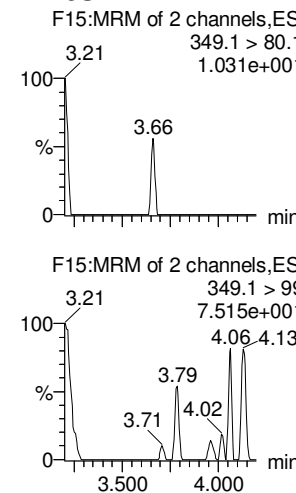
4:2 FTS



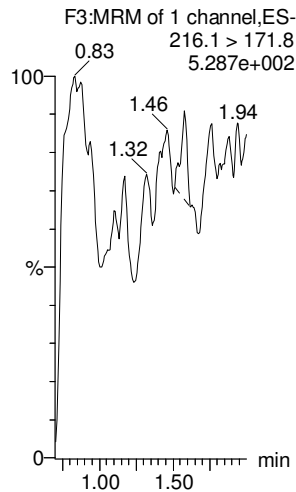
PFHxA



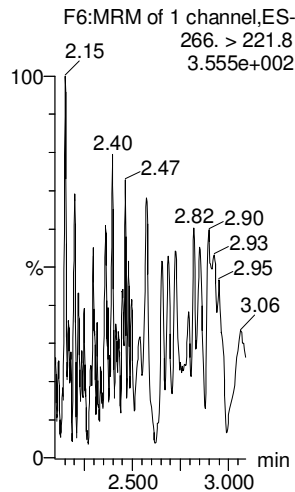
PFPeS



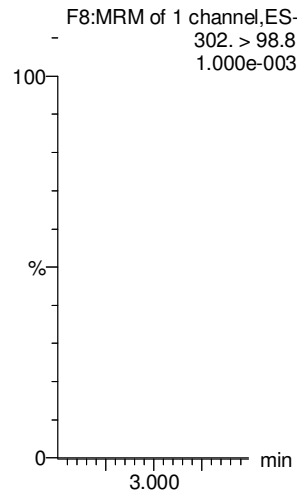
13C3-PFBA



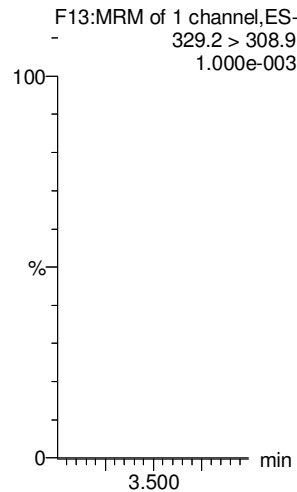
13C3-PFPeA



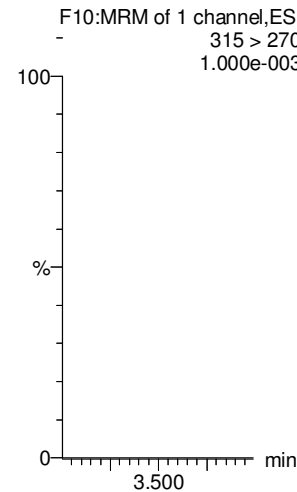
13C3-PFBS



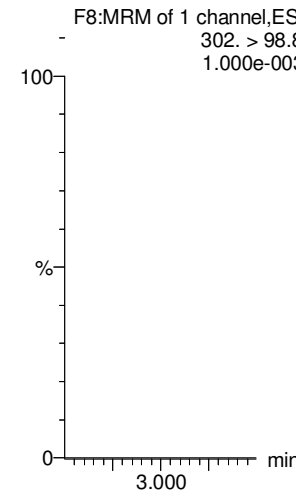
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

6:2 FTS

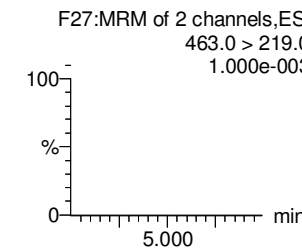
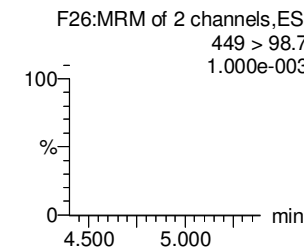
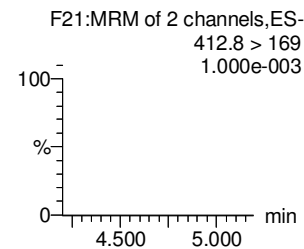
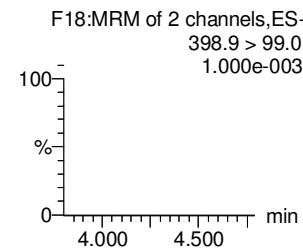
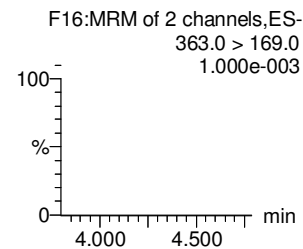
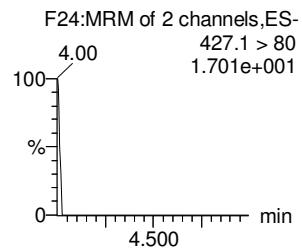
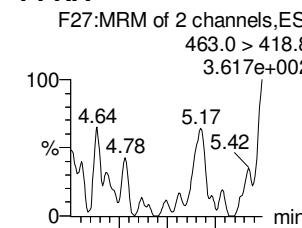
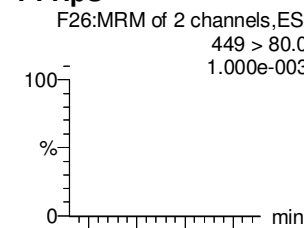
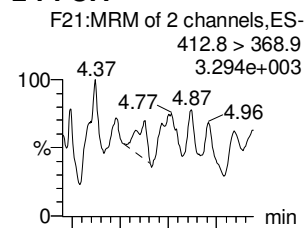
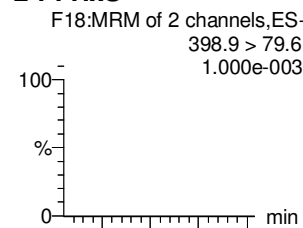
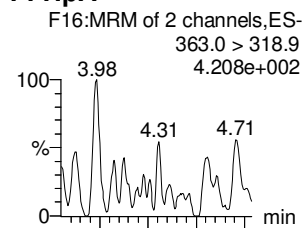
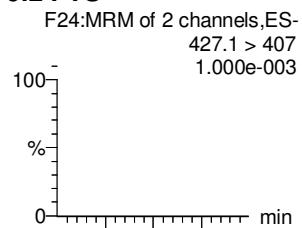
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

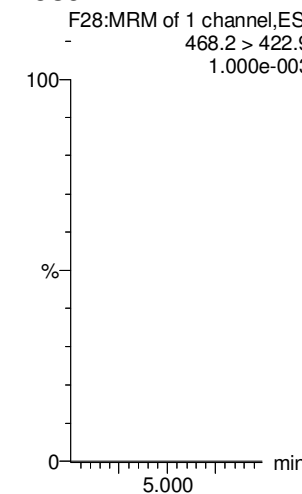
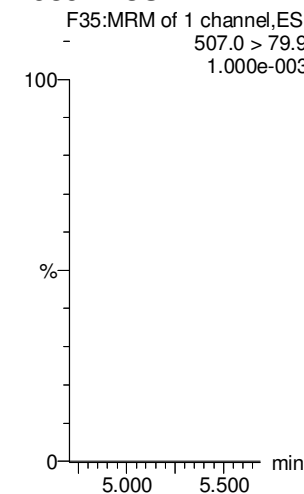
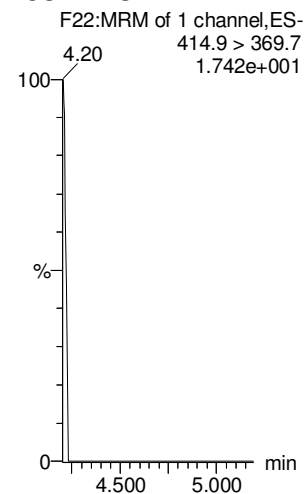
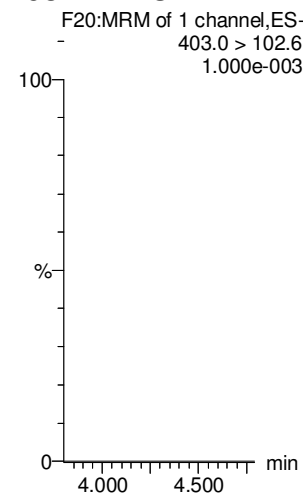
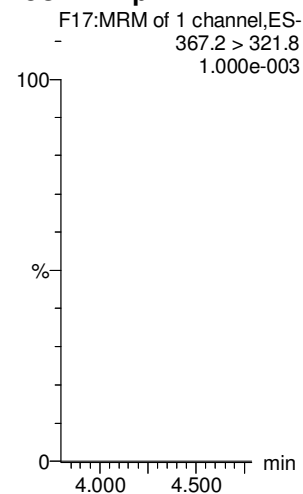
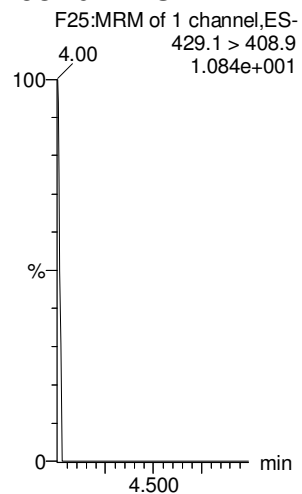
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



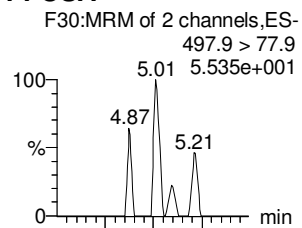
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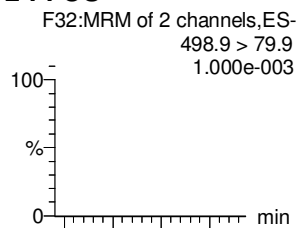
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Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

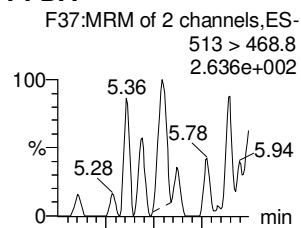
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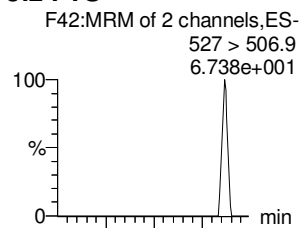
L-PFOS



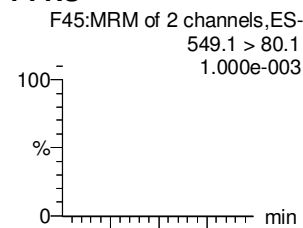
PFDA



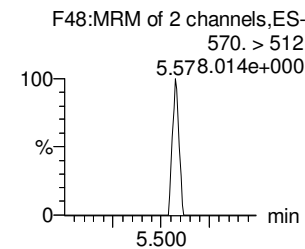
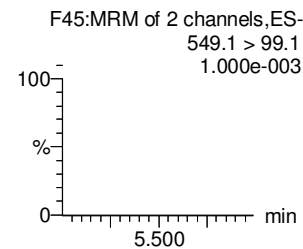
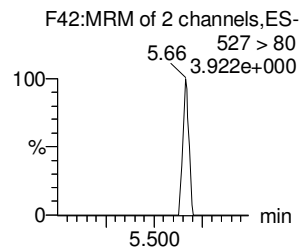
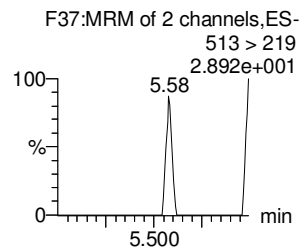
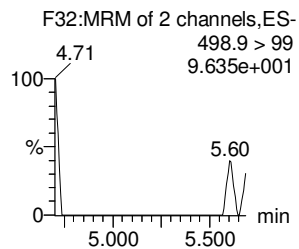
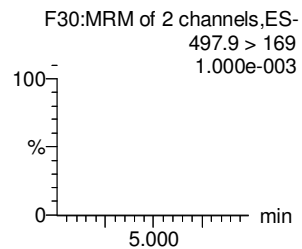
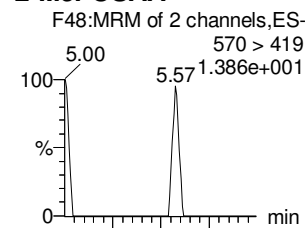
8:2 FTS



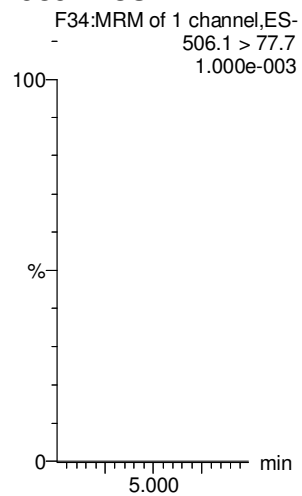
PFNS



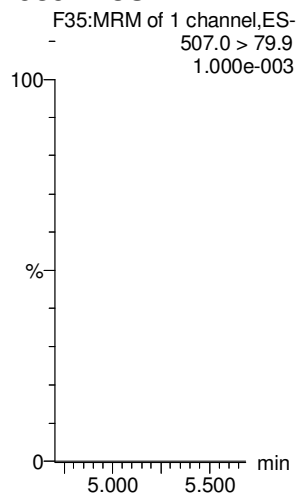
L-MeFOSAA



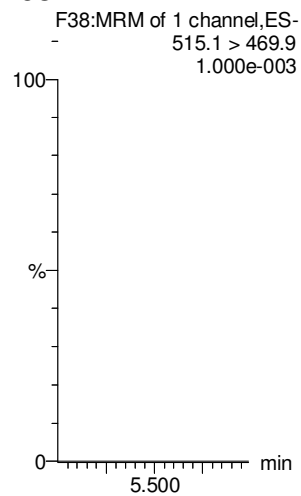
13C8-PFOSA



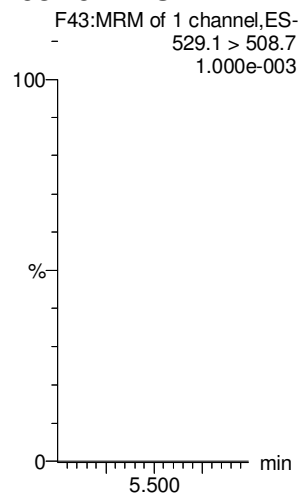
13C8-PFOS



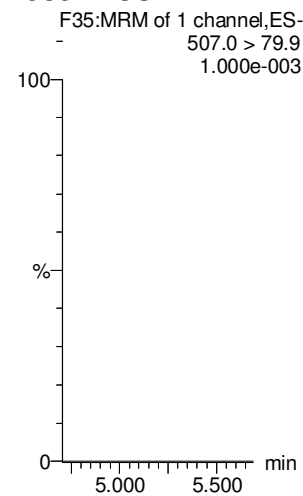
13C2-PFDA



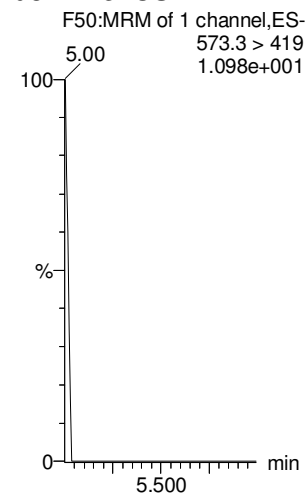
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



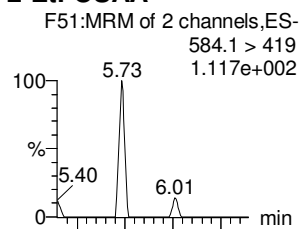
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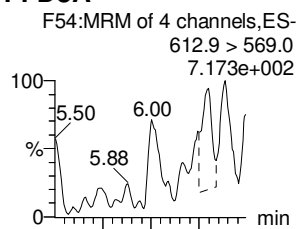
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Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

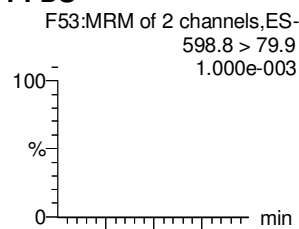
L-EtFOSAA



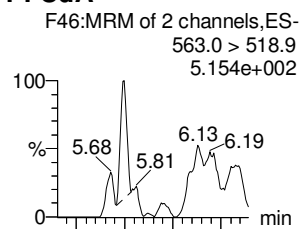
PFDoA



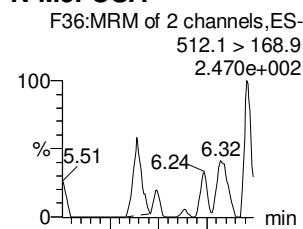
PFDS



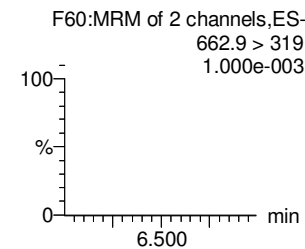
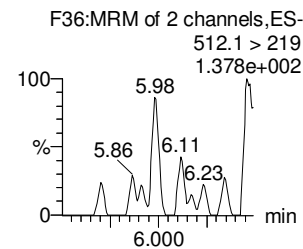
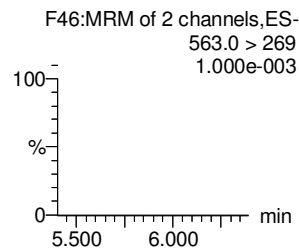
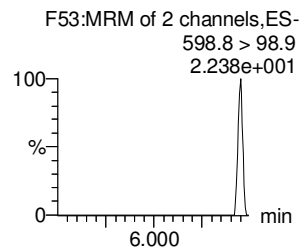
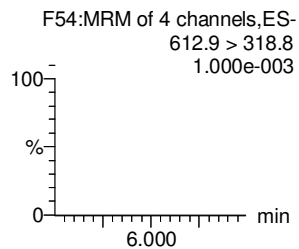
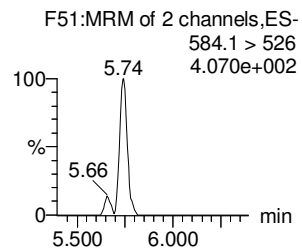
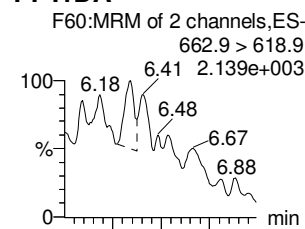
PFUdA



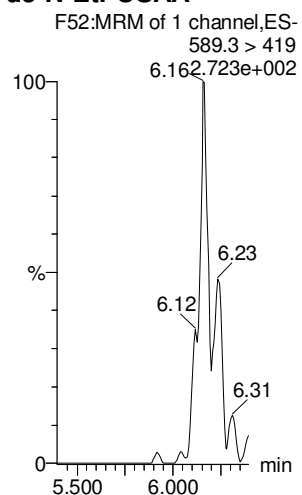
N-MeFOSA



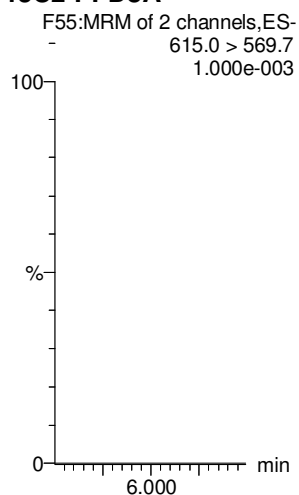
PFTrDA



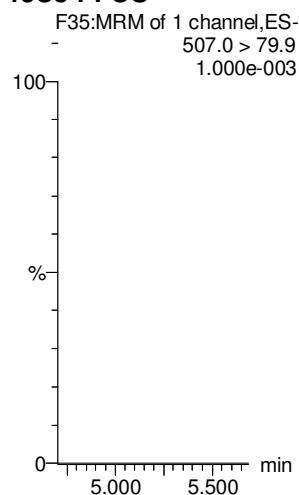
d5-N-EtFOSAA



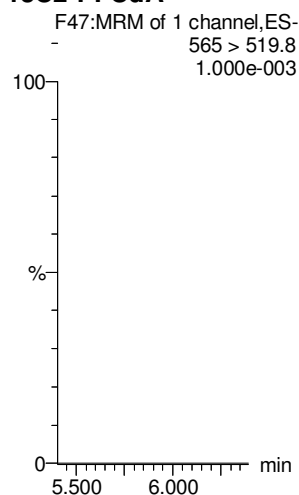
13C2-PFDoA



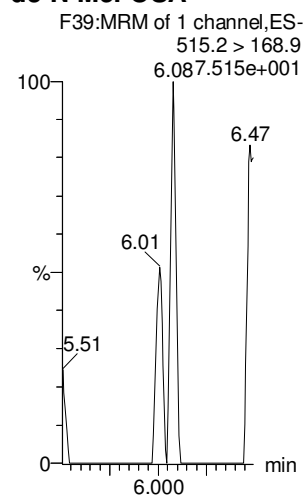
13C8-PFOS



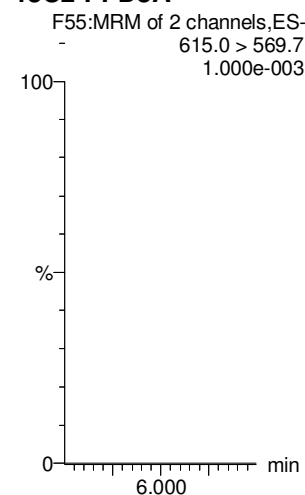
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

PFTeDA

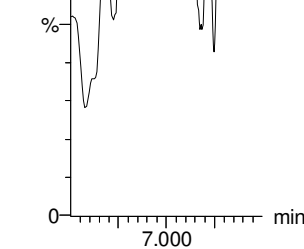
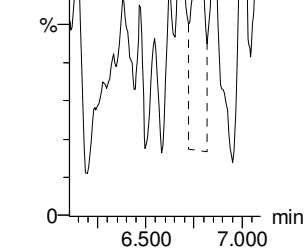
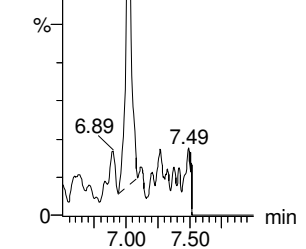
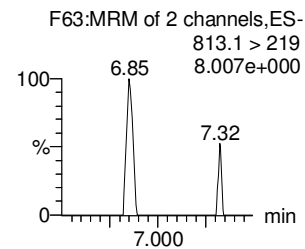
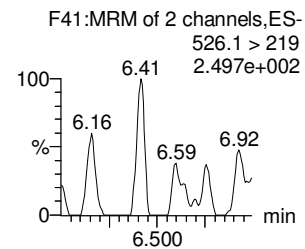
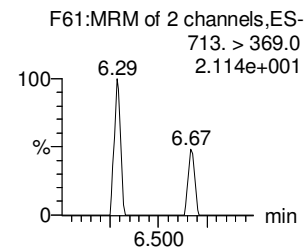
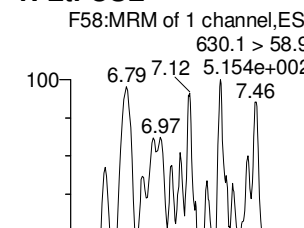
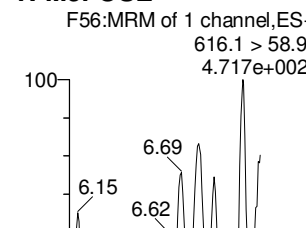
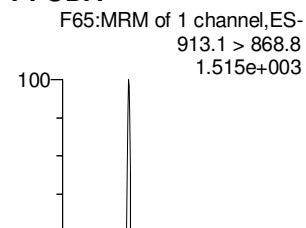
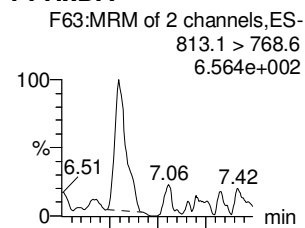
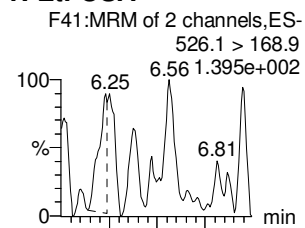
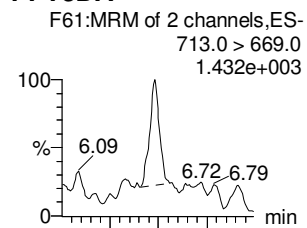
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

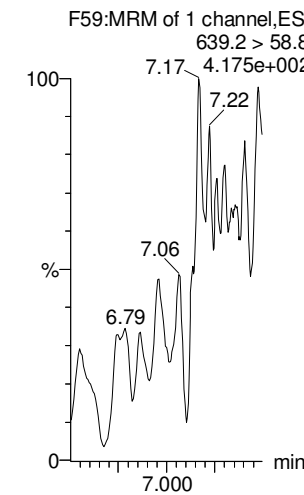
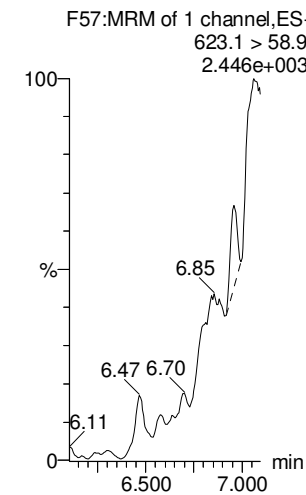
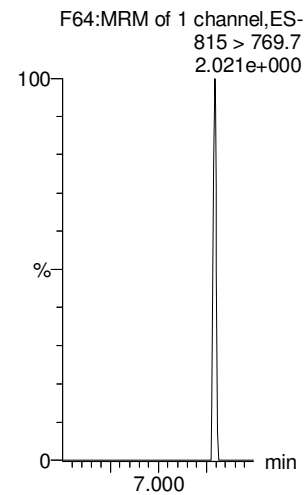
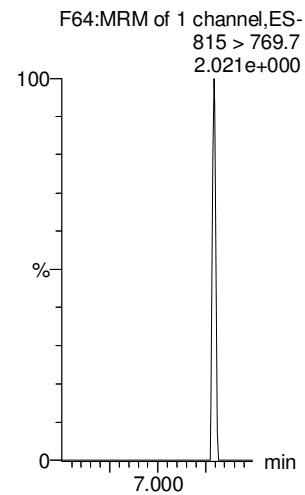
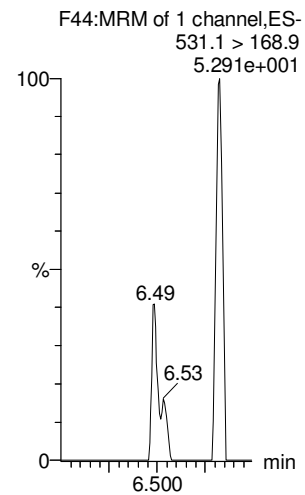
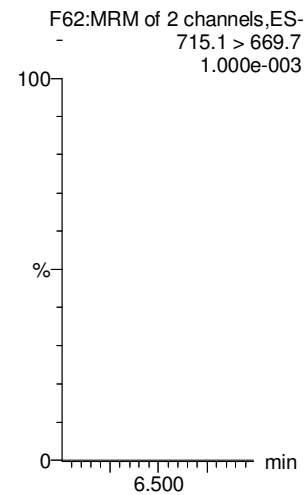
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



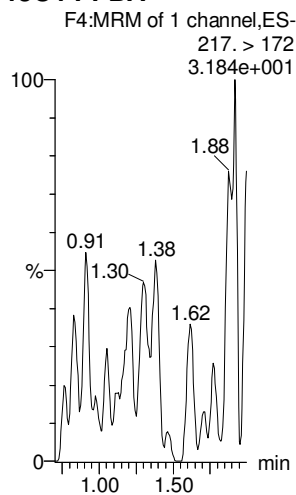
Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

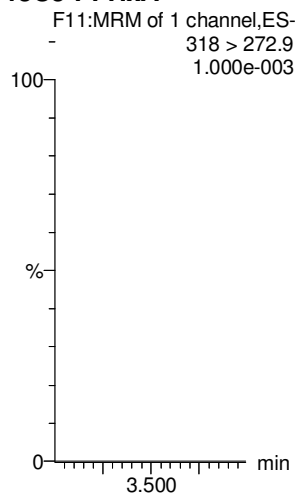
Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

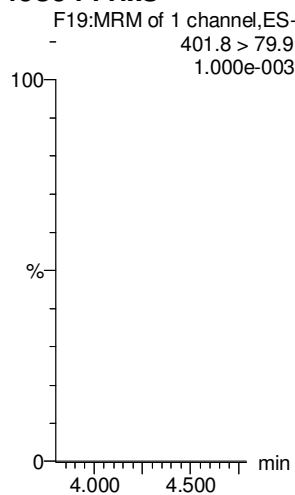
13C4-PFBA



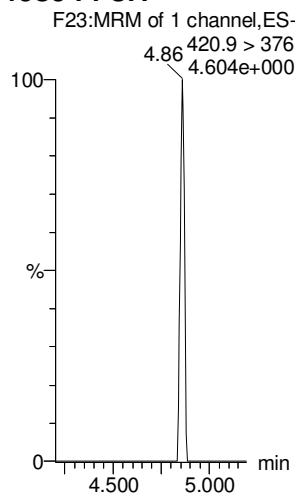
13C5-PFHxA



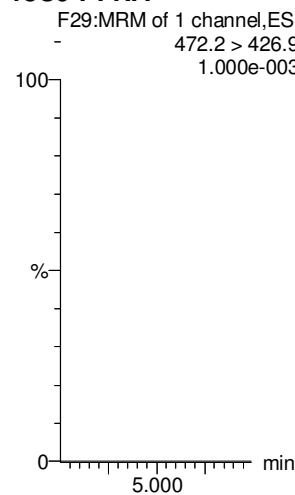
13C3-PFHxS



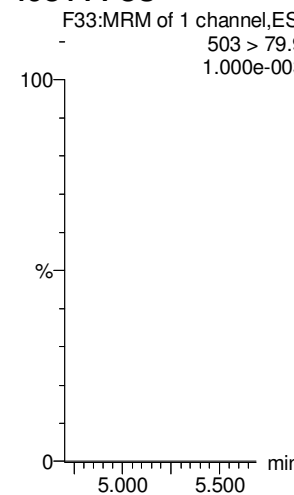
13C8-PFOA



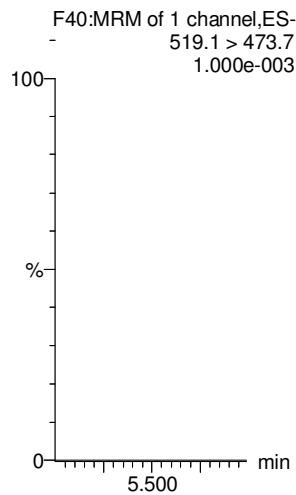
13C9-PFNA



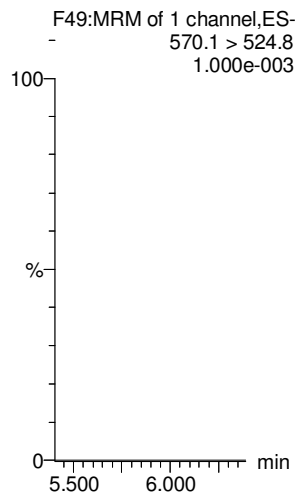
13C4-PFOS



13C6-PFDA



13C7-PFUdA



LC Calibration Standards Review Checklist

Q4

Calibration ID:		ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	
ST181026M2-11	L M H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-12	L M H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-13	L M H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-14	L M H	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	L M H	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

~~NA~~

- Run Log Present:
- # of Samples per Sequence Checked:
- Instrument Blank Saved:
- IIS Area Saved:
- Reviewed By: CAH 10/28/18
Initials/Date

Full Mass Cal. Date: 10/23/18

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-31.qld

Last Altered: Saturday, October 27, 2018 14:16:53 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

Name: 181026M2_31, Date: 26-Oct-2018, Time: 21:04:58, ID: ST181026M2-11 PFC CS3 18J1820, Description: PFC CS3 18J1820

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	6265.958	6408.708	1.00	1.43	12.222	10.1	100.6	NO		
2	2 PFPeA	263.1 > 218.9	5803.084	7321.213	1.00	2.67	9.908	10.2	101.6	NO		
3	3 PFBS	299.0 > 79.7	1708.102	1079.528	1.00	2.98	19.778	10.0	100.2	NO	2.632	NO
4	4 4:2 FTS	327.2>307.2	1514.357	1579.432	1.00	3.45	11.985	11.3	113.1	NO	1.483	NO
5	5 PFHxA	313 > 269	9559.920	5215.777	1.00	3.53	9.164	10.1	100.5	NO	14.102	NO
6	6 PFPeS	349.1>80.1	1589.887	1079.528	1.00	3.74	18.410	10.2	101.8	NO	1.619	NO
7	36 13C3-PFBA	216.1 > 171.8	6408.708	8778.882	1.00	1.43	9.125	12.3	98.5	NO		
8	37 13C3-PFPeA	266. > 221.8	7321.213	12657.286	1.00	2.67	7.230	11.9	95.3	NO		
9	38 13C3-PFBS	302. > 98.8	1079.528	2251.923	1.00	2.98	5.992	12.1	96.7	NO		
10	39 13C2-4:2 FTS	329.2>308.9	1579.432	2251.923	1.00	3.44	8.767	10.6	85.2	NO		
11	40 13C2-PFHxA	315 > 270	5215.777	12657.286	1.00	3.53	5.151	5.0	99.5	NO		
12	38 13C3-PFBS	302. > 98.8	1079.528	2251.923	1.00	2.98	5.992	12.1	96.7	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	1502.335	1386.352	1.00	4.58	13.546	10.1	100.9	NO	2.749	NO
15	7 PFHpA	363.0 > 318.9	6530.169	6091.716	1.00	4.17	13.400	9.7	96.9	NO	10.767	NO
16	8 L-PFHxS	398.9 > 79.6	1241.245	869.139	1.00	4.29	17.852	10.6	106.1	NO	1.508	NO
17	11 L-PFOA	412.8 > 368.9	12642.450	10404.463	1.00	4.64	15.189	10.1	101.1	NO	3.465	NO
18	13 PFHpS	449 > 80.0	1670.468	2349.208	1.00	4.74	8.888	9.6	95.6	NO	1.883	NO
19	14 PFNA	463.0 > 418.8	8773.166	9452.387	1.00	5.07	11.602	9.4	94.1	NO	3.665	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	1386.352	2171.629	1.00	4.59	7.980	11.1	89.2	NO		
21	41 13C4-PFHpA	367.2 > 321.8	6091.716	12657.286	1.00	4.16	6.016	12.2	97.3	NO		
22	42 18O2-PFHxS	403.0 > 102.6	869.139	2251.923	1.00	4.29	4.824	11.9	95.5	NO		
23	44 13C2-PFOA	414.9 > 369.7	10404.463	15571.133	1.00	4.64	8.352	12.1	96.7	NO		
24	47 13C8-PFOS	507.0 > 79.9	2349.208	2171.629	1.00	5.14	13.522	13.0	103.7	NO		
25	45 13C5-PFNA	468.2 > 422.9	9452.387	9709.205	1.00	5.07	12.169	12.2	97.7	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	2588.835	2610.527	1.00	5.11	12.396	11.0	109.9	NO	26.891	NO
28	16 L-PFOS	498.9 > 79.9	1842.913	2349.208	1.00	5.15	9.806	9.3	93.2	NO	1.866	NO
29	18 PFDA	513 > 468.8	9903.439	8274.358	1.00	5.43	14.961	10.8	108.2	NO	5.913	NO
30	19 8:2 FTS	527 > 506.9	1340.497	1089.624	1.00	5.41	15.378	10.8	107.9	NO	2.132	NO
31	20 PFNS	549.1 > 80.1	1308.192	2349.208	1.00	5.49	6.961	9.2	92.4	NO	1.595	NO
32	21 L-MeFOSAA	570 > 419	4021.383	1811.801	1.00	5.58	27.744	10.3	102.9	NO	2.438	NO
33	46 13C8-PFOSA	506.1 > 77.7	2610.527	12413.958	1.00	5.10	2.629	12.0	96.2	NO		
34	47 13C8-PFOS	507.0 > 79.9	2349.208	2171.629	1.00	5.14	13.522	13.0	103.7	NO		
35	48 13C2-PFDA	515.1 > 469.9	8274.358	8643.165	1.00	5.43	11.967	12.0	96.4	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	1089.624	2171.629	1.00	5.41	6.272	10.9	87.2	NO		

✓ Call
10/28/18

✓ Call
10/27/18

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-31.qld

Last Altered: Saturday, October 27, 2018 14:16:53 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

Name: 181026M2_31, Date: 26-Oct-2018, Time: 21:04:58, ID: ST181026M2-11 PFC CS3 18J1820, Description: PFC CS3 18J1820

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	2349.208	2171.629	1.00	5.14	13.522	13.0	103.7	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	1811.801	12413.958	1.00	5.58	1.824	11.9	95.3	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	3488.538	2978.687	1.00	5.73	14.640	10.0	99.5	NO	1.386	NO
41	27 PFDaA	612.9 > 569.0	12617.268	10845.731	1.00	6.02	14.542	10.3	102.6	NO	9.208	NO
42	26 PFDS	598.8 > 79.9	1953.123	2349.208	1.00	5.79	10.392	9.9	99.3	NO	1.843	NO
43	25 PFUdA	563.0 > 518.9	8790.073	11015.843	1.00	5.75	9.974	10.1	100.7	NO	9.040	NO
44	28 N-MeFOSA	512.1 > 168.9	3551.860	9605.867	1.00	5.97	55.464	51.5	103.0	NO	1.493	NO
45	29 PFTrDA	662.9 > 618.9	14603.413	10845.731	1.00	6.26	16.831	10.2	102.3	NO	23.406	NO
46	52 d5-N-EtFOSAA	589.3 > 419	2978.687	12413.958	1.00	5.73	2.999	13.4	107.2	NO		
47	53 13C2-PFDaA	615.0 > 569.7	10845.731	8643.165	1.00	6.02	15.685	11.5	92.3	NO		
48	47 13C8-PFOS	507.0 > 79.9	2349.208	2171.629	1.00	5.14	13.522	13.0	103.7	NO		
49	51 13C2-PFUdA	565 > 519.8	11015.843	12413.958	1.00	5.75	11.092	11.7	93.9	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	9605.867	12413.958	1.00	6.01	9.672	140.1	93.4	NO		
51	53 13C2-PFDaA	615.0 > 569.7	10845.731	8643.165	1.00	6.02	15.685	11.5	92.3	NO		
52	-1											
53	30 PFTeDA	713.0 > 669.0	14350.110	9876.528	1.00	6.47	18.162	10.4	104.2	NO	12.296	NO
54	31 N-EtFOSA	526.1 > 168.9	4944.519	17554.883	1.00	6.41	42.249	48.7	97.4	NO	1.581	NO
55	32 PFHxDA	813.1 > 768.6	5435.690	5381.879	1.00	6.80	5.050	9.7	97.0	NO	15.492	NO
56	33 PFODA	913.1 > 868.8	9669.006	5381.879	1.00	7.02	8.983	10.5	105.3	NO		
57	34 N-MeFOSE	616.1 > 58.9	3771.413	13291.024	1.00	6.63	42.563	46.2	92.5	NO		
58	35 N-EtFOSE	630.1 > 58.9	4544.413	12162.622	1.00	6.78	56.046	48.2	96.4	NO		
59	55 13C2-PFTeDA	715.1 > 669.7	9876.528	12413.958	1.00	6.47	9.945	12.5	99.8	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	17554.883	12413.958	1.00	6.43	17.677	157.3	104.9	NO		
61	57 13C2-PFHxDA	815 > 769.7	5381.879	12413.958	1.00	6.80	5.419	5.1	101.3	NO		
62	57 13C2-PFHxDA	815 > 769.7	5381.879	12413.958	1.00	6.80	5.419	5.1	101.3	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	13291.024	12413.958	1.00	6.62	13.383	152.1	101.4	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	12162.622	12413.958	1.00	6.77	12.247	152.5	101.6	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	8778.882	8778.882	1.00	1.43	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	12657.286	12657.286	1.00	3.53	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	2251.923	2251.923	1.00	4.29	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	15571.133	15571.133	1.00	4.63	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	9709.205	9709.205	1.00	5.07	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	2171.629	2171.629	1.00	5.14	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	8643.165	8643.165	1.00	5.43	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-31.qld

Last Altered: Saturday, October 27, 2018 14:16:53 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

Name: 181026M2_31, Date: 26-Oct-2018, Time: 21:04:58, ID: ST181026M2-11 PFC CS3 18J1820, Description: PFC CS3 18J1820

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUDa	570.1 > 524.8	12413.958	12413.958	1.00	5.75	12.500	12.5	100.0		NO	

Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:20:16 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:20:27 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181026M2_1	IPA	26-Oct-18	15:46:42
2	2 181026M2_2	ST181026M2-1 PFC CS-2 18J1815	26-Oct-18	15:57:28
3	3 181026M2_3	ST181026M2-2 PFC CS-1 18J1816	26-Oct-18	16:08:06
4	4 181026M2_4	ST181026M2-3 PFC CS0 18J1817	26-Oct-18	16:18:39
5	5 181026M2_5	ST181026M2-4 PFC CS1 18J1818	26-Oct-18	16:29:18
6	6 181026M2_6	ST181026M2-5 PFC CS2 18J1819	26-Oct-18	16:39:50
7	7 181026M2_7	ST181026M2-6 PFC CS3 18J1820	26-Oct-18	16:50:28
8	8 181026M2_8	ST181026M2-7 PFC CS4 18J1821	26-Oct-18	17:01:00
9	9 181026M2_9	ST181026M2-8 PFC CS5 18J1822	26-Oct-18	17:11:39
10	10 181026M2_10	ST181026M2-9 PFC CS6 18J1823	26-Oct-18	17:22:17
11	11 181026M2_11	ST181026M2-10 PFC CS7 18J1824	26-Oct-18	17:32:50
12	12 181026M2_12	IPA	26-Oct-18	17:43:28
13	13 181026M2_13	ICV181026M2-1 PFC ICV 18J1825	26-Oct-18	17:54:09
14	14 181026M2_14	IPA	26-Oct-18	18:04:42
15	15 181026M2_15	1803360-17 REEPIN688 0.12155	26-Oct-18	18:15:20
16	16 181026M2_16	B8J0115-BLK1 Method Blank 0.25	26-Oct-18	18:25:54
17	17 181026M2_17	1803286-04 OC-RW03-1018 0.11784	26-Oct-18	18:36:32
18	18 181026M2_18	1803286-05 OC-FB03-1018 0.11738	26-Oct-18	18:47:05
19	19 181026M2_19	B8J0056-BS1 OPR 0.125	26-Oct-18	18:57:43
20	20 181026M2_20	B8J0056-BLK1 Method Blank 0.125	26-Oct-18	19:08:21
21	21 181026M2_21	1803211-01 204 Bond Rd 0.11986	26-Oct-18	19:18:54
22	22 181026M2_22	1803211-02 218 Bond Rd 0.12224	26-Oct-18	19:29:32
23	23 181026M2_23	1803211-03 Bond FRB 0.12394	26-Oct-18	19:40:06
24	24 181026M2_24	1803211-04 174 Bond Rd 0.11874	26-Oct-18	19:50:43
25	25 181026M2_25	1803211-05 179 Bond Rd 0.12261	26-Oct-18	20:01:17
26	26 181026M2_26	1803211-06 189 Bond Rd 0.11788	26-Oct-18	20:11:55
27	27 181026M2_27	1803211-07 230 Bond Rd 0.12386	26-Oct-18	20:22:27
28	28 181026M2_28	1803211-08 13 Phinney Rd 0.12127	26-Oct-18	20:33:06
29	29 181026M2_29	1803211-09 245 Bond Rd 0.1216	26-Oct-18	20:43:47
30	30 181026M2_30	IPA	26-Oct-18	20:54:20
31	31 181026M2_31	ST181026M2-11 PFC CS3 18J1820	26-Oct-18	21:04:58
32	32 181026M2_32	1803211-10 Bond DUP 0.12187	26-Oct-18	21:15:31

Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:20:16 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 14:20:27 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 181026M2_33	B8J0170-BS1 OPR 0.125	26-Oct-18	21:26:10
34	34 181026M2_34	B8J0170-BLK1 Method Blank 0.125	26-Oct-18	21:36:42
35	35 181026M2_35	1803370-01 WTV-Bentomat 0.12093	26-Oct-18	21:47:21
36	36 181026M2_36	1803197-05@10X WIN1810011355JLB 0.26485	26-Oct-18	21:57:59
37	37 181026M2_37	1803197-06@5X WIN1810011430JLB 0.26359	26-Oct-18	22:08:32
38	38 181026M2_38	1803203-01 DPH-EX4 0.12139	26-Oct-18	22:19:11
39	39 181026M2_39	1803203-02 DPH-IRELAND 0.12091	26-Oct-18	22:29:49
40	40 181026M2_40	1803203-03 DPH-#1 0.12727	26-Oct-18	22:40:22
41	41 181026M2_41	1803210-01 Bemidji Pilot Apr2 lead 0.26748	26-Oct-18	22:51:01
42	42 181026M2_42	1803210-02 Bemidji Pilot Psr2 lead 0.27123	26-Oct-18	23:01:39
43	43 181026M2_43	1803210-03 Bemidji Pilot Apr2 lag 0.27173	26-Oct-18	23:12:11
44	44 181026M2_44	IPA	26-Oct-18	23:22:50
45	45 181026M2_45	ST181026M2-12 PFC CS3 18J1820	26-Oct-18	23:33:28
46	46 181026M2_46	1803210-04 Bemidji Pilot Psr2 lag 0.278	26-Oct-18	23:44:02
47	47 181026M2_47	B8J0111-BS1 OPR 0.25	26-Oct-18	23:54:40
48	48 181026M2_48	B8J0111-BLK1 Method Blank 0.25	27-Oct-18	00:05:12
49	49 181026M2_49	1803224-02 SW1809270900KE 0.25481	27-Oct-18	00:15:50
50	50 181026M2_50	1803224-04 SW1809270920MK 0.26136	27-Oct-18	00:26:23
51	51 181026M2_51	1803224-06 SW1809270945MK 0.25643	27-Oct-18	00:37:02
52	52 181026M2_52	1803224-08 SW1809271000MK 0.20743	27-Oct-18	00:47:40
53	53 181026M2_53	B8J0055-BS1 OPR 0.25	27-Oct-18	00:58:12
54	54 181026M2_54	B8J0055-BLK1 Method Blank 0.25	27-Oct-18	01:08:51
55	55 181026M2_55	1803224-01 FM1809270855KE 0.03198	27-Oct-18	01:19:24
56	56 181026M2_56	1803224-03 FM1809270915MK 0.02745	27-Oct-18	01:30:02
57	57 181026M2_57	1803224-05 FM1809270940MK 0.05739	27-Oct-18	01:40:40
58	58 181026M2_58	1803224-07 FM1809270955MK 0.02587	27-Oct-18	01:51:14
59	59 181026M2_59	B8J0139-BLK1 Method Blank 3	27-Oct-18	02:01:52
60	60 181026M2_60	B8J0139-BS1 OPR 3	27-Oct-18	02:12:24
61	61 181026M2_61	B8J0139-BS2 OPR 3	27-Oct-18	02:23:03
62	62 181026M2_62	B8J0139-BS3 OPR 3	27-Oct-18	02:33:35
63	63 181026M2_63	B8J0139-BS4 OPR 3	27-Oct-18	02:44:14
64	64 181026M2_64	B8J0127-BS1 OPR 0.125	27-Oct-18	02:54:46
65	65 181026M2_65	B8J0127-BLK1 Method Blank 0.125	27-Oct-18	03:05:25
66	66 181026M2_66	1803311-01 DW-1 0.11189	27-Oct-18	03:15:57
67	67 181026M2_67	IPA	27-Oct-18	03:26:36
68	68 181026M2_68	ST181026M2-13 PFC CS3 18J1820	27-Oct-18	03:37:14

Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:20:16 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:20:27 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
69	69 181026M2_69	1803311-02 SW-1 0.12504	27-Oct-18	03:47:47
70	70 181026M2_70	1803311-03 SW-2 0.12684	27-Oct-18	03:58:25
71	71 181026M2_71	1803311-04 Trip Blank - PFAS 0.12206	27-Oct-18	04:08:58
72	72 181026M2_72	1803311-05 Field Blank - PFAS 0.1226	27-Oct-18	04:19:37
73	73 181026M2_73	1803312-01 MW-5D 0.12566	27-Oct-18	04:30:09
74	74 181026M2_74	1803312-02 MW-8 0.12498	27-Oct-18	04:40:48
75	75 181026M2_75	1803312-03 DW-1 0.12465	27-Oct-18	04:51:21
76	76 181026M2_76	1803313-01 SH-3_20181009 0.12327	27-Oct-18	05:01:59
77	77 181026M2_77	1803313-02 Dup-1_20181009 0.12647	27-Oct-18	05:12:32
78	78 181026M2_78	1803313-03 B-4R_20181009 0.12609	27-Oct-18	05:23:10
79	79 181026M2_79	1803313-04 B-5_20181009 0.13002	27-Oct-18	05:33:42
80	80 181026M2_80	1803313-05 FB-01_20181009 0.12956	27-Oct-18	05:44:21
81	81 181026M2_81	1803314-01 BRW-6 0.12106	27-Oct-18	05:54:54
82	82 181026M2_82	IPA	27-Oct-18	06:05:32
83	83 181026M2_83	ST181026M2-14 PFC CS3 18J1820	27-Oct-18	06:16:13

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-31.qld

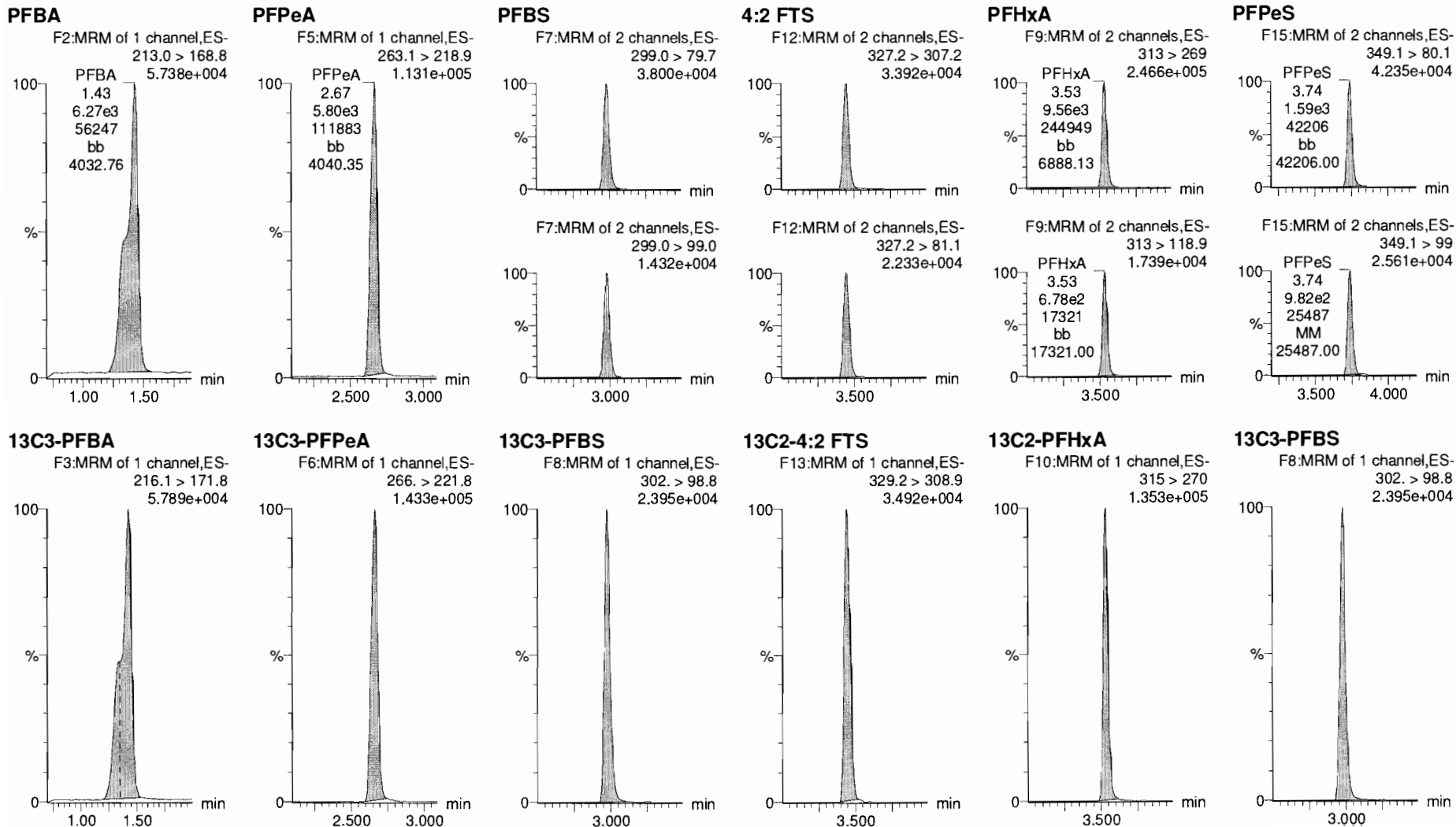
Last Altered: Saturday, October 27, 2018 14:16:53 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_31, Date: 26-Oct-2018, Time: 21:04:58, ID: ST181026M2-11 PFC CS3 18J1820, Description: PFC CS3 18J1820

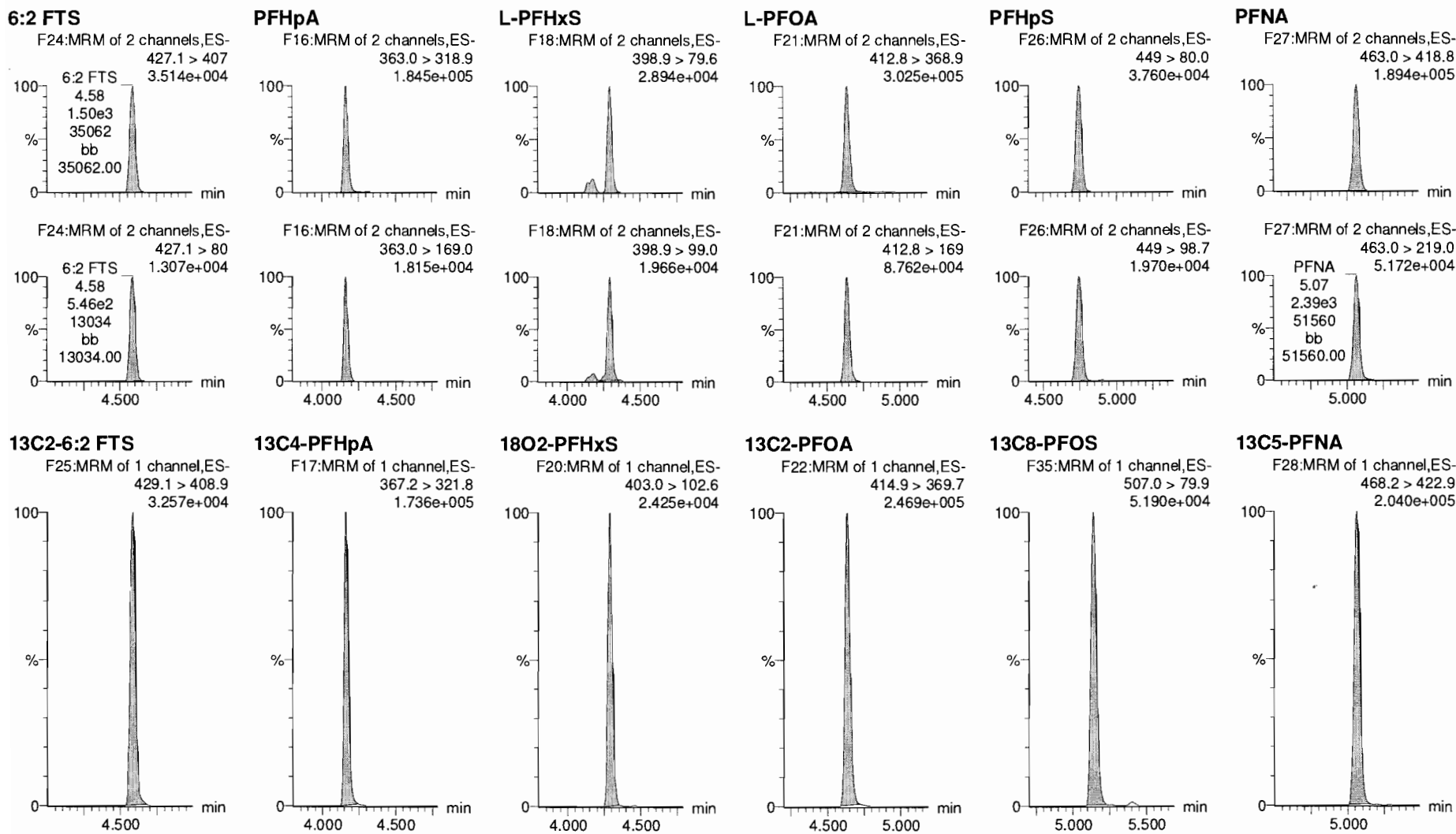


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Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

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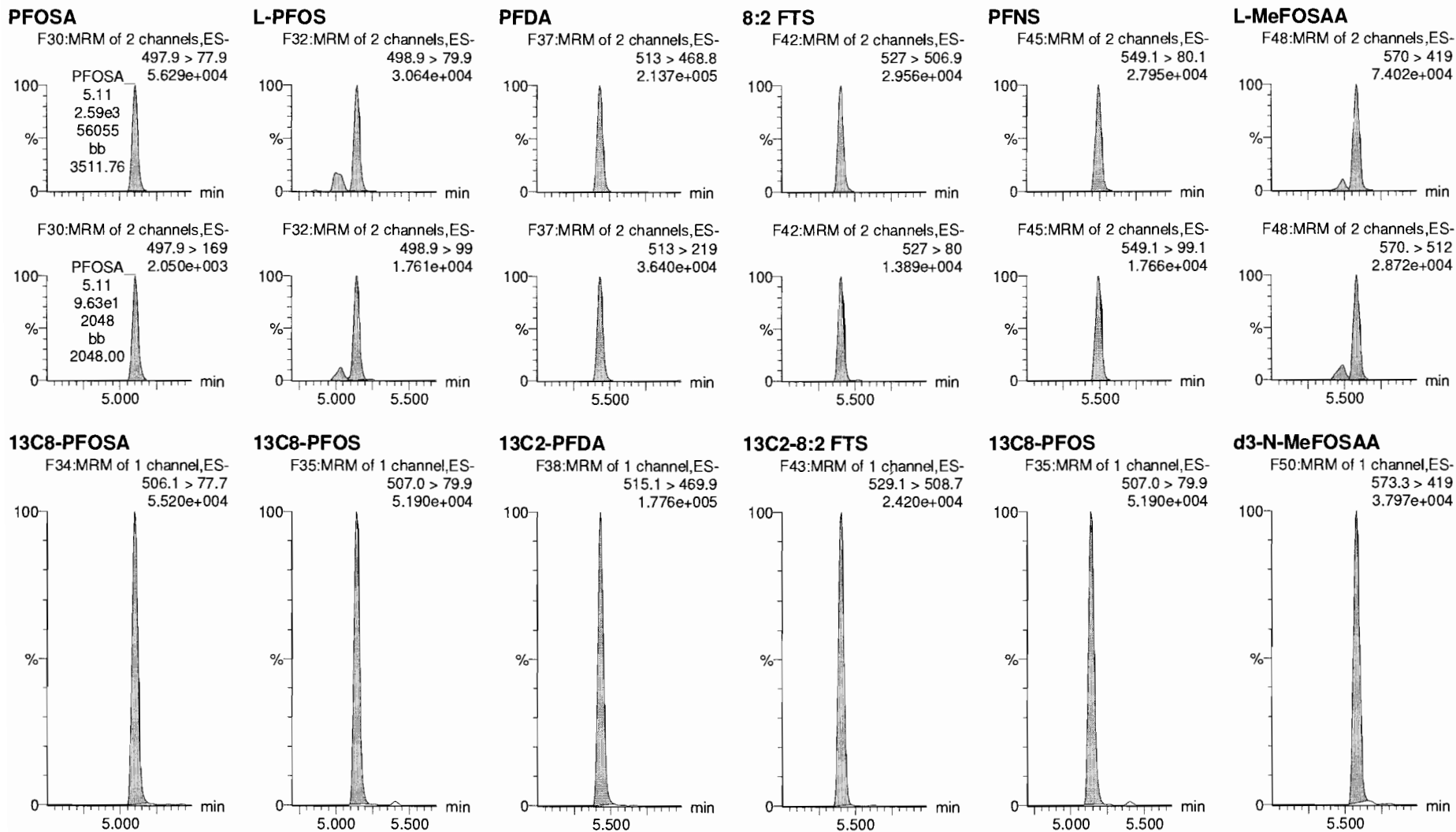


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Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

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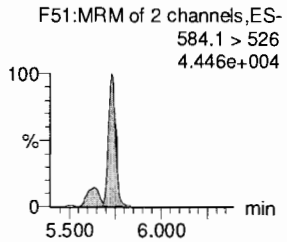
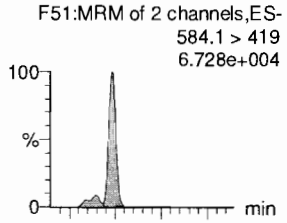


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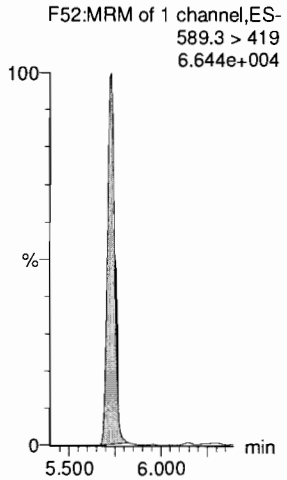
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Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

Name: 181026M2_31, Date: 26-Oct-2018, Time: 21:04:58, ID: ST181026M2-11 PFC CS3 18J1820, Description: PFC CS3 18J1820

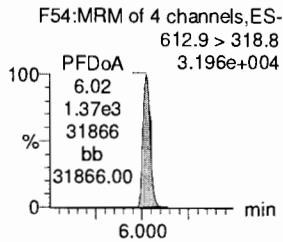
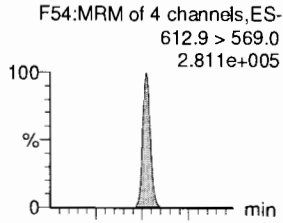
L-EtFOSAA



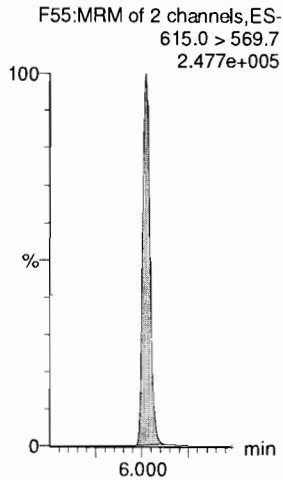
d5-N-EtFOSAA



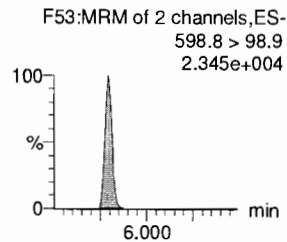
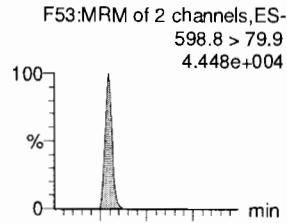
PFDaA



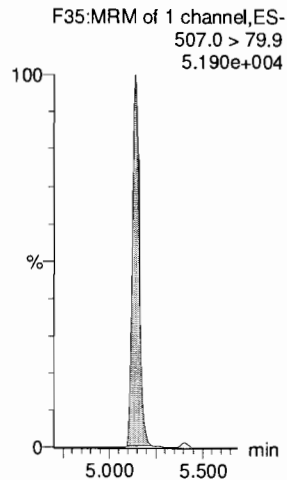
13C2-PFDaA



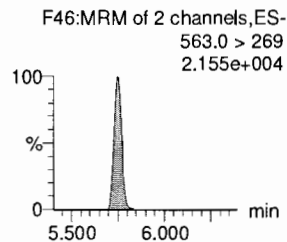
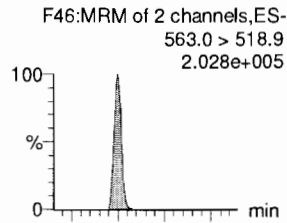
PFDS



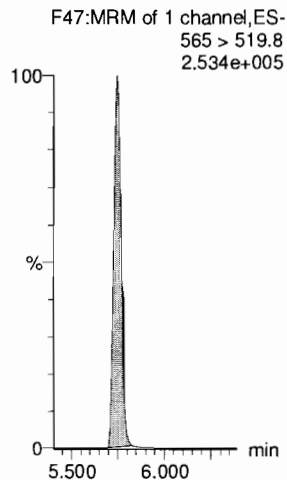
13C8-PFOS



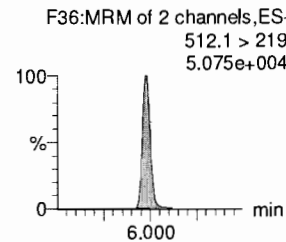
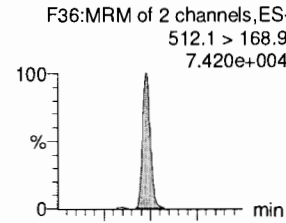
PFUdA



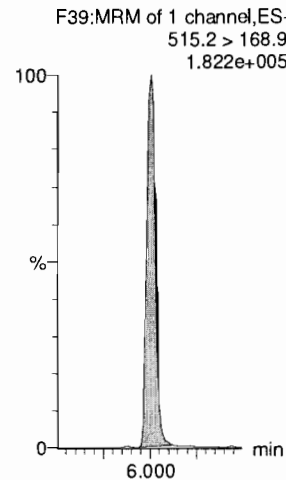
13C2-PFUdA



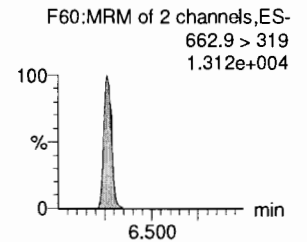
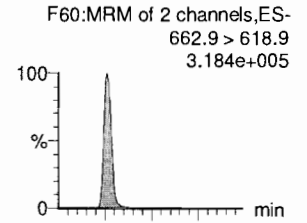
N-MeFOSA



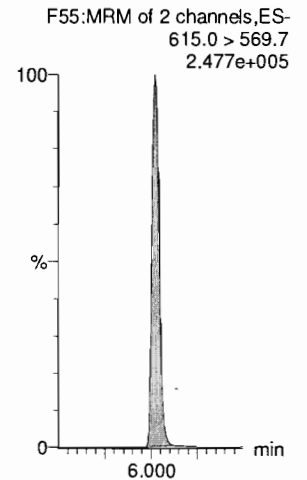
d3-N-MeFOSA



PFTrDA



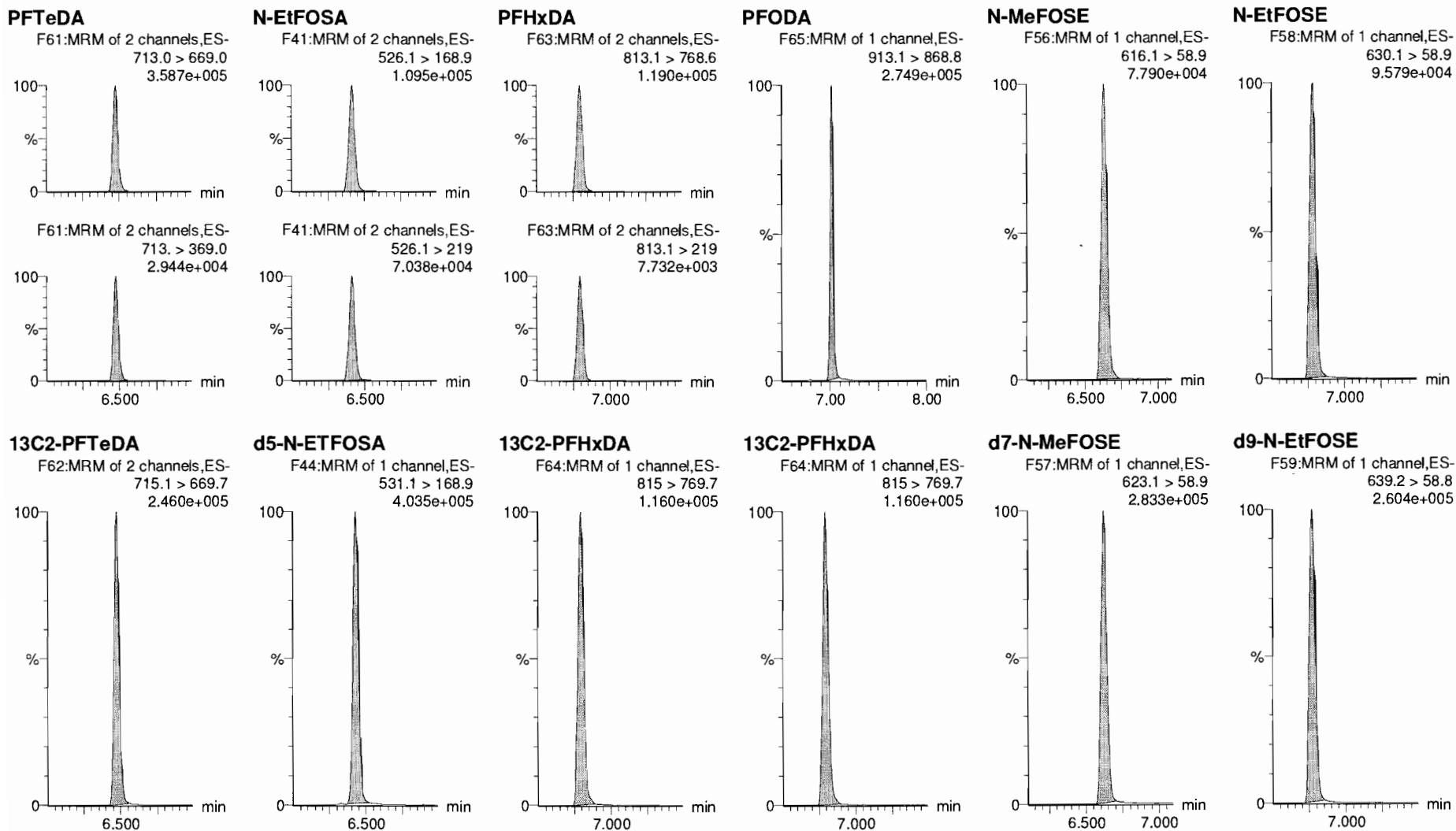
13C2-PFDaA



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-31.qld

Last Altered: Saturday, October 27, 2018 14:16:53 Pacific Daylight Time
Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

Name: 181026M2_31, Date: 26-Oct-2018, Time: 21:04:58, ID: ST181026M2-11 PFC CS3 18J1820, Description: PFC CS3 18J1820



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-31.qld

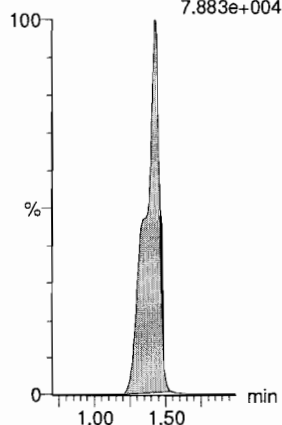
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Printed: Saturday, October 27, 2018 14:17:33 Pacific Daylight Time

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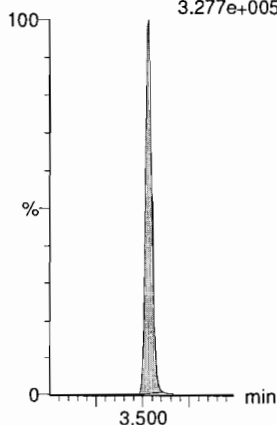
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.883e+004



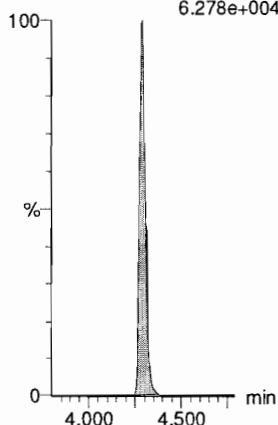
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
3.277e+005



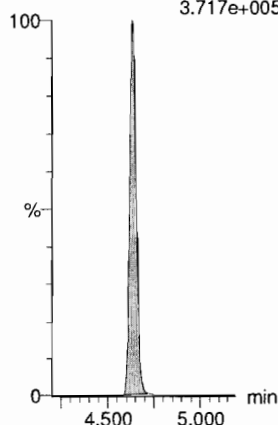
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
6.278e+004



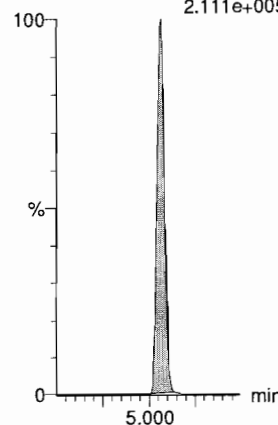
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.717e+005



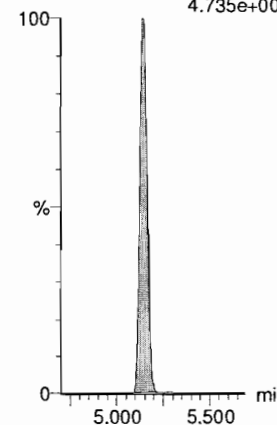
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
2.111e+005



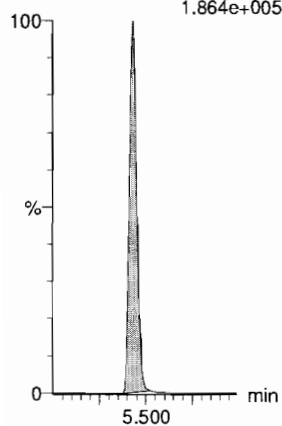
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.735e+004



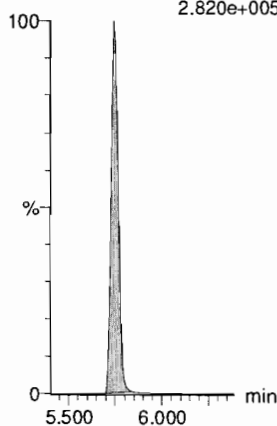
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.864e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.820e+005



Dataset: Untitled

Last Altered: Monday, October 29, 2018 14:18:51 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:20:14 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-10-23-18.mdb 24 Oct 2018 10:12:29

Calibration: 29 Oct 2018 14:18:51

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181029M1-1 PFC CS0 18J1817	1.47e4	100.0	NO
2	2 13C5-PFHxA	ST181029M1-1 PFC CS0 18J1817	2.66e4	100.0	NO
3	3 13C3-PFHxS	ST181029M1-1 PFC CS0 18J1817	3.60e3	100.0	NO
4	4 13C8-PFOA	ST181029M1-1 PFC CS0 18J1817	3.44e4	100.0	NO
5	5 13C9-PFNA	ST181029M1-1 PFC CS0 18J1817	2.31e4	100.0	NO
6	6 13C4-PFOS	ST181029M1-1 PFC CS0 18J1817	3.50e3	100.0	NO
7	7 13C6-PFDA	ST181029M1-1 PFC CS0 18J1817	2.80e4	100.0	NO
8	8 13C7-PFUDa	ST181029M1-1 PFC CS0 18J1817	3.20e4	100.0	NO

Name: 181029M1_3, Date: 29-Oct-2018, Time: 11:02:14, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 181029M1_4, Date: 29-Oct-2018, Time: 11:12:52, ID: 1803286-04 OC-RW03-1018 0.11784, Description: OC-RW03-1018

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803286-04 OC-RW03-1018 0.11784	1.71e4	116.1	NO
2	2 13C5-PFHxA	1803286-04 OC-RW03-1018 0.11784	2.40e4	90.2	NO
3	3 13C3-PFHxS	1803286-04 OC-RW03-1018 0.11784	4.97e3	138.0	NO
4	4 13C8-PFOA	1803286-04 OC-RW03-1018 0.11784	2.70e4	78.7	NO
5	5 13C9-PFNA	1803286-04 OC-RW03-1018 0.11784	1.82e4	78.8	NO
6	6 13C4-PFOS	1803286-04 OC-RW03-1018 0.11784	4.94e3	141.0	NO
7	7 13C6-PFDA	1803286-04 OC-RW03-1018 0.11784	2.34e4	83.5	NO
8	8 13C7-PFUDa	1803286-04 OC-RW03-1018 0.11784	3.02e4	94.5	NO

Name: 181029M1_5, Date: 29-Oct-2018, Time: 11:23:24, ID: B8J0114-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0114-BS1 OPR 0.25	2.15e4	146.0	NO
2	2 13C5-PFHxA	B8J0114-BS1 OPR 0.25	4.03e4	151.7	YES
3	3 13C3-PFHxS	B8J0114-BS1 OPR 0.25	5.71e3	158.6	YES
4	4 13C8-PFOA	B8J0114-BS1 OPR 0.25	5.10e4	148.6	NO
5	5 13C9-PFNA	B8J0114-BS1 OPR 0.25	3.47e4	149.9	NO
6	6 13C4-PFOS	B8J0114-BS1 OPR 0.25	5.76e3	164.6	YES
7	7 13C6-PFDA	B8J0114-BS1 OPR 0.25	4.27e4	152.7	YES
8	8 13C7-PFUDa	B8J0114-BS1 OPR 0.25	4.74e4	148.1	NO

Dataset: Untitled

Last Altered: Monday, October 29, 2018 14:18:51 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:20:14 Pacific Daylight Time

Name: 181029M1_6, Date: 29-Oct-2018, Time: 11:34:03, ID: B8J0114-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0114-BLK1 Method Blank 0.25	1.80e4	122.2	NO
2	2 13C5-PFHxA	B8J0114-BLK1 Method Blank 0.25	3.37e4	126.6	NO
3	3 13C3-PFHxS	B8J0114-BLK1 Method Blank 0.25	5.39e3	149.7	NO
4	4 13C8-PFOA	B8J0114-BLK1 Method Blank 0.25	4.52e4	131.7	NO
5	5 13C9-PFNA	B8J0114-BLK1 Method Blank 0.25	3.20e4	138.2	NO
6	6 13C4-PFOS	B8J0114-BLK1 Method Blank 0.25	5.23e3	149.4	NO
7	7 13C6-PFDA	B8J0114-BLK1 Method Blank 0.25	3.92e4	140.0	NO
8	8 13C7-PFUDa	B8J0114-BLK1 Method Blank 0.25	4.55e4	142.2	NO

Name: 181029M1_7, Date: 29-Oct-2018, Time: 11:44:41, ID: 1803244-01 DWLM-12 0.25242, Description: DWLM-12

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803244-01 DWLM-12 0.25242	2.07e4	140.5	NO
2	2 13C5-PFHxA	1803244-01 DWLM-12 0.25242	4.06e4	152.8	YES
3	3 13C3-PFHxS	1803244-01 DWLM-12 0.25242	5.96e3	165.4	YES
4	4 13C8-PFOA	1803244-01 DWLM-12 0.25242	5.44e4	158.3	YES
5	5 13C9-PFNA	1803244-01 DWLM-12 0.25242	3.77e4	162.8	YES
6	6 13C4-PFOS	1803244-01 DWLM-12 0.25242	6.01e3	171.6	YES
7	7 13C6-PFDA	1803244-01 DWLM-12 0.25242	4.59e4	163.8	YES
8	8 13C7-PFUDa	1803244-01 DWLM-12 0.25242	5.38e4	168.2	YES

Name: 181029M1_8, Date: 29-Oct-2018, Time: 11:55:15, ID: 1803244-03 RFB 0.12, Description: RFB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803244-03 RFB 0.12	2.46e4	167.2	YES
2	2 13C5-PFHxA	1803244-03 RFB 0.12	4.42e4	166.1	YES
3	3 13C3-PFHxS	1803244-03 RFB 0.12	6.28e3	174.3	YES
4	4 13C8-PFOA	1803244-03 RFB 0.12	5.81e4	169.0	YES
5	5 13C9-PFNA	1803244-03 RFB 0.12	3.98e4	172.1	YES
6	6 13C4-PFOS	1803244-03 RFB 0.12	6.21e3	177.4	YES
7	7 13C6-PFDA	1803244-03 RFB 0.12	4.63e4	165.5	YES
8	8 13C7-PFUDa	1803244-03 RFB 0.12	5.50e4	171.9	YES

Name: 181029M1_9, Date: 29-Oct-2018, Time: 12:05:53, ID: 1803296-01 MW-3 0.24138, Description: MW-3

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803296-01 MW-3 0.24138	2.42e4	164.5	YES
2	2 13C5-PFHxA	1803296-01 MW-3 0.24138	4.39e4	165.3	YES
3	3 13C3-PFHxS	1803296-01 MW-3 0.24138	6.30e3	174.8	YES
4	4 13C8-PFOA	1803296-01 MW-3 0.24138	5.74e4	167.1	YES
5	5 13C9-PFNA	1803296-01 MW-3 0.24138	3.81e4	164.6	YES
6	6 13C4-PFOS	1803296-01 MW-3 0.24138	6.06e3	173.1	YES
7	7 13C6-PFDA	1803296-01 MW-3 0.24138	4.68e4	167.1	YES
8	8 13C7-PFUDa	1803296-01 MW-3 0.24138	5.39e4	168.5	YES

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Last Altered: Monday, October 29, 2018 14:18:51 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:20:14 Pacific Daylight Time

Name: 181029M1_10, Date: 29-Oct-2018, Time: 12:16:32, ID: 1803296-02 Equipment Blank 0.24996, Description: Equipment Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803296-02 Equipment Blank 0.24996	2.25e4	153.1	YES
2	2 13C5-PFHxA	1803296-02 Equipment Blank 0.24996	4.03e4	151.5	YES
3	3 13C3-PFHxS	1803296-02 Equipment Blank 0.24996	5.58e3	154.9	YES
4	4 13C8-PFOA	1803296-02 Equipment Blank 0.24996	5.07e4	147.5	NO
5	5 13C9-PFNA	1803296-02 Equipment Blank 0.24996	3.34e4	144.2	NO
6	6 13C4-PFOS	1803296-02 Equipment Blank 0.24996	5.47e3	156.2	YES
7	7 13C6-PFDA	1803296-02 Equipment Blank 0.24996	4.26e4	152.4	YES
8	8 13C7-PFUDa	1803296-02 Equipment Blank 0.24996	4.84e4	151.2	YES

Name: 181029M1_11, Date: 29-Oct-2018, Time: 12:27:05, ID: B8J0093-BS1 OPR 1, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0093-BS1 OPR 1	1.26e4	85.9	NO
2	2 13C5-PFHxA	B8J0093-BS1 OPR 1	2.41e4	90.7	NO
3	3 13C3-PFHxS	B8J0093-BS1 OPR 1	4.07e3	112.9	NO
4	4 13C8-PFOA	B8J0093-BS1 OPR 1	3.27e4	95.1	NO
5	5 13C9-PFNA	B8J0093-BS1 OPR 1	2.31e4	99.8	NO
6	6 13C4-PFOS	B8J0093-BS1 OPR 1	3.96e3	113.0	NO
7	7 13C6-PFDA	B8J0093-BS1 OPR 1	2.92e4	104.4	NO
8	8 13C7-PFUDa	B8J0093-BS1 OPR 1	3.37e4	105.3	NO

Name: 181029M1_12, Date: 29-Oct-2018, Time: 12:37:43, ID: B8J0093-BLK1 Method Blank 1, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8J0093-BLK1 Method Blank 1	1.62e4	110.1	NO
2	2 13C5-PFHxA	B8J0093-BLK1 Method Blank 1	3.20e4	120.3	NO
3	3 13C3-PFHxS	B8J0093-BLK1 Method Blank 1	4.84e3	134.5	NO
4	4 13C8-PFOA	B8J0093-BLK1 Method Blank 1	4.25e4	123.7	NO
5	5 13C9-PFNA	B8J0093-BLK1 Method Blank 1	2.75e4	118.6	NO
6	6 13C4-PFOS	B8J0093-BLK1 Method Blank 1	4.49e3	128.3	NO
7	7 13C6-PFDA	B8J0093-BLK1 Method Blank 1	3.51e4	125.5	NO
8	8 13C7-PFUDa	B8J0093-BLK1 Method Blank 1	4.02e4	125.7	NO

Name: 181029M1_13, Date: 29-Oct-2018, Time: 12:48:15, ID: 1803260-01 SD1810041020JTM 1.19, Description: SD1810041020JTM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803260-01 SD1810041020JTM 1.19	1.29e4	87.8	NO
2	2 13C5-PFHxA	1803260-01 SD1810041020JTM 1.19	2.49e4	93.8	NO
3	3 13C3-PFHxS	1803260-01 SD1810041020JTM 1.19	3.92e3	109.0	NO
4	4 13C8-PFOA	1803260-01 SD1810041020JTM 1.19	3.38e4	98.5	NO
5	5 13C9-PFNA	1803260-01 SD1810041020JTM 1.19	2.34e4	100.9	NO
6	6 13C4-PFOS	1803260-01 SD1810041020JTM 1.19	4.09e3	116.7	NO
7	7 13C6-PFDA	1803260-01 SD1810041020JTM 1.19	2.94e4	105.1	NO
8	8 13C7-PFUDa	1803260-01 SD1810041020JTM 1.19	3.46e4	108.1	NO

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Printed: Monday, October 29, 2018 14:20:14 Pacific Daylight Time

Name: 181029M1_14, Date: 29-Oct-2018, Time: 12:58:54, ID: 1803260-02 SD1810041025JTM 1.2, Description: SD1810041025JTM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803260-02 SD1810041025JTM 1.2	1.25e4	85.0	NO
2	2 13C5-PFHxA	1803260-02 SD1810041025JTM 1.2	2.35e4	88.5	NO
3	3 13C3-PFHxS	1803260-02 SD1810041025JTM 1.2	3.63e3	100.7	NO
4	4 13C8-PFOA	1803260-02 SD1810041025JTM 1.2	3.09e4	89.9	NO
5	5 13C9-PFNA	1803260-02 SD1810041025JTM 1.2	2.14e4	92.4	NO
6	6 13C4-PFOS	1803260-02 SD1810041025JTM 1.2	3.51e3	100.4	NO
7	7 13C6-PFDA	1803260-02 SD1810041025JTM 1.2	2.66e4	95.1	NO
8	8 13C7-PFUDa	1803260-02 SD1810041025JTM 1.2	3.10e4	96.8	NO

Name: 181029M1_15, Date: 29-Oct-2018, Time: 13:09:27, ID: 1803260-03 SD1810041030JTM 1.17, Description: SD1810041030JTM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803260-03 SD1810041030JTM 1.17	1.55e4	105.4	NO
2	2 13C5-PFHxA	1803260-03 SD1810041030JTM 1.17	2.91e4	109.6	NO
3	3 13C3-PFHxS	1803260-03 SD1810041030JTM 1.17	4.28e3	118.8	NO
4	4 13C8-PFOA	1803260-03 SD1810041030JTM 1.17	3.83e4	111.5	NO
5	5 13C9-PFNA	1803260-03 SD1810041030JTM 1.17	2.61e4	112.8	NO
6	6 13C4-PFOS	1803260-03 SD1810041030JTM 1.17	4.31e3	123.1	NO
7	7 13C6-PFDA	1803260-03 SD1810041030JTM 1.17	3.16e4	112.7	NO
8	8 13C7-PFUDa	1803260-03 SD1810041030JTM 1.17	3.76e4	117.4	NO

Name: 181029M1_16, Date: 29-Oct-2018, Time: 13:20:06, ID: 1803260-04 SD1810041130JTM 1.26, Description: SD1810041130JTM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803260-04 SD1810041130JTM 1.26	1.68e4	114.5	NO
2	2 13C5-PFHxA	1803260-04 SD1810041130JTM 1.26	3.26e4	122.5	NO
3	3 13C3-PFHxS	1803260-04 SD1810041130JTM 1.26	5.21e3	144.6	NO
4	4 13C8-PFOA	1803260-04 SD1810041130JTM 1.26	4.46e4	129.9	NO
5	5 13C9-PFNA	1803260-04 SD1810041130JTM 1.26	3.07e4	132.8	NO
6	6 13C4-PFOS	1803260-04 SD1810041130JTM 1.26	5.15e3	147.1	NO
7	7 13C6-PFDA	1803260-04 SD1810041130JTM 1.26	3.74e4	133.7	NO
8	8 13C7-PFUDa	1803260-04 SD1810041130JTM 1.26	4.43e4	138.3	NO

Name: 181029M1_17, Date: 29-Oct-2018, Time: 13:30:39, ID: 1803260-05 SD1810041135JTM 1.78, Description: SD1810041135JTM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1803260-05 SD1810041135JTM 1.78	1.62e4	110.5	NO
2	2 13C5-PFHxA	1803260-05 SD1810041135JTM 1.78	3.08e4	115.7	NO
3	3 13C3-PFHxS	1803260-05 SD1810041135JTM 1.78	4.32e3	120.0	NO
4	4 13C8-PFOA	1803260-05 SD1810041135JTM 1.78	3.97e4	115.5	NO
5	5 13C9-PFNA	1803260-05 SD1810041135JTM 1.78	2.56e4	110.4	NO
6	6 13C4-PFOS	1803260-05 SD1810041135JTM 1.78	4.37e3	124.9	NO
7	7 13C6-PFDA	1803260-05 SD1810041135JTM 1.78	3.26e4	116.5	NO
8	8 13C7-PFUDa	1803260-05 SD1810041135JTM 1.78	3.60e4	112.4	NO

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Last Altered: Monday, October 29, 2018 14:18:51 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:20:14 Pacific Daylight Time

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	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST181029M1-2 PFC CS3 18J1820	1.45e4	98.8	NO
2	2 13C5-PFHxA	ST181029M1-2 PFC CS3 18J1820	2.81e4	105.6	NO
3	3 13C3-PFHxS	ST181029M1-2 PFC CS3 18J1820	3.59e3	99.7	NO
4	4 13C8-PFOA	ST181029M1-2 PFC CS3 18J1820	3.52e4	102.4	NO
5	5 13C9-PFNA	ST181029M1-2 PFC CS3 18J1820	2.33e4	100.8	NO
6	6 13C4-PFOS	ST181029M1-2 PFC CS3 18J1820	3.73e3	106.6	NO
7	7 13C6-PFDA	ST181029M1-2 PFC CS3 18J1820	2.82e4	100.6	NO
8	8 13C7-PFUDa	ST181029M1-2 PFC CS3 18J1820	3.30e4	103.0	NO

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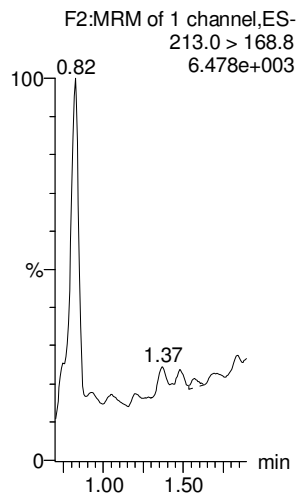
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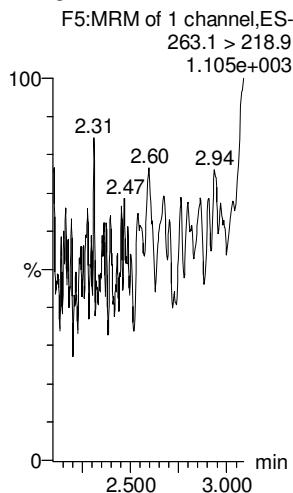
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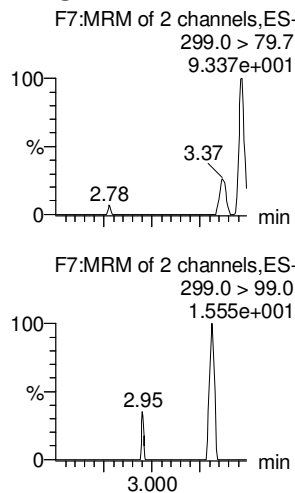
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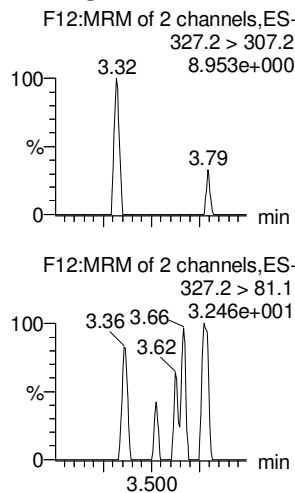
PFPeA



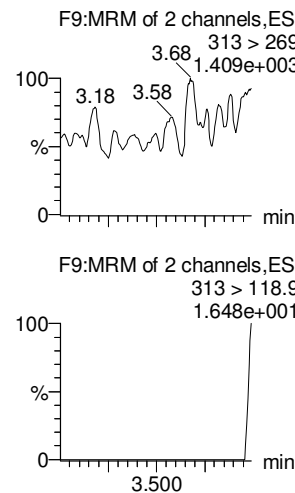
PFBS



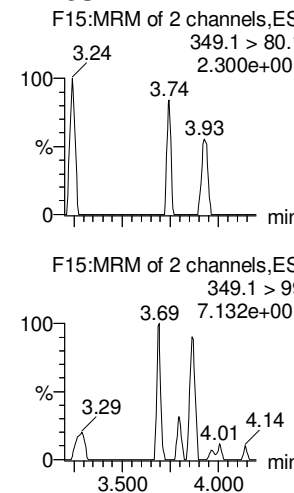
4:2 FTS



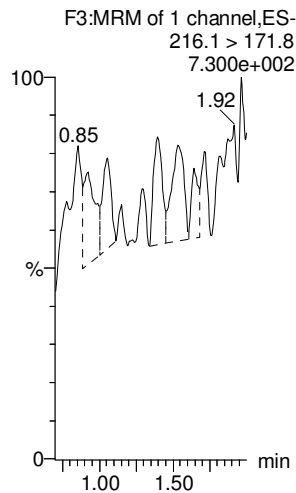
PFHxA



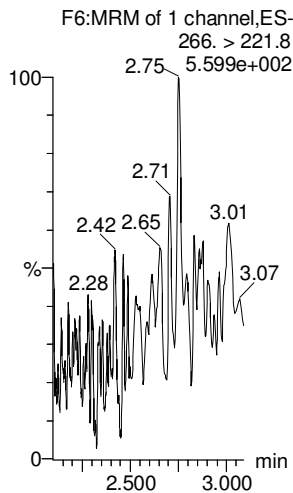
PFPeS



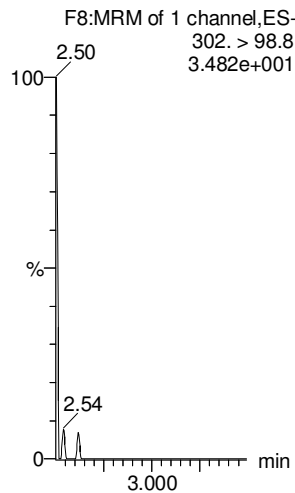
13C3-PFBA



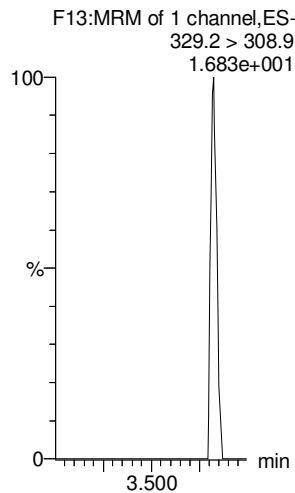
13C3-PFPeA



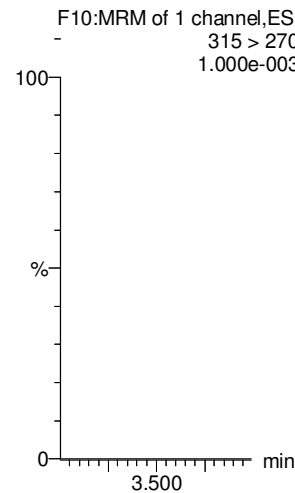
13C3-PFBS



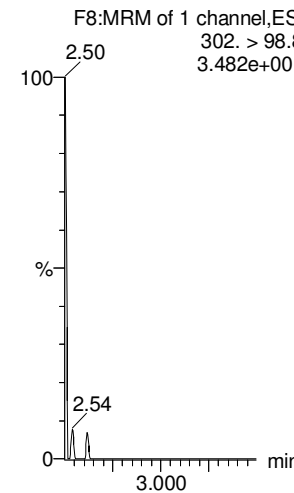
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



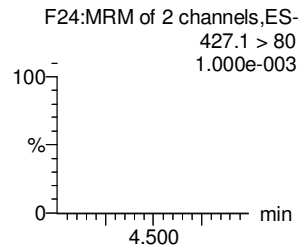
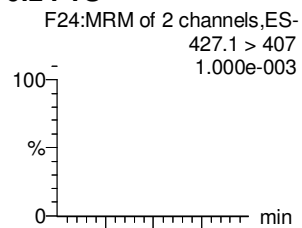
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Last Altered: Monday, October 29, 2018 14:16:56 Pacific Daylight Time

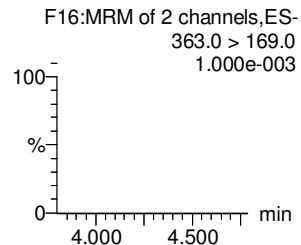
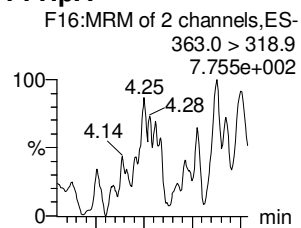
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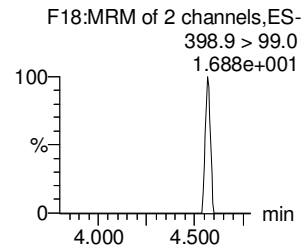
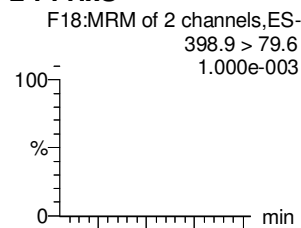
6:2 FTS



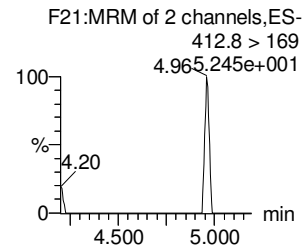
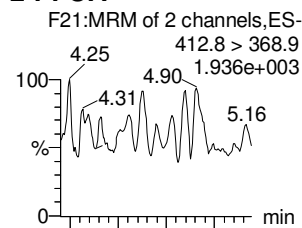
PFHpA



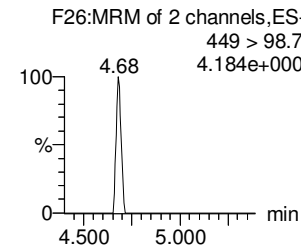
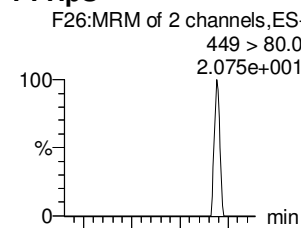
L-PFHxS



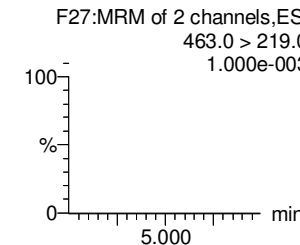
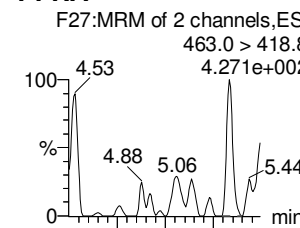
L-PFOA



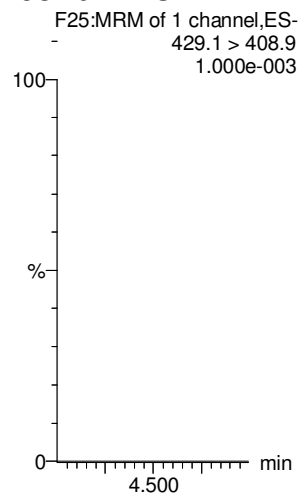
PFHpS



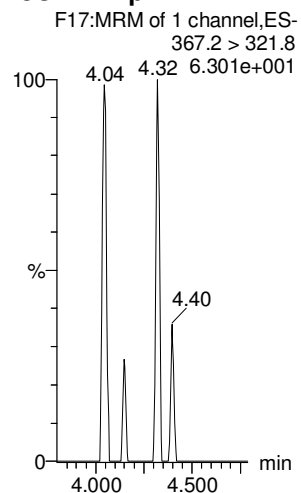
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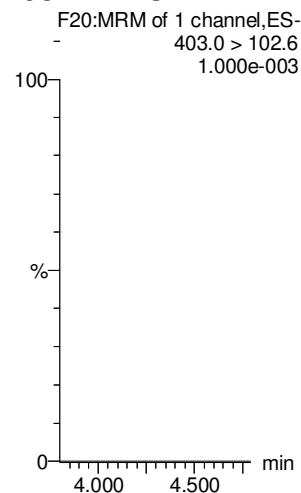
13C2-6:2 FTS



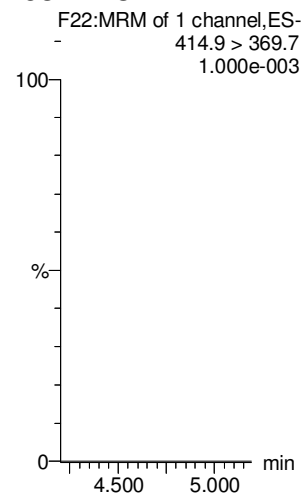
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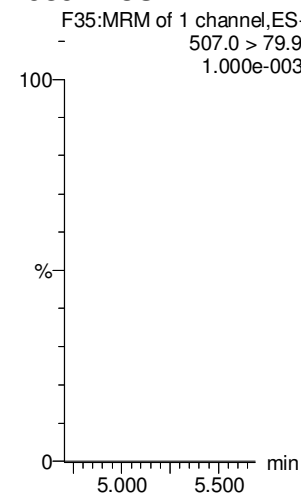
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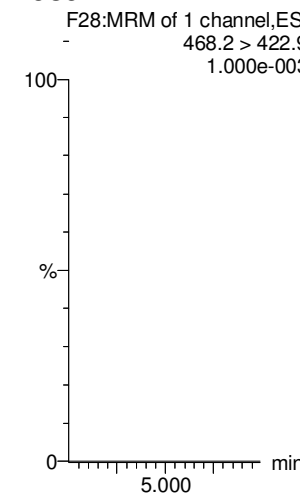
13C2-PFOA



13C8-PFOS



13C5-PFNA



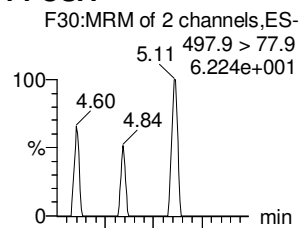
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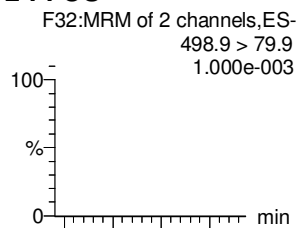
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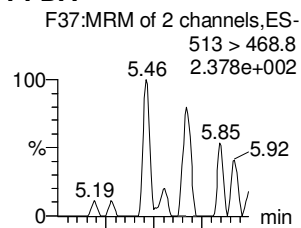
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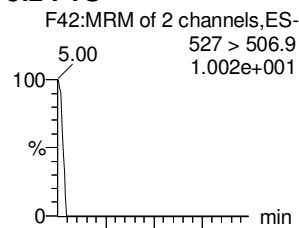
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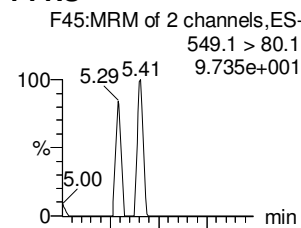
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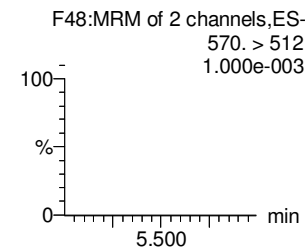
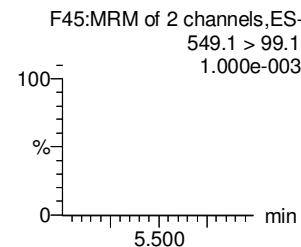
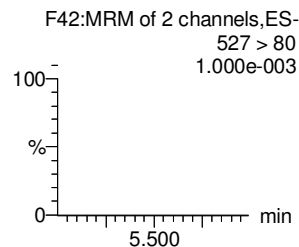
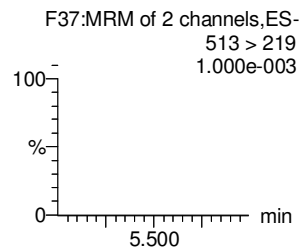
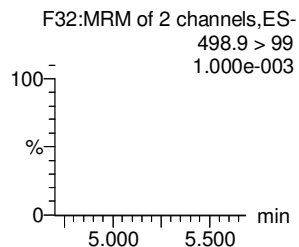
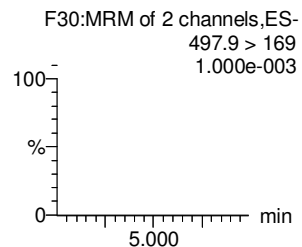
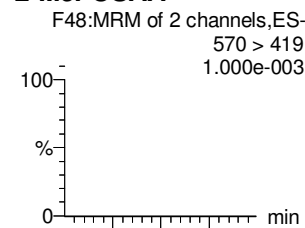
8:2 FTS



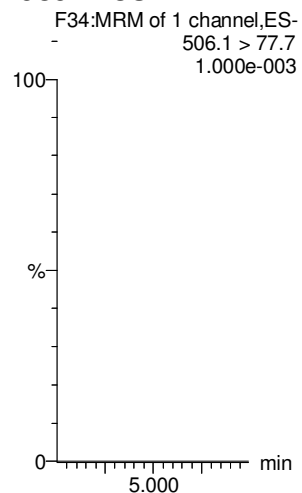
PFNS



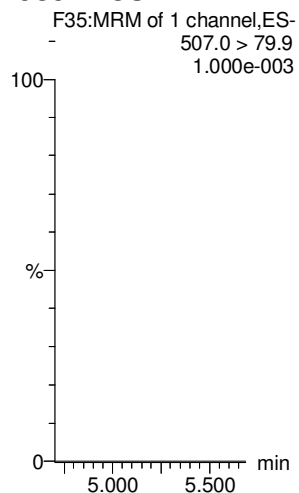
L-MeFOSAA



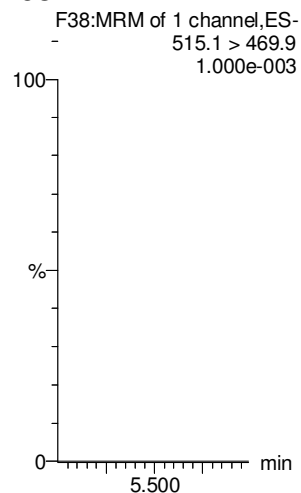
13C8-PFOSA



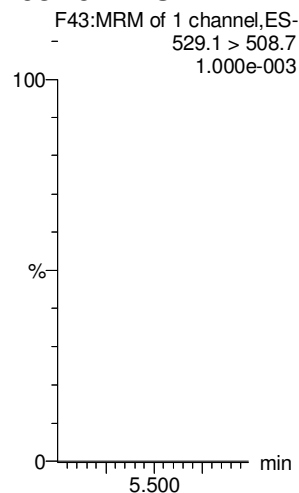
13C8-PFOS



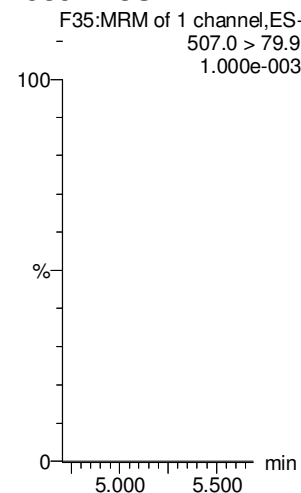
13C2-PFDA



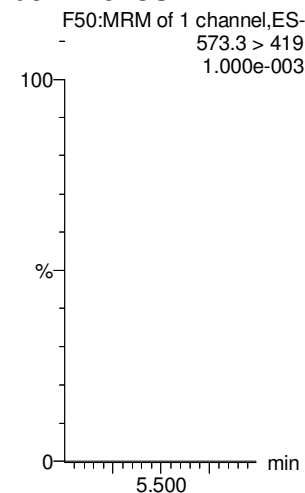
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



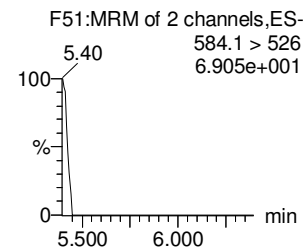
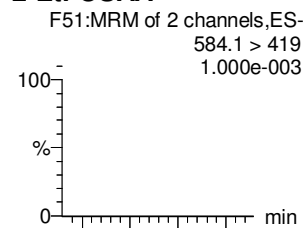
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Last Altered: Monday, October 29, 2018 14:16:56 Pacific Daylight Time

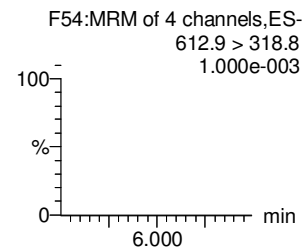
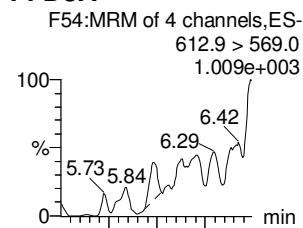
Printed: Monday, October 29, 2018 14:17:27 Pacific Daylight Time

Name: 181029M1_3, Date: 29-Oct-2018, Time: 11:02:14, ID: IPA, Description: IPA

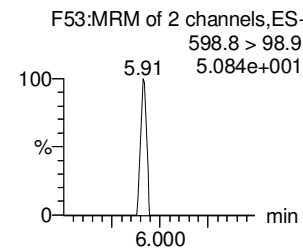
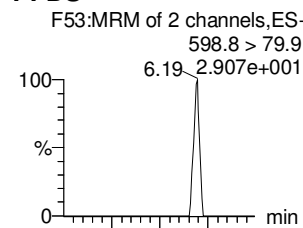
L-EtFOSAA



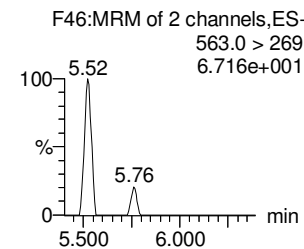
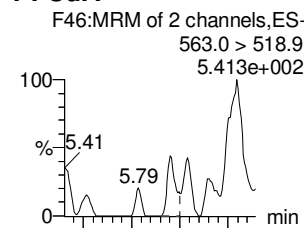
PFDoA



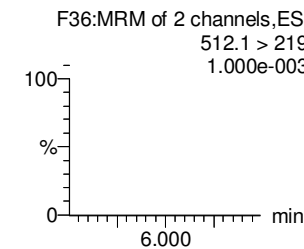
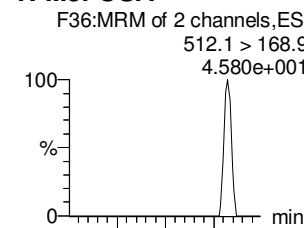
PFDS



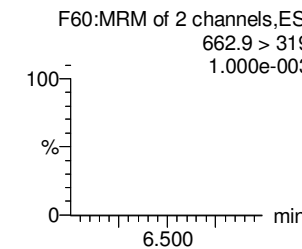
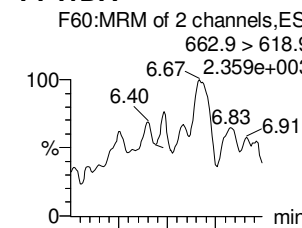
PFUdA



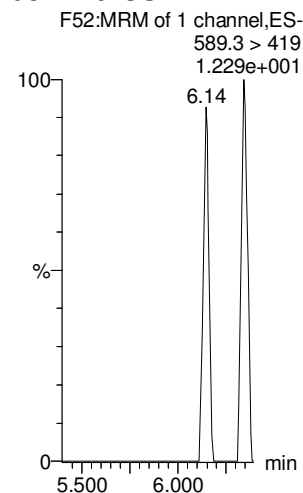
N-MeFOSA



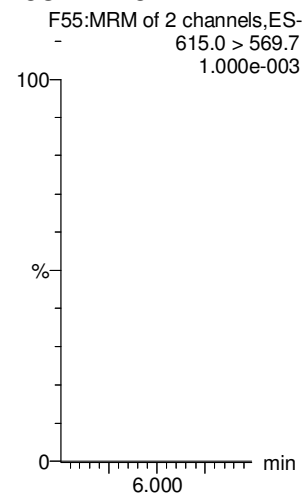
PFTrDA



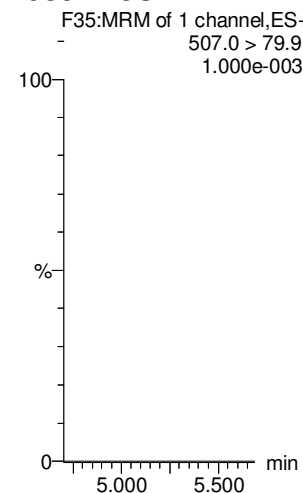
d5-N-EtFOSAA



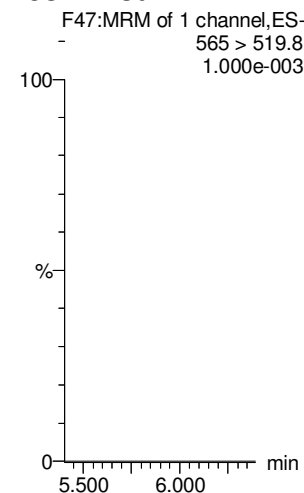
13C2-PFDoA



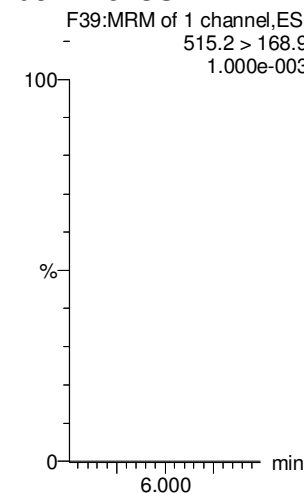
13C8-PFOS



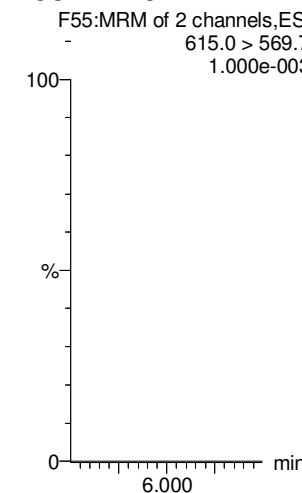
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



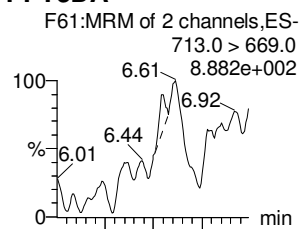
Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-IB.qld

Last Altered: Monday, October 29, 2018 14:16:56 Pacific Daylight Time

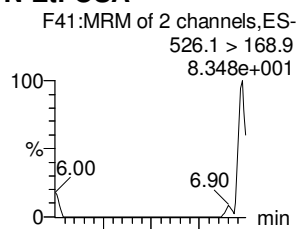
Printed: Monday, October 29, 2018 14:17:27 Pacific Daylight Time

Name: 181029M1_3, Date: 29-Oct-2018, Time: 11:02:14, ID: IPA, Description: IPA

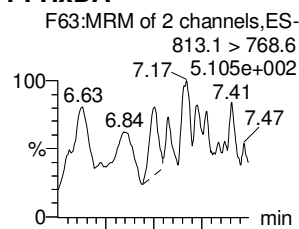
PFTeDA



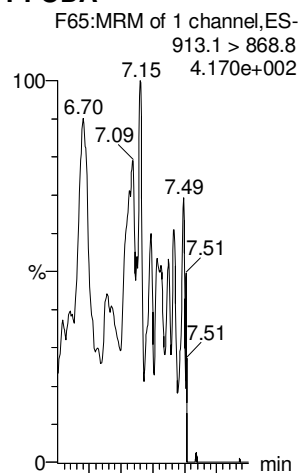
N-EtFOSA



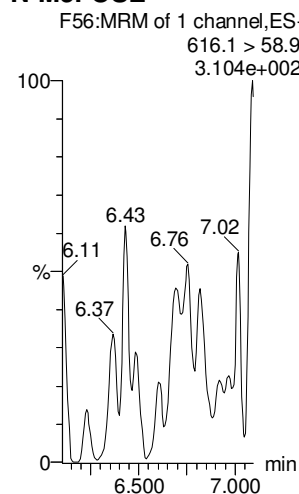
PFHxDA



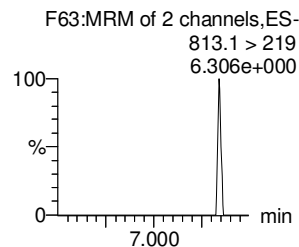
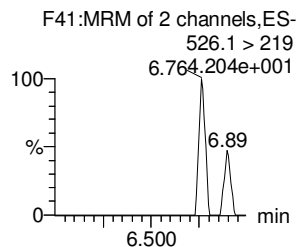
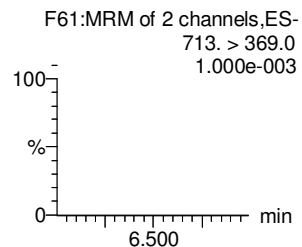
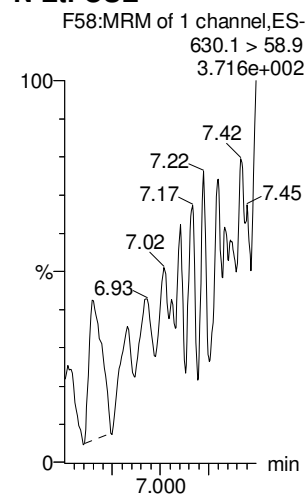
PFODA



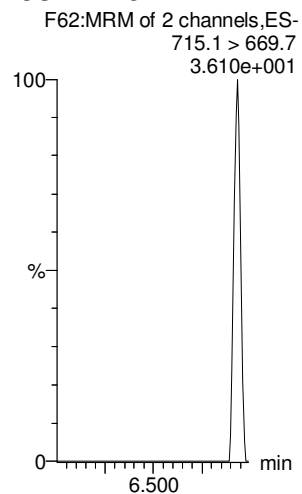
N-MeFOSE



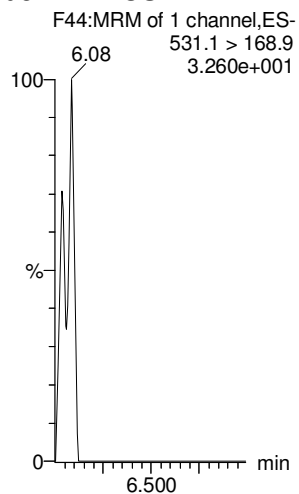
N-EtFOSE



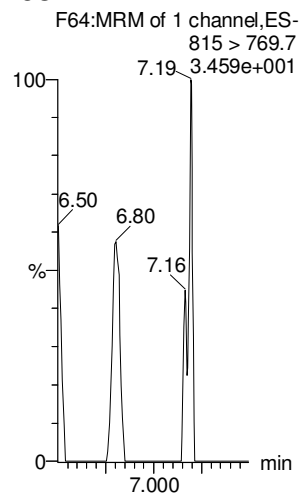
13C2-PFTeDA



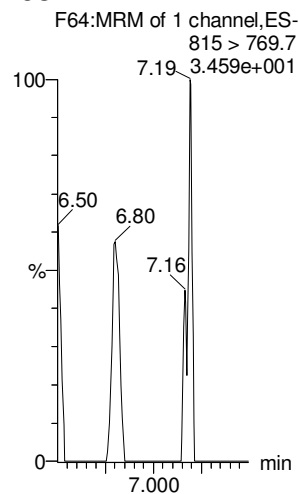
d5-N-ETFOSA



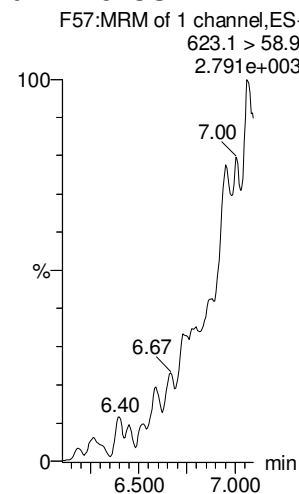
13C2-PFHxDA



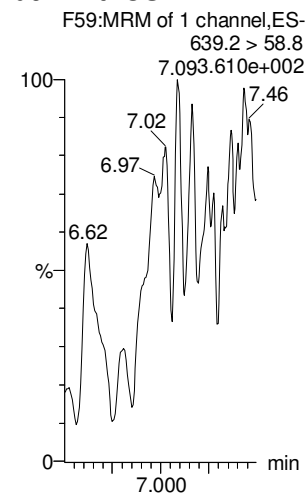
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



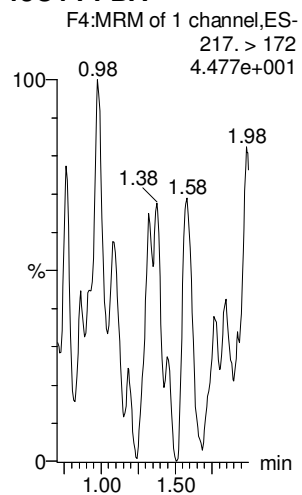
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Last Altered: Monday, October 29, 2018 14:16:56 Pacific Daylight Time

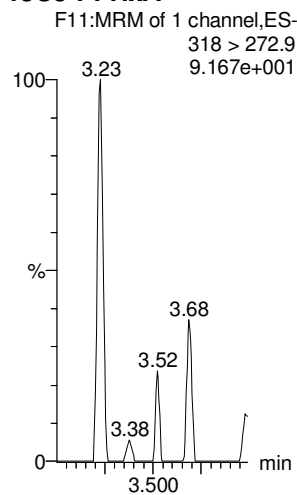
Printed: Monday, October 29, 2018 14:17:27 Pacific Daylight Time

Name: 181029M1_3, Date: 29-Oct-2018, Time: 11:02:14, ID: IPA, Description: IPA

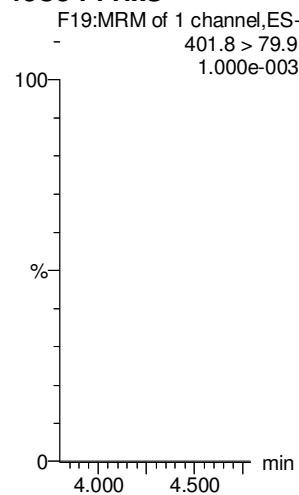
13C4-PFBA



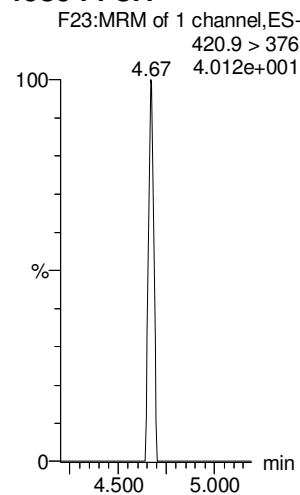
13C5-PFHxA



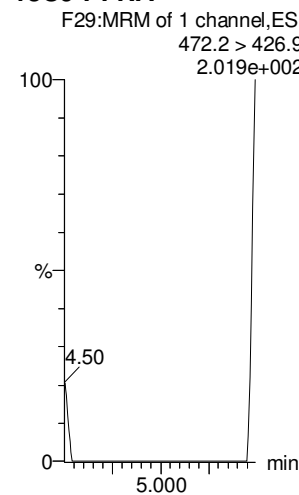
13C3-PFHxS



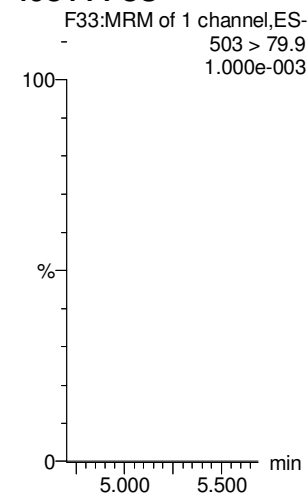
13C8-PFOA



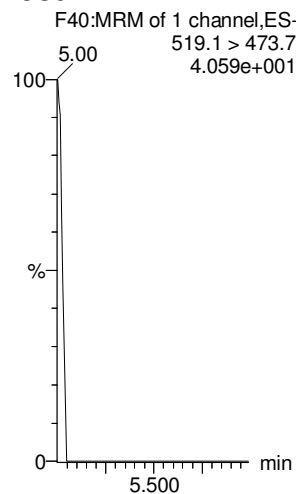
13C9-PFNA



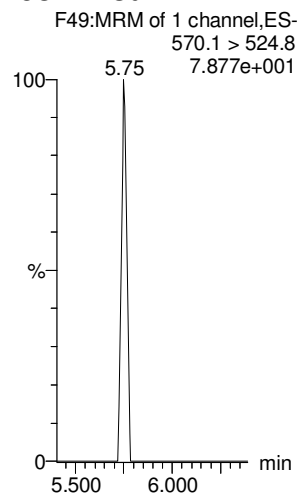
13C4-PFOS



13C6-PFDA



13C7-PFUdA



LC Calibration Standards Review Checklist Q4

Calibration ID:	AD 10/29/18 ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations	N/A
ST18.1029 MI-Z (L)MH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
↓ -2 (L)MH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
_____ LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
_____ LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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_____ LMH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Full Mass Cal. Date: 10/29/18

- Run Log Present:
- # of Samples per Sequence Checked:
- Instrument Blank Saved:
- IIS Area Saved:
- Reviewed By: MTT 10/29/18
Initials/Date

Comments:

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:13:05 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102918.mdb 29 Oct 2018 14:04:44

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.597	NO
4	4:2 FTS	1.707	NO
5	PFHxA	15.459	NO
6	PFPeS	1.619	NO
7	PFHpA	12.087	NO
8	L-PFHxS	1.650	NO
9	6:2 FTS	2.968	NO
10	L-PFOA	3.523	NO
11	PFHpS	1.790	NO
12	PFNA	4.423	NO
13	PFOSA	26.195	NO
14	L-PFOS	1.904	NO
15	PFDA	5.665	NO
16	8:2 FTS	2.487	NO
17	PFNS	1.735	NO
18	L-MeFOSAA	2.435	NO
19	L-EtFOSAA	1.478	NO

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:13:21 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102918.mdb 29 Oct 2018 14:04:44

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820

	Name	Ion Ratio	Ratio out?
1	PFUdA	9.544	NO
2	PFDS	1.731	NO
3	PFDoA	8.040	NO
4	N-MeFOSA	1.530	NO
5	PFTrDA	23.931	NO
6	PFTeDA	13.459	NO
7	N-EtFOSA	1.543	NO
8	PFHxDA	26.926	NO
9	PFODA		
10	N-MeFOSE		
11	N-EtFOSE		

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-2.qld

Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:09:49 Pacific Daylight Time

MTT
10/29/18

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	928.411	10393.169	1.00	1.34	1.117	0.958	95.8	NO		
2	2 PFPeA	263.1 > 218.9	1147.150	15717.370	1.00	2.59	0.912	0.974	97.4	NO		
3	3 PFBS	299.0 > 79.7	299.052	1868.238	1.00	2.92	2.001	1.025	102.5	NO	2.722	NO
4	4 4:2 FTS	327.2>307.2	335.396	3528.519	1.00	3.39	1.188	1.067	106.7	NO	1.888	NO
5	5 PFHxA	313 > 269	2005.923	10080.170	1.00	3.48	0.995	1.031	103.1	NO	14.444	NO
6	6 PFPeS	349.1>80.1	248.368	1868.238	1.00	3.69	1.662	0.969	96.9	NO	1.485	NO
7	36 13C3-PFBA	216.1 > 171.8	10393.169	13528.400	1.00	1.35	9.603	12.452	99.6	NO		
8	37 13C3-PFPeA	266. > 221.8	15717.370	26590.832	1.00	2.59	7.389	12.743	101.9	NO		
9	38 13C3-PFBS	302. > 98.8	1868.238	3601.573	1.00	2.92	6.484	12.003	96.0	NO		
10	39 13C2-4:2 FTS	329.2>308.9	3528.519	3601.573	1.00	3.39	12.246	11.307	90.5	NO		
11	40 13C2-PFHxA	315 > 270	10080.170	26590.832	1.00	3.48	4.739	4.873	97.5	NO		
12	38 13C3-PFBS	302. > 98.8	1868.238	3601.573	1.00	2.92	6.484	12.003	96.0	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	339.590	3394.782	1.00	4.55	1.250	1.003	100.3	NO	2.764	NO
15	7 PFHpA	363.0 > 318.9	1568.298	14230.556	1.00	4.10	1.378	1.044	104.4	NO	16.302	NO
16	8 L-PFHxS	398.9 > 79.6	238.852	1689.425	1.00	4.25	1.767	1.014	101.4	NO	1.695	NO
17	11 L-PFOA	412.8 > 368.9	2823.292	25834.346	1.00	4.60	1.366	0.976	97.6	NO	3.706	NO
18	13 PFHpS	449 > 80.0	213.632	3835.263	1.00	4.71	0.696	0.798	79.8	NO	1.654	NO
19	14 PFNA	463.0 > 418.8	2448.892	23563.742	1.00	5.04	1.299	1.087	108.7	NO	5.490	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3394.782	3500.924	1.00	4.55	12.121	12.552	100.4	NO		
21	41 13C4-PFHpA	367.2 > 321.8	14230.556	26590.832	1.00	4.10	6.690	12.933	103.5	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1689.425	3601.573	1.00	4.24	5.863	12.153	97.2	NO		
23	44 13C2-PFOA	414.9 > 369.7	25834.346	34354.980	1.00	4.60	9.400	12.423	99.4	NO		
24	44 13C2-PFOA	414.9 > 369.7	25834.346	34354.980	1.00	4.60	9.400	12.423	99.4	NO		
25	45 13C5-PFNA	468.2 > 422.9	23563.742	23149.150	1.00	5.04	12.724	13.144	105.2	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	450.153	4772.876	1.00	5.08	1.179	1.043	104.3	NO	28.394	NO
28	16 L-PFOS	498.9 > 79.9	340.003	3835.263	1.00	5.12	1.108	1.069	106.9	NO	3.144	YES
29	18 PFDA	513 > 468.8	2447.439	22613.477	1.00	5.42	1.353	1.059	105.9	NO	5.712	NO
30	19 8:2 FTS	527 > 506.9	362.016	3284.313	1.00	5.39	1.378	0.851	85.1	NO	2.708	NO
31	20 PFNS	549.1 > 80.1	259.247	3835.263	1.00	5.48	0.845	1.044	104.4	NO	1.854	NO
32	21 L-MeFOSAA	570 > 419	754.676	5153.287	1.00	5.57	1.831	1.058	105.8	NO	3.008	NO
33	46 13C8-PFOA	506.1 > 77.7	4772.876	32008.037	1.00	5.07	1.864	11.004	88.0	NO		
34	47 13C8-PFOS	507.0 > 79.9	3835.263	3500.924	1.00	5.12	13.694	13.646	109.2	NO		
35	48 13C2-PFDA	515.1 > 469.9	22613.477	27986.826	1.00	5.42	10.100	11.411	91.3	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3284.313	3500.924	1.00	5.39	11.727	14.855	118.8	NO		

AD
10/29/18

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-2.qld

Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:09:49 Pacific Daylight Time

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	3835.263	3500.924	1.00	5.12	13.694	13.646	109.2	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	5153.287	32008.037	1.00	5.57	2.012	12.428	99.4	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	697.065	7623.272	1.00	5.73	1.143	1.019	101.9	NO	1.279	NO
41	27 PFD0A	612.9 > 569.0	4283.715	28634.313	1.00	6.02	1.870	0.842	84.2	NO	15.842	YES
42	26 PFDS	598.8 > 79.9	335.892	3835.263	1.00	5.79	1.095	1.284	128.4	NO	1.850	NO
43	25 PFUdA	563.0 > 518.9	2257.890	28417.178	1.00	5.74	0.993	0.943	94.3	NO	9.791	NO
44	28 N-MeFOSA	512.1 > 168.9	557.997	14735.241	1.00	5.97	5.680	5.358	107.2	NO	1.528	NO
45	29 PFTrDA	662.9 > 618.9	2604.656	28634.313	1.00	6.27	1.137	1.008	100.8	NO	22.682	NO
46	52 d5-N-EtFOSAA	589.3 > 419	7623.272	32008.037	1.00	5.72	2.977	14.457	115.7	NO		
47	53 13C2-PFD0A	615.0 > 569.7	28634.313	27986.826	1.00	6.03	12.789	12.356	98.8	NO		
48	51 13C2-PFUdA	565 > 519.8	28417.178	32008.037	1.00	5.74	11.098	11.918	95.3	NO		
49	51 13C2-PFUdA	565 > 519.8	28417.178	32008.037	1.00	5.74	11.098	11.918	95.3	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	14735.241	32008.037	1.00	5.99	5.755	108.500	72.3	NO		
51	53 13C2-PFD0A	615.0 > 569.7	28634.313	27986.826	1.00	6.03	12.789	12.356	98.8	NO		
52	-1											
53	30 PFTeDA	713.0 > 669.0	2278.881	19369.311	1.00	6.49	1.471	0.949	94.9	NO	14.998	NO
54	31 N-EtFOSA	526.1 > 168.9	544.266	21924.107	1.00	6.44	3.724	3.987	79.7	NO	1.334	NO
55	32 PFHxDA	813.1 > 768.6	1365.301	9513.733	1.00	6.82	0.718	1.155	115.5	NO	28.469	NO
56	33 PFODA	913.1 > 868.8	1474.887	9513.733	1.00	7.04	0.775	0.876	87.6	NO		
57	34 N-MeFOSE	616.1 > 58.9	386.694	13136.826	1.00	6.69	4.415	4.557	91.1	NO		
58	35 N-EtFOSE	630.1 > 58.9	480.184	12979.430	1.00	6.83	5.549	5.000	100.0	NO		
59	55 13C2-PFTeDA	715.1 > 669.7	19369.311	32008.037	1.00	6.49	7.564	12.194	97.6	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	21924.107	32008.037	1.00	6.46	8.562	122.243	81.5	NO		
61	57 13C2-PFHxDA	815 > 769.7	9513.733	32008.037	1.00	6.82	3.715	5.319	106.4	NO		
62	57 13C2-PFHxDA	815 > 769.7	9513.733	32008.037	1.00	6.82	3.715	5.319	106.4	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	13136.826	32008.037	1.00	6.68	5.130	123.362	82.2	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	12979.430	32008.037	1.00	6.82	5.069	123.088	82.1	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	13528.400	13528.400	1.00	1.34	12.500	12.500	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	26590.832	26590.832	1.00	3.48	12.500	12.500	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3601.573	3601.573	1.00	4.24	12.500	12.500	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	34354.980	34354.980	1.00	4.60	12.500	12.500	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	23149.150	23149.150	1.00	5.04	12.500	12.500	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3500.924	3500.924	1.00	5.12	12.500	12.500	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	27986.826	27986.826	1.00	5.42	12.500	12.500	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-2.qld

Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:09:49 Pacific Daylight Time

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	32008.037	32008.037	1.00	5.74	12.500	12.500	100.0	NO		



Dataset: Untitled

Last Altered: Monday, October 29, 2018 14:27:15 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:27:48 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102918.mdb 29 Oct 2018 14:04:44

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time	
1	1 181029M1_1	IPA	29-Oct-18	09:47:39	✓
2	2 181029M1_2	ST181029M1-1 PFC CS0 18J1817	29-Oct-18	10:51:41	
3	3 181029M1_3	IPA	29-Oct-18	11:02:14	
4	4 181029M1_4	1803286-04 OC-RW03-1018 0.11784	29-Oct-18	11:12:52	
5	5 181029M1_5	B8J0114-BS1 OPR 0.25	29-Oct-18	11:23:24	
6	6 181029M1_6	B8J0114-BLK1 Method Blank 0.25	29-Oct-18	11:34:03	
7	7 181029M1_7	1803244-01 DWLM-12 0.25242	29-Oct-18	11:44:41	
8	8 181029M1_8	1803244-03 RFB 0.12	29-Oct-18	11:55:15	
9	9 181029M1_9	1803296-01 MW-3 0.24138	29-Oct-18	12:05:53	
10	10 181029M1_10	1803296-02 Equipment Blank 0.24996	29-Oct-18	12:16:32	
11	11 181029M1_11	B8J0093-BS1 OPR 1	29-Oct-18	12:27:05	
12	12 181029M1_12	B8J0093-BLK1 Method Blank 1	29-Oct-18	12:37:43	
13	13 181029M1_13	1803260-01 SD1810041020JTM 1.19	29-Oct-18	12:48:15	
14	14 181029M1_14	1803260-02 SD1810041025JTM 1.2	29-Oct-18	12:58:54	
15	15 181029M1_15	1803260-03 SD1810041030JTM 1.17	29-Oct-18	13:09:27	
16	16 181029M1_16	1803260-04 SD1810041130JTM 1.26	29-Oct-18	13:20:06	
17	17 181029M1_17	1803260-05 SD1810041135JTM 1.78	29-Oct-18	13:30:39	
18	18 181029M1_18	IPA	29-Oct-18	13:41:17	
19	19 181029M1_19	ST181029M1-2 PFC CS3 18J1820	29-Oct-18	13:51:55	✓

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-2.qld

Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time

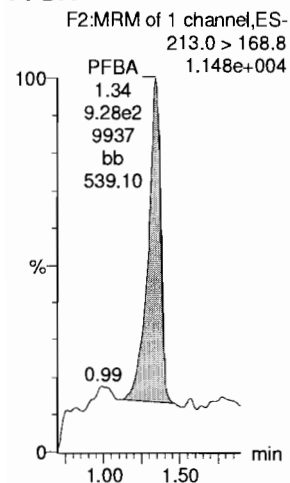
Printed: Monday, October 29, 2018 14:09:49 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102918.mdb 29 Oct 2018 14:04:44

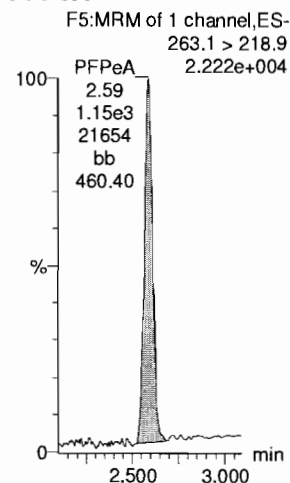
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817

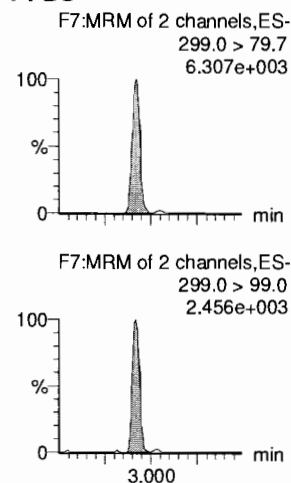
PFBA



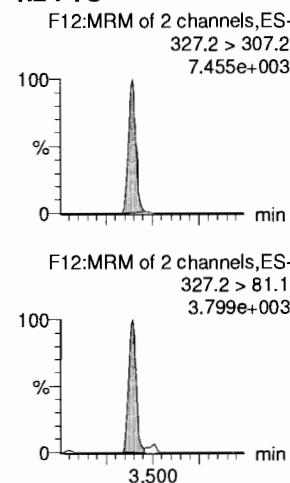
PFPeA



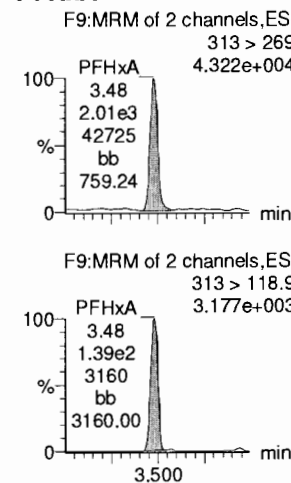
PFBS



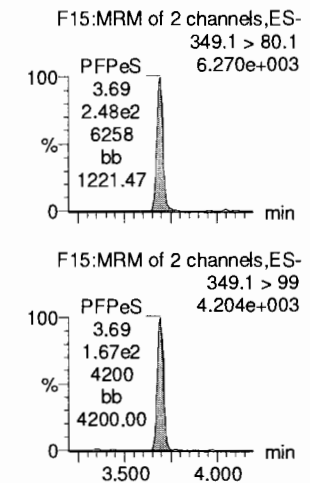
4:2 FTS



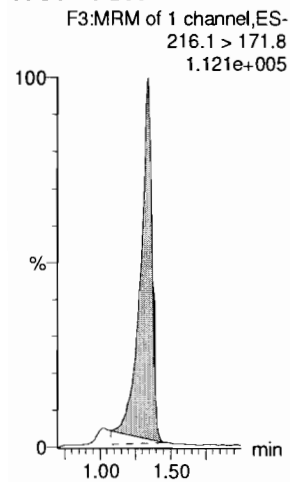
PFHxA



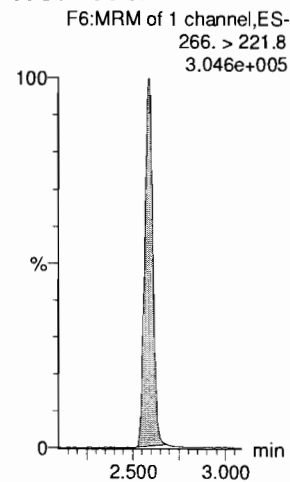
PFPeS



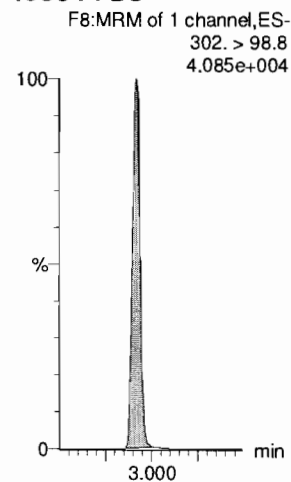
13C3-PFBA



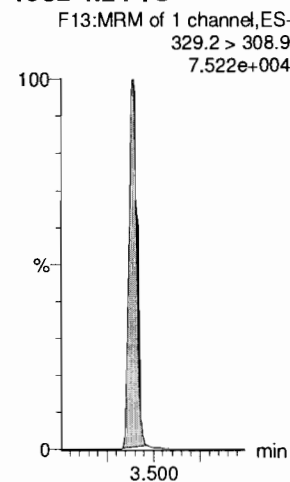
13C3-PFPeA



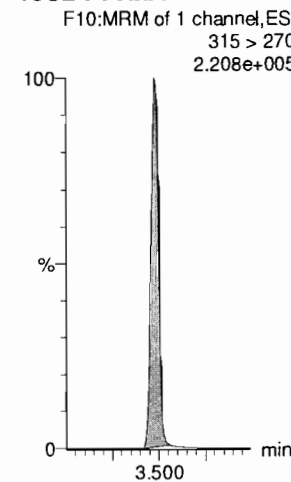
13C3-PFBS



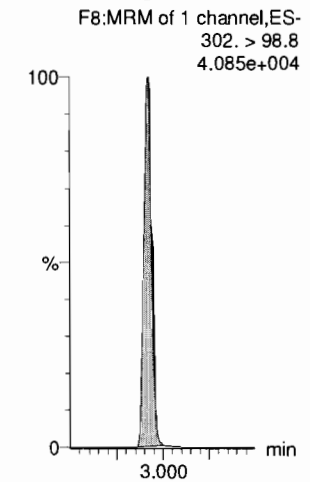
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

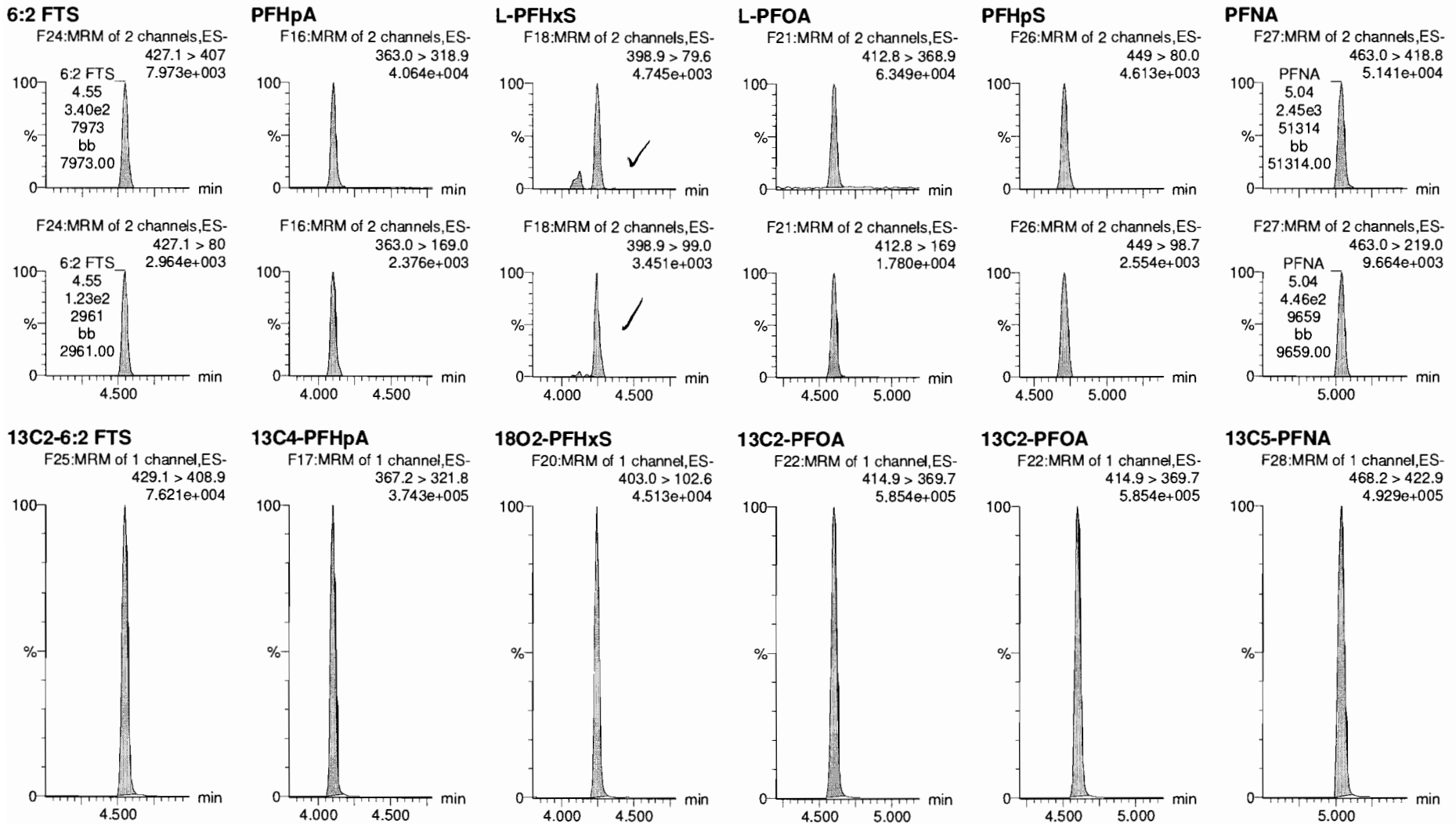


Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-2.qld

Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:09:49 Pacific Daylight Time

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817



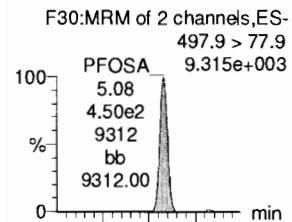
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Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time

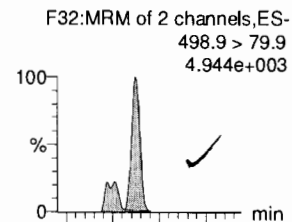
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Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817

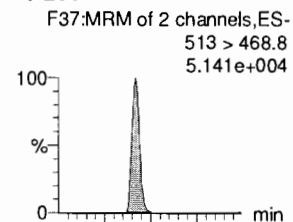
PFOSA



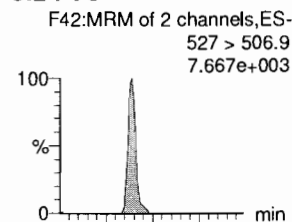
L-PFOS



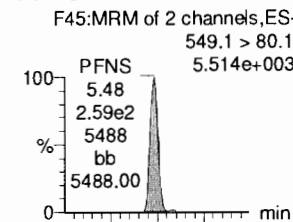
PFDA



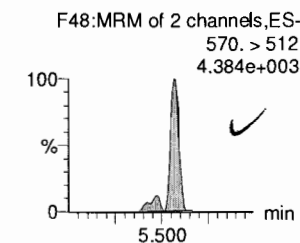
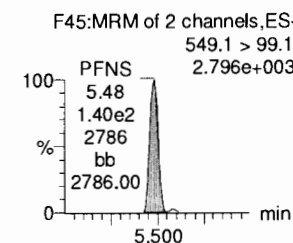
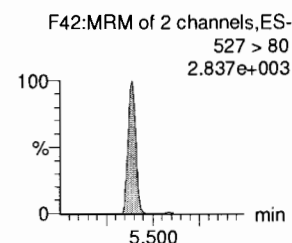
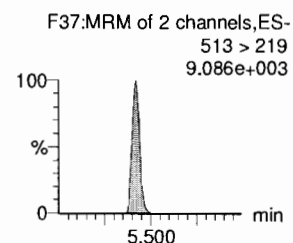
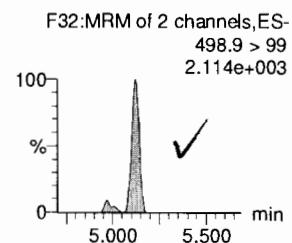
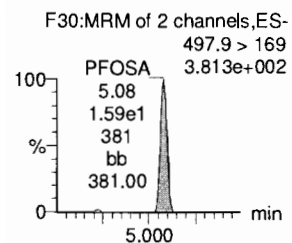
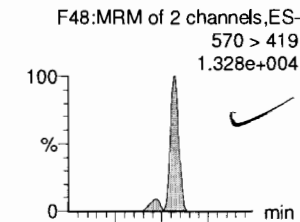
8:2 FTS



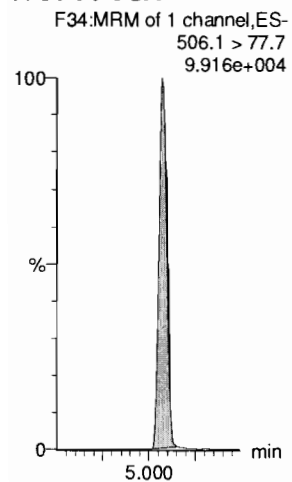
PFNS



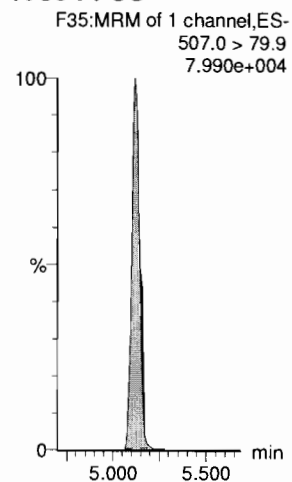
L-MeFOSAA



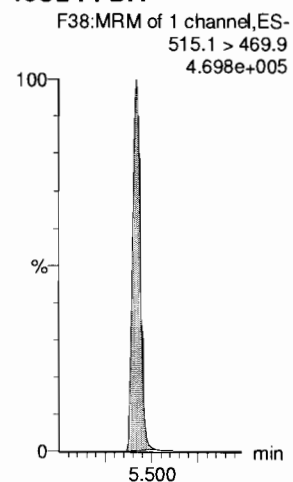
13C8-PFOSA



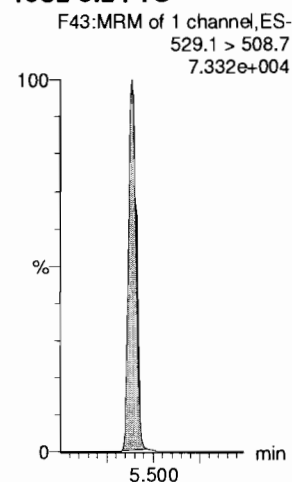
13C8-PFOS



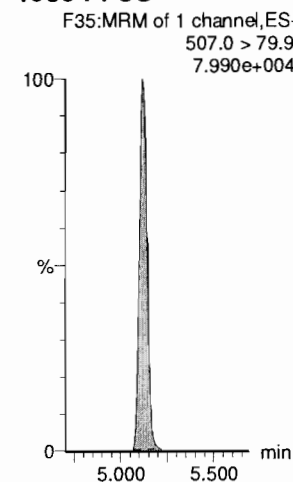
13C2-PFDA



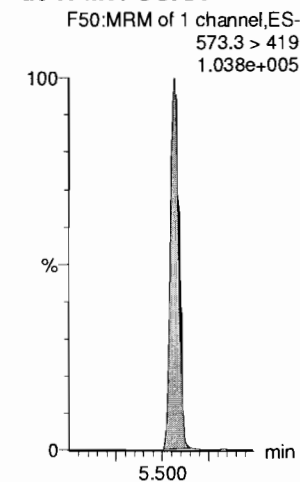
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

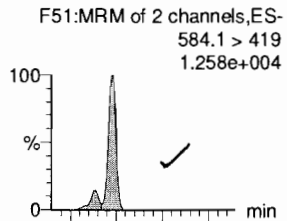


Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-2.qld

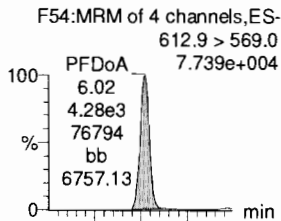
Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time
Printed: Monday, October 29, 2018 14:09:49 Pacific Daylight Time

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817

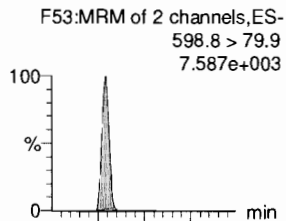
L-EtFOSAA



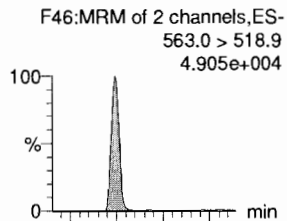
PFDoA



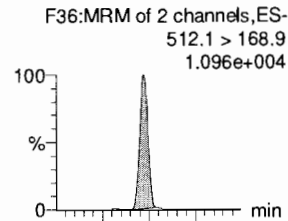
PFDS



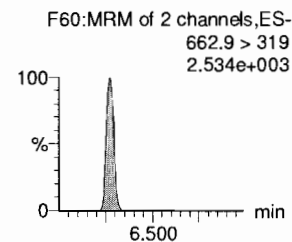
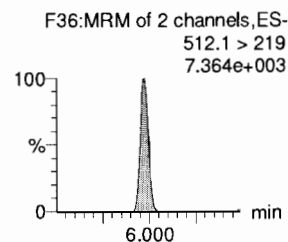
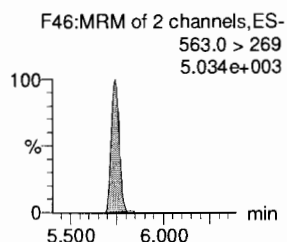
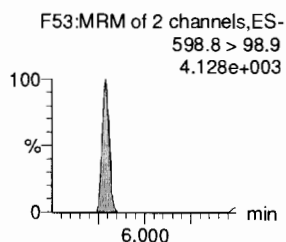
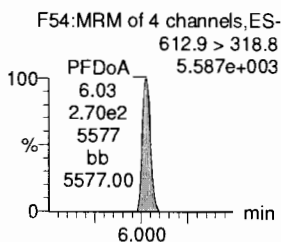
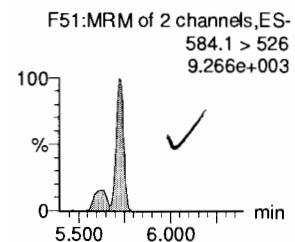
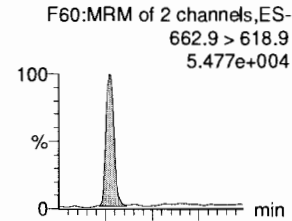
PFUdA



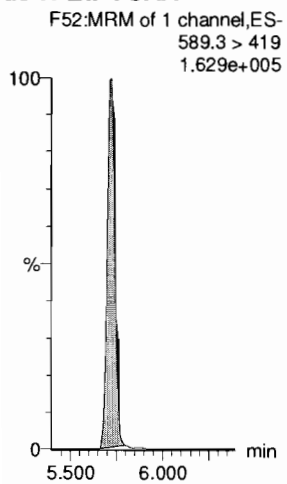
N-MeFOSA



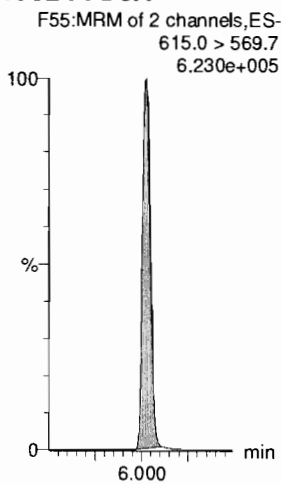
PFTTrDA



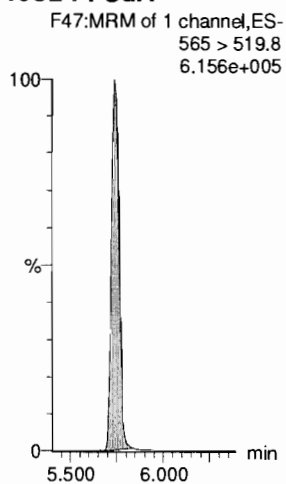
d5-N-EtFOSAA



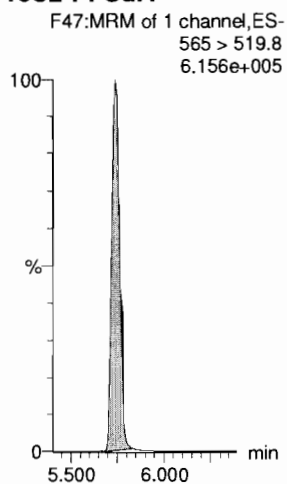
13C2-PFDoA



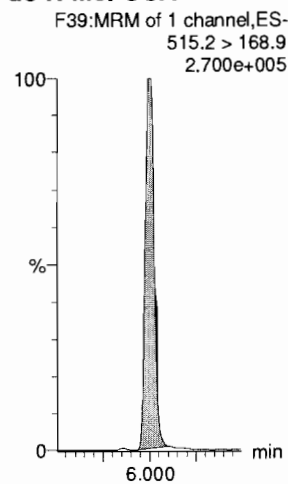
13C2-PFUdA



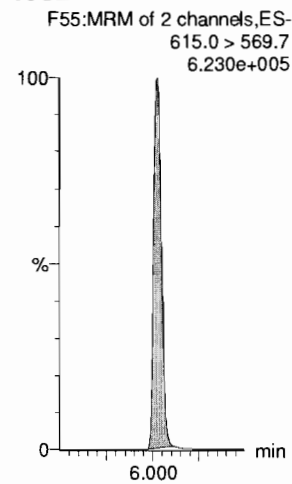
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

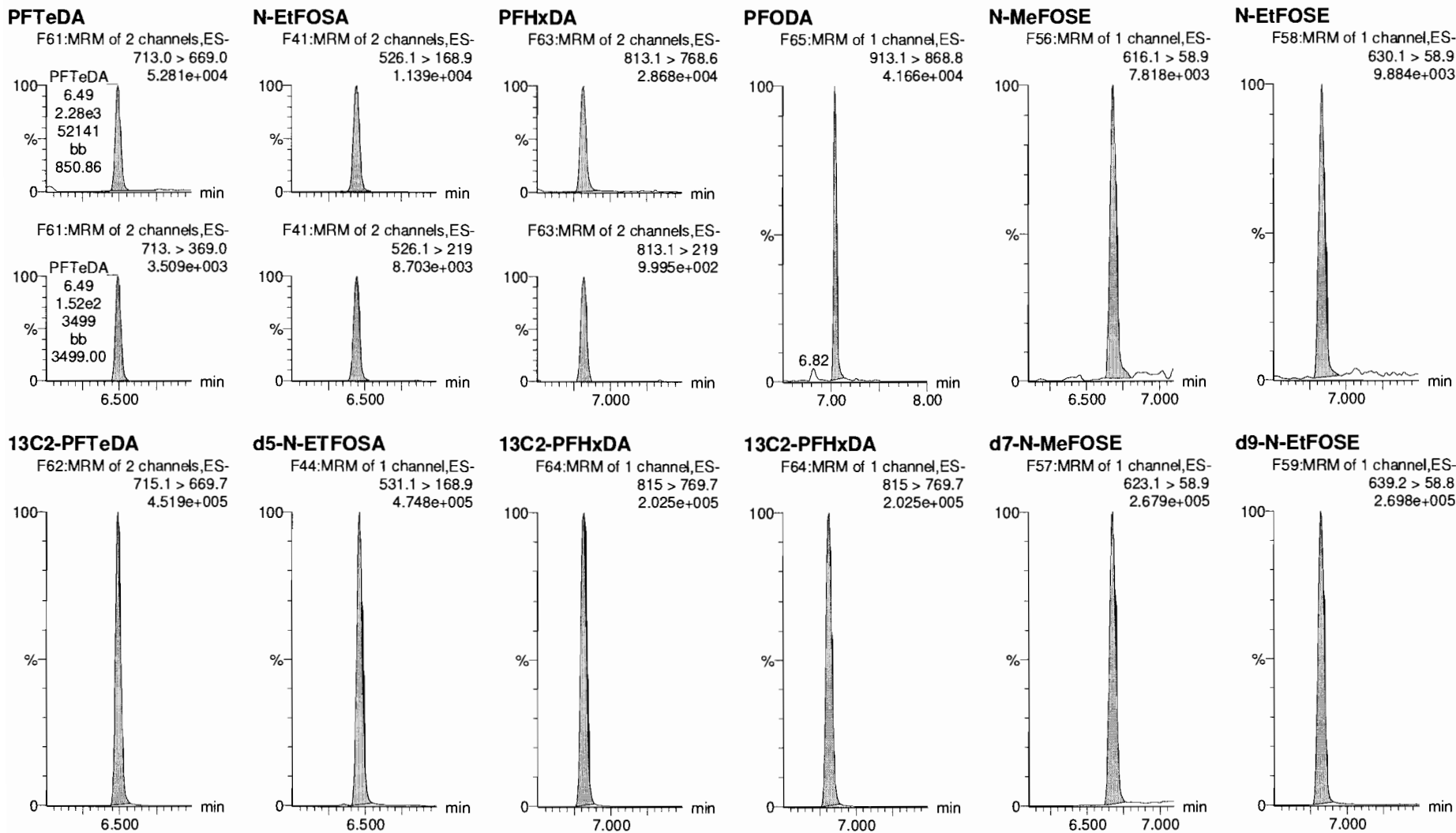


Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-2.qld

Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:09:49 Pacific Daylight Time

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817



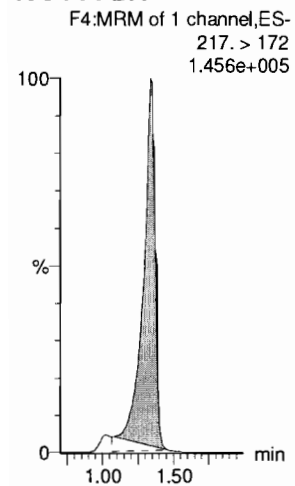
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Last Altered: Monday, October 29, 2018 14:09:42 Pacific Daylight Time

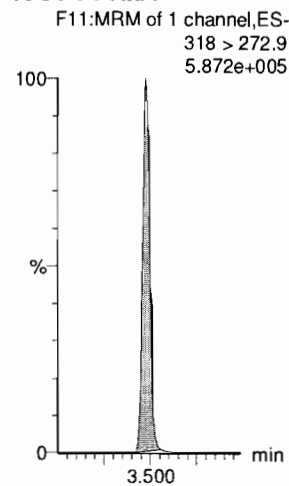
Printed: Monday, October 29, 2018 14:09:49 Pacific Daylight Time

Name: 181029M1_2, Date: 29-Oct-2018, Time: 10:51:41, ID: ST181029M1-1 PFC CS0 18J1817, Description: PFC CS0 18J1817

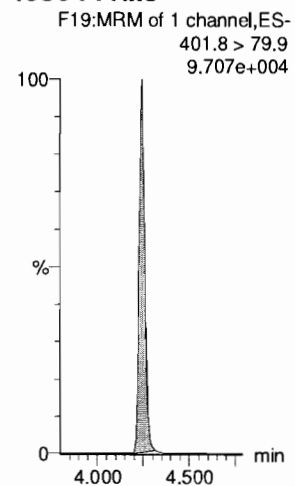
13C4-PFBA



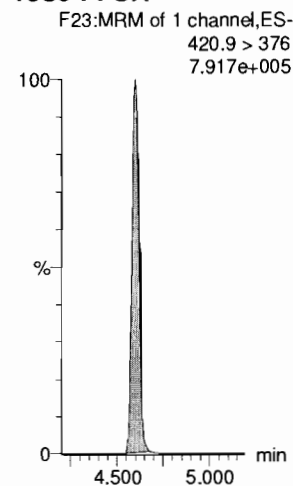
13C5-PFHxA



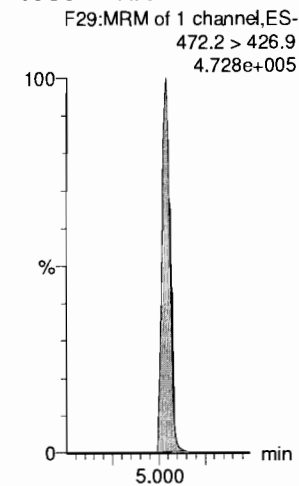
13C3-PFHxS



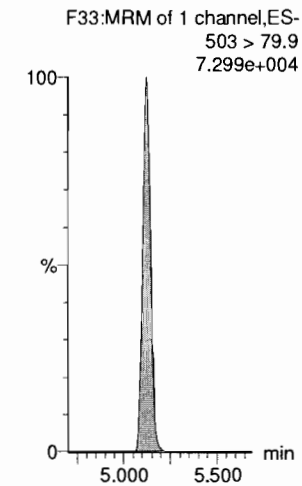
13C8-PFOA



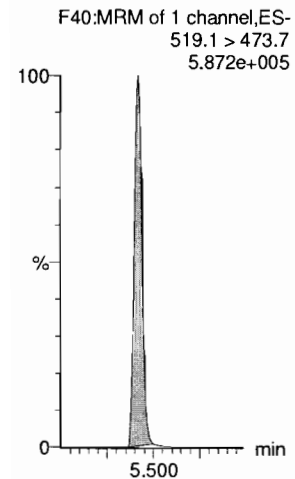
13C9-PFNA



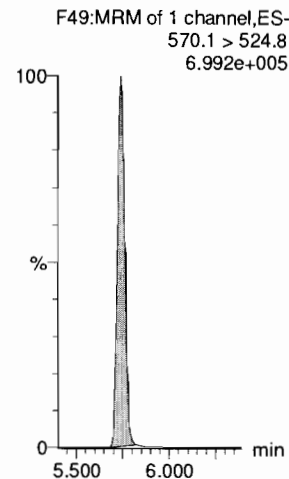
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:11:00 Pacific Daylight Time

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820

MTT
10/29/18

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	9561.535	10042.686	1.00	1.34	11.901	10.121	101.2	NO		
2	2 PFPeA	263.1 > 218.9	11726.523	15329.123	1.00	2.59	9.562	10.078	100.8	NO		
3	3 PFBS	299.0 > 79.7	2866.390	1883.941	1.00	2.91	19.019	9.387	93.9	NO	2.597	NO
4	4 4:2 FTS	327.2>307.2	3231.698	3382.386	1.00	3.39	11.943	11.347	113.5	NO	1.707	NO
5	5 PFHxA	313 > 269	20412.166	10463.217	1.00	3.47	9.754	9.862	98.6	NO	15.459	NO
6	6 PFPeS	349.1>80.1	2578.657	1883.941	1.00	3.69	17.109	9.903	99.0	NO	1.619	NO
7	36 13C3-PFBA	216.1 > 171.8	10042.686	13161.461	1.00	1.33	9.538	12.368	98.9	NO		
8	37 13C3-PFPeA	266. > 221.8	15329.123	28067.998	1.00	2.58	6.827	11.774	94.2	NO		
9	38 13C3-PFBS	302. > 98.8	1883.941	3589.219	1.00	2.91	6.561	12.146	97.2	NO		
10	39 13C2-4:2 FTS	329.2>308.9	3382.386	3589.219	1.00	3.39	11.780	10.876	87.0	NO		
11	40 13C2-PFHxA	315 > 270	10463.217	28067.998	1.00	3.47	4.660	4.792	95.8	NO		
12	38 13C3-PFBS	302. > 98.8	1883.941	3589.219	1.00	2.91	6.561	12.146	97.2	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	3644.325	3400.406	1.00	4.56	13.397	10.940	109.4	NO	2.968	NO
15	7 PFHpA	363.0 > 318.9	14558.295	14203.388	1.00	4.13	12.812	9.791	97.9	NO	12.087	NO
16	8 L-PFHxS	398.9 > 79.6	2354.445	1745.250	1.00	4.26	16.863	9.327	93.3	NO	1.650	NO
17	11 L-PFOA	412.8 > 368.9	27952.654	25310.633	1.00	4.61	13.805	10.322	103.2	NO	3.523	NO
18	13 PFHpS	449 > 80.0	2808.282	3516.497	1.00	4.72	9.983	10.752	107.5	NO	1.790	NO
19	14 PFNA	463.0 > 418.8	23029.797	22934.436	1.00	5.05	12.552	10.322	103.2	NO	4.423	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3400.406	3732.439	1.00	4.56	11.388	11.793	94.3	NO		
21	41 13C4-PFHpA	367.2 > 321.8	14203.388	28067.998	1.00	4.13	6.325	12.229	97.8	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1745.250	3589.219	1.00	4.26	6.078	12.598	100.8	NO		
23	44 13C2-PFOA	414.9 > 369.7	25310.633	35172.266	1.00	4.61	8.995	11.889	95.1	NO		
24	44 13C2-PFOA	414.9 > 369.7	25310.633	35172.266	1.00	4.61	8.995	11.889	95.1	NO		
25	45 13C5-PFNA	468.2 > 422.9	22934.436	23343.270	1.00	5.05	12.281	12.686	101.5	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	4072.149	4372.754	1.00	5.09	11.641	10.641	106.4	NO	26.195	NO
28	16 L-PFOS	498.9 > 79.9	3250.062	3516.497	1.00	5.13	11.553	10.848	108.5	NO	1.904	NO
29	18 PFDA	513 > 468.8	24724.254	22536.813	1.00	5.42	13.713	10.476	104.8	NO	5.665	NO
30	19 8:2 FTS	527 > 506.9	3536.572	3089.855	1.00	5.39	14.307	9.723	97.2	NO	2.487	NO
31	20 PFNS	549.1 > 80.1	2434.987	3516.497	1.00	5.49	8.656	10.578	105.8	NO	1.735	NO
32	21 L-MeFOSAA	570 > 419	7707.969	5308.677	1.00	5.57	18.149	10.492	104.9	NO	2.435	NO
33	46 13C8-PFOA	506.1 > 77.7	4372.754	32983.691	1.00	5.09	1.657	9.783	78.3	NO		
34	47 13C8-PFOS	507.0 > 79.9	3516.497	3732.439	1.00	5.13	11.777	11.736	93.9	NO		
35	48 13C2-PFDA	515.1 > 469.9	22536.813	28166.756	1.00	5.42	10.002	11.300	90.4	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3089.855	3732.439	1.00	5.39	10.348	13.109	104.9	NO		

MTT
10/29/18

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:11:00 Pacific Daylight Time

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	3516.497	3732.439	1.00	5.13	11.777	11.736	93.9	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	5308.677	32983.691	1.00	5.57	2.012	12.424	99.4	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	6947.389	7736.079	1.00	5.73	11.226	9.388	93.9	NO	1.478	NO
41	27 PFD _o A	612.9 > 569.0	26858.045	28411.982	1.00	6.03	11.816	9.322	93.2	NO	8.040	NO
42	26 PFDS	598.8 > 79.9	3219.558	3516.497	1.00	5.79	11.444	11.713	117.1	NO	1.731	NO
43	25 PFU _d A	563.0 > 518.9	22505.104	29478.291	1.00	5.75	9.543	9.348	93.5	NO	9.544	NO
44	28 N-MeFOSA	512.1 > 168.9	5636.837	15341.741	1.00	5.99	55.113	52.029	104.1	NO	1.530	NO
45	29 PFT _r DA	662.9 > 618.9	26553.807	28411.982	1.00	6.28	11.682	10.132	101.3	NO	23.931	NO
46	52 d5-N-EtFOSAA	589.3 > 419	7736.079	32983.691	1.00	5.72	2.932	14.237	113.9	NO		
47	53 13C2-PFD _o A	615.0 > 569.7	28411.982	28166.756	1.00	6.03	12.609	12.182	97.5	NO		
48	51 13C2-PFU _d A	565 > 519.8	29478.291	32983.691	1.00	5.75	11.172	11.997	96.0	NO		
49	51 13C2-PFU _d A	565 > 519.8	29478.291	32983.691	1.00	5.75	11.172	11.997	96.0	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	15341.741	32983.691	1.00	6.03	5.814	109.624	73.1	NO		
51	53 13C2-PFD _o A	615.0 > 569.7	28411.982	28166.756	1.00	6.03	12.609	12.182	97.5	NO		
52	-1											
53	30 PFT _e DA	713.0 > 669.0	23886.367	20363.889	1.00	6.49	14.662	9.180	91.8	NO	13.459	NO
54	31 N-EtFOSA	526.1 > 168.9	6510.735	22483.770	1.00	6.45	43.436	48.029	96.1	NO	1.543	NO
55	32 PFH _x DA	813.1 > 768.6	13166.782	9910.286	1.00	6.82	6.643	11.715	117.2	NO	26.926	NO
56	33 PFODA	913.1 > 868.8	15528.479	9910.286	1.00	7.04	7.835	8.846	88.5	NO		
57	34 N-MeFOSE	616.1 > 58.9	3863.183	12447.995	1.00	6.69	46.552	48.611	97.2	NO		
58	35 N-EtFOSE	630.1 > 58.9	4568.005	12449.265	1.00	6.83	55.039	48.789	97.6	NO		
59	55 13C2-PFT _e DA	715.1 > 669.7	20363.889	32983.691	1.00	6.49	7.717	12.441	99.5	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	22483.770	32983.691	1.00	6.47	8.521	121.655	81.1	NO		
61	57 13C2-PFH _x DA	815 > 769.7	9910.286	32983.691	1.00	6.82	3.756	5.377	107.5	NO		
62	57 13C2-PFH _x DA	815 > 769.7	9910.286	32983.691	1.00	6.82	3.756	5.377	107.5	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	12447.995	32983.691	1.00	6.68	4.717	113.436	75.6	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	12449.265	32983.691	1.00	6.82	4.718	114.568	76.4	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	13161.461	13161.461	1.00	1.33	12.500	12.500	100.0	NO		
67	61 13C5-PFH _x A	318 > 272.9	28067.998	28067.998	1.00	3.47	12.500	12.500	100.0	NO		
68	62 13C3-PFH _x S	401.8 > 79.9	3589.219	3589.219	1.00	4.26	12.500	12.500	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	35172.266	35172.266	1.00	4.61	12.500	12.500	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	23343.270	23343.270	1.00	5.05	12.500	12.500	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3732.439	3732.439	1.00	5.13	12.500	12.500	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	28166.756	28166.756	1.00	5.43	12.500	12.500	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:11:00 Pacific Daylight Time

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	32983.691	32983.691	1.00	5.75	12.500	12.500	100.0		NO	

Dataset: Untitled

Last Altered: Monday, October 29, 2018 14:27:15 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:27:48 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102918.mdb 29 Oct 2018 14:04:44
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 181029M1_1	IPA	29-Oct-18	09:47:39
2	2 181029M1_2	ST181029M1-1 PFC CS0 18J1817	29-Oct-18	10:51:41
3	3 181029M1_3	IPA	29-Oct-18	11:02:14
4	4 181029M1_4	1803286-04 OC-RW03-1018 0.11784	29-Oct-18	11:12:52
5	5 181029M1_5	B8J0114-BS1 OPR 0.25	29-Oct-18	11:23:24
6	6 181029M1_6	B8J0114-BLK1 Method Blank 0.25	29-Oct-18	11:34:03
7	7 181029M1_7	1803244-01 DWLM-12 0.25242	29-Oct-18	11:44:41
8	8 181029M1_8	1803244-03 RFB 0.12	29-Oct-18	11:55:15
9	9 181029M1_9	1803296-01 MW-3 0.24138	29-Oct-18	12:05:53
10	10 181029M1_10	1803296-02 Equipment Blank 0.24996	29-Oct-18	12:16:32
11	11 181029M1_11	B8J0093-BS1 OPR 1	29-Oct-18	12:27:05
12	12 181029M1_12	B8J0093-BLK1 Method Blank 1	29-Oct-18	12:37:43
13	13 181029M1_13	1803260-01 SD1810041020JTM 1.19	29-Oct-18	12:48:15
14	14 181029M1_14	1803260-02 SD1810041025JTM 1.2	29-Oct-18	12:58:54
15	15 181029M1_15	1803260-03 SD1810041030JTM 1.17	29-Oct-18	13:09:27
16	16 181029M1_16	1803260-04 SD1810041130JTM 1.26	29-Oct-18	13:20:06
17	17 181029M1_17	1803260-05 SD1810041135JTM 1.78	29-Oct-18	13:30:39
18	18 181029M1_18	IPA	29-Oct-18	13:41:17
19	19 181029M1_19	ST181029M1-2 PFC CS3 18J1820	29-Oct-18	13:51:55

Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

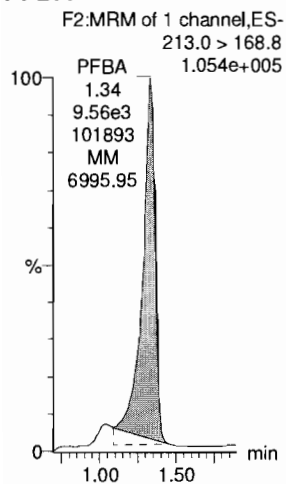
Printed: Monday, October 29, 2018 14:11:00 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102918.mdb 29 Oct 2018 14:04:44

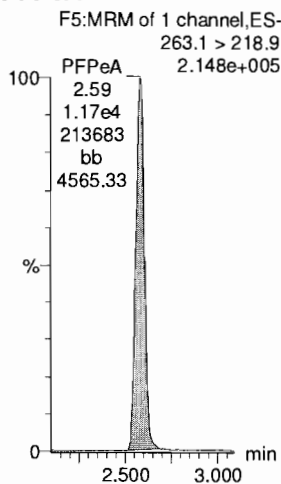
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820

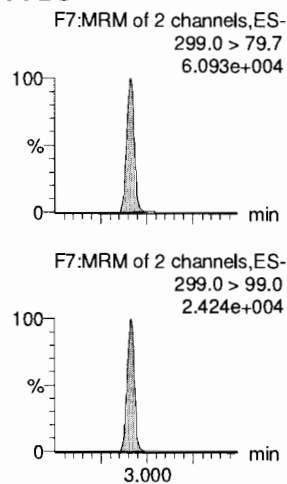
PFBA



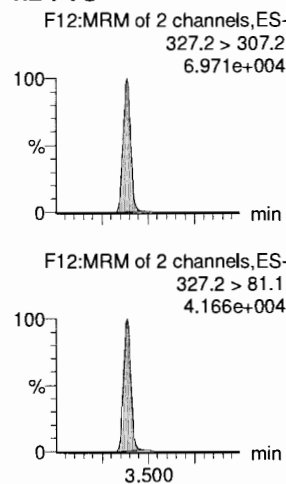
PFPeA



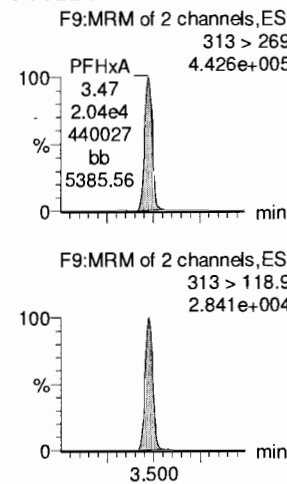
PFBS



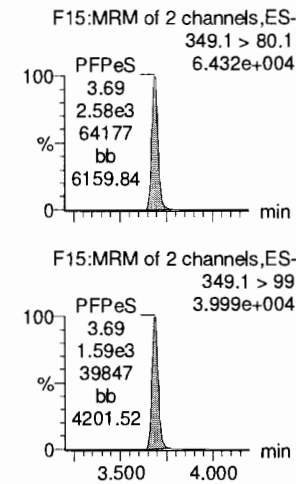
4:2 FTS



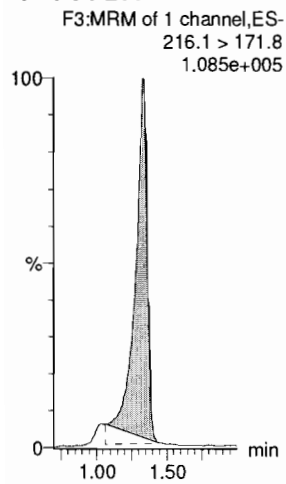
PFHxA



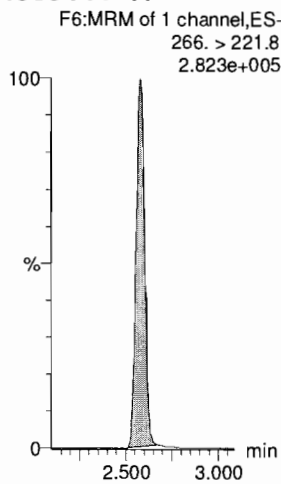
PFPeS



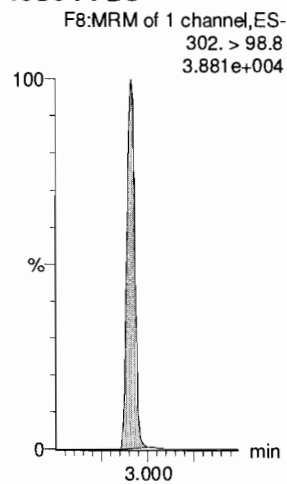
13C3-PFBA



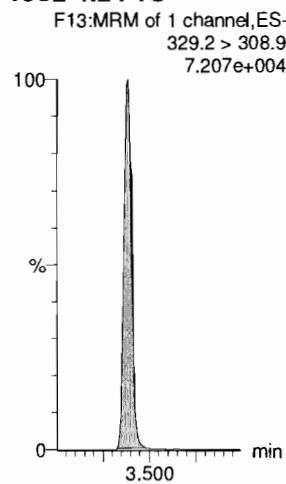
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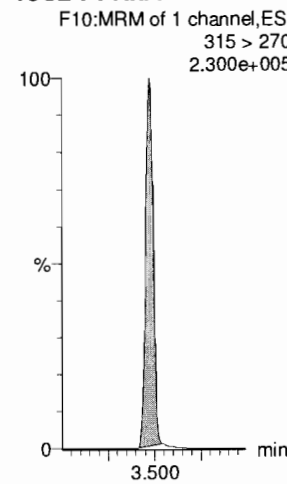
13C3-PFBS



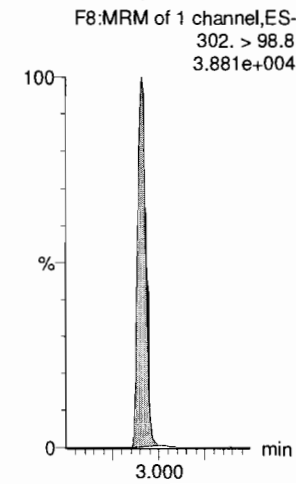
13C2-4:2 FTS



13C2-PFHxA



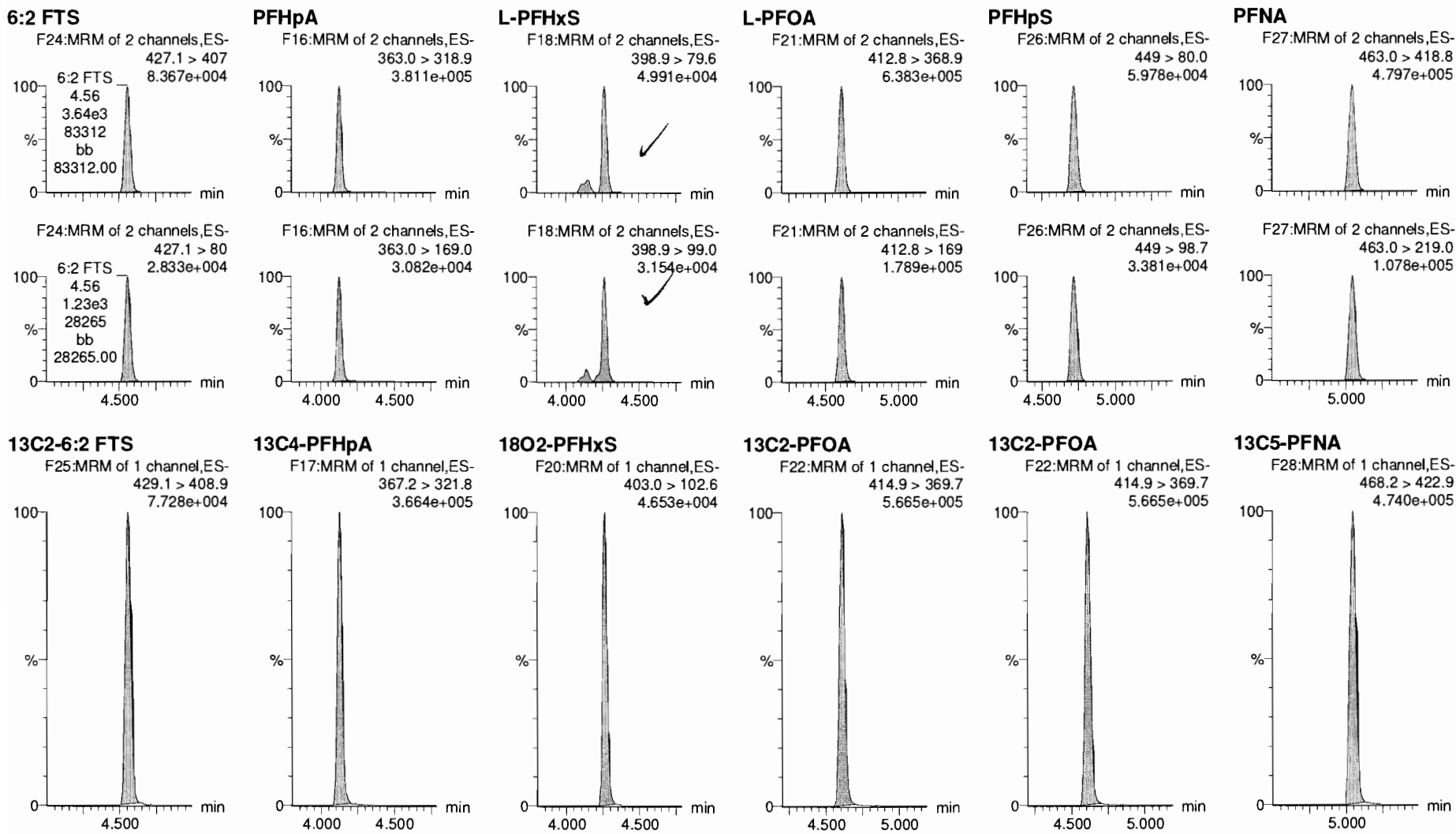
13C3-PFBS



Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time
Printed: Monday, October 29, 2018 14:11:00 Pacific Daylight Time

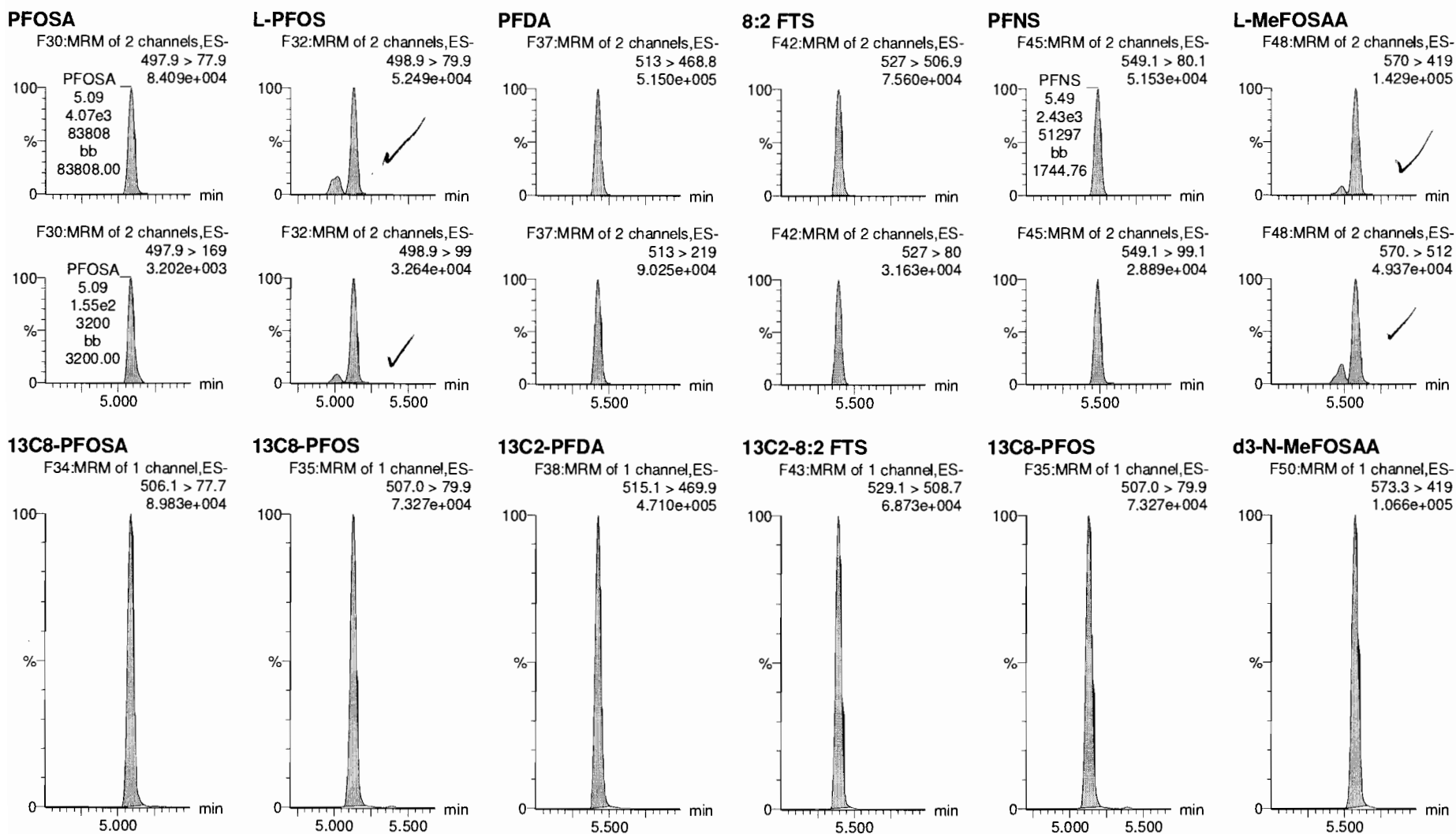
Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820



Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time
Printed: Monday, October 29, 2018 14:11:00 Pacific Daylight Time

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820



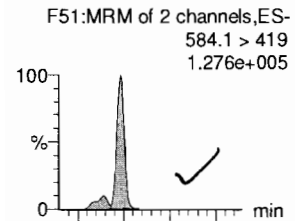
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Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

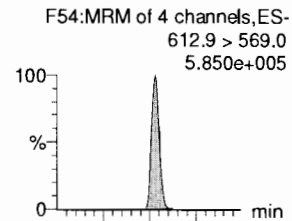
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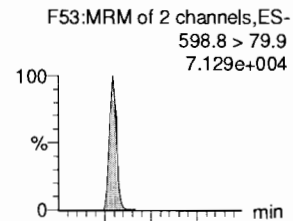
L-EtFOSAA



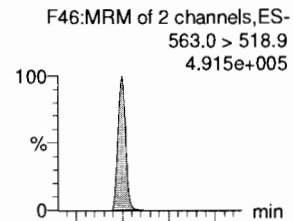
PFDoA



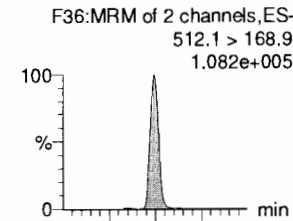
PFDS



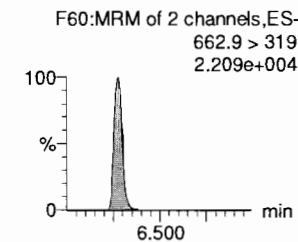
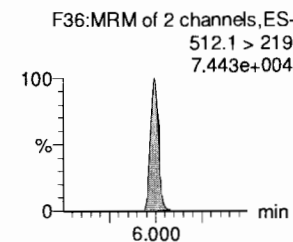
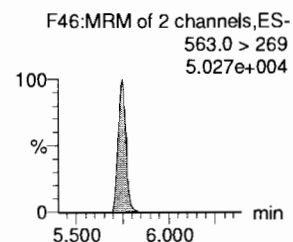
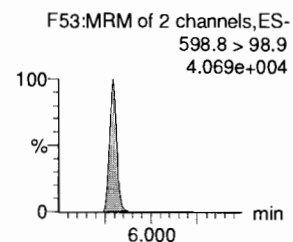
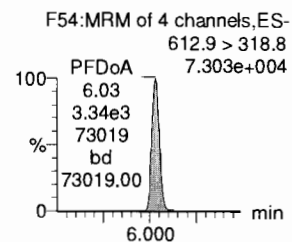
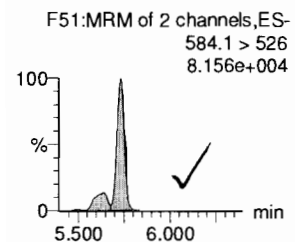
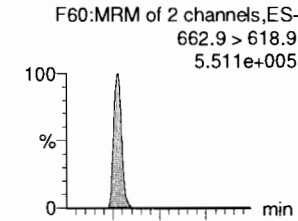
PFUdA



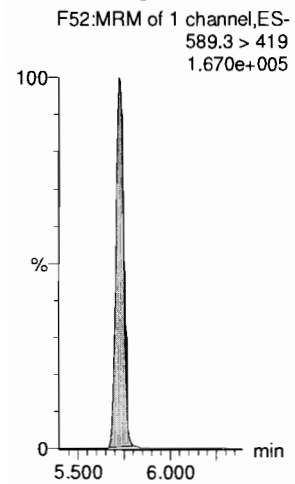
N-MeFOSA



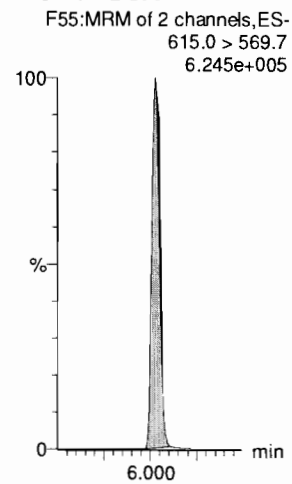
PFTrDA



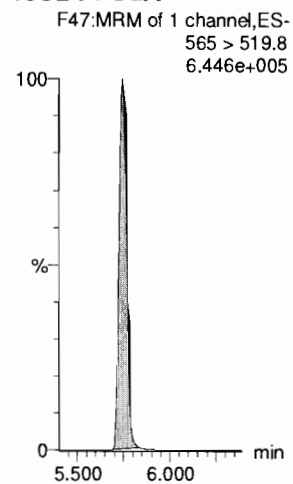
d5-N-EtFOSAA



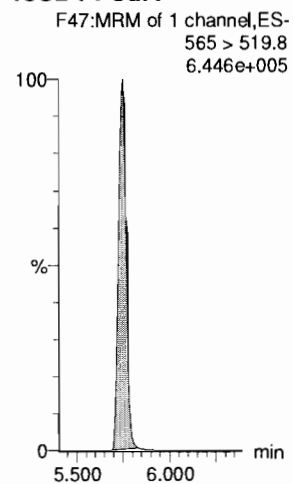
13C2-PFDoA



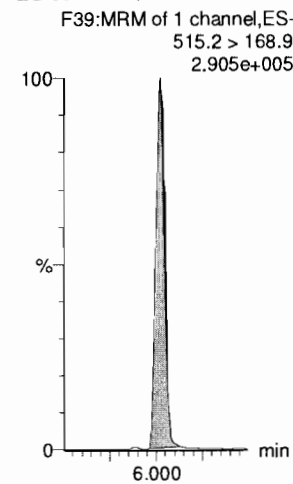
13C2-PFUdA



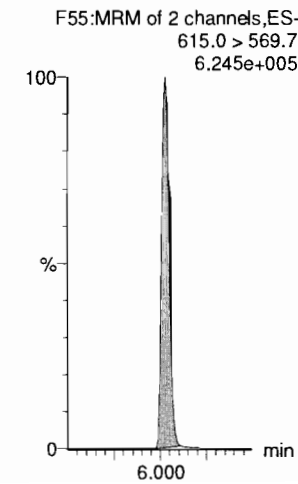
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

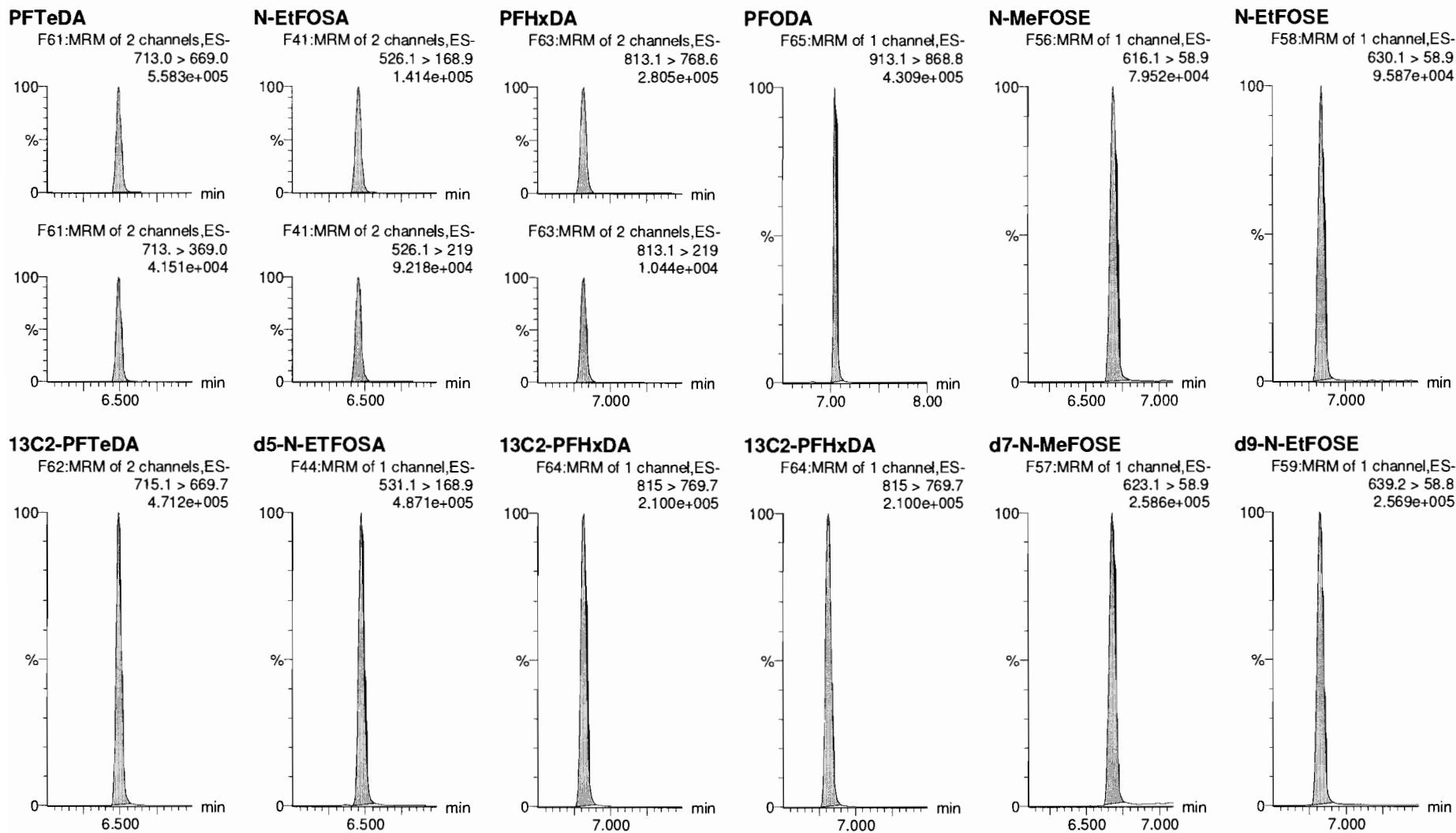


Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:11:00 Pacific Daylight Time

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820



Dataset: F:\Projects\PFAS.PRO\Results\181029M1\181029M1-19.qld

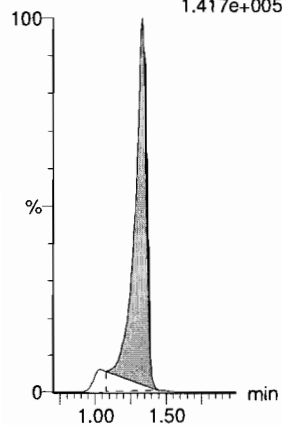
Last Altered: Monday, October 29, 2018 14:04:47 Pacific Daylight Time

Printed: Monday, October 29, 2018 14:11:00 Pacific Daylight Time

Name: 181029M1_19, Date: 29-Oct-2018, Time: 13:51:55, ID: ST181029M1-2 PFC CS3 18J1820, Description: PFC CS3 18J1820

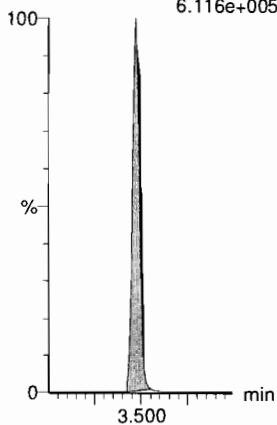
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.417e+005



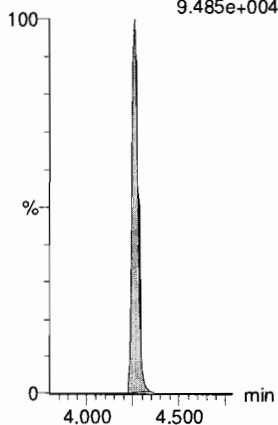
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.116e+005



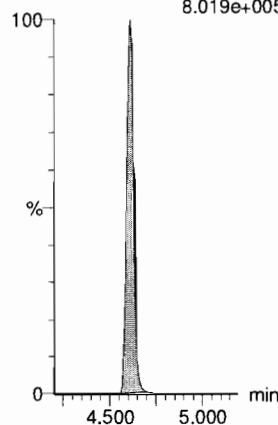
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.485e+004



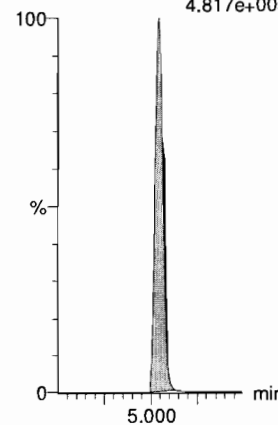
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.019e+005



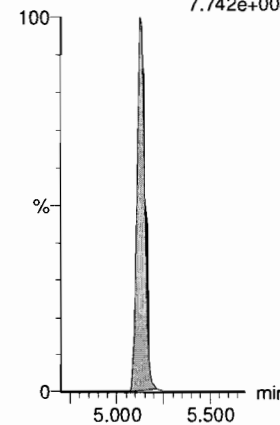
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
4.817e+005



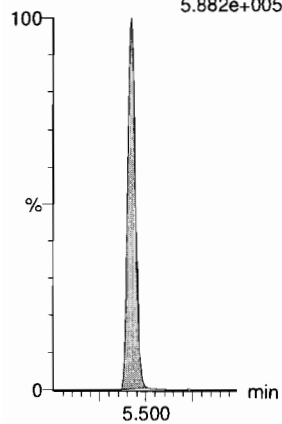
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
7.742e+004



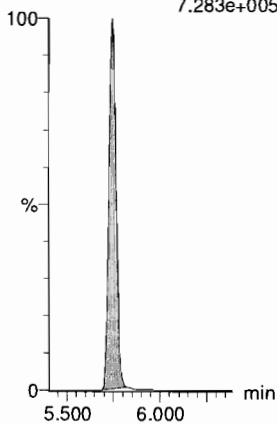
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
5.882e+005



13C7-PFUDA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.283e+005



INITIAL CALIBRATION (ICAL)
INCLUDING ASSOCIATED
INITIAL CALIBRATION VERIFICATION (ICV) AND INSTRUMENT BLANK (IB)

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Monday, October 22, 2018 15:28:35 Pacific Daylight Time

highPT
 $4:2 = \frac{100}{}$
 $6:2 = \downarrow$
 $8:2 = \downarrow$

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Compound name: PFBA

Correlation coefficient: $r = 0.999806$, $r^2 = 0.999612$

Calibration curve: $1.31064 * x + 0.106734$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

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

✓ AD 10/29/18
 ✓ AD for KBF 10/22/18

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	0.250	1.02	259.331	7590.001	0.427	0.2	-2.2	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	1.03	468.754	7735.378	0.757	0.5	-0.7	NO	1.000	NO	MM
3	3 181019M1_4	Standard	1.000	1.02	903.704	7896.596	1.431	1.0	1.0	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	1.02	1825.677	8117.264	2.811	2.1	3.2	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	1.02	4205.016	7943.982	6.617	5.0	-0.7	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	1.02	8079.583	7780.099	12.981	9.8	-1.8	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	1.02	40948.262	7864.615	65.083	49.6	-0.8	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	1.02	82546.398	7827.919	131.814	100.5	0.5	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	1.02	200890.766	7436.670	337.669	257.6	3.0	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	1.01	368369.281	7132.018	645.626	492.5	-1.5	NO	1.000	NO	bb

Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999866$

Calibration curve: $-5.06046e-005 * x^2 + 1.05184 * x + 0.0209729$

Response type: Internal Std (Ref 37), 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 181019M1_2	Standard	0.250	2.17	417.514	17436.783	0.299	0.3	5.8	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	2.17	740.918	17356.262	0.534	0.5	-2.5	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	2.17	1519.232	17135.449	1.108	1.0	3.4	NO	1.000	NO	MM
4	4 181019M1_5	Standard	2.000	2.17	3044.285	17595.127	2.163	2.0	1.8	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	2.17	7134.365	17477.127	5.103	4.8	-3.4	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	2.16	13916.453	17077.100	10.186	9.7	-3.3	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	2.16	68172.914	16715.688	50.980	48.6	-2.9	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	2.16	137372.391	16417.277	104.594	99.9	-0.1	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	2.16	324553.094	15391.694	263.578	253.7	1.5	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	2.16	591830.813	14460.537	511.591	498.3	-0.3	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: PFBS

Coefficient of Determination: R² = 0.999868

Calibration curve: $-6.29034e-005 * x^2 + 2.07235 * x + 0.0131884$

Response type: Internal Std (Ref 38), 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 181019M1_2	Standard	0.250	2.55	92.679	1972.313	0.587	0.3	10.8	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	2.55	147.341	2002.869	0.920	0.4	-12.5	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	2.54	332.336	1942.679	2.138	1.0	2.6	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	2.54	710.890	2027.886	4.382	2.1	5.4	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	2.54	1561.972	2024.025	9.646	4.6	-7.0	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	2.54	3178.172	1908.398	20.817	10.0	0.4	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	2.54	15161.809	1853.938	102.227	49.4	-1.2	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	2.54	30194.961	1786.770	211.240	102.2	2.2	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	2.54	69010.742	1691.818	509.886	247.9	-0.8	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	2.54	121055.750	1480.896	1021.812	500.7	0.1	NO	1.000	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.998846

Calibration curve: $-0.00308619 * x^2 + 1.22642 * x + 0.0274375$

Response type: Internal Std (Ref 39), 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 181019M1_2	Standard	0.250	3.05	92.567	3734.668	0.310	0.2	-7.8	NO	0.999	NO	bb
2	2 181019M1_3	Standard	0.500	3.06	204.396	4348.203	0.588	0.5	-8.5	NO	0.999	NO	bb
3	3 181019M1_4	Standard	1.000	3.05	425.305	4174.629	1.273	1.0	1.9	NO	0.999	NO	bb
4	4 181019M1_5	Standard	2.000	3.05	883.929	4235.522	2.609	2.1	5.8	NO	0.999	NO	bb
5	5 181019M1_6	Standard	5.000	3.05	2227.505	4319.072	6.447	5.3	6.1	NO	0.999	NO	bb
6	6 181019M1_7	Standard	10.000	3.05	4219.500	4170.271	12.648	10.6	5.7	NO	0.999	NO	bb
7	7 181019M1_8	Standard	50.000	3.05	18867.260	4572.725	51.576	47.8	-4.4	NO	0.999	NO	bb
8	8 181019M1_9	Standard	100.000	3.05	36832.426	4964.015	92.749	101.6	1.6	NO	0.999	NO	bb
9	9 181019M1_10	Standard	250.000	3.05	76928.078	6121.625	157.083			NO	0.999	NO	bbXI
10	10 181019M1_11	Standard	500.000	3.05	126390.828	7766.111	203.433			NO	0.999	NO	bbXI

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: PFHxA

Coefficient of Determination: R² = 0.999905
 Calibration curve: -0.000228477 * x² + 1.11899 * x + 0.0261885
 Response type: Internal Std (Ref 40), 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 181019M1_2	Standard	0.250	3.15	747.760	11651.850	0.321	0.3	5.3	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	3.15	1436.077	11533.558	0.623	0.5	6.6	NO	1.000	NO	MM
3	3 181019M1_4	Standard	1.000	3.14	2809.612	11869.430	1.184	1.0	3.5	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	3.14	5532.294	12095.127	2.287	2.0	1.1	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	3.14	13069.177	12163.206	5.372	4.8	-4.4	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	3.13	25843.100	11683.637	11.060	9.9	-1.2	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	3.13	120108.648	11100.449	54.101	48.8	-2.4	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	3.13	241770.594	11030.278	109.594	100.0	-0.0	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	3.13	540311.313	10064.303	268.430	252.9	1.2	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	3.13	951030.313	9489.840	501.078	498.5	-0.3	NO	1.000	NO	bb

Compound name: PFPeS

Coefficient of Determination: R² = 0.999867
 Calibration curve: -0.000425384 * x² + 1.80709 * x + -0.0138977
 Response type: Internal Std (Ref 38), 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 181019M1_2	Standard	0.250	3.38	63.969	1972.313	0.405	0.2	-7.2	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	3.39	146.093	2002.869	0.912	0.5	2.5	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	3.38	283.551	1942.679	1.824	1.0	1.8	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	3.38	593.644	2027.886	3.659	2.0	1.7	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	3.38	1452.413	2024.025	8.970	5.0	-0.5	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	3.38	2745.270	1908.398	17.982	10.0	-0.2	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	3.38	13472.235	1853.938	90.835	50.9	1.8	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	3.38	25587.158	1786.770	179.004	101.5	1.5	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	3.38	56607.816	1691.818	418.247	245.7	-1.7	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	3.38	94774.695	1480.896	799.978	502.0	0.4	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: PFHpA

Correlation coefficient: $r = 0.999647$, $r^2 = 0.999294$

Calibration curve: $1.36639 * x + 0.0624376$

Response type: Internal Std (Ref 41), 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 181019M1_2	Standard	0.250	3.84	489.110	15202.956	0.402	0.2	-0.6	NO	0.999	NO	MM
2	2 181019M1_3	Standard	0.500	3.84	925.484	15843.729	0.730	0.5	-2.3	NO	0.999	NO	bb
3	3 181019M1_4	Standard	1.000	3.84	1794.728	15572.694	1.441	1.0	0.9	NO	0.999	NO	bb
4	4 181019M1_5	Standard	2.000	3.83	3640.792	15971.340	2.849	2.0	2.0	NO	0.999	NO	bb
5	5 181019M1_6	Standard	5.000	3.83	8555.213	15836.552	6.753	4.9	-2.1	NO	0.999	NO	bb
6	6 181019M1_7	Standard	10.000	3.83	16445.811	15400.407	13.349	9.7	-2.8	NO	0.999	NO	bb
7	7 181019M1_8	Standard	50.000	3.83	78365.031	14193.320	69.016	50.5	0.9	NO	0.999	NO	bb
8	8 181019M1_9	Standard	100.000	3.83	155509.438	13840.079	140.452	102.7	2.7	NO	0.999	NO	bb
9	9 181019M1_10	Standard	250.000	3.83	347064.125	12279.278	353.303	258.5	3.4	NO	0.999	NO	bb
10	10 181019M1_11	Standard	500.000	3.83	583347.875	10920.896	667.697	488.6	-2.3	NO	0.999	NO	bb

Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.998681$

Calibration curve: $-0.000256777 * x^2 + 2.05485 * x + -0.060089$

Response type: Internal Std (Ref 42), 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 181019M1_2	Standard	0.250	4.01	57.833	1498.044	0.483	0.3	5.6	NO	0.999	NO	MM
2	2 181019M1_3	Standard	0.500	4.01	115.602	1654.172	0.874	0.5	-9.1	NO	0.999	NO	MM
3	3 181019M1_4	Standard	1.000	4.00	289.618	1708.209	2.119	1.1	6.1	NO	0.999	NO	MM
4	4 181019M1_5	Standard	2.000	4.00	582.467	1807.509	4.028	2.0	-0.5	NO	0.999	NO	MM
5	5 181019M1_6	Standard	5.000	4.00	1341.967	1681.677	9.975	4.9	-2.3	NO	0.999	NO	MM
6	6 181019M1_7	Standard	10.000	4.00	2564.487	1702.627	18.827	9.2	-8.0	NO	0.999	NO	MM
7	7 181019M1_8	Standard	50.000	4.00	12760.062	1593.591	100.089	49.0	-1.9	NO	0.999	NO	MM
8	8 181019M1_9	Standard	100.000	4.00	24949.504	1631.204	191.189	94.2	-5.8	NO	0.999	NO	MM
9	9 181019M1_10	Standard	250.000	4.00	56792.973	1356.421	523.372	263.4	5.4	NO	0.999	NO	MM
10	10 181019M1_11	Standard	500.000	4.00	98614.359	1293.677	952.850	494.3	-1.1	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.999459$

Calibration curve: $-0.00508399 * x^2 + 1.57193 * x + 0.0499649$

Response type: Internal Std (Ref 43), 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 181019M1_2	Standard	0.250	4.30	150.871	4106.888	0.459	0.3	4.2	NO	0.999	NO	bb
2	2 181019M1_3	Standard	0.500	4.30	262.122	4102.454	0.799	0.5	-4.6	NO	0.999	NO	bb
3	3 181019M1_4	Standard	1.000	4.30	612.231	4328.032	1.768	1.1	9.7	NO	0.999	NO	bb
4	4 181019M1_5	Standard	2.000	4.29	1140.177	4445.529	3.206	2.0	1.0	NO	0.999	NO	bb
5	5 181019M1_6	Standard	5.000	4.29	2819.694	4542.495	7.759	5.0	-0.3	NO	0.999	NO	bb
6	6 181019M1_7	Standard	10.000	4.29	5630.768	4423.662	15.911	10.4	4.4	NO	0.999	NO	bb
7	7 181019M1_8	Standard	50.000	4.29	24776.191	4802.619	64.486	48.6	-2.7	NO	0.999	NO	bb
8	8 181019M1_9	Standard	100.000	4.29	47314.270	5524.120	107.063	101.2	1.2	NO	0.999	NO	bb
9	9 181019M1_10	Standard	250.000	4.29	102903.281	6779.921	189.721			NO	0.999	NO	bbXI
10	10 181019M1_11	Standard	500.000	4.29	166877.125	8715.788	239.332			NO	0.999	NO	bbXI

Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999896$

Calibration curve: $-0.000157474 * x^2 + 1.52025 * x + 0.115516$

Response type: Internal Std (Ref 44), 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 181019M1_2	Standard	0.250	4.35	1028.322	26184.186	0.491	0.2	-1.2	NO	1.000	NO	MM
2	2 181019M1_3	Standard	0.500	4.36	1862.846	25998.699	0.896	0.5	2.6	NO	1.000	NO	MM
3	3 181019M1_4	Standard	1.000	4.35	3506.635	27023.645	1.622	1.0	-0.9	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	4.35	7228.534	28170.068	3.208	2.0	1.7	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	4.35	16607.277	27427.264	7.569	4.9	-1.9	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	4.35	32721.336	26748.391	15.291	10.0	-0.1	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	4.34	156314.656	25532.766	76.526	50.5	1.1	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	4.34	295968.500	25128.357	147.228	97.8	-2.2	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	4.34	674028.813	22500.643	374.450	252.9	1.1	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	4.34	1163865.625	20222.699	719.405	498.9	-0.2	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: PFHpS

Coefficient of Determination: R² = 0.999493

Calibration curve: 0.000147792 * x² + 0.91661 * x + 0.0167126

Response type: Internal Std (Ref 47), 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 181019M1_2	Standard	0.250	4.47	73.450	3735.887	0.246	0.2	-0.1	NO	0.999	NO	bb
2	2 181019M1_3	Standard	0.500	4.47	150.638	3932.687	0.479	0.5	0.8	NO	0.999	NO	bb
3	3 181019M1_4	Standard	1.000	4.47	241.653	3982.539	0.758	0.8	-19.1	NO	0.999	NO	bb
4	4 181019M1_5	Standard	2.000	4.46	593.820	3886.009	1.910	2.1	3.2	NO	0.999	NO	bb
5	5 181019M1_6	Standard	5.000	4.46	1552.952	3946.948	4.918	5.3	6.9	NO	0.999	NO	bb
6	6 181019M1_7	Standard	10.000	4.46	2984.685	3865.317	9.652	10.5	4.9	NO	0.999	NO	bb
7	7 181019M1_8	Standard	50.000	4.46	14618.403	3821.426	47.817	51.7	3.4	NO	0.999	NO	bb
8	8 181019M1_9	Standard	100.000	4.46	28278.447	3706.531	95.367	102.3	2.3	NO	0.999	NO	bb
9	9 181019M1_10	Standard	250.000	4.46	62525.504	3387.865	230.697	242.2	-3.1	NO	0.999	NO	bb
10	10 181019M1_11	Standard	500.000	4.46	110502.602	2770.820	498.510	503.0	0.6	NO	0.999	NO	bb

Compound name: PFNA

Coefficient of Determination: R² = 0.999308

Calibration curve: -0.00011124 * x² + 1.41694 * x + 0.0799444

Response type: Internal Std (Ref 45), 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 181019M1_2	Standard	0.250	4.79	818.731	23293.338	0.439	0.3	1.5	NO	0.999	NO	MM
2	2 181019M1_3	Standard	0.500	4.79	1542.215	23791.111	0.810	0.5	3.1	NO	0.999	NO	bb
3	3 181019M1_4	Standard	1.000	4.79	2938.552	24221.615	1.516	1.0	1.4	NO	0.999	NO	bb
4	4 181019M1_5	Standard	2.000	4.78	5834.939	24539.568	2.972	2.0	2.1	NO	0.999	NO	bb
5	5 181019M1_6	Standard	5.000	4.78	13884.012	24723.381	7.020	4.9	-2.0	NO	0.999	NO	bb
6	6 181019M1_7	Standard	10.000	4.78	27175.992	24473.709	13.880	9.7	-2.5	NO	0.999	NO	bb
7	7 181019M1_8	Standard	50.000	4.78	130533.781	23628.773	69.054	48.9	-2.3	NO	0.999	NO	bb
8	8 181019M1_9	Standard	100.000	4.78	251590.500	23355.387	134.653	95.7	-4.3	NO	0.999	NO	bb
9	9 181019M1_10	Standard	250.000	4.78	562665.313	19503.580	360.617	259.7	3.9	NO	0.999	NO	bb
10	10 181019M1_11	Standard	500.000	4.78	963650.250	17832.680	675.481	496.0	-0.8	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: PFOSA

Coefficient of Determination: R² = 0.999550

Calibration curve: $-0.000144193 * x^2 + 1.29771 * x + 0.00960257$

Response type: Internal Std (Ref 46), 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 181019M1_2	Standard	0.250	4.83	176.719	5860.432	0.377	0.3	13.2	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	4.83	324.986	5930.549	0.685	0.5	4.1	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	4.82	599.490	5757.812	1.301	1.0	-0.4	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	4.82	1223.812	5854.703	2.613	2.0	0.3	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	4.82	2677.895	5731.397	5.840	4.5	-10.1	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	4.82	5533.100	5602.852	12.344	9.5	-4.8	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	4.82	26479.592	5273.983	62.760	48.6	-2.8	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	4.82	53309.785	5289.349	125.984	98.1	-1.9	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	4.82	122767.469	4725.192	324.768	257.6	3.1	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	4.82	215530.891	4425.238	608.812	496.5	-0.7	NO	1.000	NO	bb

Compound name: L-PFOS

Coefficient of Determination: R² = 0.999870

Calibration curve: $0.000276377 * x^2 + 1.13796 * x + 0.0355379$

Response type: Internal Std (Ref 47), 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 181019M1_2	Standard	0.250	4.89	91.168	3735.887	0.305	0.2	-5.3	NO	1.000	NO	MM
2	2 181019M1_3	Standard	0.500	4.89	202.686	3932.687	0.644	0.5	7.0	NO	1.000	NO	MM
3	3 181019M1_4	Standard	1.000	4.88	364.678	3982.539	1.145	1.0	-2.6	NO	1.000	NO	MM
4	4 181019M1_5	Standard	2.000	4.88	771.634	3886.009	2.482	2.1	7.4	NO	1.000	NO	MM
5	5 181019M1_6	Standard	5.000	4.88	1853.155	3946.948	5.869	5.1	2.4	NO	1.000	NO	MM
6	6 181019M1_7	Standard	10.000	4.88	3629.978	3865.317	11.739	10.3	2.6	NO	1.000	NO	MM
7	7 181019M1_8	Standard	50.000	4.87	17709.918	3821.426	57.930	50.3	0.5	NO	1.000	NO	MM
8	8 181019M1_9	Standard	100.000	4.88	35158.887	3706.531	118.571	101.7	1.7	NO	1.000	NO	MM
9	9 181019M1_10	Standard	250.000	4.88	80471.297	3387.865	296.910	246.2	-1.5	NO	1.000	NO	MM
10	10 181019M1_11	Standard	500.000	4.88	141892.969	2770.820	640.122	501.4	0.3	NO	1.000	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: PFDA

Coefficient of Determination: R² = 0.999885
 Calibration curve: $-0.000143441 * x^2 + 1.54129 * x + 0.0772974$
 Response type: Internal Std (Ref 48), 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 181019M1_2	Standard	0.250	5.18	870.374	24159.412	0.450	0.2	-3.2	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	5.19	1620.457	24686.768	0.821	0.5	-3.6	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	5.17	3372.642	24600.459	1.714	1.1	6.2	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	5.17	6766.106	24799.836	3.410	2.2	8.1	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	5.17	14654.857	25018.475	7.322	4.7	-6.0	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	5.17	29504.443	24060.320	15.328	9.9	-1.0	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	5.17	141871.047	23111.412	76.732	50.0	-0.1	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	5.17	271802.000	22594.063	150.372	98.4	-1.6	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	5.17	604622.000	19839.207	380.951	253.1	1.2	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	5.17	1055588.000	17998.809	733.096	498.7	-0.3	NO	1.000	NO	bb

Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.996991
 Calibration curve: $-0.00553629 * x^2 + 1.62914 * x + 0.0726573$
 Response type: Internal Std (Ref 49), 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 181019M1_2	Standard	0.250	5.15	92.812	3015.599	0.385	0.2	-23.3	NO	0.997	NO	bb
2	2 181019M1_3	Standard	0.500	5.15	276.141	3164.828	1.091	0.6	25.2	NO	0.997	NO	bb
3	3 181019M1_4	Standard	1.000	5.14	418.385	3299.718	1.585	0.9	-6.9	NO	0.997	NO	bb
4	4 181019M1_5	Standard	2.000	5.14	1001.746	3440.090	3.640	2.2	10.3	NO	0.997	NO	bb
5	5 181019M1_6	Standard	5.000	5.14	2477.168	3383.165	9.153	5.7	13.7	NO	0.997	NO	bb
6	6 181019M1_7	Standard	10.000	5.14	4349.861	3343.391	16.263	10.3	3.0	NO	0.997	NO	bb
7	7 181019M1_8	Standard	50.000	5.13	19841.516	3863.878	64.189	46.8	-6.4	NO	0.997	NO	bb
8	8 181019M1_9	Standard	100.000	5.13	38053.496	4353.235	109.268	103.3	3.3	NO	0.997	NO	bb
9	9 181019M1_10	Standard	250.000	5.14	82585.930	5510.856	187.326			NO	0.997	NO	bbXI
10	10 181019M1_11	Standard	500.000	5.13	141448.703	7791.918	226.916			NO	0.997	NO	bbXI

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: PFNS

Coefficient of Determination: R² = 0.999834

Calibration curve: 0.000145749 * x² + 0.812414 * x + -0.0288065

Response type: Internal Std (Ref 47), 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 181019M1_2	Standard	0.250	5.26	49.390	3735.887	0.165	0.2	-4.5	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	5.26	108.827	3932.687	0.346	0.5	-7.8	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	5.25	222.949	3982.539	0.700	0.9	-10.3	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	5.25	535.167	3886.009	1.721	2.2	7.7	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	5.25	1367.283	3946.948	4.330	5.4	7.2	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	5.25	2700.709	3865.317	8.734	10.8	7.7	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	5.25	12588.872	3821.426	41.179	50.3	0.5	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	5.25	24638.219	3706.531	83.091	100.5	0.5	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	5.25	56728.434	3387.865	209.307	246.7	-1.3	NO	1.000	NO	MM
10	10 181019M1_11	Standard	500.000	5.25	98404.367	2770.820	443.932	501.4	0.3	NO	1.000	NO	MM

Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.999133

Calibration curve: -0.000423515 * x² + 2.34989 * x + -0.0188002

Response type: Internal Std (Ref 50), 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 181019M1_2	Standard	0.250	5.34	218.302	5406.614	0.505	0.2	-10.9	NO	0.999	NO	MM
2	2 181019M1_3	Standard	0.500	5.35	516.375	5091.937	1.268	0.5	9.5	NO	0.999	NO	MM
3	3 181019M1_4	Standard	1.000	5.33	940.942	5187.712	2.267	1.0	-2.7	NO	0.999	NO	MM
4	4 181019M1_5	Standard	2.000	5.33	2148.908	5409.240	4.966	2.1	6.1	NO	0.999	NO	MM
5	5 181019M1_6	Standard	5.000	5.33	4721.428	5398.086	10.933	4.7	-6.7	NO	0.999	NO	MM
6	6 181019M1_7	Standard	10.000	5.33	9585.561	5139.100	23.315	9.9	-0.5	NO	0.999	NO	MM
7	7 181019M1_8	Standard	50.000	5.33	46791.895	4711.495	124.143	53.4	6.7	NO	0.999	NO	MM
8	8 181019M1_9	Standard	100.000	5.33	89264.625	5151.807	216.586	93.8	-6.2	NO	0.999	NO	MM
9	9 181019M1_10	Standard	250.000	5.33	207748.953	4548.133	570.973	254.7	1.9	NO	0.999	NO	MM
10	10 181019M1_11	Standard	500.000	5.33	353461.406	4144.261	1066.117	498.5	-0.3	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:34 Pacific Daylight Time

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999492

Calibration curve: $-5.72515e-006 * x^2 + 1.47124 * x + -0.0532809$

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 181019M1_2	Standard	0.250	5.51	210.759	7176.536	0.367	0.3	14.3	NO	0.999	NO	MM
2	2 181019M1_3	Standard	0.500	5.51	359.253	7273.662	0.617	0.5	-8.8	NO	0.999	NO	MM
3	3 181019M1_4	Standard	1.000	5.50	936.724	7287.971	1.607	1.1	12.8	NO	0.999	NO	MM
4	4 181019M1_5	Standard	2.000	5.50	1651.933	7561.048	2.731	1.9	-5.4	NO	0.999	NO	MM
5	5 181019M1_6	Standard	5.000	5.50	3853.057	7029.454	6.852	4.7	-6.1	NO	0.999	NO	MM
6	6 181019M1_7	Standard	10.000	5.50	7876.196	7006.627	14.051	9.6	-4.1	NO	0.999	NO	MM
7	7 181019M1_8	Standard	50.000	5.49	37785.391	6582.887	71.749	48.8	-2.4	NO	0.999	NO	MM
8	8 181019M1_9	Standard	100.000	5.50	72474.398	6342.550	142.834	97.2	-2.8	NO	0.999	NO	MM
9	9 181019M1_10	Standard	250.000	5.49	158509.625	5224.125	379.273	258.1	3.2	NO	0.999	NO	MM
10	10 181019M1_11	Standard	500.000	5.49	261975.453	4490.653	729.224	496.6	-0.7	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Compound name: PFUdA

Coefficient of Determination: R² = 0.999968

Calibration curve: $-0.000135758 * x^2 + 1.05034 * x + 0.0612115$

Response type: Internal Std (Ref 51), 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 181019M1_2	Standard	0.250	5.52	790.486	31023.963	0.318	0.2	-2.0	NO	1.000	NO	MM
2	2 181019M1_3	Standard	0.500	5.52	1462.842	30812.789	0.593	0.5	1.4	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	5.51	2759.481	31192.260	1.106	1.0	-0.5	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	5.51	5972.644	32832.699	2.274	2.1	5.4	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	5.51	13275.673	32462.535	5.112	4.8	-3.8	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	5.51	26409.334	31172.346	10.590	10.0	0.4	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	5.51	123058.203	29732.074	51.736	49.5	-1.0	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	5.51	236184.156	28527.336	103.490	99.8	-0.2	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	5.51	512105.406	25048.438	255.558	251.4	0.6	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	5.51	877431.000	22351.906	490.691	499.3	-0.1	NO	1.000	NO	bb

Compound name: PFDS

Coefficient of Determination: R² = 0.999801

Calibration curve: $0.000181204 * x^2 + 1.0687 * x + -0.038199$

Response type: Internal Std (Ref 47), 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 181019M1_2	Standard	0.250	5.57	53.006	3735.887	0.177	0.2	-19.3	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	5.58	147.688	3932.687	0.469	0.5	-5.0	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	5.57	339.398	3982.539	1.065	1.0	3.2	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	5.57	698.058	3886.009	2.245	2.1	6.8	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	5.57	1792.157	3946.948	5.676	5.3	6.8	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	5.56	3518.207	3865.317	11.377	10.7	6.6	NO	1.000	NO	bd
7	7 181019M1_8	Standard	50.000	5.56	16713.666	3821.426	54.671	50.8	1.5	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	5.56	32443.102	3706.531	109.412	100.7	0.7	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	5.56	74109.398	3387.865	273.437	245.7	-1.7	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	5.56	128981.141	2770.820	581.873	501.8	0.4	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: PFDoA

Coefficient of Determination: R² = 0.999892

Calibration curve: $-0.000327718 * x^2 + 1.35825 * x + 0.0136011$

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 181019M1_2	Standard	0.250	5.82	818.323	27090.086	0.378	0.3	7.2	NO	1.000	NO	db
2	2 181019M1_3	Standard	0.500	5.82	1605.565	29076.656	0.690	0.5	-0.4	NO	1.000	NO	bd
3	3 181019M1_4	Standard	1.000	5.81	3295.750	28944.895	1.423	1.0	3.8	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	5.81	6195.192	28970.838	2.673	2.0	-2.1	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	5.81	15450.202	29608.084	6.523	4.8	-4.0	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	5.81	30256.203	28866.361	13.102	9.7	-3.4	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	5.80	141189.000	26989.813	65.390	48.7	-2.6	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	5.81	284595.625	26644.924	133.513	100.7	0.7	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	5.81	623982.125	24217.305	322.075	252.5	1.0	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	5.81	1077473.375	22608.816	595.715	498.5	-0.3	NO	1.000	NO	bb

Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999787

Calibration curve: $-0.000120686 * x^2 + 1.20276 * x + 0.0557619$

Response type: Internal Std (Ref 54), 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 181019M1_2	Standard	1.250	5.66	157.210	15805.162	1.492	1.2	-4.5	NO	1.000	NO	bb
2	2 181019M1_3	Standard	2.500	5.66	283.982	15360.408	2.773	2.3	-9.6	NO	1.000	NO	bb
3	3 181019M1_4	Standard	5.000	5.65	691.590	16718.047	6.205	5.1	2.3	NO	1.000	NO	bb
4	4 181019M1_5	Standard	10.000	5.65	1529.319	17447.314	13.148	10.9	9.0	NO	1.000	NO	bb
5	5 181019M1_6	Standard	25.000	5.65	3516.358	16733.543	31.521	26.2	4.9	NO	1.000	NO	bb
6	6 181019M1_7	Standard	50.000	5.65	7005.860	16788.479	62.595	52.3	4.5	NO	1.000	NO	bb
7	7 181019M1_8	Standard	250.000	5.65	32416.584	17003.715	285.966	243.7	-2.5	NO	1.000	NO	bb
8	8 181019M1_9	Standard	500.000	5.65	64211.129	17103.865	563.128	492.5	-1.5	NO	1.000	NO	bb
9	9 181019M1_10	Standard	1250.000	5.65	143563.422	16178.622	1331.047	1267.9	1.4	NO	1.000	NO	bb
10	10 181019M1_11	Standard	2500.000	5.65	245164.922	16367.030	2246.879	2490.4	-0.4	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: PFTrDA

Coefficient of Determination: R² = 0.999699

Calibration curve: $-0.000364327 * x^2 + 1.42945 * x + 0.0384323$

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 181019M1_2	Standard	0.250	6.08	866.613	27090.086	0.400	0.3	1.1	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	6.08	1746.600	29076.656	0.751	0.5	-0.3	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	6.06	3538.669	28944.895	1.528	1.0	4.2	NO	1.000	NO	MM
4	4 181019M1_5	Standard	2.000	6.06	7044.098	28970.838	3.039	2.1	5.0	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	6.06	16533.674	29608.084	6.980	4.9	-2.8	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	6.06	31503.492	28866.361	13.642	9.5	-4.6	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	6.06	146368.078	26989.813	67.789	48.0	-4.0	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	6.06	295693.813	26644.924	138.720	99.5	-0.5	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	6.06	662481.313	24217.305	341.946	255.9	2.4	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	6.06	1122201.375	22608.816	620.445	497.0	-0.6	NO	1.000	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999281

Calibration curve: $-0.000950143 * x^2 + 2.22344 * x + 0.0921343$

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 181019M1_2	Standard	0.250	6.30	788.410	14480.873	0.681	0.3	5.9	NO	0.999	NO	bb
2	2 181019M1_3	Standard	0.500	6.30	1530.030	15895.508	1.203	0.5	-0.0	NO	0.999	NO	MM
3	3 181019M1_4	Standard	1.000	6.29	3042.940	16319.279	2.331	1.0	0.7	NO	0.999	NO	bb
4	4 181019M1_5	Standard	2.000	6.29	6310.467	16827.898	4.688	2.1	3.4	NO	0.999	NO	bb
5	5 181019M1_6	Standard	5.000	6.29	14576.267	16447.434	11.078	5.0	-1.0	NO	0.999	NO	bb
6	6 181019M1_7	Standard	10.000	6.29	28075.561	16672.762	21.049	9.5	-5.4	NO	0.999	NO	bb
7	7 181019M1_8	Standard	50.000	6.29	134822.266	16123.850	104.521	47.9	-4.1	NO	0.999	NO	bb
8	8 181019M1_9	Standard	100.000	6.29	268832.938	16189.414	207.568	97.4	-2.6	NO	0.999	NO	bb
9	9 181019M1_10	Standard	250.000	6.29	599223.750	14540.178	515.145	260.7	4.3	NO	0.999	NO	bb
10	10 181019M1_11	Standard	500.000	6.29	1038701.750	14983.830	866.519	493.9	-1.2	NO	0.999	NO	db

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: N-EtFOSA

Coefficient of Determination: R² = 0.999954

Calibration curve: $-8.24914e-005 * x^2 + 0.992001 * x + 0.167457$

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 181019M1_2	Standard	1.250	6.22	171.923	20418.717	1.263	1.1	-11.6	NO	1.000	NO	bb
2	2 181019M1_3	Standard	2.500	6.22	367.881	21163.092	2.607	2.5	-1.6	NO	1.000	NO	bb
3	3 181019M1_4	Standard	5.000	6.21	806.946	23058.648	5.249	5.1	2.5	NO	1.000	NO	bb
4	4 181019M1_5	Standard	10.000	6.21	1728.358	23925.879	10.836	10.8	7.6	NO	1.000	NO	bb
5	5 181019M1_6	Standard	25.000	6.20	4035.158	23830.889	25.399	25.5	2.0	NO	1.000	NO	bb
6	6 181019M1_7	Standard	50.000	6.20	7903.309	23534.900	50.372	50.8	1.6	NO	1.000	NO	bb
7	7 181019M1_8	Standard	250.000	6.20	37481.879	23066.164	243.746	250.8	0.3	NO	1.000	NO	bb
8	8 181019M1_9	Standard	500.000	6.20	72880.758	23213.641	470.935	494.9	-1.0	NO	1.000	NO	bb
9	9 181019M1_10	Standard	1250.000	6.20	160217.297	21584.848	1113.401	1252.7	0.2	NO	1.000	NO	bb
10	10 181019M1_11	Standard	2500.000	6.20	277290.906	21174.118	1964.362	2499.6	-0.0	NO	1.000	NO	bb

Compound name: PFHxDA

Coefficient of Determination: R² = 0.999839

Calibration curve: $-0.000198709 * x^2 + 0.524867 * x + 0.0222878$

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 181019M1_2	Standard	0.250	6.66	264.466	9044.208	0.146	0.2	-5.6	NO	1.000	NO	bb
2	2 181019M1_3	Standard	0.500	6.66	579.295	9756.189	0.297	0.5	4.7	NO	1.000	NO	bb
3	3 181019M1_4	Standard	1.000	6.65	1054.944	9963.911	0.529	1.0	-3.4	NO	1.000	NO	bb
4	4 181019M1_5	Standard	2.000	6.65	2268.857	10042.287	1.130	2.1	5.6	NO	1.000	NO	bb
5	5 181019M1_6	Standard	5.000	6.65	5190.260	9852.756	2.634	5.0	-0.3	NO	1.000	NO	bb
6	6 181019M1_7	Standard	10.000	6.65	10459.363	10015.642	5.222	9.9	-0.6	NO	1.000	NO	bb
7	7 181019M1_8	Standard	50.000	6.65	50698.945	9739.770	26.027	50.5	1.0	NO	1.000	NO	bb
8	8 181019M1_9	Standard	100.000	6.65	97188.594	9865.866	49.255	97.4	-2.6	NO	1.000	NO	bb
9	9 181019M1_10	Standard	250.000	6.65	221513.297	9201.739	120.365	253.6	1.5	NO	1.000	NO	bb
10	10 181019M1_11	Standard	500.000	6.65	398760.656	9394.354	212.234	498.3	-0.3	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999499$

Calibration curve: $-0.00036483 * x^2 + 0.911524 * x + 0.018423$

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 181019M1_2	Standard	0.250	6.91	468.782	9044.208	0.259	0.3	5.7	NO	0.999	NO	bb
2	2 181019M1_3	Standard	0.500	6.91	938.043	9756.189	0.481	0.5	1.5	NO	0.999	NO	bb
3	3 181019M1_4	Standard	1.000	6.90	1891.128	9963.911	0.949	1.0	2.1	NO	0.999	NO	bb
4	4 181019M1_5	Standard	2.000	6.90	3853.733	10042.287	1.919	2.1	4.3	NO	0.999	NO	MM
5	5 181019M1_6	Standard	5.000	6.90	9002.811	9852.756	4.569	5.0	0.0	NO	0.999	NO	bb
6	6 181019M1_7	Standard	10.000	6.90	17797.748	10015.642	8.885	9.8	-2.3	NO	0.999	NO	bb
7	7 181019M1_8	Standard	50.000	6.90	84679.250	9739.770	43.471	48.6	-2.8	NO	0.999	NO	bb
8	8 181019M1_9	Standard	100.000	6.90	167712.297	9865.866	84.996	97.0	-3.0	NO	0.999	NO	bb
9	9 181019M1_10	Standard	250.000	6.90	389230.813	9201.739	211.499	258.8	3.5	NO	0.999	NO	bb
10	10 181019M1_11	Standard	500.000	6.90	680156.563	9394.354	362.003	495.3	-0.9	NO	0.999	NO	bb

Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.999580$

Calibration curve: $-1.42598e-005 * x^2 + 1.13171 * x + 0.00193293$

Response type: Internal Std (Ref 58), 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 181019M1_2	Standard	1.250	6.63	159.801	15170.154	1.580	1.4	11.6	NO	1.000	NO	bb
2	2 181019M1_3	Standard	2.500	6.63	276.673	15246.284	2.722	2.4	-3.9	NO	1.000	NO	bb
3	3 181019M1_4	Standard	5.000	6.63	615.753	17099.172	5.402	4.8	-4.6	NO	1.000	NO	bb
4	4 181019M1_5	Standard	10.000	6.63	1346.994	17085.977	11.825	10.4	4.5	NO	1.000	NO	bb
5	5 181019M1_6	Standard	25.000	6.63	3204.475	17340.986	27.719	24.5	-2.0	NO	1.000	NO	bb
6	6 181019M1_7	Standard	50.000	6.63	6131.421	16647.406	55.247	48.8	-2.3	NO	1.000	NO	bb
7	7 181019M1_8	Standard	250.000	6.63	31172.146	17125.744	273.029	242.0	-3.2	NO	1.000	NO	bb
8	8 181019M1_9	Standard	500.000	6.63	62923.023	17212.641	548.344	487.5	-2.5	NO	1.000	NO	bb
9	9 181019M1_10	Standard	1250.000	6.63	158908.234	16622.508	1433.973	1288.0	3.0	NO	1.000	NO	bb
10	10 181019M1_11	Standard	2500.000	6.63	296675.688	16342.327	2723.073	2483.9	-0.6	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: N-EtFOSE

Coefficient of Determination: R² = 0.999916
 Calibration curve: $-7.87016e-006 * x^2 + 1.32852 * x + 0.112667$
 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 181019M1_2	Standard	1.250	6.79	166.774	13848.743	1.806	1.3	2.0	NO	1.000	NO	MM
2	2 181019M1_3	Standard	2.500	6.79	333.844	14646.447	3.419	2.5	-0.4	NO	1.000	NO	MM
3	3 181019M1_4	Standard	5.000	6.79	712.849	16099.551	6.642	4.9	-1.7	NO	1.000	NO	bb
4	4 181019M1_5	Standard	10.000	6.78	1492.045	16088.526	13.911	10.4	3.9	NO	1.000	NO	bb
5	5 181019M1_6	Standard	25.000	6.78	3578.062	16347.266	32.832	24.6	-1.5	NO	1.000	NO	bb
6	6 181019M1_7	Standard	50.000	6.78	6972.116	15837.964	66.032	49.6	-0.7	NO	1.000	NO	bb
7	7 181019M1_8	Standard	250.000	6.78	34475.379	16084.143	321.516	242.3	-3.1	NO	1.000	NO	bb
8	8 181019M1_9	Standard	500.000	6.78	72053.133	16091.197	671.670	507.0	1.4	NO	1.000	NO	bb
9	9 181019M1_10	Standard	1250.000	6.78	175873.859	15958.080	1653.149	1253.6	0.3	NO	1.000	NO	bb
10	10 181019M1_11	Standard	2500.000	6.78	341675.813	15677.709	3269.060	2497.5	-0.1	NO	1.000	NO	bb

Compound name: 13C3-PFBA

Response Factor: 0.7617
 RRF SD: 0.0124387, Relative SD: 1.63302
 Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	1.02	7590.001	9966.789	9.519	12.5	-0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	1.02	7735.378	10006.390	9.663	12.7	1.5	NO		NO	bb
3	3 181019M1_4	Standard	12.500	1.02	7896.596	10154.639	9.720	12.8	2.1	NO		NO	bb
4	4 181019M1_5	Standard	12.500	1.02	8117.264	10601.679	9.571	12.6	0.5	NO		NO	bb
5	5 181019M1_6	Standard	12.500	1.02	7943.982	10333.443	9.610	12.6	0.9	NO		NO	bb
6	6 181019M1_7	Standard	12.500	1.02	7780.099	10147.934	9.583	12.6	0.7	NO		NO	bb
7	7 181019M1_8	Standard	12.500	1.02	7864.615	10580.636	9.291	12.2	-2.4	NO		NO	bb
8	8 181019M1_9	Standard	12.500	1.02	7827.919	10359.591	9.445	12.4	-0.8	NO		NO	bb
9	9 181019M1_10	Standard	12.500	1.02	7436.670	10066.252	9.235	12.1	-3.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	1.01	7132.018	9310.669	9.575	12.6	0.6	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C3-PFPeA

Response Factor: 0.536715
 RRF SD: 0.022405, Relative SD: 4.17447
 Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	2.17	17436.783	32488.318	6.709	12.5	-0.0	NO		NO	MM
2	2 181019M1_3	Standard	12.500	2.17	17356.262	32758.031	6.623	12.3	-1.3	NO		NO	MM
3	3 181019M1_4	Standard	12.500	2.16	17135.449	32939.988	6.503	12.1	-3.1	NO		NO	bb
4	4 181019M1_5	Standard	12.500	2.16	17595.127	33487.113	6.568	12.2	-2.1	NO		NO	bb
5	5 181019M1_6	Standard	12.500	2.16	17477.127	33616.676	6.499	12.1	-3.1	NO		NO	bb
6	6 181019M1_7	Standard	12.500	2.16	17077.100	32396.607	6.589	12.3	-1.8	NO		NO	bb
7	7 181019M1_8	Standard	12.500	2.16	16715.688	31867.197	6.557	12.2	-2.3	NO		NO	bb
8	8 181019M1_9	Standard	12.500	2.16	16417.277	30900.191	6.641	12.4	-1.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	2.16	15391.694	27410.818	7.019	13.1	4.6	NO		NO	bb
10	10 181019M1_11	Standard	12.500	2.16	14460.537	24484.773	7.382	13.8	10.0	NO		NO	bb

Compound name: 13C3-PFBS

Response Factor: 0.536812
 RRF SD: 0.0248703, Relative SD: 4.63297
 Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	2.55	1972.313	3465.142	7.115	13.3	6.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	2.55	2002.869	3590.850	6.972	13.0	3.9	NO		NO	bb
3	3 181019M1_4	Standard	12.500	2.54	1942.679	3736.217	6.499	12.1	-3.1	NO		NO	bb
4	4 181019M1_5	Standard	12.500	2.54	2027.886	3806.198	6.660	12.4	-0.8	NO		NO	bb
5	5 181019M1_6	Standard	12.500	2.54	2024.025	3749.604	6.747	12.6	0.6	NO		NO	bb
6	6 181019M1_7	Standard	12.500	2.54	1908.398	3737.090	6.383	11.9	-4.9	NO		NO	bb
7	7 181019M1_8	Standard	12.500	2.54	1853.938	3569.974	6.491	12.1	-3.3	NO		NO	bb
8	8 181019M1_9	Standard	12.500	2.54	1786.770	3590.959	6.220	11.6	-7.3	NO		NO	bb
9	9 181019M1_10	Standard	12.500	2.54	1691.818	3059.699	6.912	12.9	3.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	2.54	1480.896	2606.613	7.102	13.2	5.8	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C2-4:2 FTS

Response Factor: 1.18123

RRF SD: 0.104103, Relative SD: 8.81305

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	3.06	3734.668	3465.142	13.472	11.4	-8.8	NO		NO	bb
2	2 181019M1_3	Standard	12.500	3.06	4348.203	3590.850	15.136	12.8	2.5	NO		NO	bb
3	3 181019M1_4	Standard	12.500	3.05	4174.629	3736.217	13.967	11.8	-5.4	NO		NO	bb
4	4 181019M1_5	Standard	12.500	3.05	4235.522	3806.198	13.910	11.8	-5.8	NO		NO	bb
5	5 181019M1_6	Standard	12.500	3.05	4319.072	3749.604	14.398	12.2	-2.5	NO		NO	bb
6	6 181019M1_7	Standard	12.500	3.05	4170.271	3737.090	13.949	11.8	-5.5	NO		NO	bb
7	7 181019M1_8	Standard	12.500	3.05	4572.725	3569.974	16.011	13.6	8.4	NO		NO	bb
8	8 181019M1_9	Standard	12.500	3.05	4964.015	3590.959	17.280	14.6	17.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	3.05	6121.625	3059.699	25.009	21.2	69.4	NO		NO	bbX
10	10 181019M1_11	Standard	12.500	3.05	7766.111	2606.613	37.242	31.5	152.2	NO		NO	bbX

Compound name: 13C2-PFHxA

Response Factor: 0.903691

RRF SD: 0.0264223, Relative SD: 2.92382

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	5.000	3.14	11651.850	32488.318	4.483	5.0	-0.8	NO		NO	bb
2	2 181019M1_3	Standard	5.000	3.15	11533.558	32758.031	4.401	4.9	-2.6	NO		NO	bb
3	3 181019M1_4	Standard	5.000	3.14	11869.430	32939.988	4.504	5.0	-0.3	NO		NO	bb
4	4 181019M1_5	Standard	5.000	3.13	12095.127	33487.113	4.515	5.0	-0.1	NO		NO	bb
5	5 181019M1_6	Standard	5.000	3.13	12163.206	33616.676	4.523	5.0	0.1	NO		NO	bb
6	6 181019M1_7	Standard	5.000	3.13	11683.637	32396.607	4.508	5.0	-0.2	NO		NO	bb
7	7 181019M1_8	Standard	5.000	3.13	11100.445	31867.197	4.354	4.8	-3.6	NO		NO	bb
8	8 181019M1_9	Standard	5.000	3.13	11030.278	30900.191	4.462	4.9	-1.2	NO		NO	bb
9	9 181019M1_10	Standard	5.000	3.13	10064.303	27410.818	4.590	5.1	1.6	NO		NO	bb
10	10 181019M1_11	Standard	5.000	3.13	9489.840	24484.773	4.845	5.4	7.2	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C4-PFHpA

Response Factor: 0.463506

RRF SD: 0.0149406, Relative SD: 3.22339

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	3.84	15202.956	32488.318	5.849	12.6	1.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	3.84	15843.729	32758.031	6.046	13.0	4.3	NO		NO	bb
3	3 181019M1_4	Standard	12.500	3.84	15572.694	32939.988	5.909	12.7	2.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	3.84	15971.340	33487.113	5.962	12.9	2.9	NO		NO	bb
5	5 181019M1_6	Standard	12.500	3.84	15836.552	33616.676	5.889	12.7	1.6	NO		NO	bb
6	6 181019M1_7	Standard	12.500	3.84	15400.407	32396.607	5.942	12.8	2.6	NO		NO	bb
7	7 181019M1_8	Standard	12.500	3.83	14193.320	31867.197	5.567	12.0	-3.9	NO		NO	bb
8	8 181019M1_9	Standard	12.500	3.84	13840.079	30900.191	5.599	12.1	-3.4	NO		NO	bb
9	9 181019M1_10	Standard	12.500	3.84	12279.278	27410.818	5.600	12.1	-3.4	NO		NO	bb
10	10 181019M1_11	Standard	12.500	3.84	10920.896	24484.773	5.575	12.0	-3.8	NO		NO	bb

Compound name: 18O2-PFHxS

Response Factor: 0.456943

RRF SD: 0.0178547, Relative SD: 3.90742

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.01	1498.044	3465.142	5.404	11.8	-5.4	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.01	1654.172	3590.850	5.758	12.6	0.8	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.00	1708.209	3736.217	5.715	12.5	0.1	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.00	1807.509	3806.198	5.936	13.0	3.9	NO		NO	MM
5	5 181019M1_6	Standard	12.500	4.00	1681.677	3749.604	5.606	12.3	-1.8	NO		NO	MM
6	6 181019M1_7	Standard	12.500	4.00	1702.627	3737.090	5.695	12.5	-0.3	NO		NO	bb
7	7 181019M1_8	Standard	12.500	4.00	1593.591	3569.974	5.580	12.2	-2.3	NO		NO	bb
8	8 181019M1_9	Standard	12.500	3.99	1631.204	3590.959	5.678	12.4	-0.6	NO		NO	bb
9	9 181019M1_10	Standard	12.500	3.99	1356.421	3059.699	5.541	12.1	-3.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	3.99	1293.677	2606.613	6.204	13.6	8.6	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C2-6:2 FTS

Response Factor: 1.21113

RRF SD: 0.167331, Relative SD: 13.8161

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.30	4106.888	3703.491	13.862	11.4	-8.4	NO		NO	MM
2	2 181019M1_3	Standard	12.500	4.30	4102.454	3812.288	13.451	11.1	-11.1	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.30	4328.032	3910.042	13.836	11.4	-8.6	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.29	4445.529	3822.693	14.537	12.0	-4.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.29	4542.495	3866.272	14.686	12.1	-3.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.29	4423.662	3825.305	14.455	11.9	-4.5	NO		NO	bb
7	7 181019M1_8	Standard	12.500	4.29	4802.619	3637.226	16.505	13.6	9.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.29	5524.120	3490.836	19.781	16.3	30.7	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.29	6779.921	3251.712	26.063	21.5	72.2	NO		NO	bbX
10	10 181019M1_11	Standard	12.500	4.29	8715.788	2920.972	37.298	30.8	146.4	NO		NO	bbX

Compound name: 13C2-PFOA

Response Factor: 0.712666

RRF SD: 0.00937971, Relative SD: 1.31614

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.35	26184.186	36897.391	8.871	12.4	-0.4	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.35	25998.699	37018.949	8.779	12.3	-1.5	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.35	27023.645	38157.910	8.853	12.4	-0.6	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.35	28170.068	38561.773	9.131	12.8	2.5	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.34	27427.264	38648.852	8.871	12.4	-0.4	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.34	26748.391	37319.484	8.959	12.6	0.6	NO		NO	bb
7	7 181019M1_8	Standard	12.500	4.34	25532.766	36528.848	8.737	12.3	-1.9	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.34	25128.357	35017.180	8.970	12.6	0.7	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.34	22500.643	31664.652	8.882	12.5	-0.3	NO		NO	bb
10	10 181019M1_11	Standard	12.500	4.34	20222.699	27993.160	9.030	12.7	1.4	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C5-PFNA

Response Factor: 0.937397

RRF SD: 0.0202914, Relative SD: 2.16466

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.79	23293.338	25364.352	11.479	12.2	-2.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.79	23791.111	25485.809	11.669	12.4	-0.4	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.79	24221.615	25653.131	11.802	12.6	0.7	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.78	24539.568	26238.123	11.691	12.5	-0.2	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.78	24723.381	25734.305	12.009	12.8	2.5	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.78	24473.709	26727.967	11.446	12.2	-2.3	NO		NO	bb
7	7 181019M1_8	Standard	12.500	4.78	23628.773	25880.990	11.412	12.2	-2.6	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.78	23355.387	24124.768	12.101	12.9	3.3	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.78	19503.580	21100.215	11.554	12.3	-1.4	NO		NO	bb
10	10 181019M1_11	Standard	12.500	4.78	17832.680	18559.137	12.011	12.8	2.5	NO		NO	bb

Compound name: 13C8-PFOSA

Response Factor: 0.173376

RRF SD: 0.0121139, Relative SD: 6.98709

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.83	5860.432	32906.844	2.226	12.8	2.7	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.83	5930.549	31539.377	2.350	13.6	8.5	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.82	5757.812	33235.578	2.166	12.5	-0.1	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.82	5854.703	34325.480	2.132	12.3	-1.6	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.82	5731.397	35286.680	2.030	11.7	-6.3	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.82	5602.852	34020.910	2.059	11.9	-5.0	NO		NO	bb
7	7 181019M1_8	Standard	12.500	4.82	5273.983	33857.684	1.947	11.2	-10.2	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.82	5289.349	31272.172	2.114	12.2	-2.4	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.82	4725.192	27003.461	2.187	12.6	0.9	NO		NO	bb
10	10 181019M1_11	Standard	12.500	4.82	4425.238	22483.535	2.460	14.2	13.5	NO		NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C8-PFOS

Response Factor: 1.02097

RRF SD: 0.030947, Relative SD: 3.03115

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.89	3735.887	3703.491	12.609	12.4	-1.2	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.89	3932.687	3812.288	12.895	12.6	1.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.88	3982.539	3910.042	12.732	12.5	-0.2	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.88	3886.009	3822.693	12.707	12.4	-0.4	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.88	3946.948	3866.272	12.761	12.5	-0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.88	3865.317	3825.305	12.631	12.4	-1.0	NO		NO	bb
7	7 181019M1_8	Standard	12.500	4.87	3821.426	3637.226	13.133	12.9	2.9	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.87	3706.531	3490.836	13.272	13.0	4.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.88	3387.865	3251.712	13.023	12.8	2.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	4.88	2770.820	2920.972	11.857	11.6	-7.1	NO		NO	bb

Compound name: 13C2-PFDA

Response Factor: 0.818282

RRF SD: 0.0197873, Relative SD: 2.41815

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	5.18	24159.412	28786.463	10.491	12.8	2.6	NO		NO	bb
2	2 181019M1_3	Standard	12.500	5.18	24686.768	29733.104	10.378	12.7	1.5	NO		NO	bb
3	3 181019M1_4	Standard	12.500	5.17	24600.459	29397.635	10.460	12.8	2.3	NO		NO	bb
4	4 181019M1_5	Standard	12.500	5.17	24799.836	30808.994	10.062	12.3	-1.6	NO		NO	bb
5	5 181019M1_6	Standard	12.500	5.17	25018.475	30950.328	10.104	12.3	-1.2	NO		NO	bb
6	6 181019M1_7	Standard	12.500	5.17	24060.320	29354.309	10.246	12.5	0.2	NO		NO	bb
7	7 181019M1_8	Standard	12.500	5.17	23111.412	29137.449	9.915	12.1	-3.1	NO		NO	bb
8	8 181019M1_9	Standard	12.500	5.17	22594.063	28090.648	10.054	12.3	-1.7	NO		NO	bb
9	9 181019M1_10	Standard	12.500	5.17	19839.207	24921.029	9.951	12.2	-2.7	NO		NO	bb
10	10 181019M1_11	Standard	12.500	5.17	17998.809	21177.250	10.624	13.0	3.9	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C2-8:2 FTS

Response Factor: 0.930834
 RRF SD: 0.149214, Relative SD: 16.0302
 Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	5.15	3015.599	3703.491	10.178	10.9	-12.5	NO		NO	bb
2	2 181019M1_3	Standard	12.500	5.15	3164.828	3812.288	10.377	11.1	-10.8	NO		NO	bb
3	3 181019M1_4	Standard	12.500	5.14	3299.718	3910.042	10.549	11.3	-9.3	NO		NO	bb
4	4 181019M1_5	Standard	12.500	5.14	3440.090	3822.693	11.249	12.1	-3.3	NO		NO	bb
5	5 181019M1_6	Standard	12.500	5.14	3383.165	3866.272	10.938	11.8	-6.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	5.14	3343.391	3825.305	10.925	11.7	-6.1	NO		NO	bb
7	7 181019M1_8	Standard	12.500	5.13	3863.878	3637.226	13.279	14.3	14.1	NO		NO	bb
8	8 181019M1_9	Standard	12.500	5.13	4353.235	3490.836	15.588	16.7	34.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	5.13	5510.856	3251.712	21.184	22.8	82.1	NO		NO	bbX
10	10 181019M1_11	Standard	12.500	5.13	7791.918	2920.972	33.345	35.8	186.6	NO		NO	bbX

Compound name: d3-N-MeFOSAA

Response Factor: 0.160011
 RRF SD: 0.0119752, Relative SD: 7.48398
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	5.34	5406.614	32906.844	2.054	12.8	2.7	NO		NO	bb
2	2 181019M1_3	Standard	12.500	5.34	5091.937	31539.377	2.018	12.6	0.9	NO		NO	bb
3	3 181019M1_4	Standard	12.500	5.33	5187.712	33235.578	1.951	12.2	-2.5	NO		NO	bb
4	4 181019M1_5	Standard	12.500	5.33	5409.240	34325.480	1.970	12.3	-1.5	NO		NO	bb
5	5 181019M1_6	Standard	12.500	5.33	5398.086	35286.680	1.912	12.0	-4.4	NO		NO	bb
6	6 181019M1_7	Standard	12.500	5.33	5139.100	34020.910	1.888	11.8	-5.6	NO		NO	bb
7	7 181019M1_8	Standard	12.500	5.33	4711.495	33857.684	1.739	10.9	-13.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	5.33	5151.807	31272.172	2.059	12.9	3.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	5.33	4548.133	27003.461	2.105	13.2	5.3	NO		NO	bb
10	10 181019M1_11	Standard	12.500	5.33	4144.261	22483.535	2.304	14.4	15.2	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C2-PFUdA

Response Factor: 0.936313
 RRF SD: 0.0335985, Relative SD: 3.58838
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	5.52	31023.963	32906.844	11.785	12.6	0.7	NO		NO	bb
2	2 181019M1_3	Standard	12.500	5.52	30812.789	31539.377	12.212	13.0	4.3	NO		NO	bb
3	3 181019M1_4	Standard	12.500	5.51	31192.260	33235.578	11.732	12.5	0.2	NO		NO	bb
4	4 181019M1_5	Standard	12.500	5.51	32832.699	34325.480	11.956	12.8	2.2	NO		NO	bb
5	5 181019M1_6	Standard	12.500	5.51	32462.535	35286.680	11.500	12.3	-1.7	NO		NO	bb
6	6 181019M1_7	Standard	12.500	5.51	31172.346	34020.910	11.453	12.2	-2.1	NO		NO	bb
7	7 181019M1_8	Standard	12.500	5.51	29732.074	33857.684	10.977	11.7	-6.2	NO		NO	bb
8	8 181019M1_9	Standard	12.500	5.51	28527.336	31272.172	11.403	12.2	-2.6	NO		NO	bb
9	9 181019M1_10	Standard	12.500	5.51	25048.438	27003.461	11.595	12.4	-0.9	NO		NO	bb
10	10 181019M1_11	Standard	12.500	5.51	22351.906	22483.535	12.427	13.3	6.2	NO		NO	MM

Compound name: d5-N-EtFOSAA

Response Factor: 0.208386
 RRF SD: 0.0127463, Relative SD: 6.11668
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	5.51	7176.536	32906.844	2.726	13.1	4.7	NO		NO	bb
2	2 181019M1_3	Standard	12.500	5.51	7273.662	31539.377	2.883	13.8	10.7	NO		NO	bb
3	3 181019M1_4	Standard	12.500	5.49	7287.971	33235.578	2.741	13.2	5.2	NO		NO	bb
4	4 181019M1_5	Standard	12.500	5.49	7561.048	34325.480	2.753	13.2	5.7	NO		NO	bb
5	5 181019M1_6	Standard	12.500	5.49	7029.454	35286.680	2.490	11.9	-4.4	NO		NO	bb
6	6 181019M1_7	Standard	12.500	5.49	7006.627	34020.910	2.574	12.4	-1.2	NO		NO	bb
7	7 181019M1_8	Standard	12.500	5.49	6582.887	33857.684	2.430	11.7	-6.7	NO		NO	bb
8	8 181019M1_9	Standard	12.500	5.49	6342.550	31272.172	2.535	12.2	-2.7	NO		NO	bb
9	9 181019M1_10	Standard	12.500	5.49	5224.125	27003.461	2.418	11.6	-7.2	NO		NO	bb
10	10 181019M1_11	Standard	12.500	5.49	4490.653	22483.535	2.497	12.0	-4.2	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C2-PFDoA

Response Factor: 0.969813

RRF SD: 0.0397909, Relative SD: 4.10295

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	5.81	27090.086	28786.463	11.763	12.1	-3.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	5.82	29076.656	29733.104	12.224	12.6	0.8	NO		NO	bb
3	3 181019M1_4	Standard	12.500	5.81	28944.895	29397.635	12.307	12.7	1.5	NO		NO	bb
4	4 181019M1_5	Standard	12.500	5.81	28970.838	30808.994	11.754	12.1	-3.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	5.81	29608.084	30950.328	11.958	12.3	-1.4	NO		NO	bb
6	6 181019M1_7	Standard	12.500	5.81	28866.361	29354.309	12.292	12.7	1.4	NO		NO	bb
7	7 181019M1_8	Standard	12.500	5.80	26989.813	29137.449	11.579	11.9	-4.5	NO		NO	bb
8	8 181019M1_9	Standard	12.500	5.81	26644.924	28090.648	11.857	12.2	-2.2	NO		NO	bb
9	9 181019M1_10	Standard	12.500	5.80	24217.305	24921.029	12.147	12.5	0.2	NO		NO	bb
10	10 181019M1_11	Standard	12.500	5.80	22608.816	21177.250	13.345	13.8	10.1	NO		NO	bb

Compound name: d3-N-MeFOSA

Response Factor: 0.0443546

RRF SD: 0.00651069, Relative SD: 14.6787

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	150.000	5.69	15805.162	32906.844	6.004	135.4	-9.8	NO		NO	bb
2	2 181019M1_3	Standard	150.000	5.69	15360.408	31539.377	6.088	137.3	-8.5	NO		NO	bb
3	3 181019M1_4	Standard	150.000	5.68	16718.047	33235.578	6.288	141.8	-5.5	NO		NO	bb
4	4 181019M1_5	Standard	150.000	5.68	17447.314	34325.480	6.354	143.2	-4.5	NO		NO	bb
5	5 181019M1_6	Standard	150.000	5.68	16733.543	35286.680	5.928	133.6	-10.9	NO		NO	bb
6	6 181019M1_7	Standard	150.000	5.68	16788.479	34020.910	6.168	139.1	-7.3	NO		NO	bb
7	7 181019M1_8	Standard	150.000	5.68	17003.715	33857.684	6.278	141.5	-5.6	NO		NO	bb
8	8 181019M1_9	Standard	150.000	5.68	17103.865	31272.172	6.837	154.1	2.8	NO		NO	bb
9	9 181019M1_10	Standard	150.000	5.68	16178.622	27003.461	7.489	168.8	12.6	NO		NO	bb
10	10 181019M1_11	Standard	150.000	5.68	16367.030	22483.535	9.099	205.2	36.8	NO		NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C2-PFTeDA

Response Factor: 0.50803

RRF SD: 0.0618648, Relative SD: 12.1774

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	6.30	14480.873	32906.844	5.501	10.8	-13.4	NO		NO	bb
2	2 181019M1_3	Standard	12.500	6.30	15895.508	31539.377	6.300	12.4	-0.8	NO		NO	bb
3	3 181019M1_4	Standard	12.500	6.29	16319.279	33235.578	6.138	12.1	-3.3	NO		NO	bb
4	4 181019M1_5	Standard	12.500	6.29	16827.898	34325.480	6.128	12.1	-3.5	NO		NO	bb
5	5 181019M1_6	Standard	12.500	6.29	16447.434	35286.680	5.826	11.5	-8.3	NO		NO	bb
6	6 181019M1_7	Standard	12.500	6.29	16672.762	34020.910	6.126	12.1	-3.5	NO		NO	bb
7	7 181019M1_8	Standard	12.500	6.29	16123.850	33857.684	5.953	11.7	-6.3	NO		NO	bb
8	8 181019M1_9	Standard	12.500	6.29	16189.414	31272.172	6.471	12.7	1.9	NO		NO	bb
9	9 181019M1_10	Standard	12.500	6.29	14540.178	27003.461	6.731	13.2	6.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	6.29	14983.830	22483.535	8.330	16.4	31.2	NO		NO	bb

Compound name: d5-N-ETFOSA

Response Factor: 0.0601178

RRF SD: 0.00754386, Relative SD: 12.5485

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	150.000	6.25	20418.717	32906.844	7.756	129.0	-14.0	NO		NO	bb
2	2 181019M1_3	Standard	150.000	6.25	21163.092	31539.377	8.388	139.5	-7.0	NO		NO	bb
3	3 181019M1_4	Standard	150.000	6.24	23058.648	33235.578	8.672	144.3	-3.8	NO		NO	bb
4	4 181019M1_5	Standard	150.000	6.24	23925.879	34325.480	8.713	144.9	-3.4	NO		NO	bb
5	5 181019M1_6	Standard	150.000	6.24	23830.889	35286.680	8.442	140.4	-6.4	NO		NO	bb
6	6 181019M1_7	Standard	150.000	6.23	23534.900	34020.910	8.647	143.8	-4.1	NO		NO	bb
7	7 181019M1_8	Standard	150.000	6.23	23066.164	33857.684	8.516	141.7	-5.6	NO		NO	bb
8	8 181019M1_9	Standard	150.000	6.24	23213.641	31272.172	9.279	154.3	2.9	NO		NO	bb
9	9 181019M1_10	Standard	150.000	6.24	21584.848	27003.461	9.992	166.2	10.8	NO		NO	bb
10	10 181019M1_11	Standard	150.000	6.23	21174.118	22483.535	11.772	195.8	30.5	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C2-PFHxDA

Response Factor: 0.777974

RRF SD: 0.10516, Relative SD: 13.5171

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	5.000	6.66	9044.208	32906.844	3.436	4.4	-11.7	NO		NO	bb
2	2 181019M1_3	Standard	5.000	6.66	9756.189	31539.377	3.867	5.0	-0.6	NO		NO	bb
3	3 181019M1_4	Standard	5.000	6.65	9963.911	33235.578	3.747	4.8	-3.7	NO		NO	bb
4	4 181019M1_5	Standard	5.000	6.65	10042.287	34325.480	3.657	4.7	-6.0	NO		NO	bb
5	5 181019M1_6	Standard	5.000	6.65	9852.756	35286.680	3.490	4.5	-10.3	NO		NO	bb
6	6 181019M1_7	Standard	5.000	6.65	10015.642	34020.910	3.680	4.7	-5.4	NO		NO	bb
7	7 181019M1_8	Standard	5.000	6.65	9739.770	33857.684	3.596	4.6	-7.6	NO		NO	bb
8	8 181019M1_9	Standard	5.000	6.65	9865.866	31272.172	3.944	5.1	1.4	NO		NO	bb
9	9 181019M1_10	Standard	5.000	6.65	9201.739	27003.461	4.260	5.5	9.5	NO		NO	bb
10	10 181019M1_11	Standard	5.000	6.65	9394.354	22483.535	5.223	6.7	34.3	NO		NO	bb

Compound name: d7-N-MeFOSE

Response Factor: 0.0444673

RRF SD: 0.00670705, Relative SD: 15.0831

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	150.000	6.62	15170.154	32906.844	5.763	129.6	-13.6	NO		NO	bb
2	2 181019M1_3	Standard	150.000	6.62	15246.284	31539.377	6.043	135.9	-9.4	NO		NO	bb
3	3 181019M1_4	Standard	150.000	6.62	17099.172	33235.578	6.431	144.6	-3.6	NO		NO	bb
4	4 181019M1_5	Standard	150.000	6.62	17085.977	34325.480	6.222	139.9	-6.7	NO		NO	bb
5	5 181019M1_6	Standard	150.000	6.62	17340.986	35286.680	6.143	138.1	-7.9	NO		NO	bb
6	6 181019M1_7	Standard	150.000	6.62	16647.406	34020.910	6.117	137.6	-8.3	NO		NO	bb
7	7 181019M1_8	Standard	150.000	6.62	17125.744	33857.684	6.323	142.2	-5.2	NO		NO	bb
8	8 181019M1_9	Standard	150.000	6.62	17212.641	31272.172	6.880	154.7	3.1	NO		NO	bb
9	9 181019M1_10	Standard	150.000	6.62	16622.508	27003.461	7.695	173.0	15.4	NO		NO	bb
10	10 181019M1_11	Standard	150.000	6.62	16342.327	22483.535	9.086	204.3	36.2	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: d9-N-EtFOSE

Response Factor: 0.0420418
 RRF SD: 0.00675435, Relative SD: 16.0658
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	150.000	6.77	13848.743	32906.844	5.261	125.1	-16.6	NO		NO	bb
2	2 181019M1_3	Standard	150.000	6.78	14646.447	31539.377	5.805	138.1	-8.0	NO		NO	bb
3	3 181019M1_4	Standard	150.000	6.77	16099.551	33235.578	6.055	144.0	-4.0	NO		NO	bb
4	4 181019M1_5	Standard	150.000	6.77	16088.526	34325.480	5.859	139.4	-7.1	NO		NO	bb
5	5 181019M1_6	Standard	150.000	6.77	16347.266	35286.680	5.791	137.7	-8.2	NO		NO	bb
6	6 181019M1_7	Standard	150.000	6.77	15837.964	34020.910	5.819	138.4	-7.7	NO		NO	bb
7	7 181019M1_8	Standard	150.000	6.77	16084.143	33857.684	5.938	141.2	-5.8	NO		NO	bb
8	8 181019M1_9	Standard	150.000	6.77	16091.197	31272.172	6.432	153.0	2.0	NO		NO	bb
9	9 181019M1_10	Standard	150.000	6.77	15958.080	27003.461	7.387	175.7	17.1	NO		NO	bb
10	10 181019M1_11	Standard	150.000	6.77	15677.709	22483.535	8.716	207.3	38.2	NO		NO	bb

Compound name: 13C4-PFBA

Response Factor: 1
 RRF SD: 0, Relative SD: 0
 Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	1.03	9966.789	9966.789	12.500	12.5	0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	1.03	10006.390	10006.390	12.500	12.5	0.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	1.03	10154.639	10154.639	12.500	12.5	0.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	1.03	10601.679	10601.679	12.500	12.5	0.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	1.03	10333.443	10333.443	12.500	12.5	0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	1.03	10147.934	10147.934	12.500	12.5	0.0	NO		NO	bb
7	7 181019M1_8	Standard	12.500	1.02	10580.636	10580.636	12.500	12.5	0.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	1.02	10359.591	10359.591	12.500	12.5	0.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	1.02	10066.252	10066.252	12.500	12.5	0.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	1.01	9310.669	9310.669	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	3.14	32488.318	32488.318	12.500	12.5	0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	3.15	32758.031	32758.031	12.500	12.5	0.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	3.14	32939.988	32939.988	12.500	12.5	0.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	3.13	33487.113	33487.113	12.500	12.5	0.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	3.13	33616.676	33616.676	12.500	12.5	0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	3.13	32396.607	32396.607	12.500	12.5	0.0	NO		NO	bb
7	7 181019M1_8	Standard	12.500	3.13	31867.197	31867.197	12.500	12.5	0.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	3.13	30900.191	30900.191	12.500	12.5	0.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	3.13	27410.818	27410.818	12.500	12.5	0.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	3.13	24484.773	24484.773	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 1.17028e-016, Relative SD: 1.17028e-014

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.01	3465.142	3465.142	12.500	12.5	0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.01	3590.850	3590.850	12.500	12.5	0.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.00	3736.217	3736.217	12.500	12.5	0.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.00	3806.198	3806.198	12.500	12.5	0.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.00	3749.604	3749.604	12.500	12.5	0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.00	3737.090	3737.090	12.500	12.5	0.0	NO		NO	MM
7	7 181019M1_8	Standard	12.500	3.99	3569.974	3569.974	12.500	12.5	0.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.00	3590.959	3590.959	12.500	12.5	0.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.00	3059.699	3059.699	12.500	12.5	0.0	NO		NO	MM
10	10 181019M1_11	Standard	12.500	4.00	2606.613	2606.613	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 8.27511e-017, Relative SD: 8.27511e-015

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.35	36897.391	36897.391	12.500	12.5	0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.35	37018.949	37018.949	12.500	12.5	0.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.35	38157.910	38157.910	12.500	12.5	0.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.34	38561.773	38561.773	12.500	12.5	0.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.34	38648.852	38648.852	12.500	12.5	0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.34	37319.484	37319.484	12.500	12.5	0.0	NO		NO	bb
7	7 181019M1_8	Standard	12.500	4.34	36528.848	36528.848	12.500	12.5	0.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.34	35017.180	35017.180	12.500	12.5	0.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.34	31664.652	31664.652	12.500	12.5	0.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	4.34	27993.160	27993.160	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.79	25364.352	25364.352	12.500	12.5	0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.79	25485.809	25485.809	12.500	12.5	0.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.79	25653.131	25653.131	12.500	12.5	0.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.78	26238.123	26238.123	12.500	12.5	0.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.78	25734.305	25734.305	12.500	12.5	0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.78	26727.967	26727.967	12.500	12.5	0.0	NO		NO	MM
7	7 181019M1_8	Standard	12.500	4.78	25880.990	25880.990	12.500	12.5	0.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.78	24124.768	24124.768	12.500	12.5	0.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.78	21100.215	21100.215	12.500	12.5	0.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	4.78	18559.137	18559.137	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 1.17028e-016, Relative SD: 1.17028e-014

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	4.89	3703.491	3703.491	12.500	12.5	0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	4.89	3812.288	3812.288	12.500	12.5	0.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	4.88	3910.042	3910.042	12.500	12.5	0.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	4.88	3822.693	3822.693	12.500	12.5	0.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	4.88	3866.272	3866.272	12.500	12.5	0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	4.88	3825.305	3825.305	12.500	12.5	0.0	NO		NO	bb
7	7 181019M1_8	Standard	12.500	4.87	3637.226	3637.226	12.500	12.5	0.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	4.88	3490.836	3490.836	12.500	12.5	0.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	4.88	3251.712	3251.712	12.500	12.5	0.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	4.88	2920.972	2920.972	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 1.33432e-016, Relative SD: 1.33432e-014

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	5.18	28786.463	28786.463	12.500	12.5	0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	5.18	29733.104	29733.104	12.500	12.5	0.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	5.17	29397.635	29397.635	12.500	12.5	0.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	5.17	30808.994	30808.994	12.500	12.5	0.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	5.17	30950.328	30950.328	12.500	12.5	0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	5.17	29354.309	29354.309	12.500	12.5	0.0	NO		NO	bb
7	7 181019M1_8	Standard	12.500	5.17	29137.449	29137.449	12.500	12.5	0.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	5.17	28090.648	28090.648	12.500	12.5	0.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	5.17	24921.029	24921.029	12.500	12.5	0.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	5.17	21177.250	21177.250	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:44:46 Pacific Daylight Time

Compound name: 13C7-PFUdA

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181019M1_2	Standard	12.500	5.52	32906.844	32906.844	12.500	12.5	0.0	NO		NO	bb
2	2 181019M1_3	Standard	12.500	5.52	31539.377	31539.377	12.500	12.5	0.0	NO		NO	bb
3	3 181019M1_4	Standard	12.500	5.51	33235.578	33235.578	12.500	12.5	0.0	NO		NO	bb
4	4 181019M1_5	Standard	12.500	5.51	34325.480	34325.480	12.500	12.5	0.0	NO		NO	bb
5	5 181019M1_6	Standard	12.500	5.51	35286.680	35286.680	12.500	12.5	0.0	NO		NO	bb
6	6 181019M1_7	Standard	12.500	5.51	34020.910	34020.910	12.500	12.5	0.0	NO		NO	bb
7	7 181019M1_8	Standard	12.500	5.51	33857.684	33857.684	12.500	12.5	0.0	NO		NO	bb
8	8 181019M1_9	Standard	12.500	5.51	31272.172	31272.172	12.500	12.5	0.0	NO		NO	bb
9	9 181019M1_10	Standard	12.500	5.51	27003.461	27003.461	12.500	12.5	0.0	NO		NO	bb
10	10 181019M1_11	Standard	12.500	5.51	22483.535	22483.535	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:47:18 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	36	0.9996	NO	
2	2 PFPeA	37	0.9999	NO	
3	3 PFBS	38	0.9999	NO	
4	4 4:2 FTS	39	0.9988	NO	
5	5 PFHxA	40	0.9999	NO	
6	6 PFPeS	38	0.9999	NO	
7	7 PFHpA	41	0.9993	NO	
8	8 L-PFHxS	42	0.9987	NO	
9	10 6:2 FTS	43	0.9995	NO	
10	11 L-PFOA	44	0.9999	NO	
11	13 PFHpS	47	0.9995	NO	
12	14 PFNA	45	0.9993	NO	
13	15 PFOSA	46	0.9996	NO	
14	16 L-PFOS	47	0.9999	NO	
15	18 PFDA	48	0.9999	NO	
16	19 8:2 FTS	49	0.9970	NO	
17	20 PFNS	47	0.9998	NO	
18	21 L-MeFOSAA	50	0.9991	NO	
19	23 L-EiFOSAA	52	0.9995	NO	

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:47:31 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	51	1.0000	NO	
2	26 PFDS	47	0.9998	NO	
3	27 PFDoA	53	0.9999	NO	
4	28 N-MeFOSA	54	0.9998	NO	
5	29 PFTTrDA	53	0.9997	NO	
6	30 PFTeDA	55	0.9993	NO	
7	31 N-EtFOSA	56	1.0000	NO	
8	32 PFHxDA	57	0.9998	NO	
9	33 PFODA	57	0.9995	NO	
10	34 N-MeFOSE	58	0.9996	NO	
11	35 N-EtFOSE	59	0.9999	NO	
12	36 13C3-PFBA	60		NO	1.633
13	37 13C3-PFPeA	61		NO	4.174
14	38 13C3-PFBS	62		NO	4.633
15	39 13C2-4:2 FTS	62		NO	8.813
16	40 13C2-PFHxA	61		NO	2.924
17	41 13C4-PFHpA	61		NO	3.223
18	42 18O2-PFHxS	62		NO	3.907
19	43 13C2-6:2 FTS	65		NO	13.816
20	44 13C2-PFOA	63		NO	1.316
21	45 13C5-PFNA	64		NO	2.165
22	46 13C8-PFOSA	67		NO	6.987
23	47 13C8-PFOS	65		NO	3.031
24	48 13C2-PFDA	66		NO	2.418
25	49 13C2-8:2 FTS	65		NO	16.030
26	50 d3-N-MeFOSAA	67		NO	7.484
27	51 13C2-PFUdA	67		NO	3.588
28	52 d5-N-EtFOSAA	67		NO	6.117
29	53 13C2-PFDoA	66		NO	4.103
30	54 d3-N-MeFOSA	67		NO	14.679
31	55 13C2-PFTeDA	67		NO	12.177
32	56 d5-N-ETFOSA	67		NO	12.548

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:47:31 Pacific Daylight Time

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702

	# Name	IS#	CoD	CoD Flag	%RSD
33	57 13C2-PFHxDA	67		NO	13.517
34	58 d7-N-MeFOSE	67		NO	15.083
35	59 d9-N-EtFOSE	67		NO	16.066
36	60 13C4-PFBA	60		NO	0.000
37	61 13C5-PFHxA	61		NO	0.000
38	62 13C3-PFHxS	62		NO	0.000
39	63 13C8-PFOA	63		NO	0.000
40	64 13C9-PFNA	64		NO	0.000
41	65 13C4-PFOS	65		NO	0.000
42	66 13C6-PFDA	66		NO	0.000
43	67 13C7-PFUdA	67		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:01 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_7, Date: 19-Oct-2018, Time: 11:29:32, ID: ST181019M1-6 PFC CS3 18J1707, Description: PFC CS3 18J1707

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.807	NO
4	4:2 FTS	1.729	NO
5	PFHxA	15.835	NO
6	PFPeS	1.565	NO
7	PFHpA	12.280	NO
8	L-PFHxS	1.719	NO
9	6:2 FTS	3.260	NO
10	L-PFOA	3.624	NO
11	PFHpS	1.717	NO
12	PFNA	4.436	NO
13	PFOSA	24.184	NO
14	L-PFOS	2.003	NO
15	PFDA	5.400	NO
16	8:2 FTS	2.293	NO
17	PFNS	1.535	NO
18	L-MeFOSAA	2.752	NO
19	L-EtFOSAA	1.553	NO

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:09 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_7, Date: 19-Oct-2018, Time: 11:29:32, ID: ST181019M1-6 PFC CS3 18J1707, Description: PFC CS3 18J1707

	Name	Ion Ratio	Ratio out?
1	PFUdA	9.739	NO
2	PFDS	1.695	NO
3	PFDoA	7.916	NO
4	N-MeFOSA	1.602	NO
5	PFTTrDA	24.993	NO
6	PFTeDA	13.406	NO
7	N-EiFOSA	1.536	NO
8	PFHxDA	19.419	NO
9	PFODA		
10	N-MeFOSE		
11	N-EiFOSE		

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Saturday, October 20, 2018 13:50:43 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:51:02 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181019M1_1	IPA	19-Oct-18	10:26:03
2	2 181019M1_2	ST181019M1-1 PFC CS-2 18J1702	19-Oct-18	10:36:38
3	3 181019M1_3	ST181019M1-2 PFC CS-1 18J1703	19-Oct-18	10:47:11
4	4 181019M1_4	ST181019M1-3 PFC CS0 18J1704	19-Oct-18	10:57:49
5	5 181019M1_5	ST181019M1-4 PFC CS1 18J1705	19-Oct-18	11:08:22
6	6 181019M1_6	ST181019M1-5 PFC CS2 18J1706	19-Oct-18	11:19:00
7	7 181019M1_7	ST181019M1-6 PFC CS3 18J1707	19-Oct-18	11:29:32
8	8 181019M1_8	ST181019M1-7 PFC CS4 18J1708	19-Oct-18	11:40:11
9	9 181019M1_9	ST181019M1-8 PFC CS5 18J1709	19-Oct-18	11:50:49
10	10 181019M1_10	ST181019M1-9 PFC CS6 18J1710	19-Oct-18	12:01:22
11	11 181019M1_11	ST181019M1-10 PFC CS7 18J1711	19-Oct-18	12:12:00
12	12 181019M1_12	IPA	19-Oct-18	12:22:33
13	13 181019M1_13	IGV181019M1-1 PFC IGV 18J1712	19-Oct-18	12:33:12
14	14 181019M1_14	IPA	19-Oct-18	12:43:45

DNU; see following page for ICV log

Dataset: Untitled

Last Altered: Saturday, October 20, 2018 13:54:11 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:54:15 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181019M1_36	ICV181019M1-1 PFC ICV 18J0811	19-Oct-18	16:37:16

ICV injected after samples in 1019M1;
DNU Q4_10-19-18 calibration for samples
injected prior to 181019M1-36

Dataset: Untitled

Last Altered: Saturday, October 20, 2018 11:56:36 Pacific Daylight Time

Printed: Saturday, October 20, 2018 11:56:47 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918.mdb 20 Oct 2018 11:39:38

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-17-18.cdb 18 Oct 2018 13:13:00

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181019M1_1	IPA	19-Oct-18	10:26:03
2	2 181019M1_2	ST181019M1-1 PFC CS-2 18J1702	19-Oct-18	10:36:38
3	3 181019M1_3	ST181019M1-2 PFC CS-1 18J1703	19-Oct-18	10:47:11
4	4 181019M1_4	ST181019M1-3 PFC CS0 18J1704	19-Oct-18	10:57:49
5	5 181019M1_5	ST181019M1-4 PFC CS1 18J1705	19-Oct-18	11:08:22
6	6 181019M1_6	ST181019M1-5 PFC CS2 18J1706	19-Oct-18	11:19:00
7	7 181019M1_7	ST181019M1-6 PFC CS3 18J1707	19-Oct-18	11:29:32
8	8 181019M1_8	ST181019M1-7 PFC CS4 18J1708	19-Oct-18	11:40:11
9	9 181019M1_9	ST181019M1-8 PFC CS5 18J1709	19-Oct-18	11:50:49
10	10 181019M1_10	ST181019M1-9 PFC CS6 18J1710	19-Oct-18	12:01:22
11	11 181019M1_11	ST181019M1-10 PFC CS7 18J1711	19-Oct-18	12:12:00
12	12 181019M1_12	IPA	19-Oct-18	12:22:33
13	13 181019M1_13	ICV181019M1-1 PFC ICV 18J1712	19-Oct-18	12:33:12
14	14 181019M1_14	IPA	19-Oct-18	12:43:45
15	15 181019M1_15	B8J0135-BS1 OPR 0.125	19-Oct-18	12:54:26
16	16 181019M1_16	1803319-03RE1 REEPAC437 0.11926	19-Oct-18	13:05:02
17	17 181019M1_17	1803319-04RE1 REEPAC673 0.11792	19-Oct-18	13:15:35
18	18 181019M1_18	1803319-05RE1 REEPEF438 0.11781	19-Oct-18	13:26:14
19	19 181019M1_19	1803319-06RE1 REEPAR438 0.11591	19-Oct-18	13:36:46
20	20 181019M1_20	1803319-07RE1 REEPAC438 0.11883	19-Oct-18	13:47:25
21	21 181019M1_21	1803319-14RE1 REEPAC440 0.11798	19-Oct-18	13:57:58
22	22 181019M1_22	1803319-15RE1 REEPEF441 0.11813	19-Oct-18	14:08:35
23	23 181019M1_23	1803319-16RE1 REEPAR441 0.11624	19-Oct-18	14:19:07
24	24 181019M1_24	B8J0027-BS1 OPR 0.25	19-Oct-18	14:29:46
25	25 181019M1_25	1803191-01 090817 0.25	19-Oct-18	14:40:19
26	26 181019M1_26	IPA	19-Oct-18	14:50:58
27	27 181019M1_27	ST181019M1-11 PFC CS3 18J1707	19-Oct-18	15:01:36
28	28 181019M1_28	B8J0115-BS1 OPR 0.25	19-Oct-18	15:12:12
29	29 181019M1_29	B8J0115-BSD1 LCSD 0.25	19-Oct-18	15:22:47
30	30 181019M1_30	B8J0115-BLK1 Method Blank 0.25	19-Oct-18	15:33:19
31	31 181019M1_31	1803286-01 OC-RW03B-1018 0.12015	19-Oct-18	15:43:58
32	32 181019M1_32	1803286-02 OC-RW03BP-1018 0.11921	19-Oct-18	15:54:31

Dataset: Untitled

Last Altered: Saturday, October 20, 2018 11:56:36 Pacific Daylight Time
 Printed: Saturday, October 20, 2018 11:56:47 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	33 181019M1_33	1803286-03 OC-FB03B-1018 0.11858	19-Oct-18	16:05:09
34	34 181019M1_34	1803286-04 OC-RW03-1018 0.11784	19-Oct-18	16:15:47
35	35 181019M1_35	1803286-05 OC-FB03-1018 0.11738	19-Oct-18	16:26:20
36	36 181019M1_36	ICV181019M1-1 PFC ICV 18J0811	19-Oct-18	16:37:16
37	37 181019M1_37	1803286-06 OC-RW04-1018 0.11521	19-Oct-18	16:48:13
38	38 181019M1_38	1803286-07 OC-FB04-1018 0.11884	19-Oct-18	16:58:48
39	39 181019M1_39	1803289-01 GWTP05-1001-01NS 0.15622	19-Oct-18	17:09:21
40	40 181019M1_40	1803294-01 WE13-GW-Tank3-IDW-10102018 0.11256	19-Oct-18	17:20:00
41	41 181019M1_41	B8J0136-BS1 OPR 0.125	19-Oct-18	17:30:32
42	42 181019M1_42	B8J0136-BLK1 Method Blank 0.125	19-Oct-18	17:41:03
43	43 181019M1_43	1803323-01 101218-GRW-EW1 0.1171	19-Oct-18	17:51:41
44	44 181019M1_44	1803323-02 101218-GRW-EW2 0.11885	19-Oct-18	18:02:14
45	45 181019M1_45	1803323-03 101218-GRW-EW3R 0.11611	19-Oct-18	18:12:52
46	46 181019M1_46	1803323-04 101218-GRW-EW3R-D 0.11798	19-Oct-18	18:23:30
47	47 181019M1_47	IPA	19-Oct-18	18:34:03
48	48 181019M1_48	ST181019M1-12 PFC CS3 18J1707	19-Oct-18	18:44:41
49	49 181019M1_49	1803323-05 101218-GRW-EW4 0.11553	19-Oct-18	18:55:14
50	50 181019M1_50	1803323-06 101218-GRW-EW5 0.11205	19-Oct-18	19:05:52
51	51 181019M1_51	1803323-07 101218-GRW-ITI Sump 0.1157	19-Oct-18	19:16:30
52	52 181019M1_52	1803323-08 101218-GRW-ITI Sump-2 0.11247	19-Oct-18	19:27:03
53	53 181019M1_53	1803323-09 101218-GRW-ITI Effluent Discharge 0.116	19-Oct-18	19:37:33
54	54 181019M1_54	1803323-10 101218-QCW-442057-F 0.12049	19-Oct-18	19:48:03
55	55 181019M1_55	B8J0013-BS1 OPR 0.25	19-Oct-18	19:58:42
56	56 181019M1_56	B8J0013-BLK1 Method Blank 0.25	19-Oct-18	20:09:14
57	57 181019M1_57	1803186-01 GW1809241510SK 0.25949	19-Oct-18	20:19:52
58	58 181019M1_58	1803186-02 GW1809241620SK 0.2608	19-Oct-18	20:30:31
59	59 181019M1_59	1803186-03 GW1809241645GC 0.25058	19-Oct-18	20:41:04
60	60 181019M1_60	1803186-04 GW1809241745GC 0.25281	19-Oct-18	20:51:42

----- Closing CCAL did not inj; use injections after
 ST181019M1-12 for IIS areas only

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

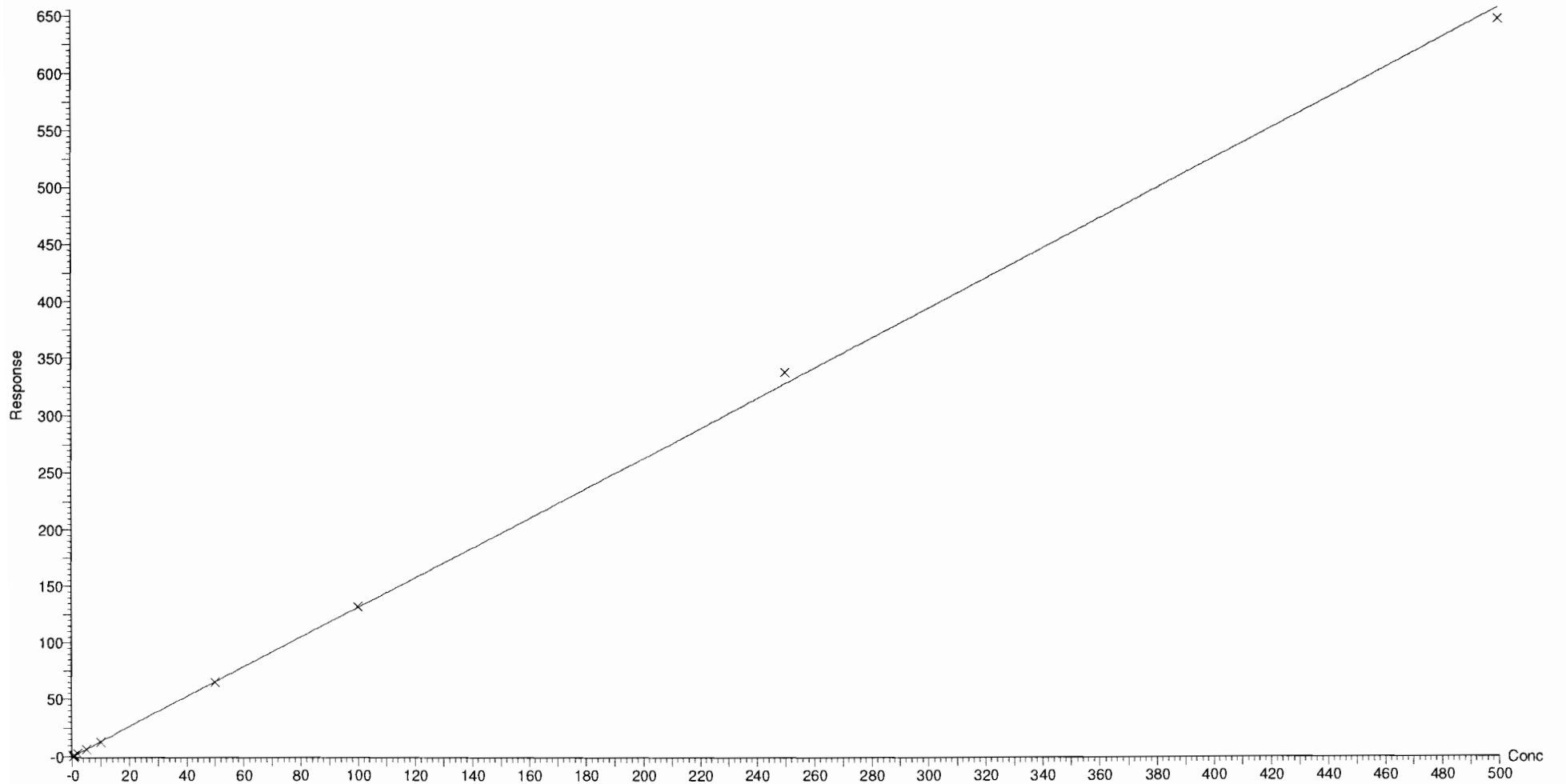
Compound name: PFBA

Correlation coefficient: $r = 0.999806$, $r^2 = 0.999612$

Calibration curve: $1.31064 * x + 0.106734$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

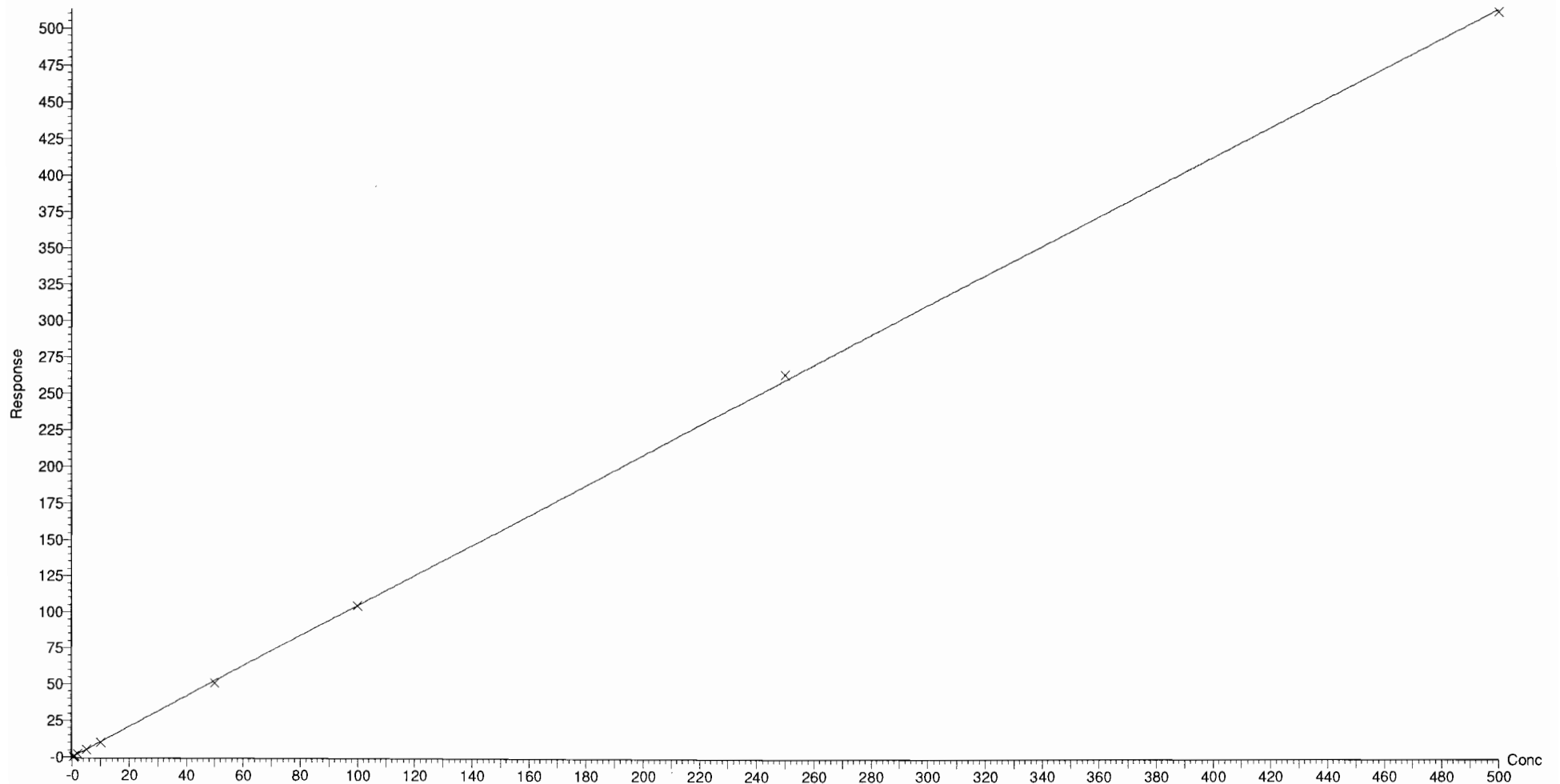
Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999866$

Calibration curve: $-5.06046e-005 * x^2 + 1.05184 * x + 0.0209729$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

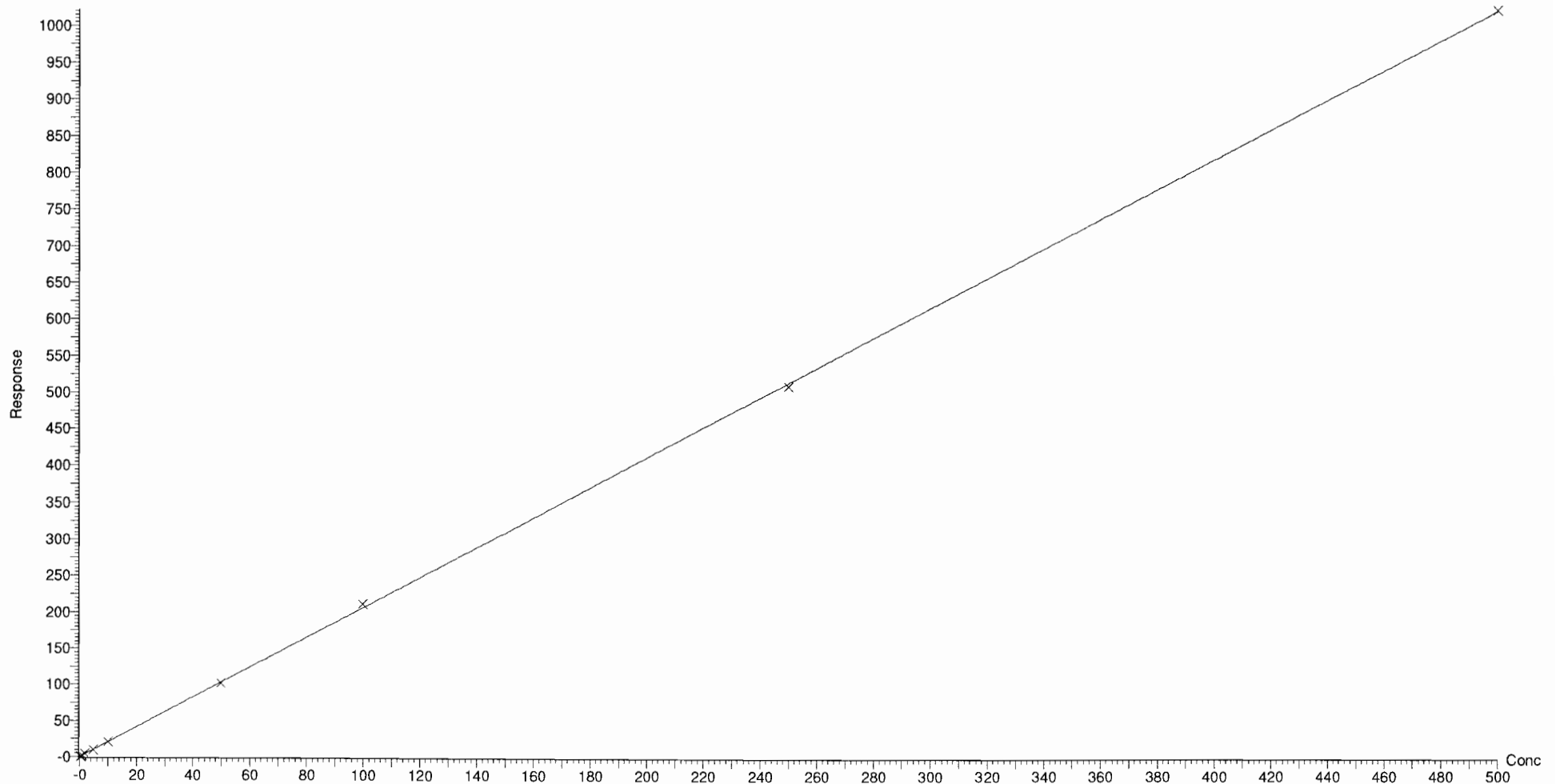
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999868$

Calibration curve: $-6.29034e-005 * x^2 + 2.07235 * x + 0.0131884$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

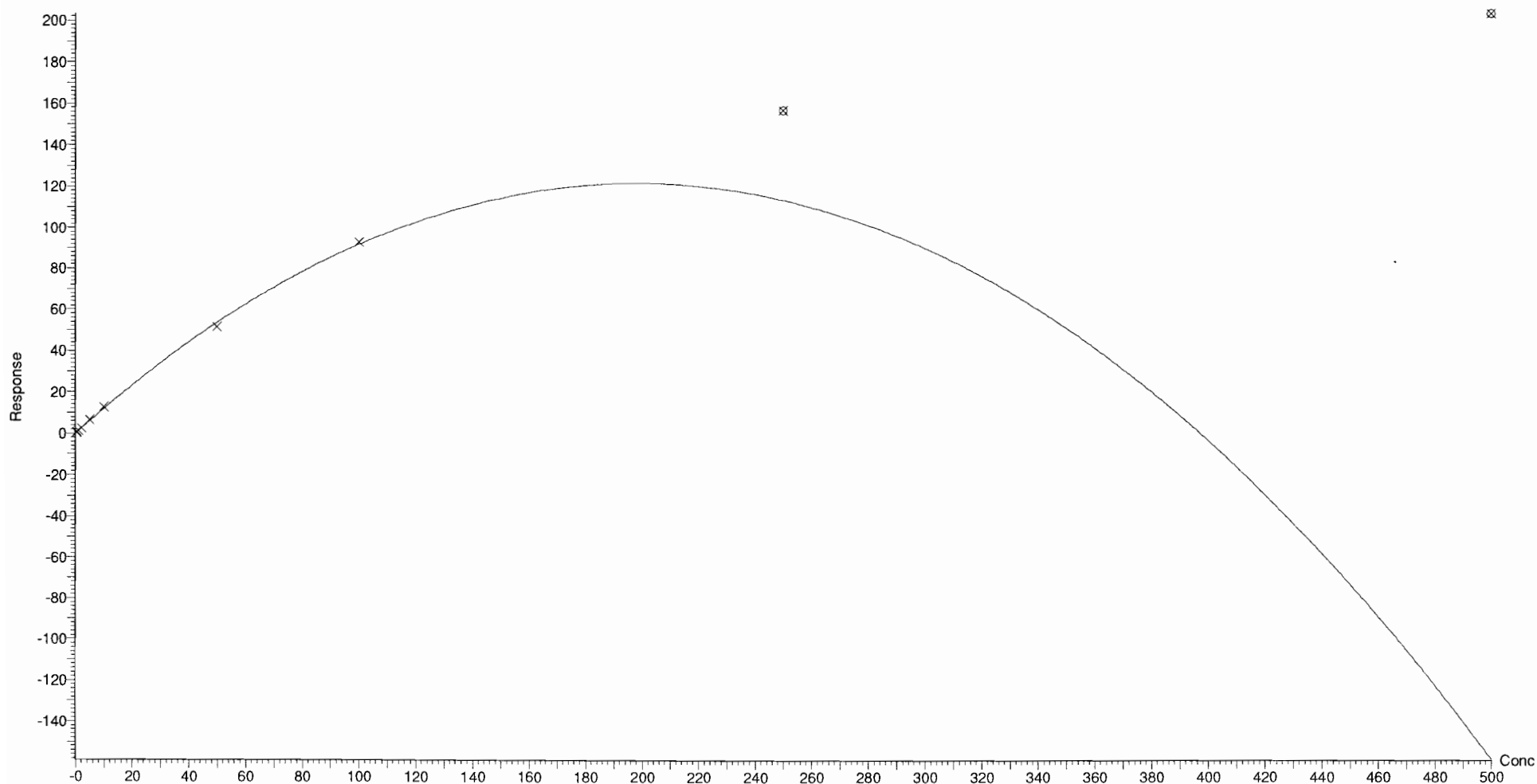
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.998846$

Calibration curve: $-0.00308619 * x^2 + 1.22642 * x + 0.0274375$

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

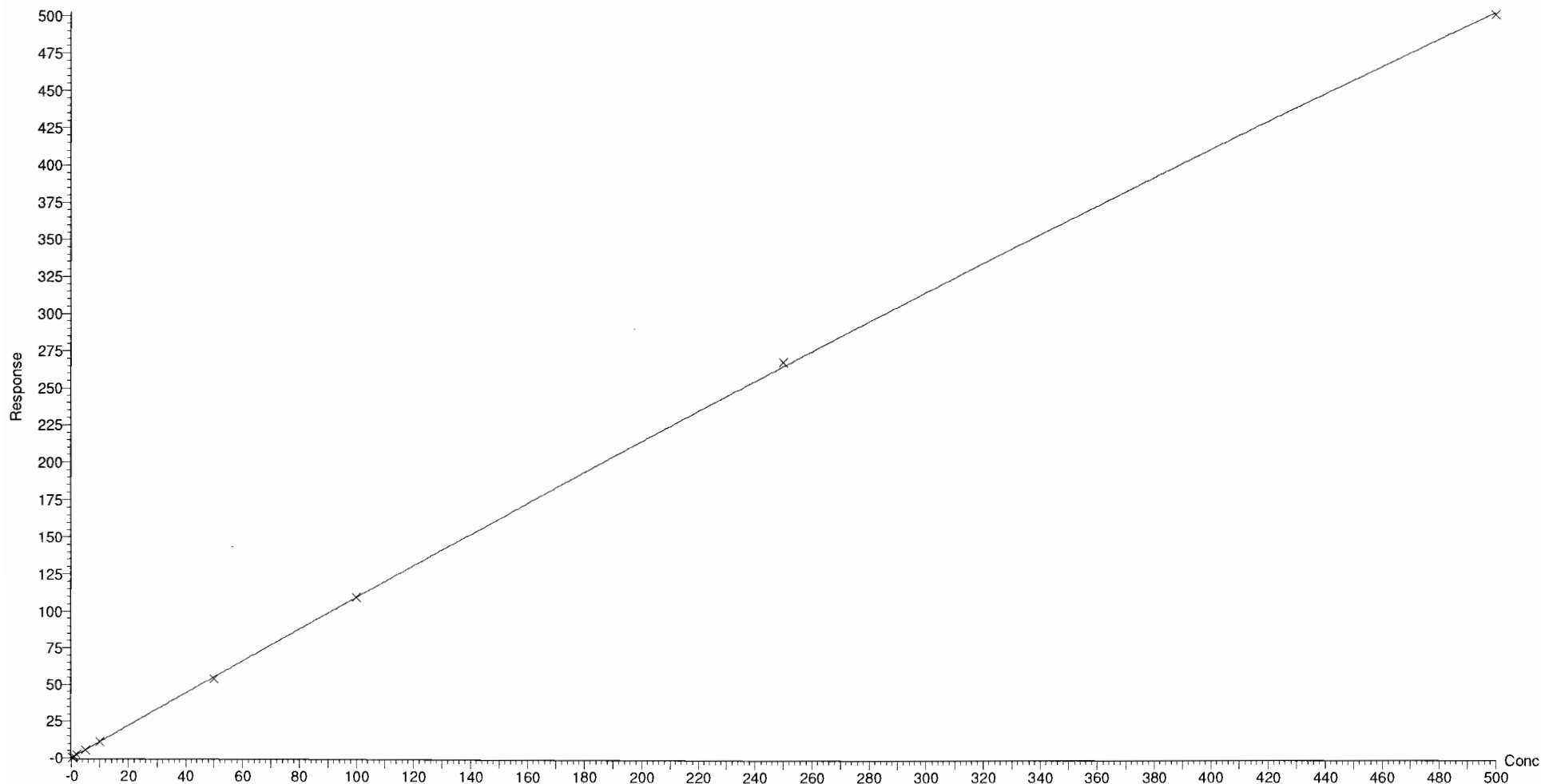
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999905$

Calibration curve: $-0.000228477 * x^2 + 1.11899 * x + 0.0261885$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

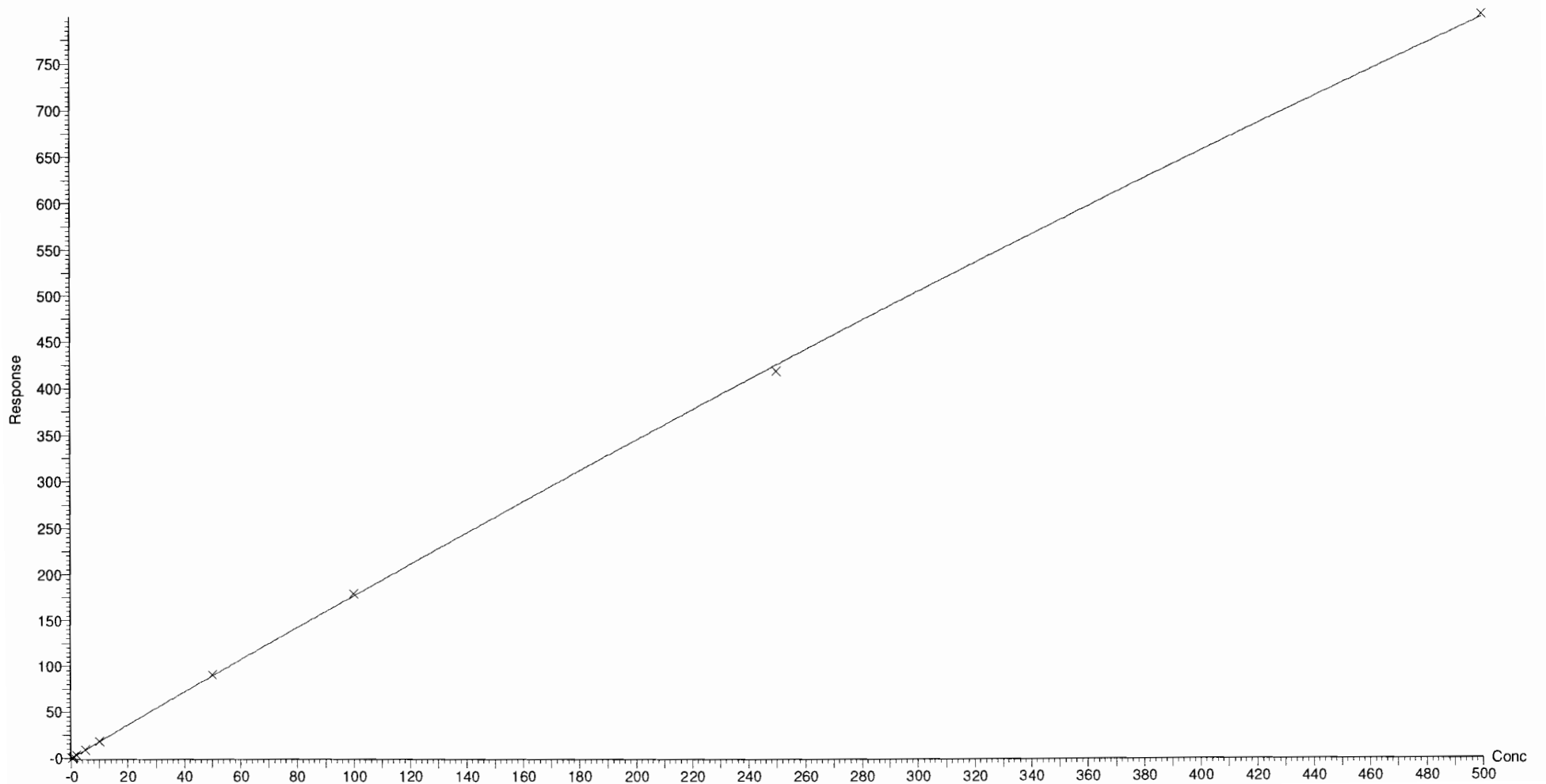
Compound name: PFPeS

Coefficient of Determination: $R^2 = 0.999867$

Calibration curve: $-0.000425384 * x^2 + 1.80709 * x + -0.0138977$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

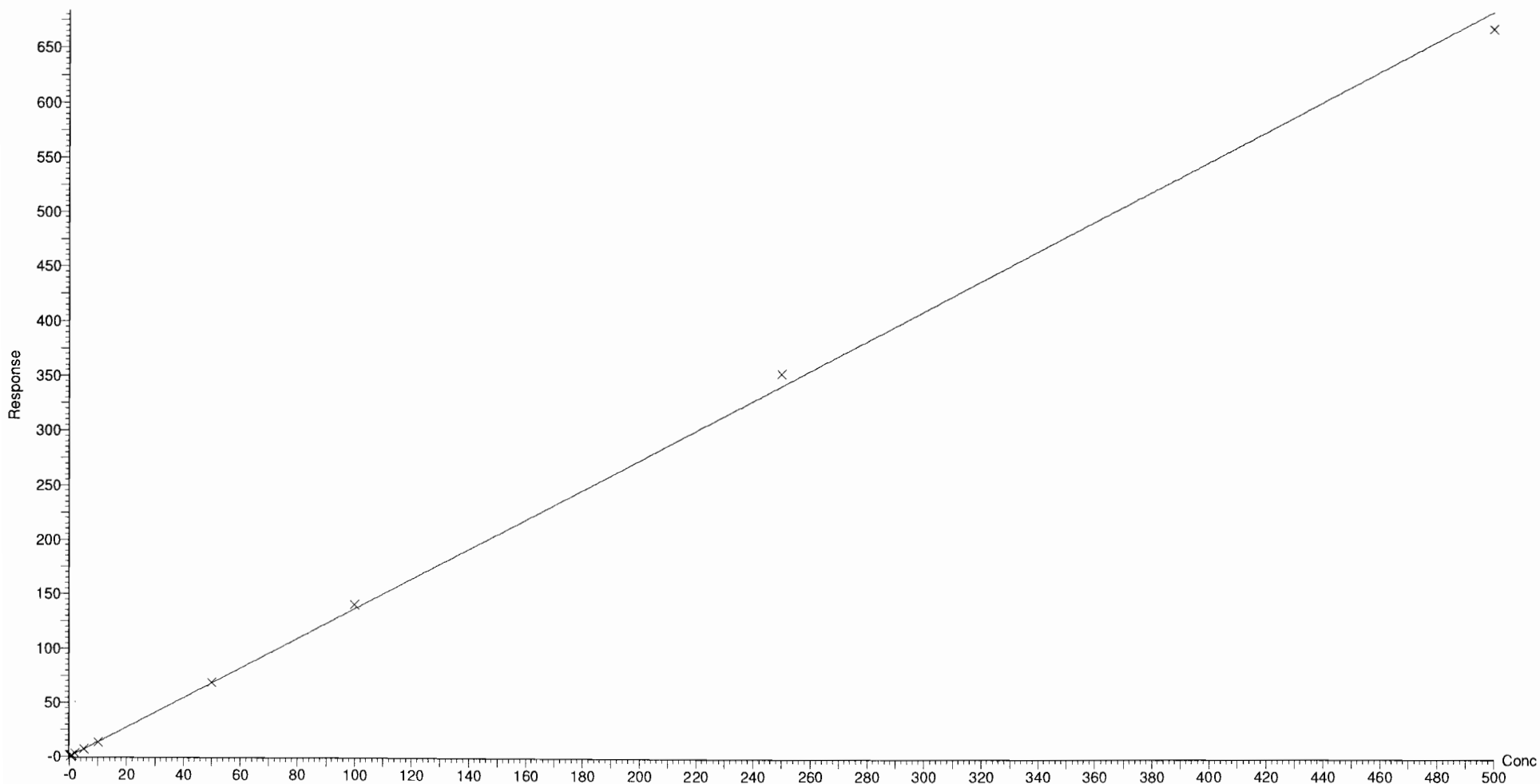
Compound name: PFHpA

Correlation coefficient: $r = 0.999647$, $r^2 = 0.999294$

Calibration curve: $1.36639 * x + 0.0624376$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

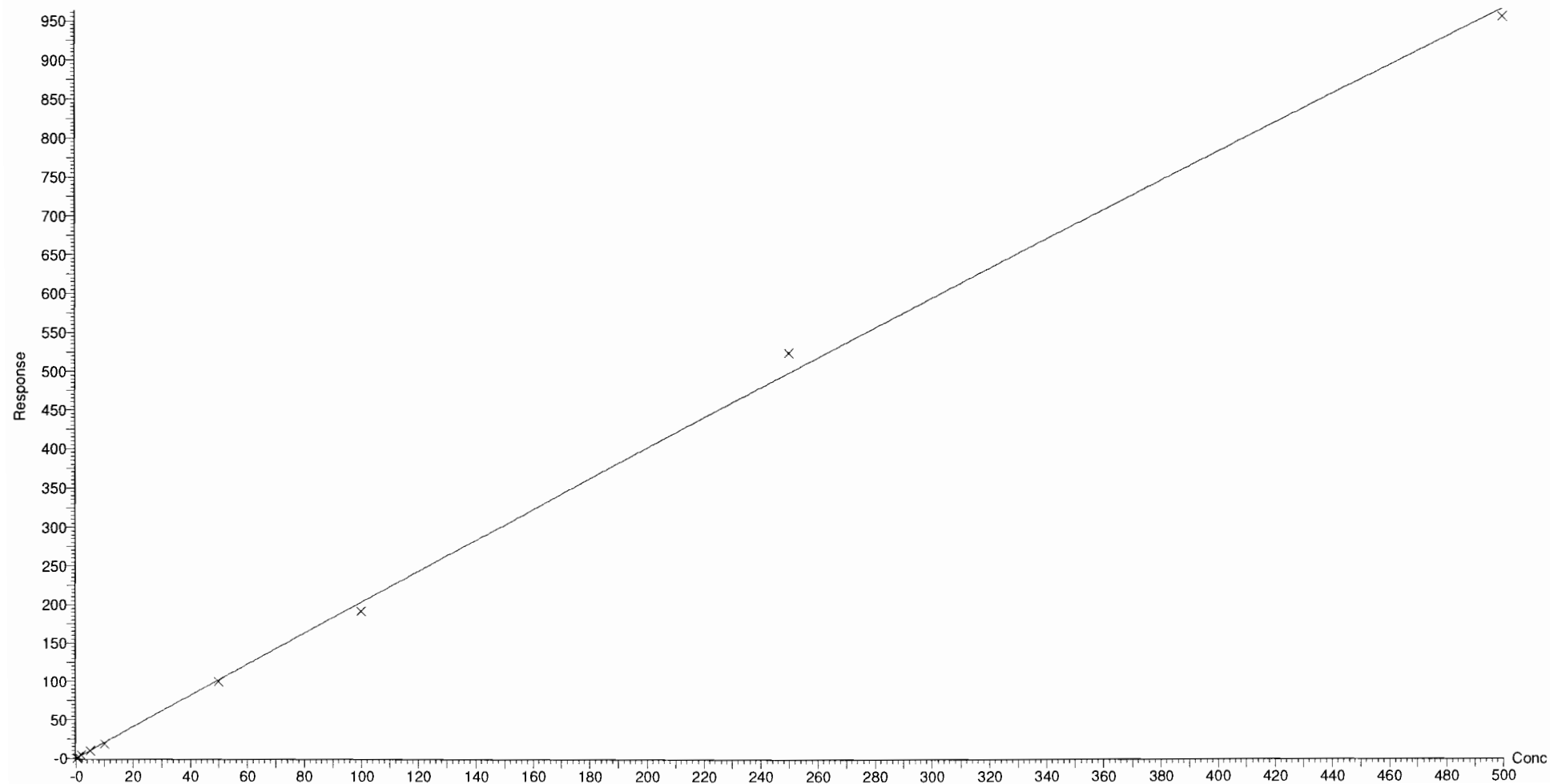
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.998681$

Calibration curve: $-0.000256777 * x^2 + 2.05485 * x + -0.060089$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

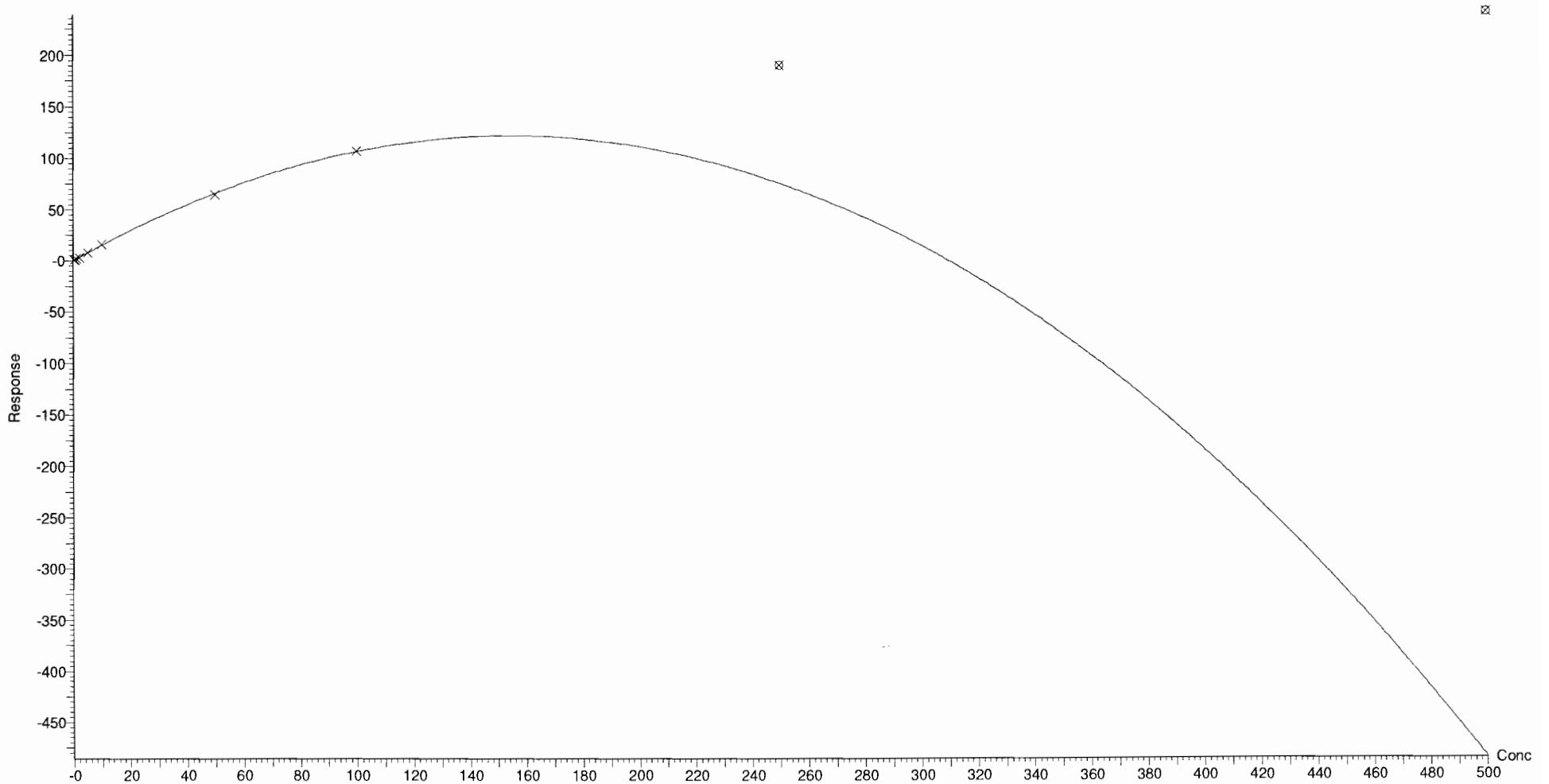
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.999459$

Calibration curve: $-0.00508399 * x^2 + 1.57193 * x + 0.0499649$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

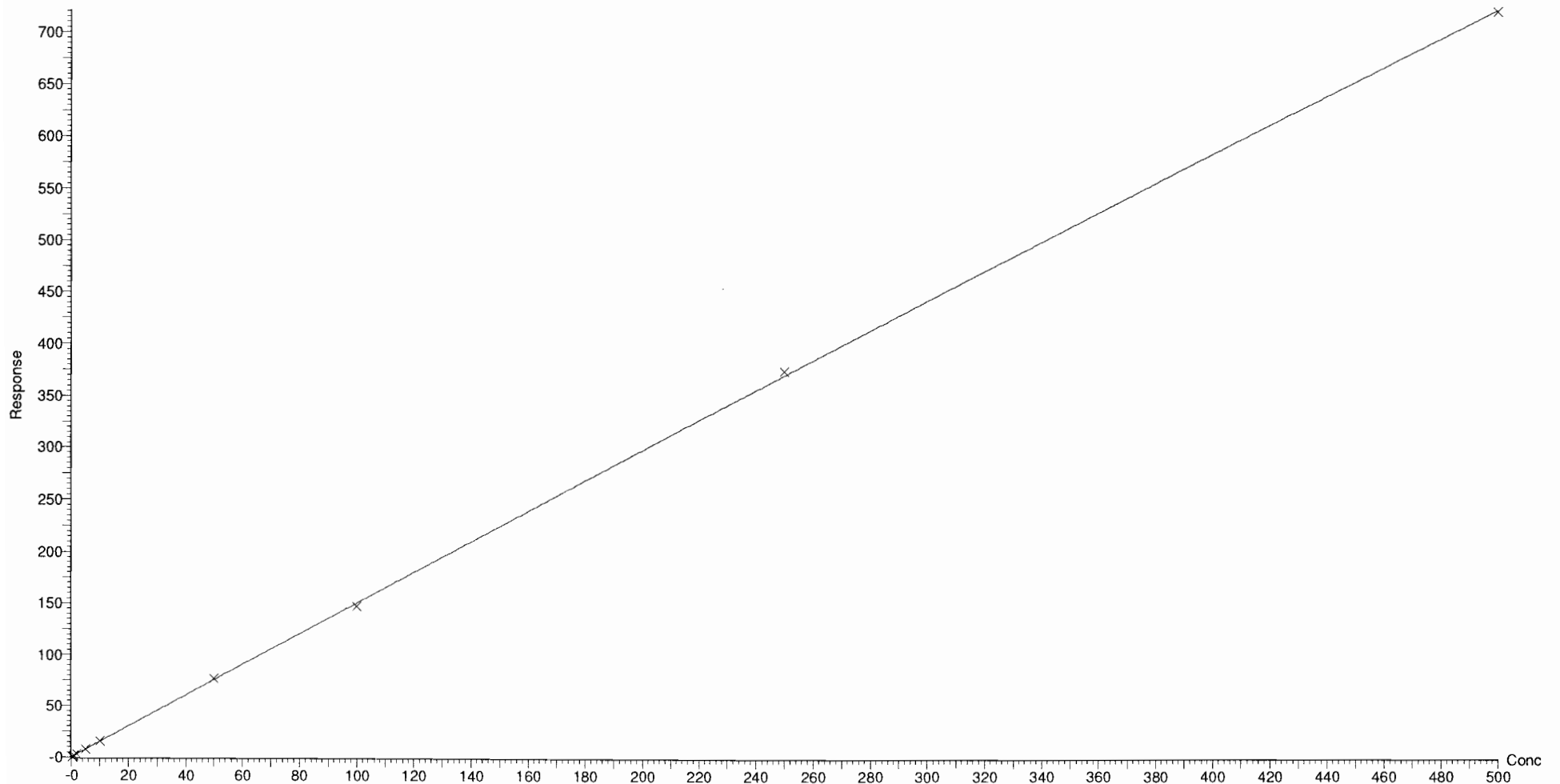
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999896$

Calibration curve: $-0.000157474 * x^2 + 1.52025 * x + 0.115516$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

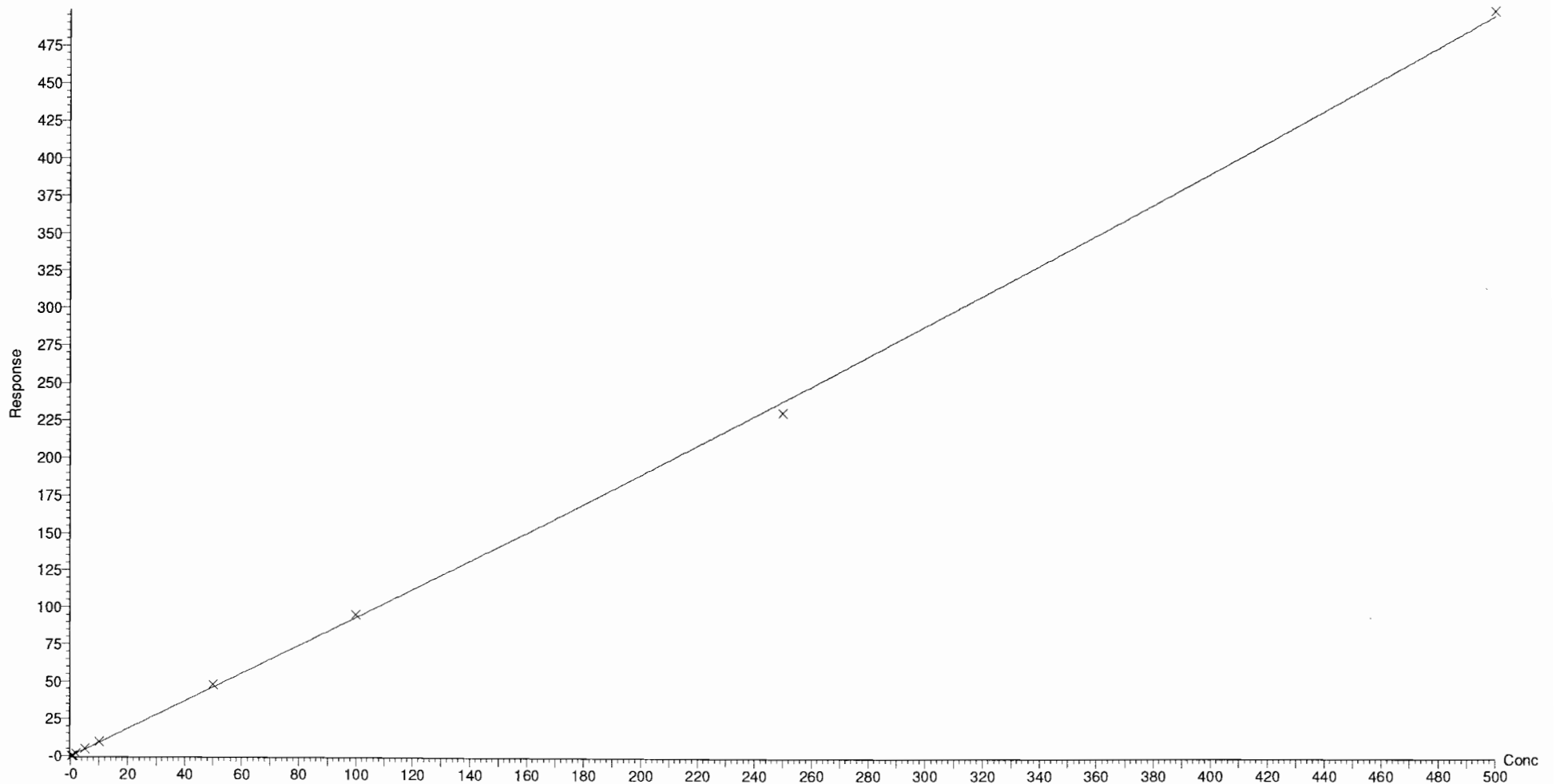
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999493$

Calibration curve: $0.000147792 * x^2 + 0.91661 * x + 0.0167126$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

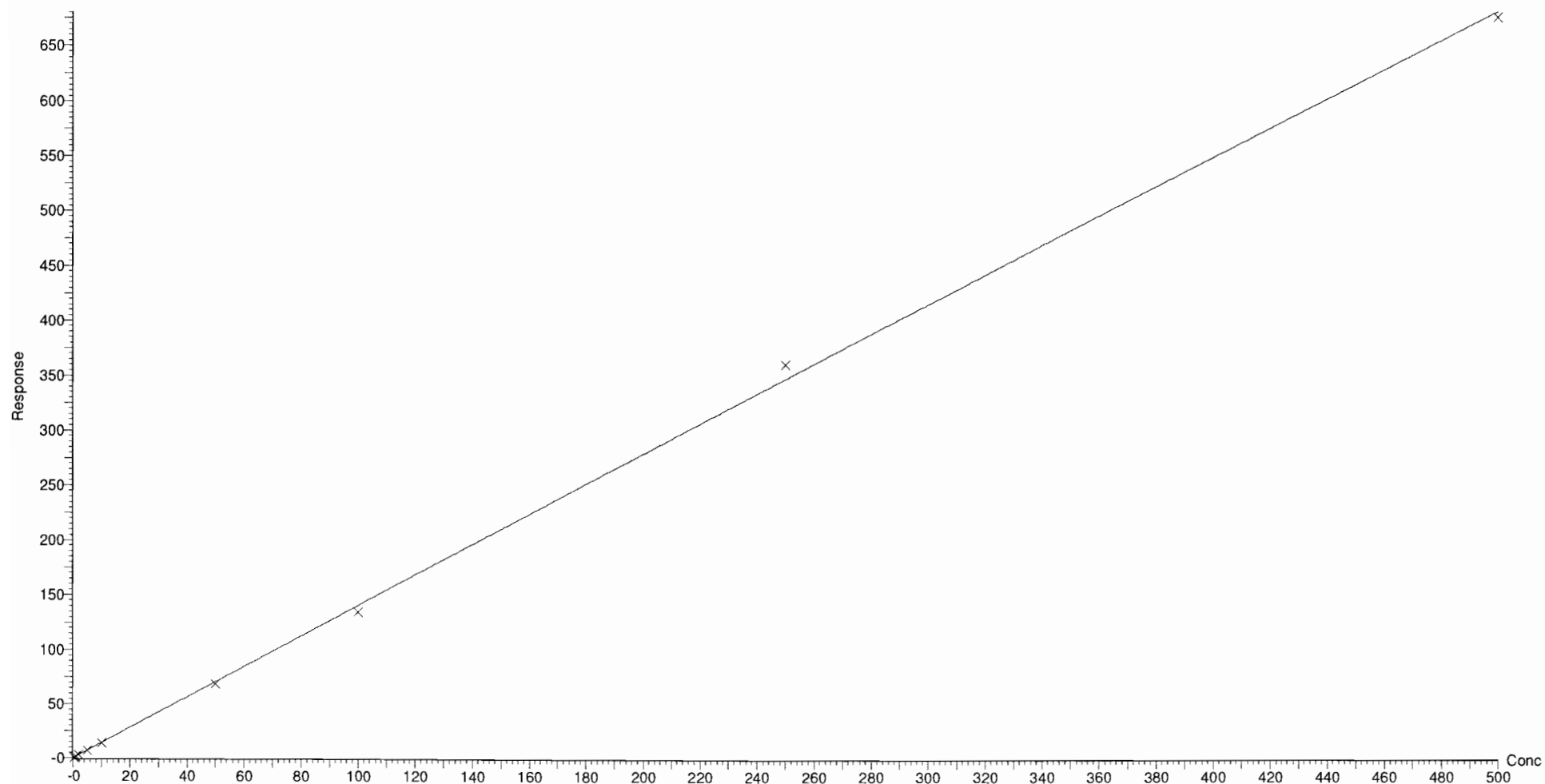
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999308$

Calibration curve: $-0.00011124 * x^2 + 1.41694 * x + 0.0799444$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

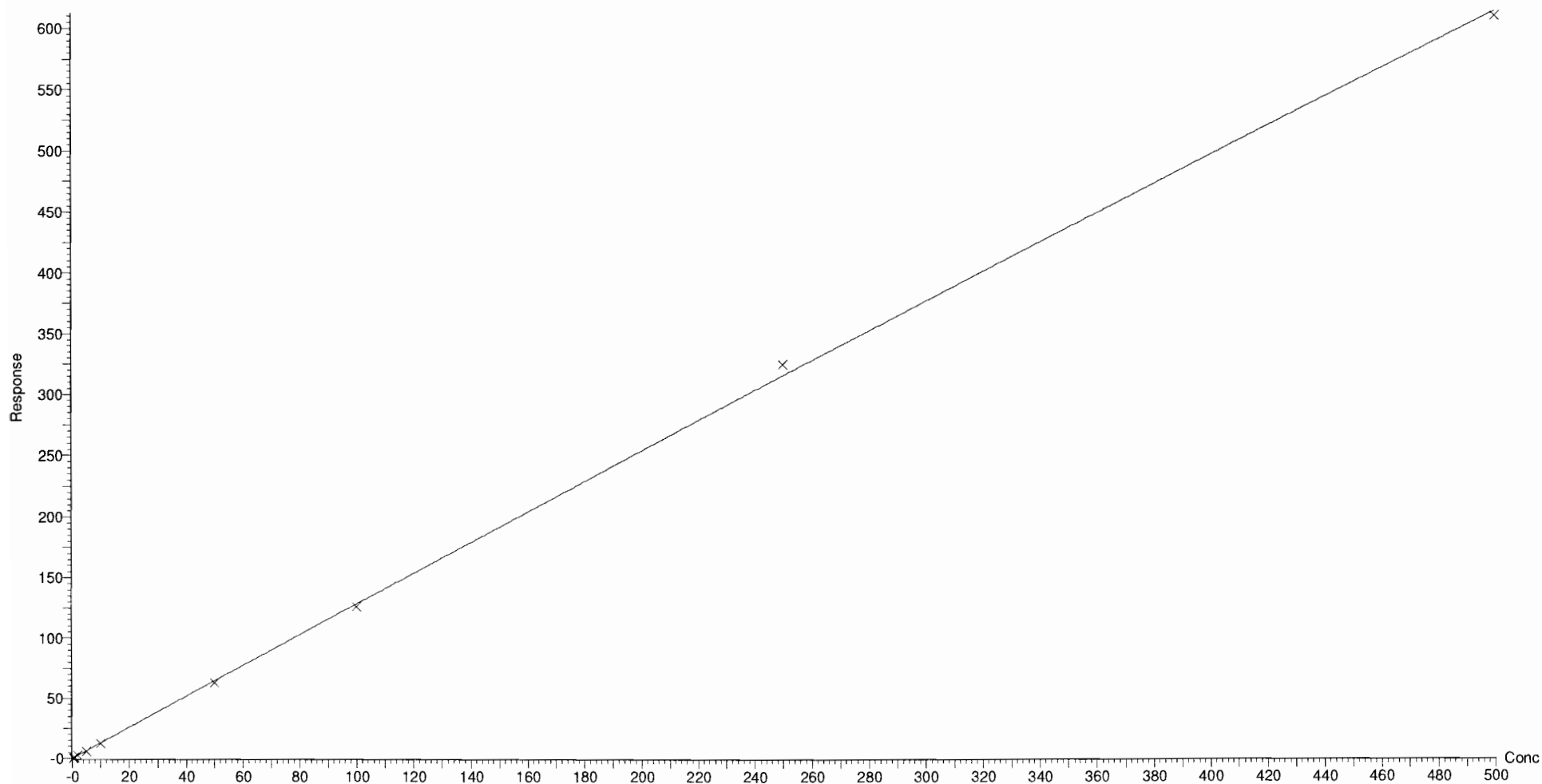
Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999550$

Calibration curve: $-0.000144193 * x^2 + 1.29771 * x + 0.00960257$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

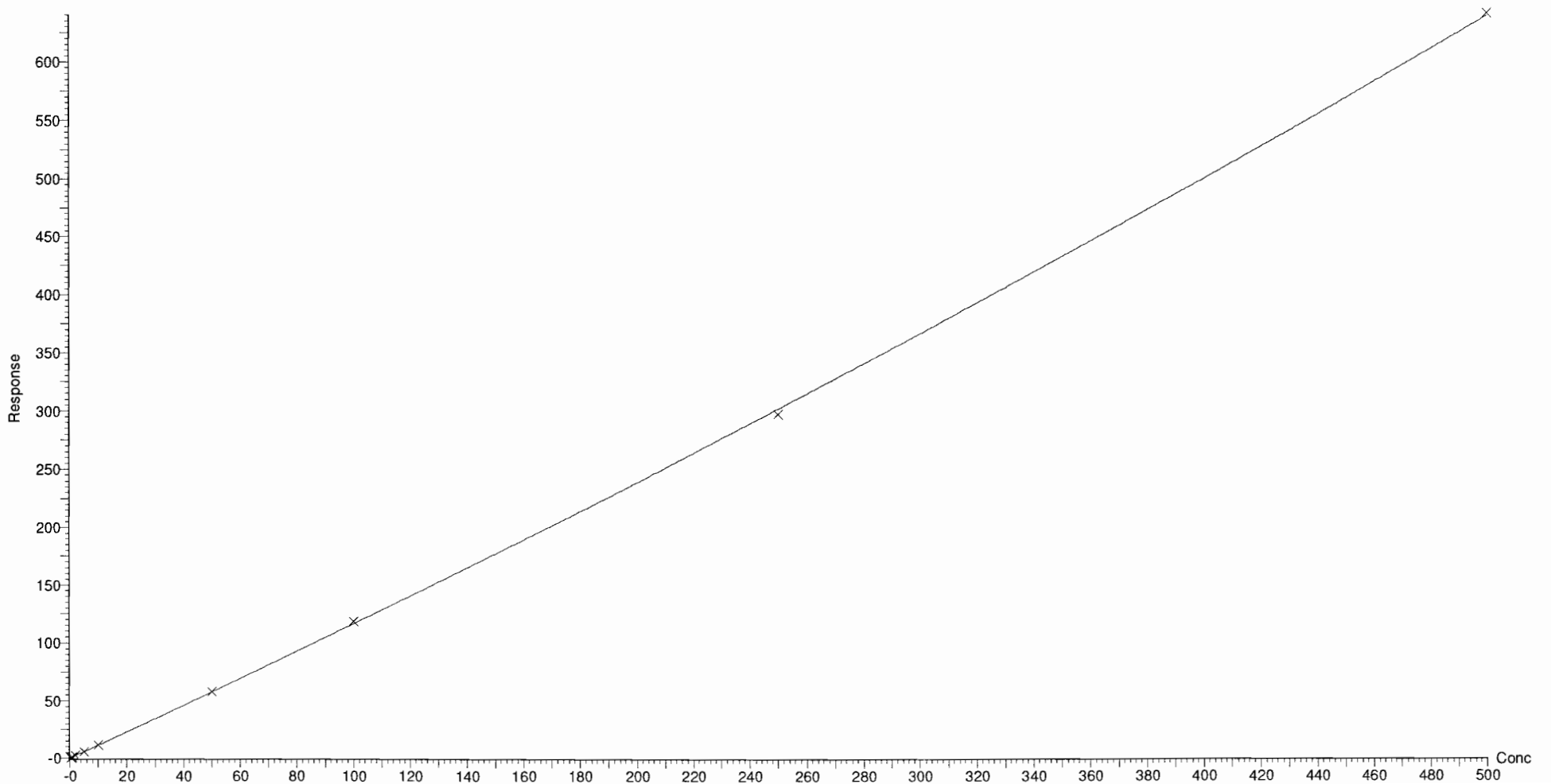
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999870$

Calibration curve: $0.000276377 * x^2 + 1.13796 * x + 0.0355379$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

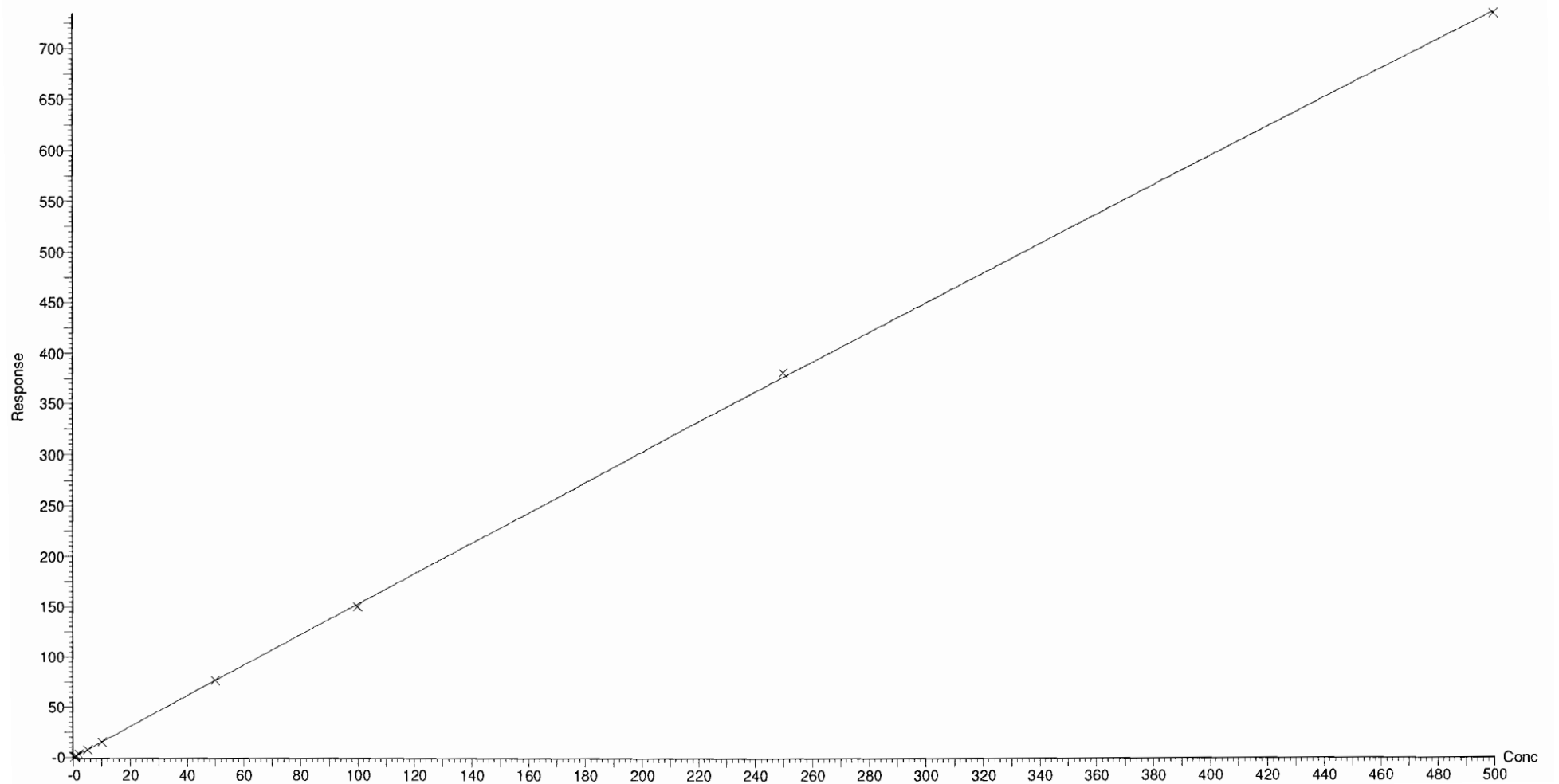
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999885$

Calibration curve: $-0.000143441 * x^2 + 1.54129 * x + 0.0772974$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

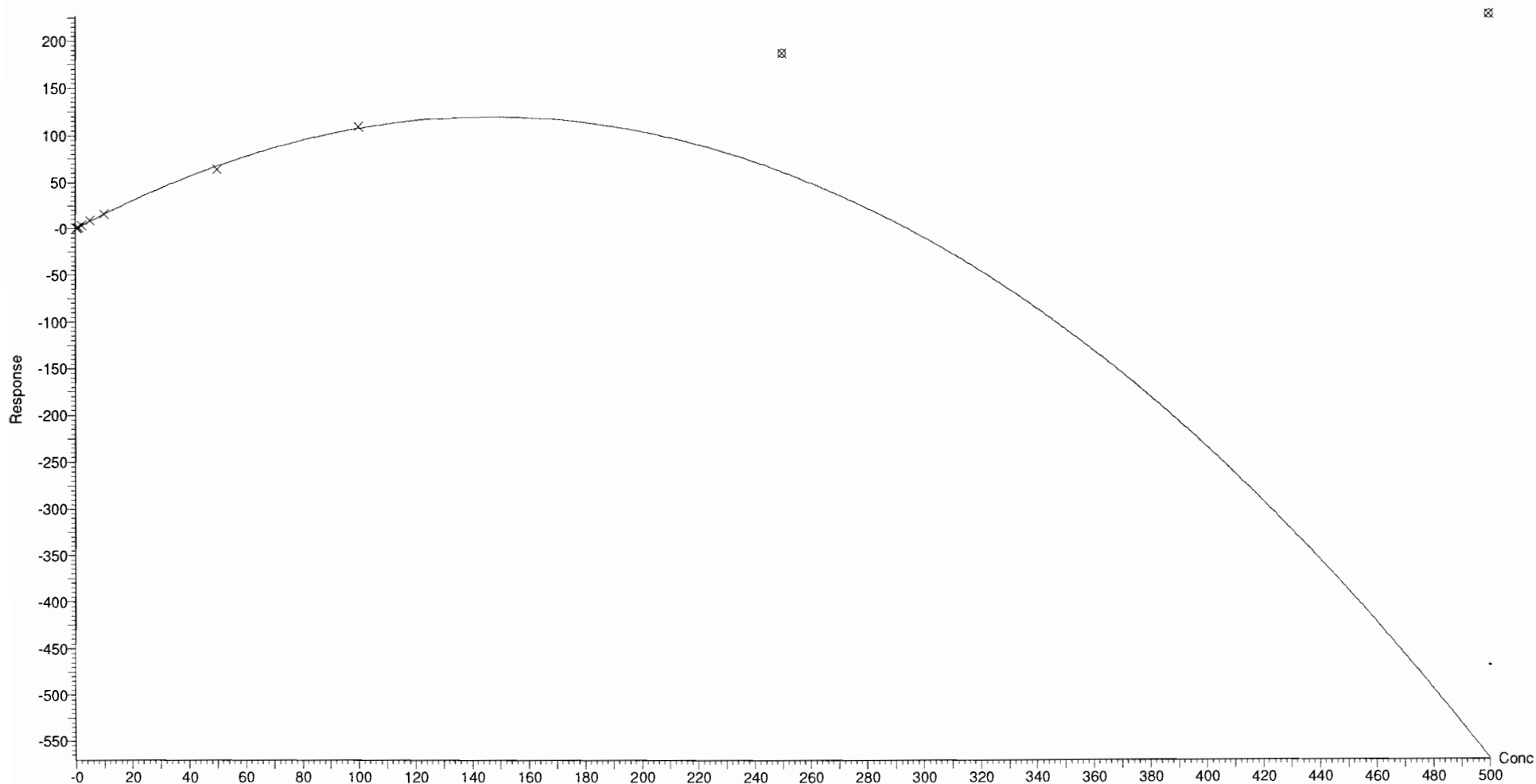
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.996991$

Calibration curve: $-0.00553629 * x^2 + 1.62914 * x + 0.0726573$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

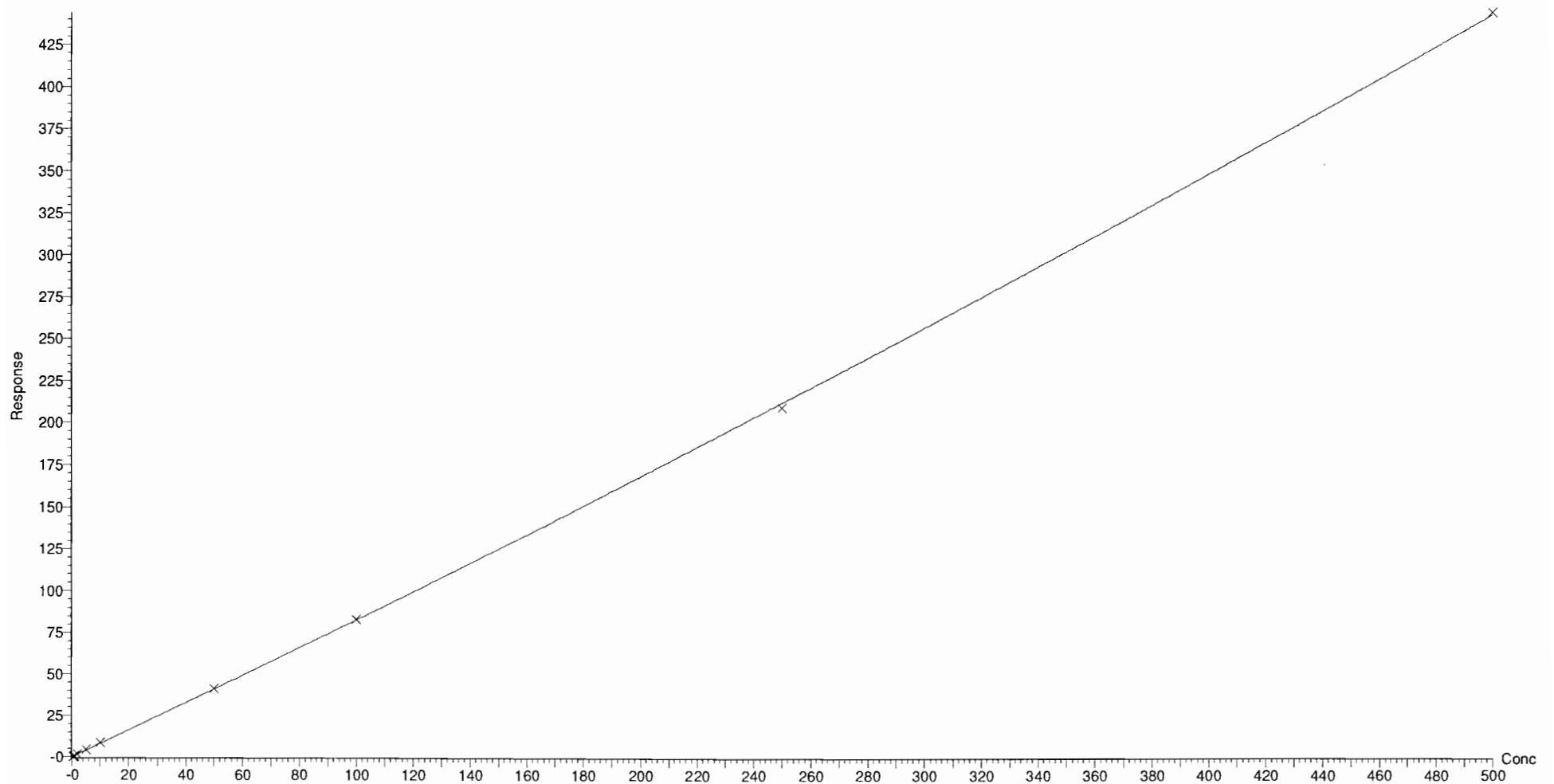
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999834$

Calibration curve: $0.000145749 * x^2 + 0.812414 * x + -0.0288065$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

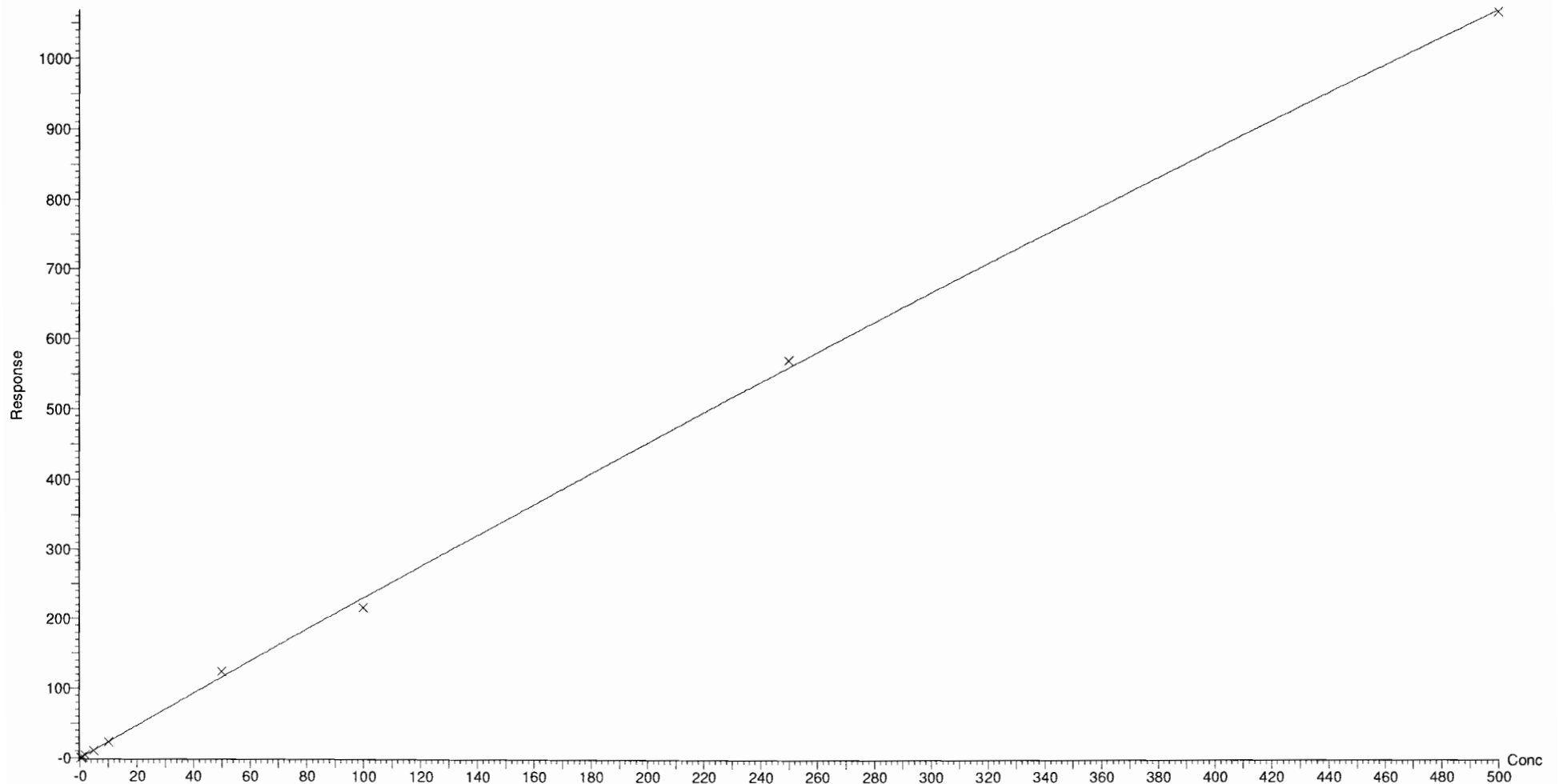
Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.999133$

Calibration curve: $-0.000423515 * x^2 + 2.34989 * x + -0.0188002$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:38 Pacific Daylight Time

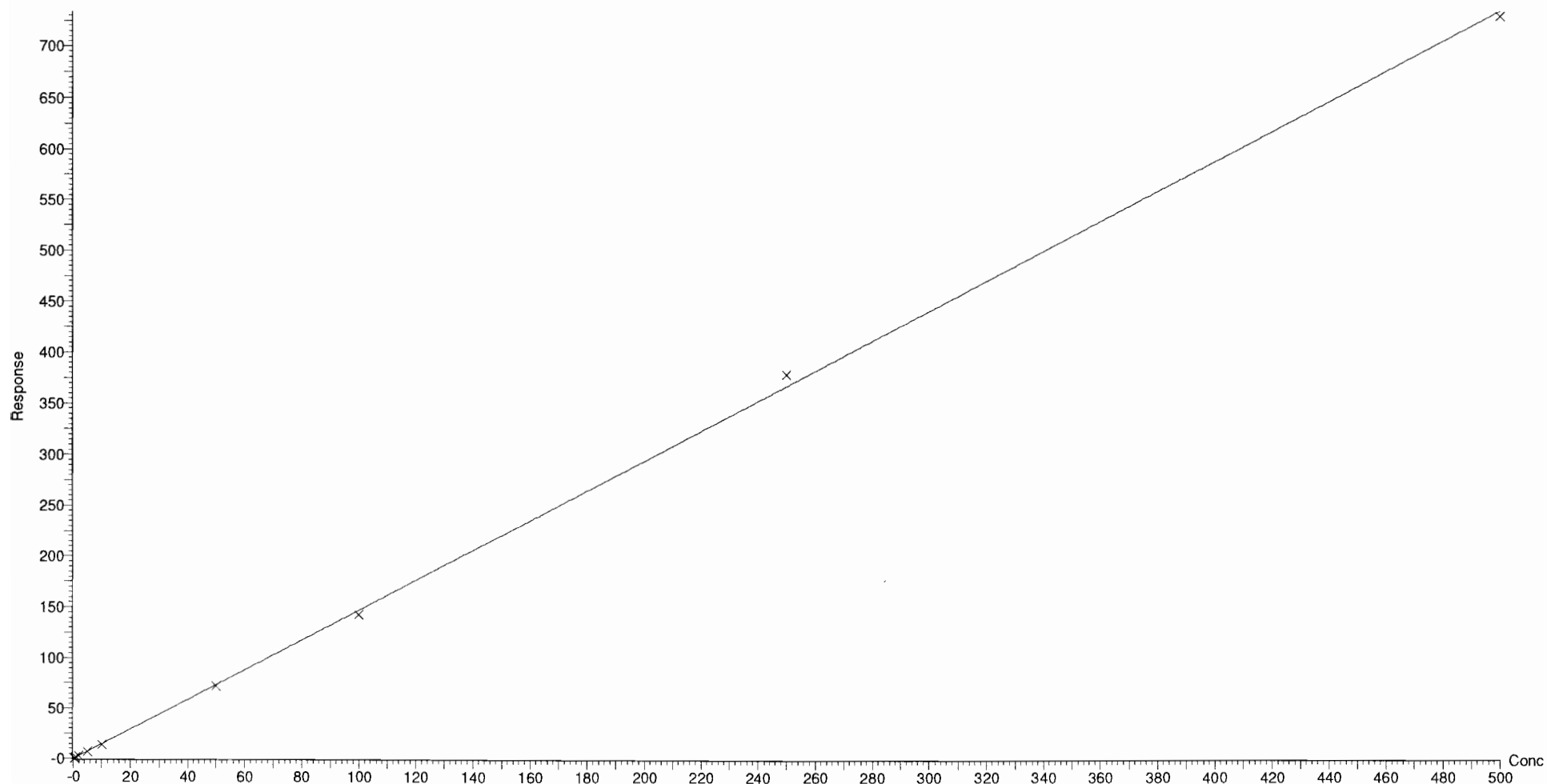
Compound name: L-EtFOSAA

Coefficient of Determination: $R^2 = 0.999492$

Calibration curve: $-5.72515e-006 * x^2 + 1.47124 * x + -0.0532809$

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\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

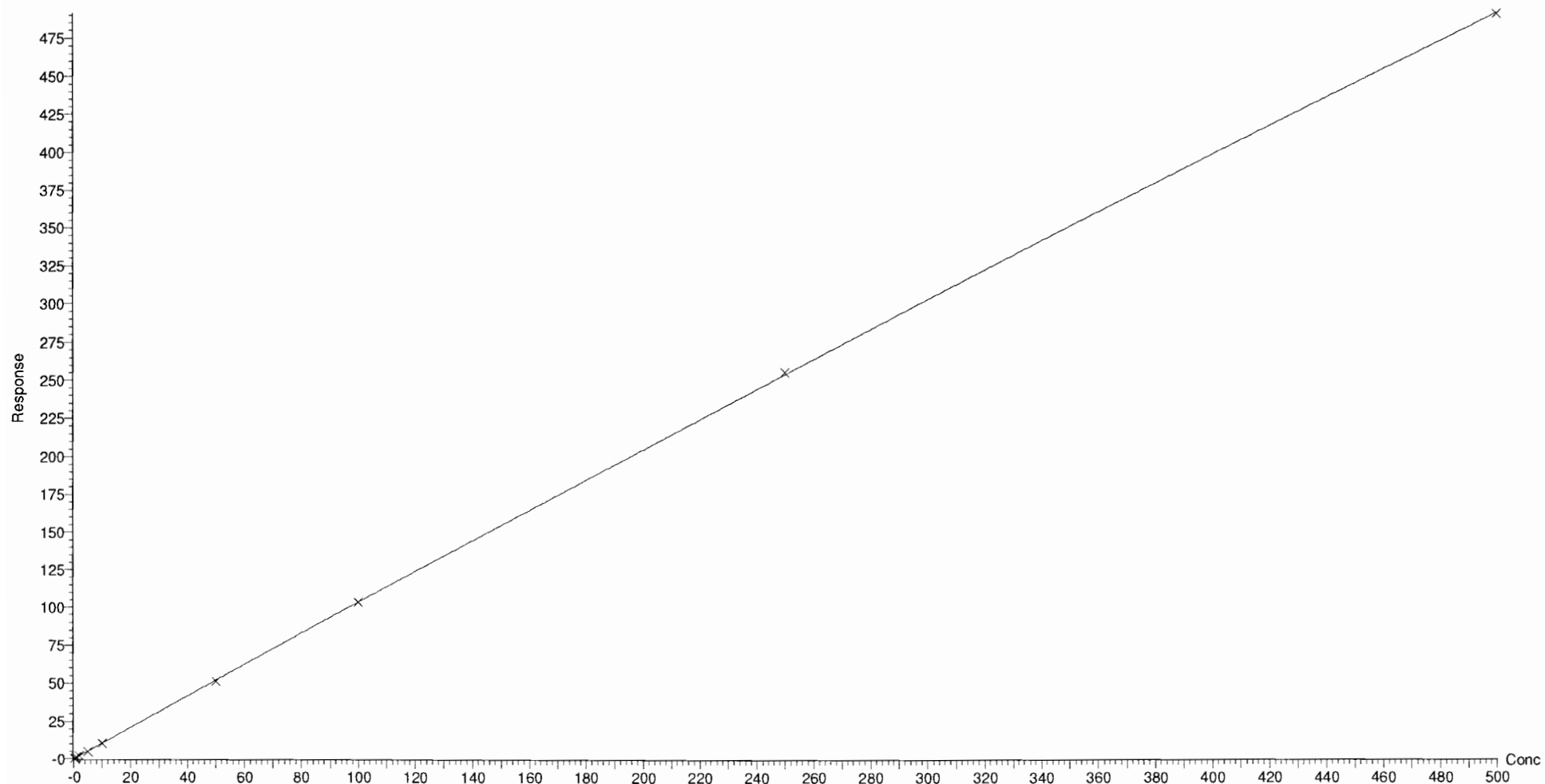
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.999968$

Calibration curve: $-0.000135758 * x^2 + 1.05034 * x + 0.0612115$

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

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

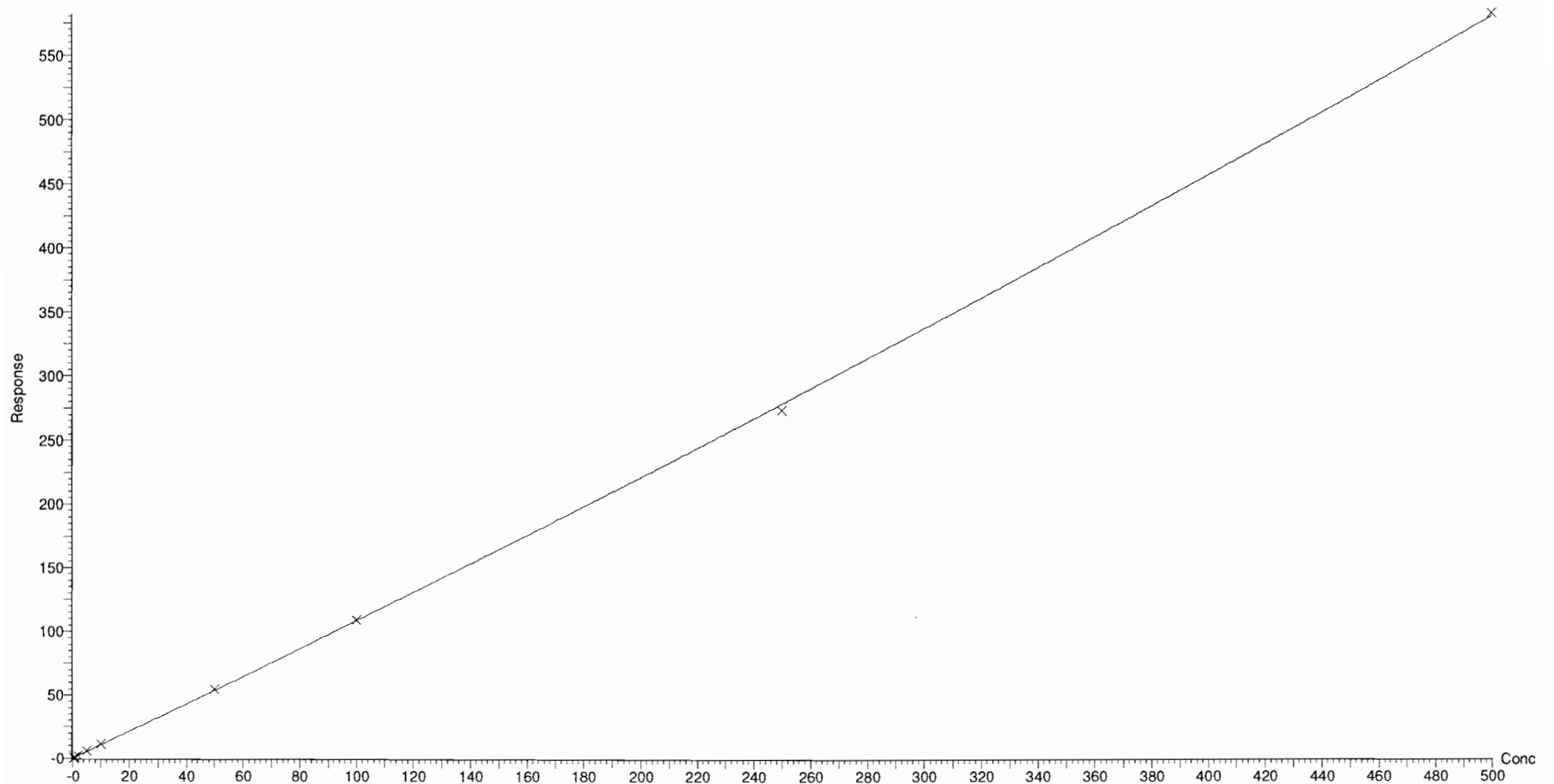
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.999801$

Calibration curve: $0.000181204 * x^2 + 1.0687 * x + -0.038199$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

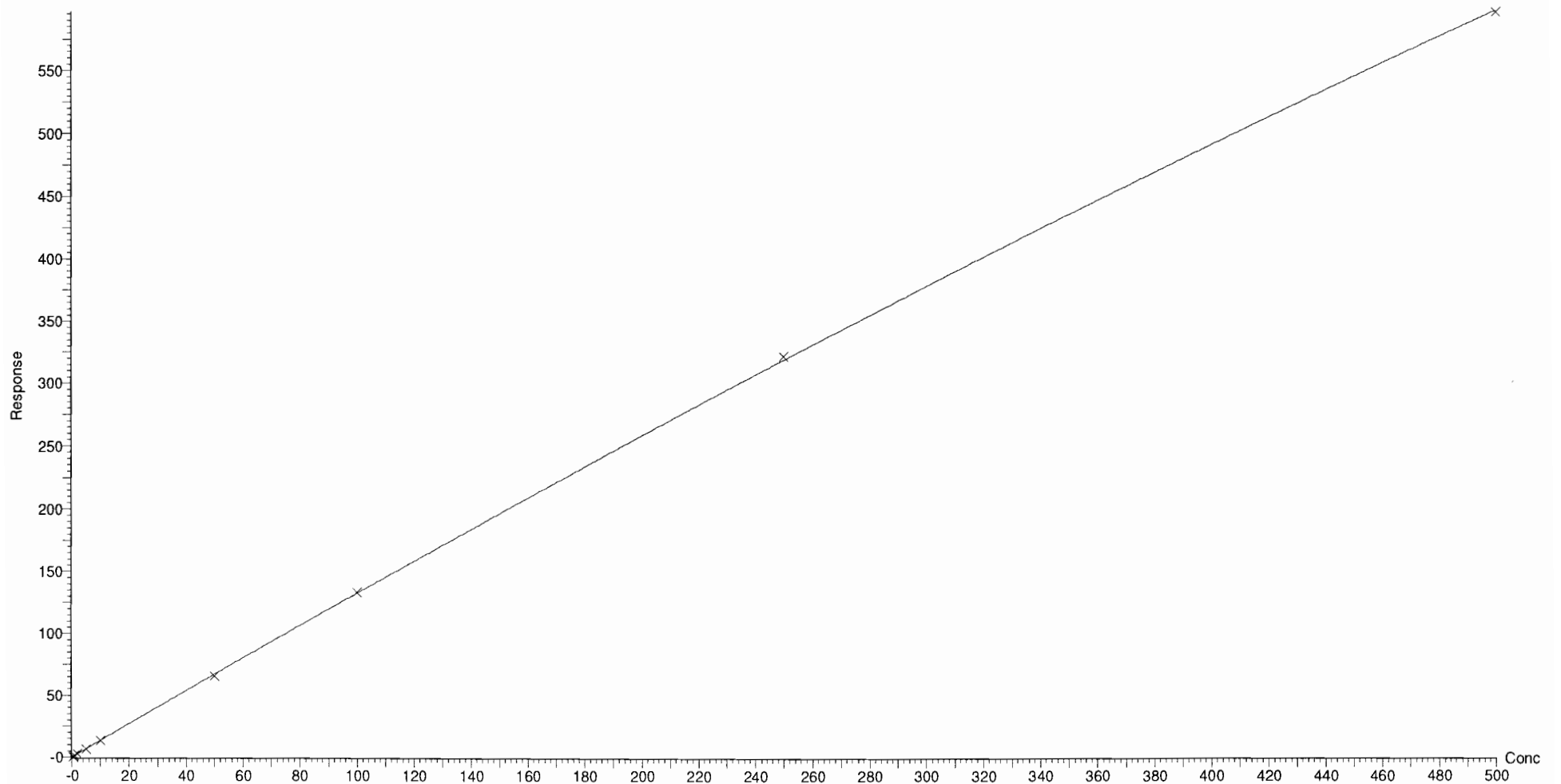
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999892$

Calibration curve: $-0.000327718 * x^2 + 1.35825 * x + 0.0136011$

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\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

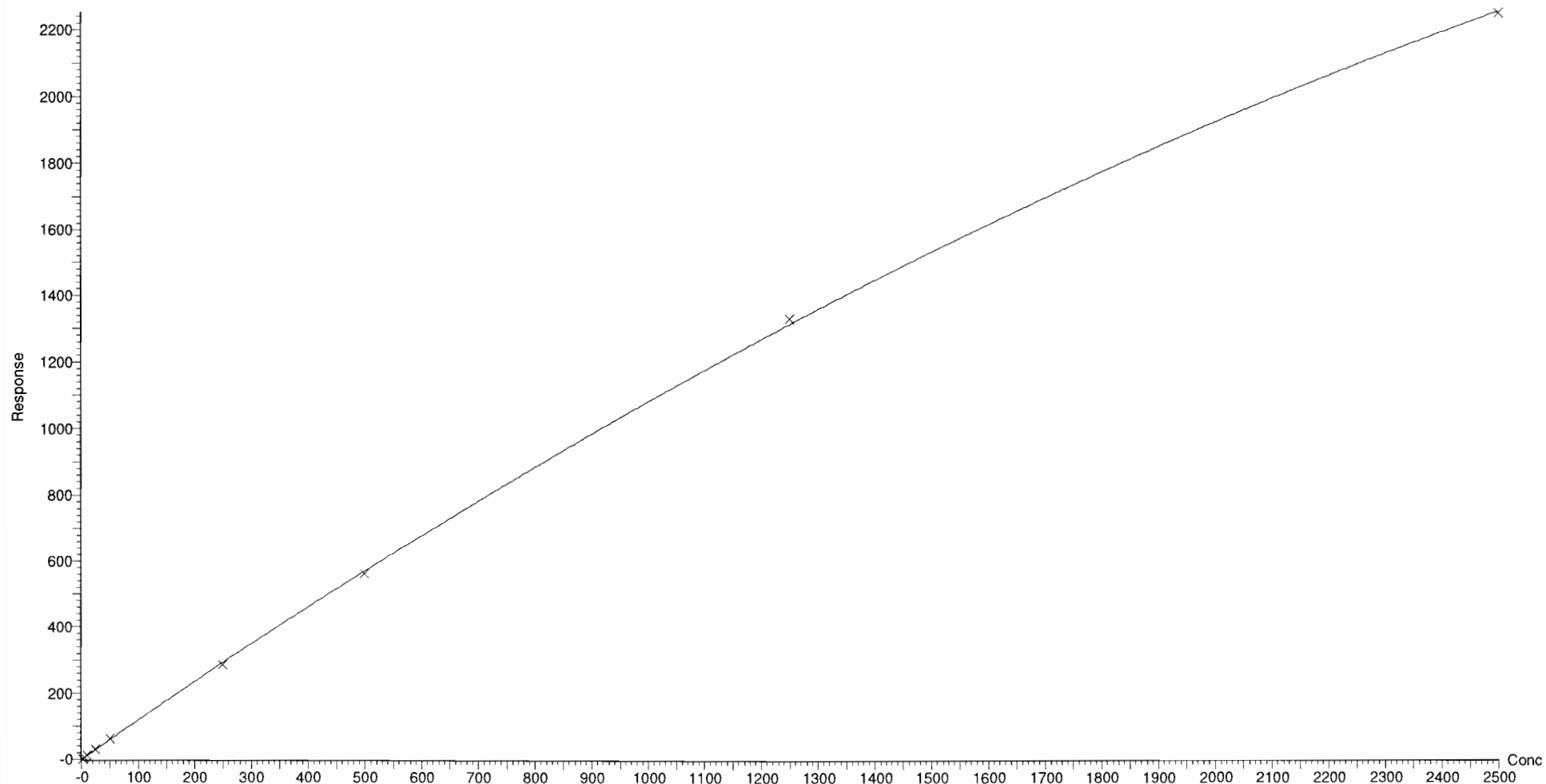
Compound name: N-MeFOSA

Coefficient of Determination: $R^2 = 0.999787$

Calibration curve: $-0.000120686 * x^2 + 1.20276 * x + 0.0557619$

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

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

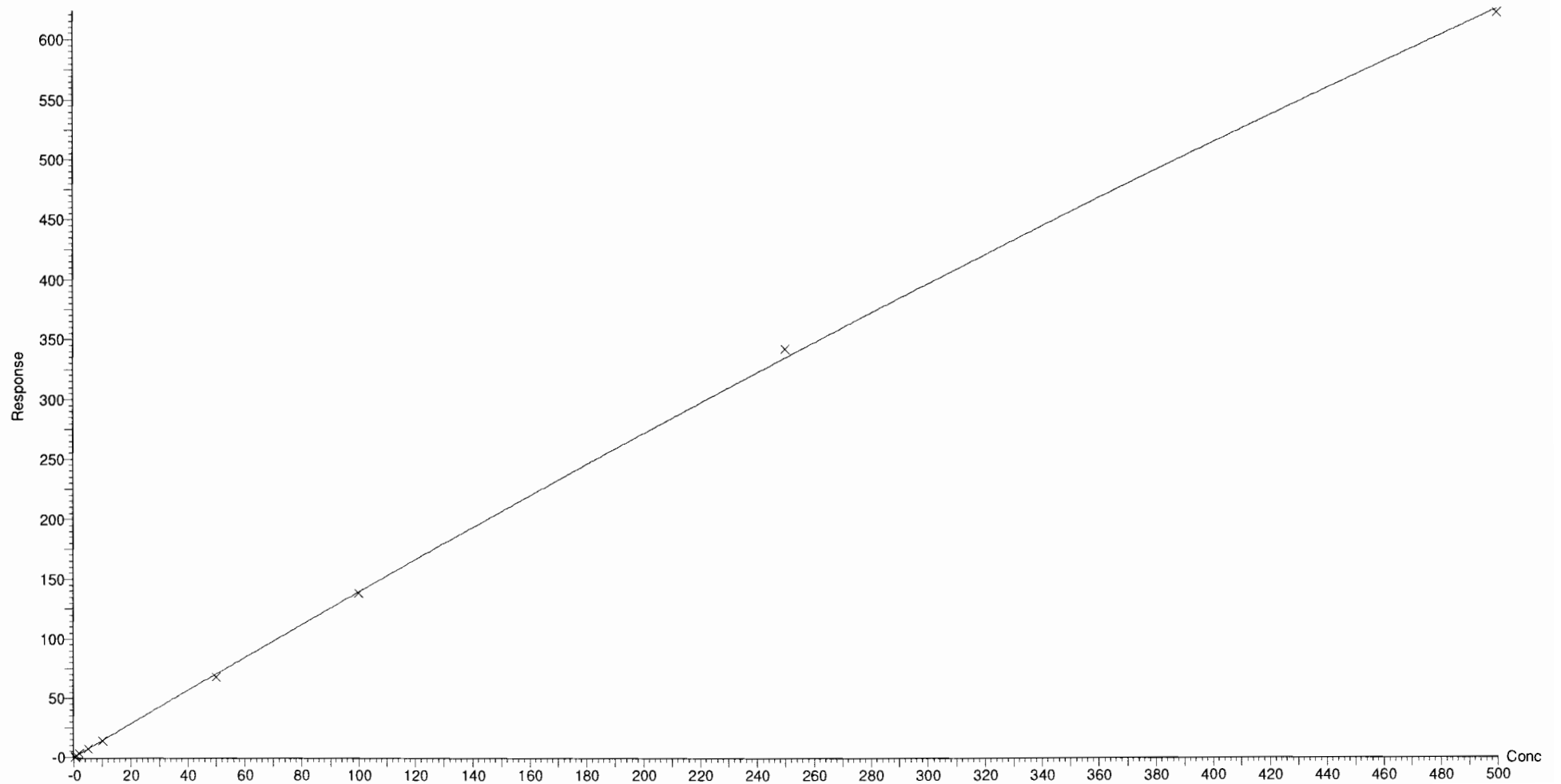
Compound name: PFTrDA

Coefficient of Determination: $R^2 = 0.999699$

Calibration curve: $-0.000364327 * x^2 + 1.42945 * x + 0.0384323$

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\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

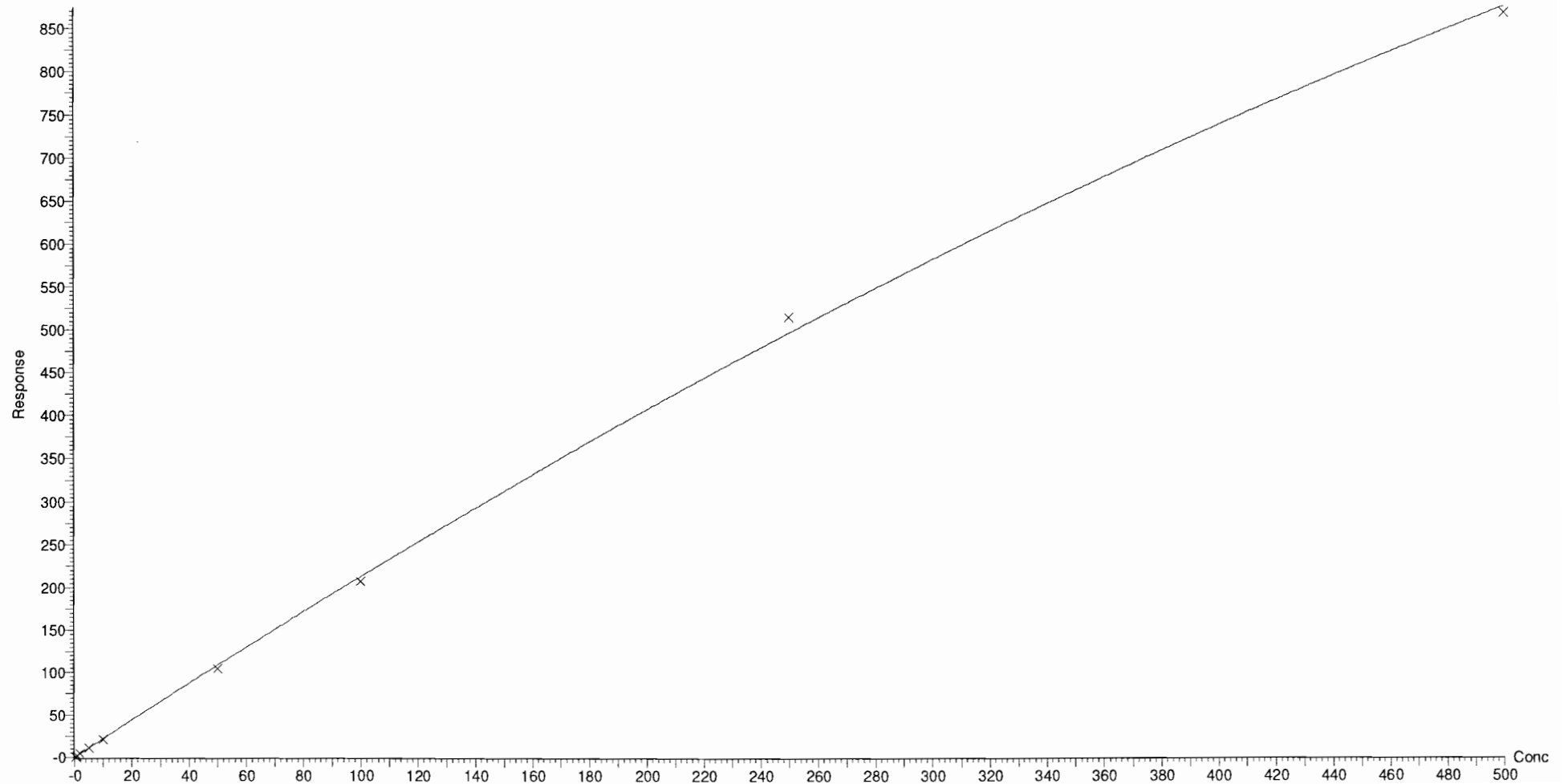
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999281$

Calibration curve: $-0.000950143 * x^2 + 2.22344 * x + 0.0921343$

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\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

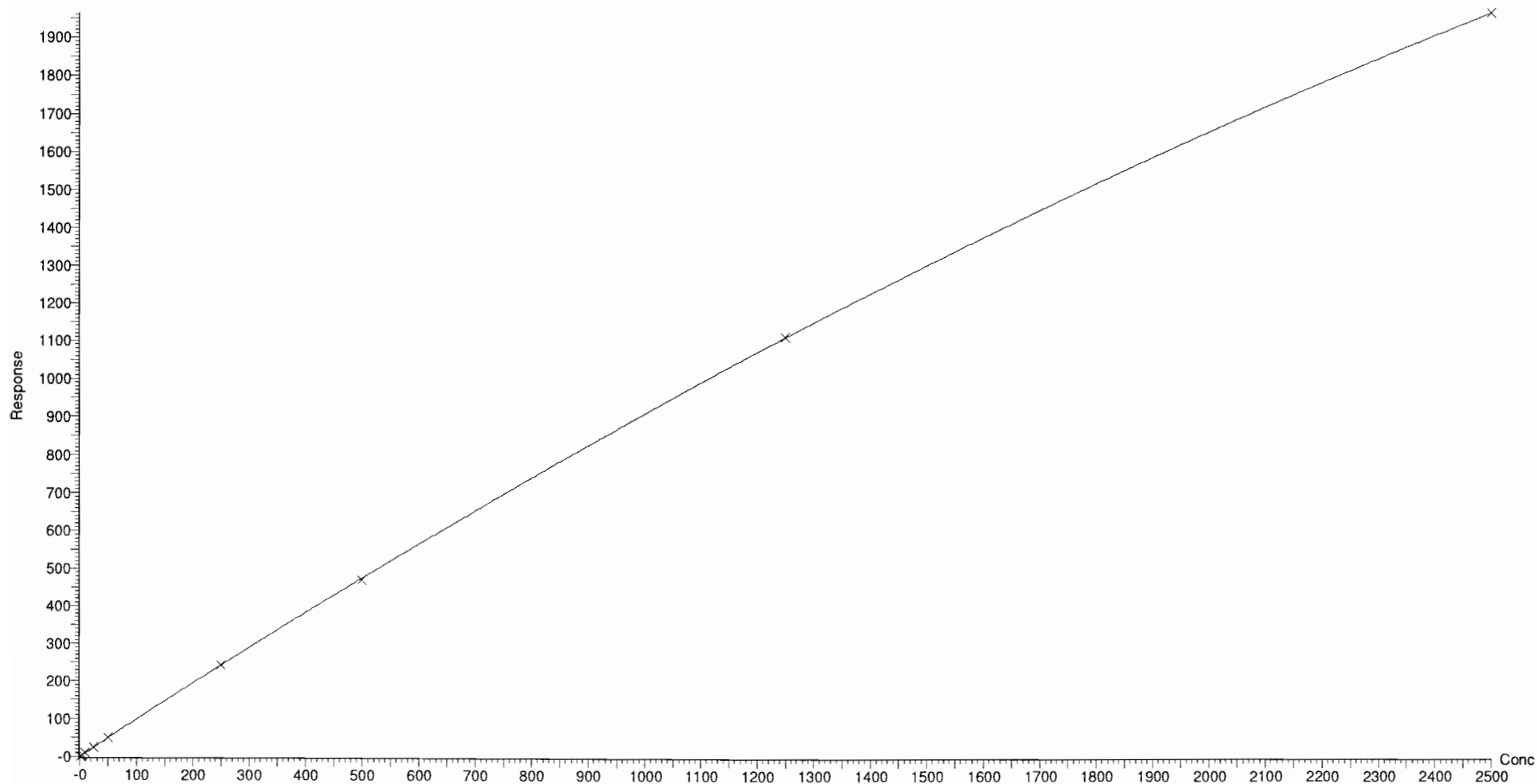
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999954$

Calibration curve: $-8.24914e-005 * x^2 + 0.992001 * x + 0.167457$

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

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

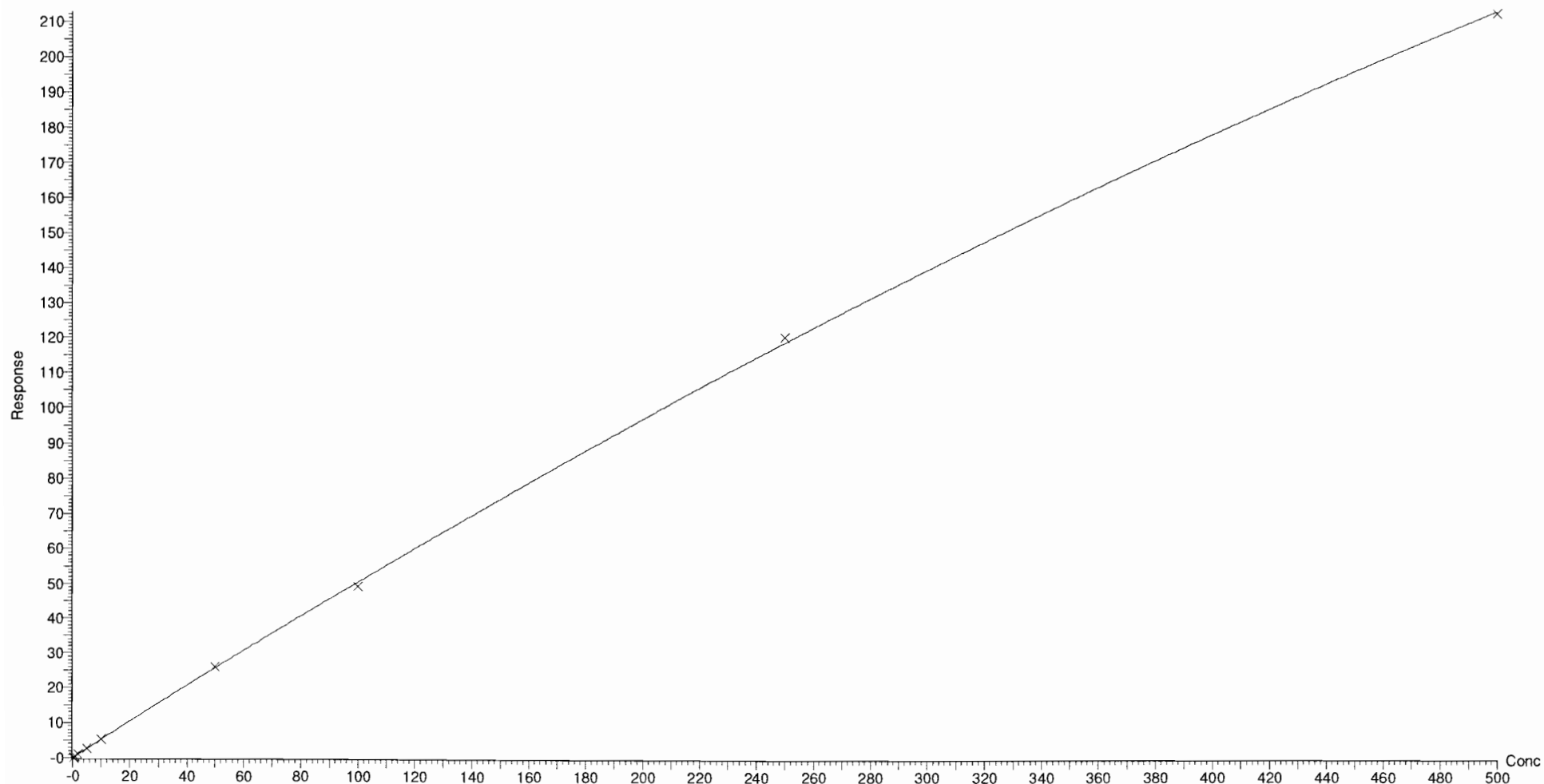
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999839$

Calibration curve: $-0.000198709 * x^2 + 0.524867 * x + 0.0222878$

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\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

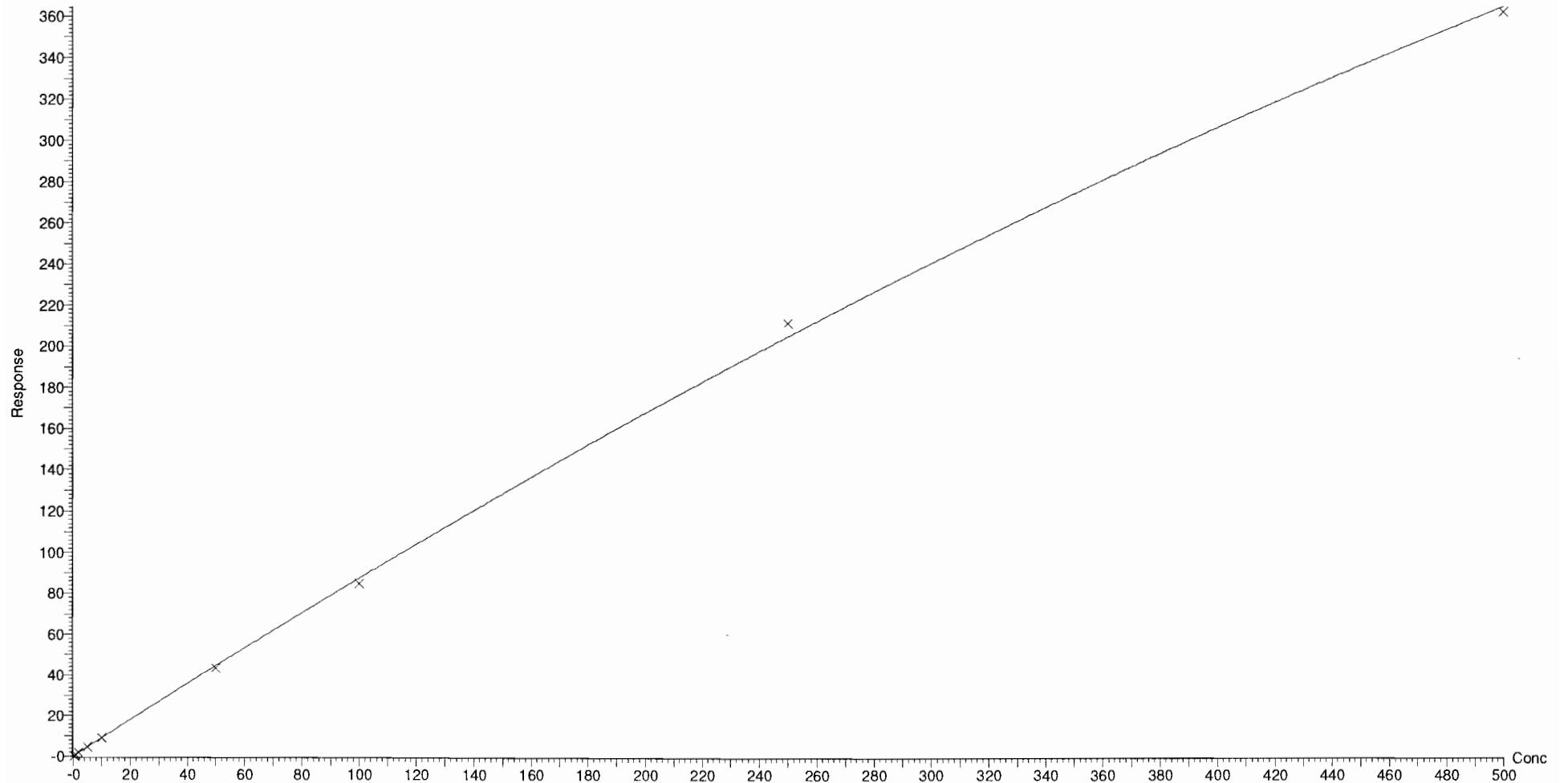
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999499$

Calibration curve: $-0.00036483 * x^2 + 0.911524 * x + 0.018423$

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\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

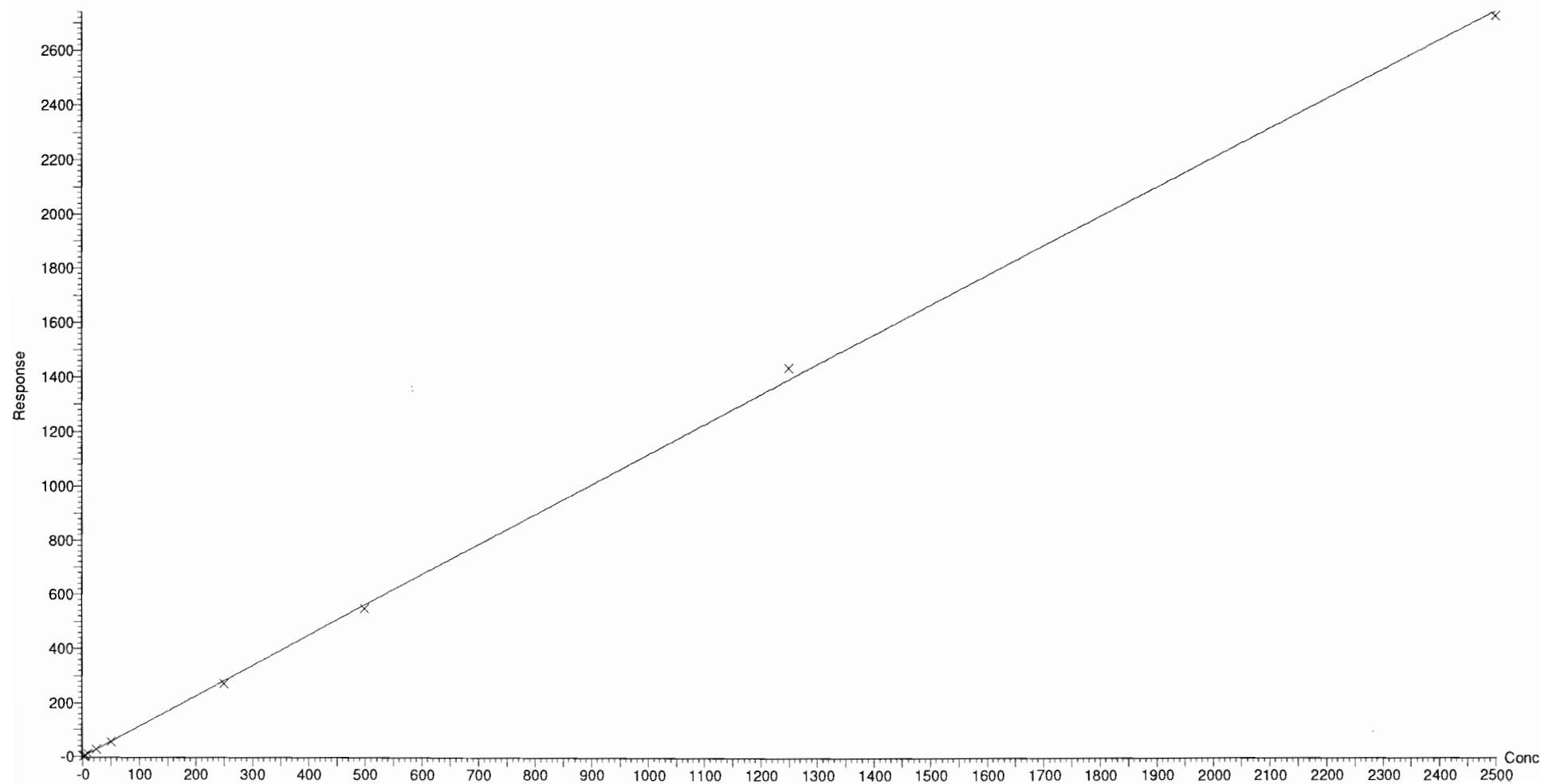
Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.999580$

Calibration curve: $-1.42598e-005 * x^2 + 1.13171 * x + 0.00193293$

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:48:53 Pacific Daylight Time

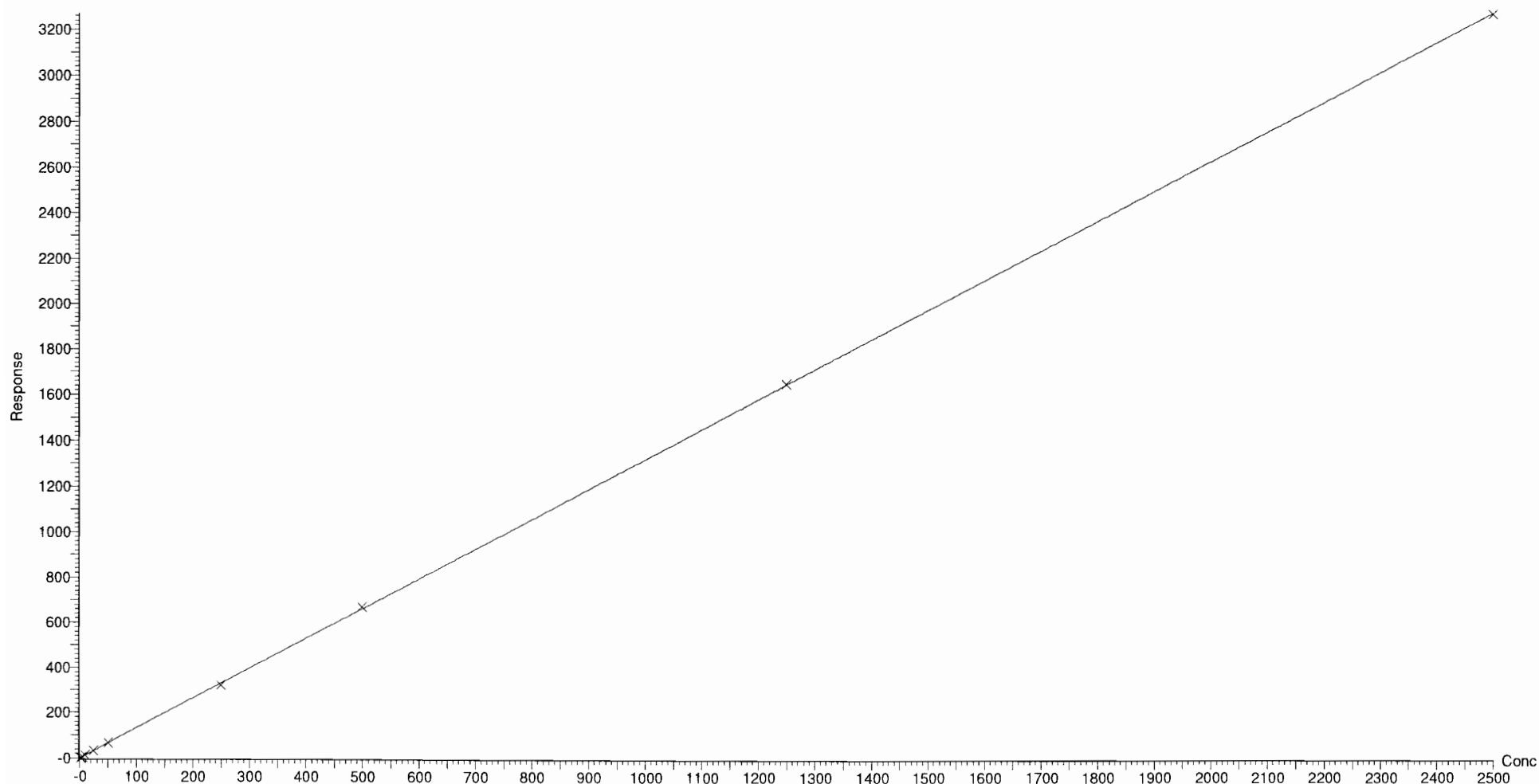
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999916$

Calibration curve: $-7.87016e-006 * x^2 + 1.32852 * x + 0.112667$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

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



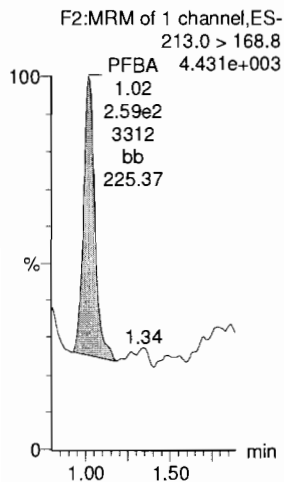
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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

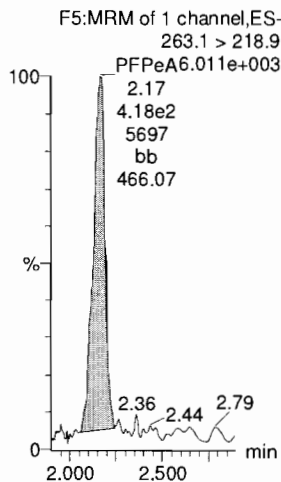
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702

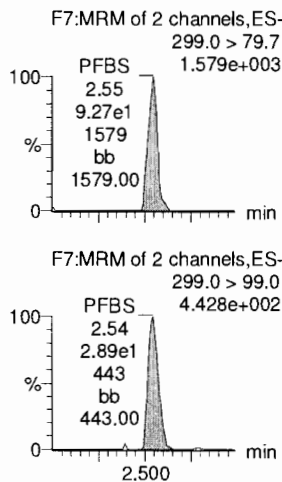
PFBA



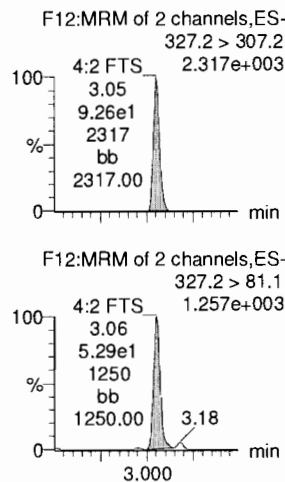
PFPeA



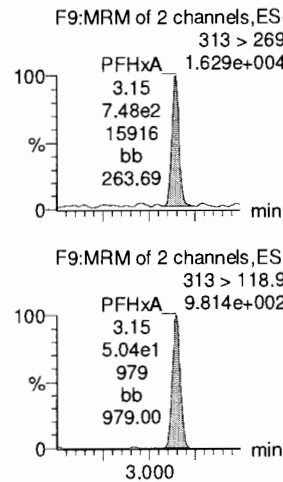
PFBS



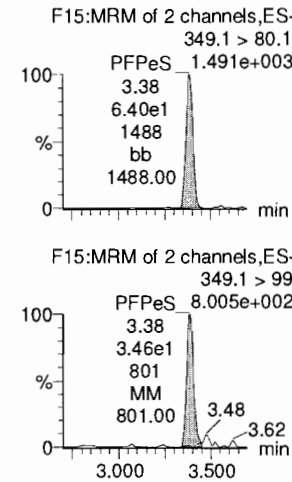
4:2 FTS



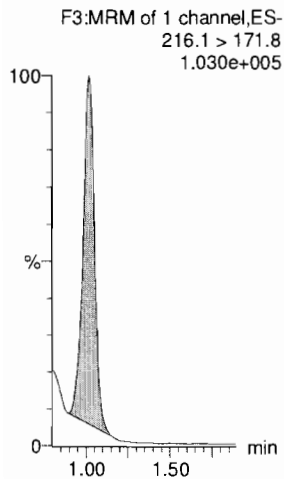
PFHxA



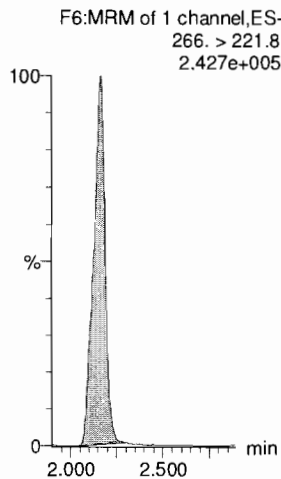
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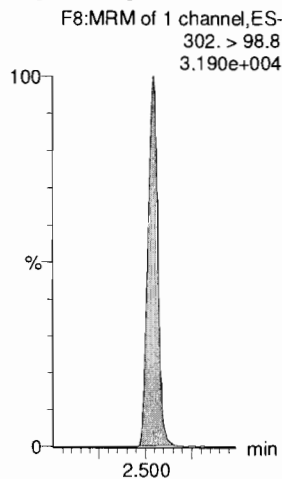
13C3-PFBA



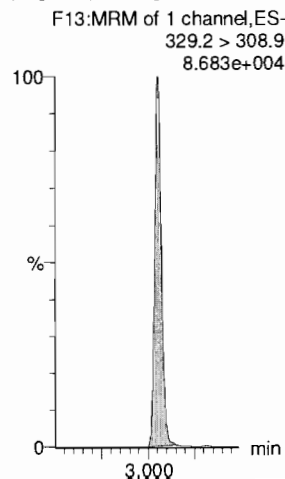
13C3-PFPeA



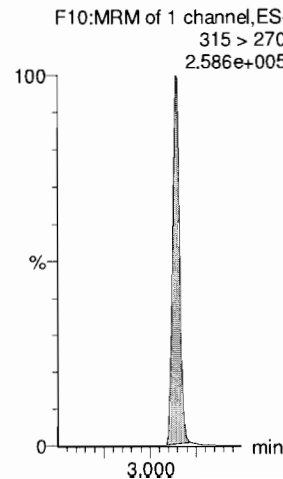
13C3-PFBS



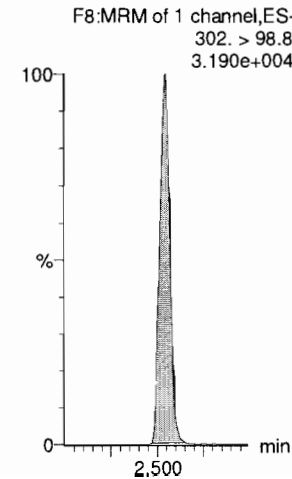
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

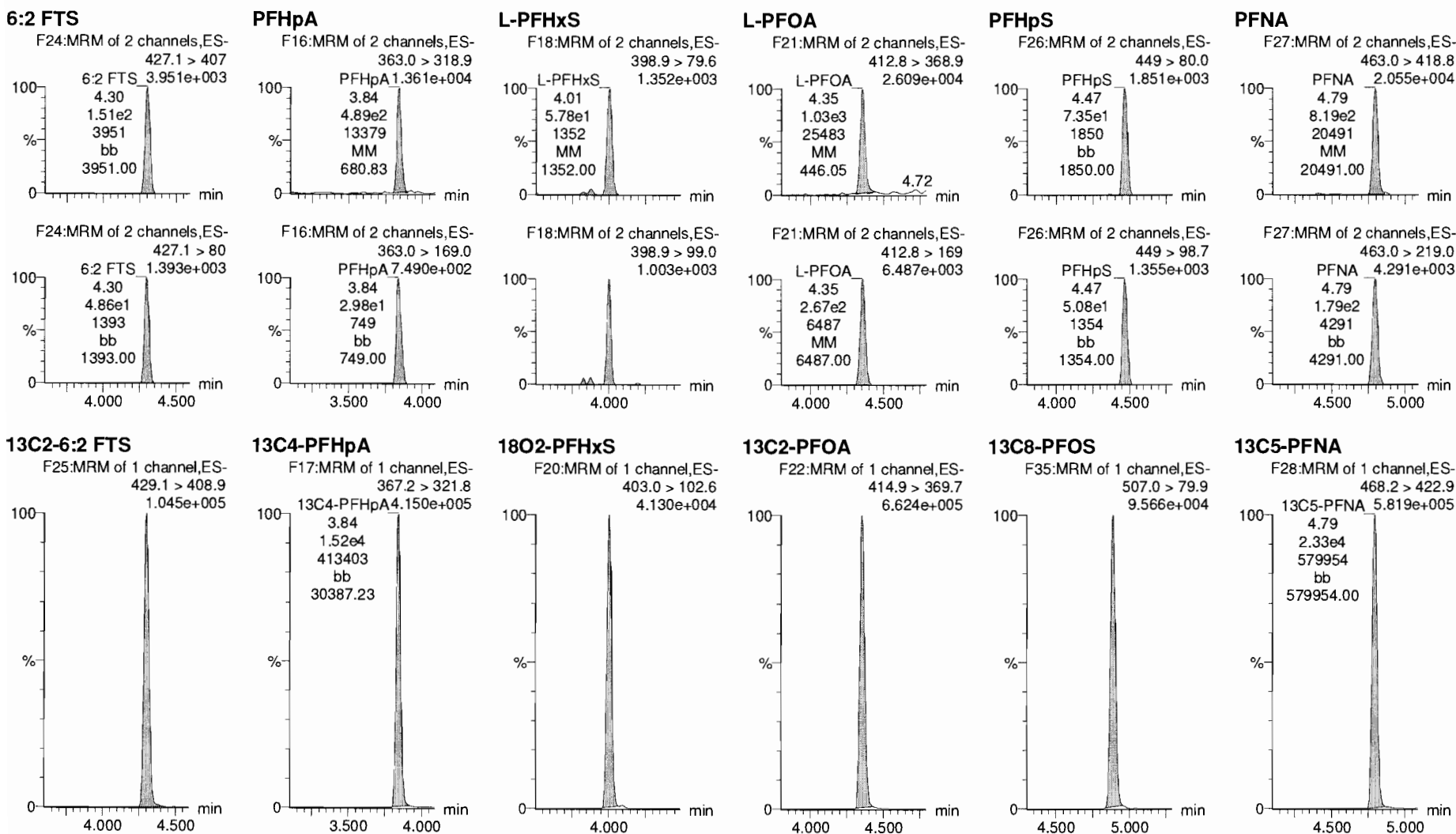


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702

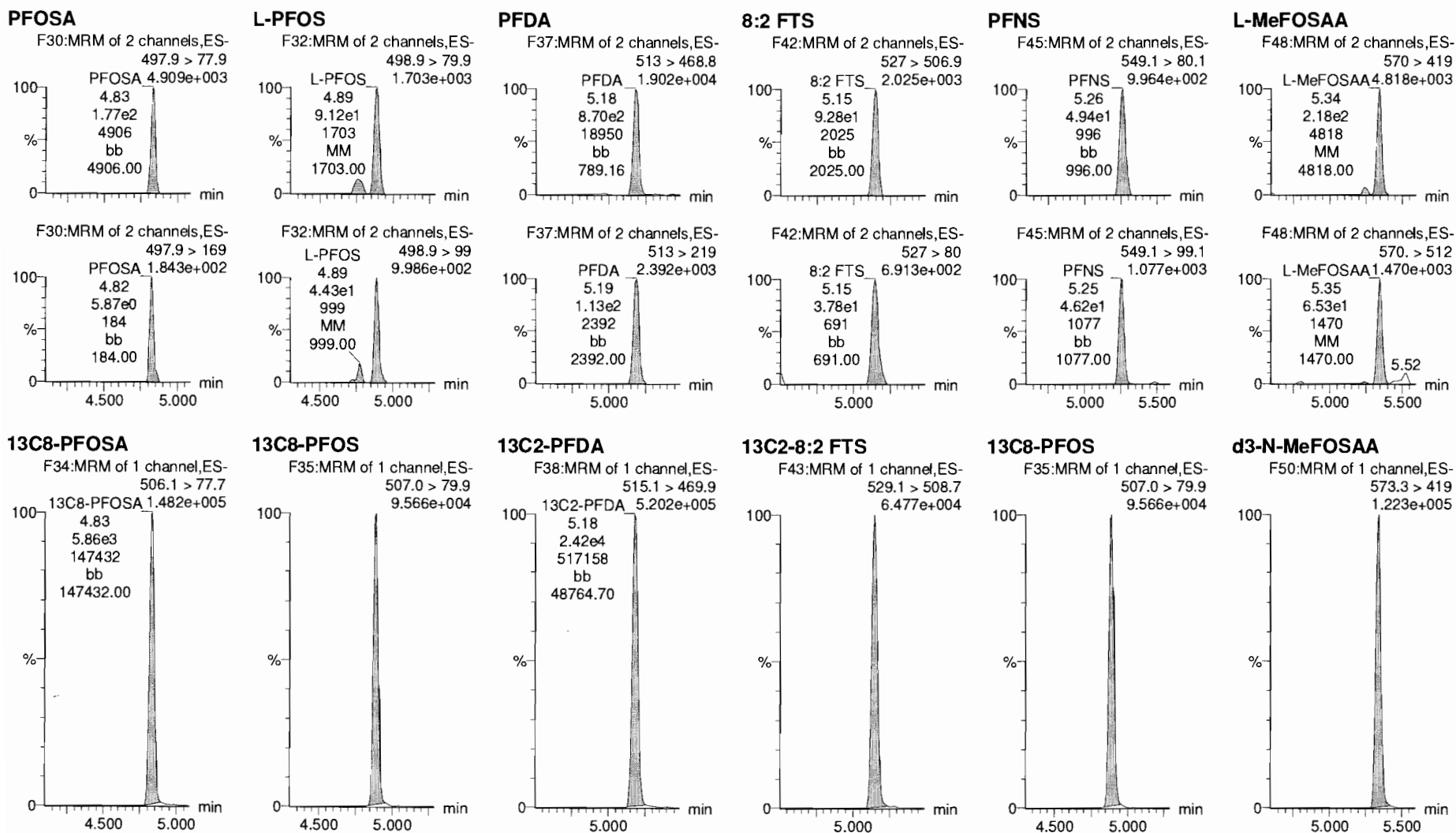


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702



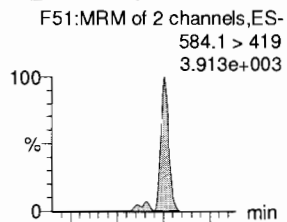
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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

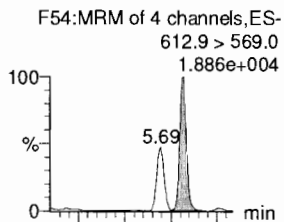
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702

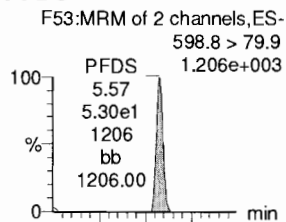
L-EtFOSAA



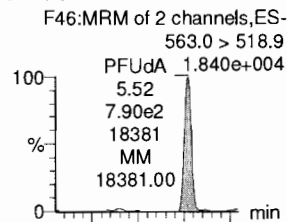
PFDoA



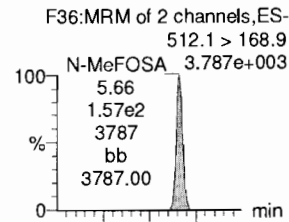
PFDS



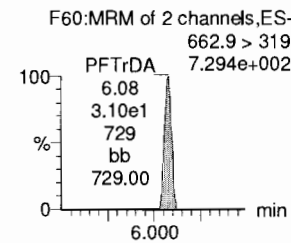
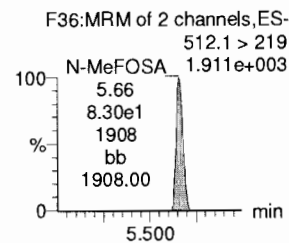
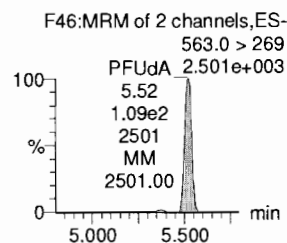
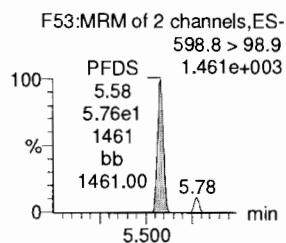
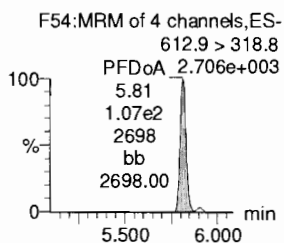
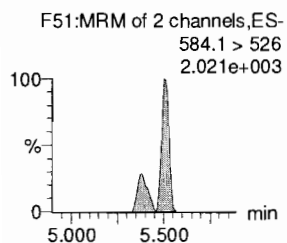
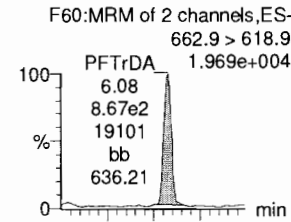
PFUdA



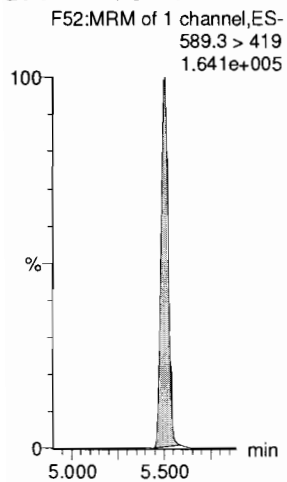
N-MeFOSA



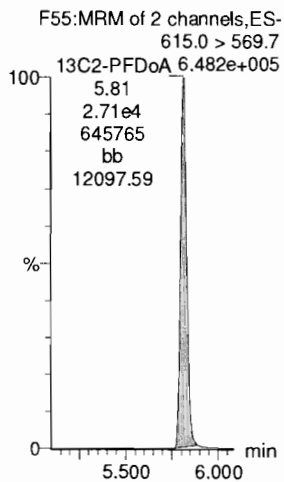
PFTrDA



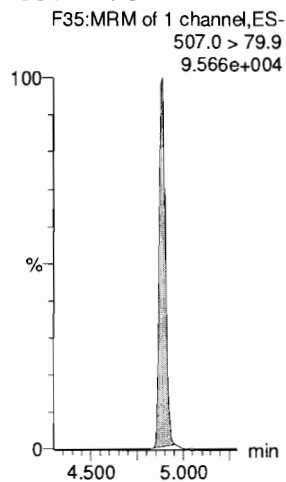
d5-N-EtFOSAA



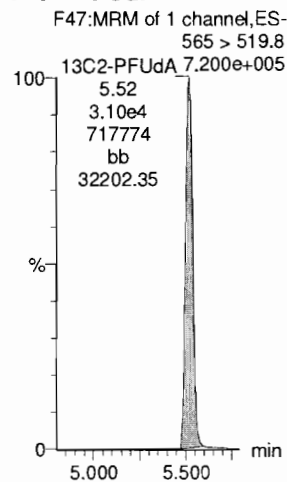
13C2-PFDoA



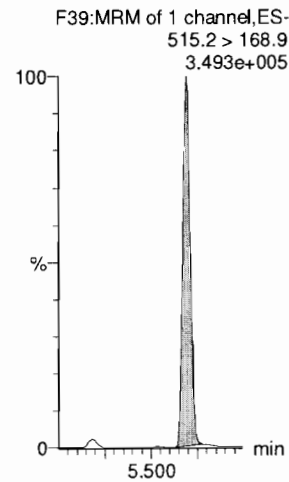
13C8-PFOS



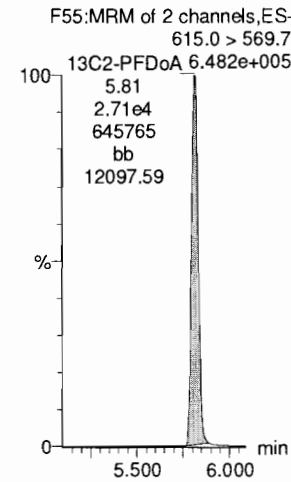
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

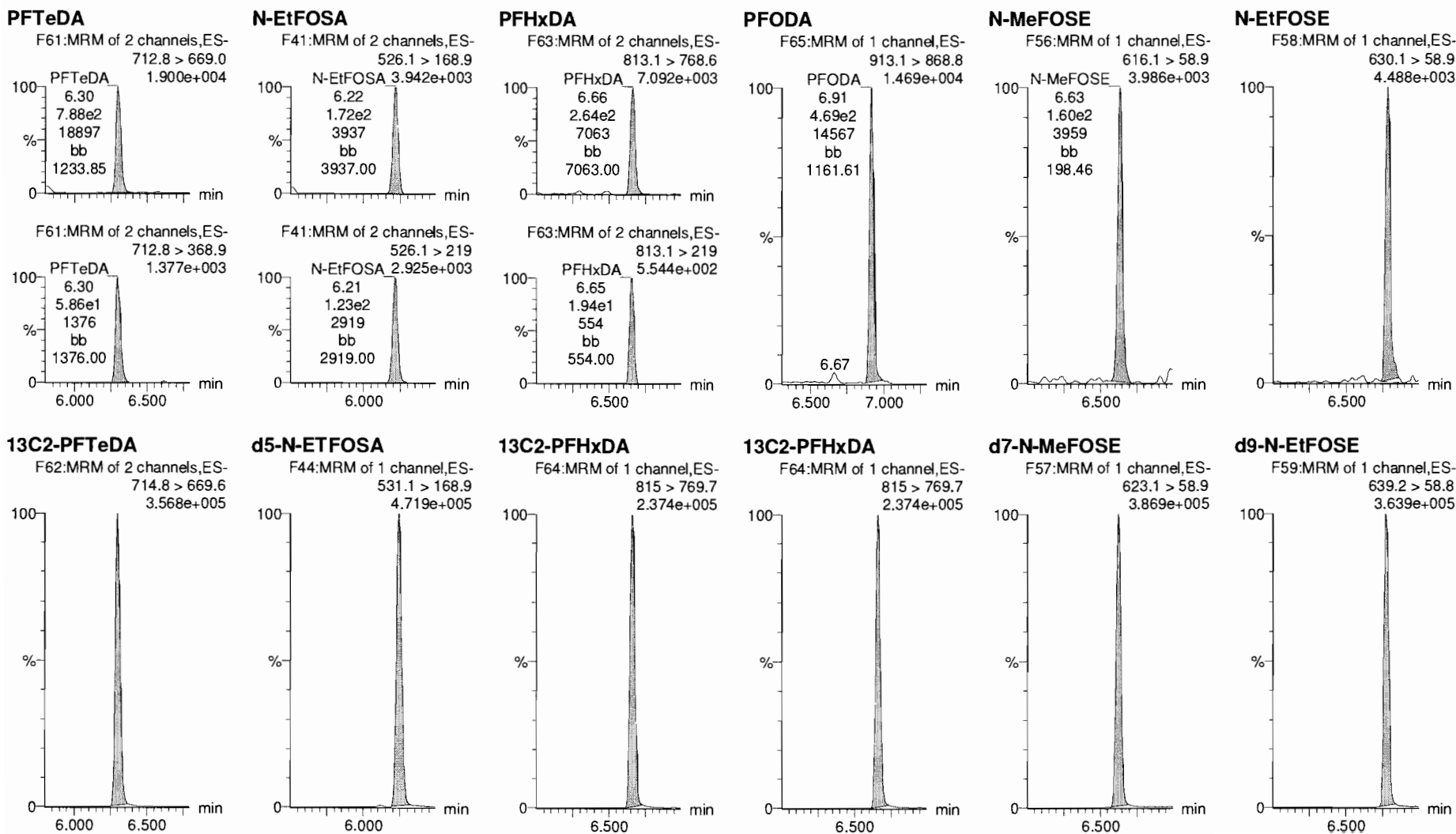


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

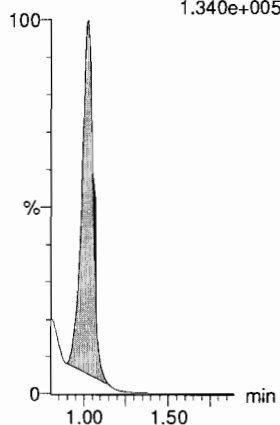
Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_2, Date: 19-Oct-2018, Time: 10:36:38, ID: ST181019M1-1 PFC CS-2 18J1702, Description: PFC CS-2 18J1702

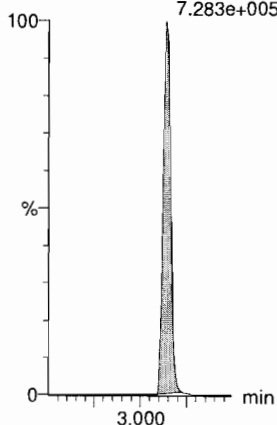
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.340e+005



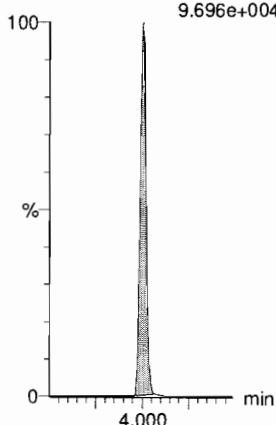
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.283e+005



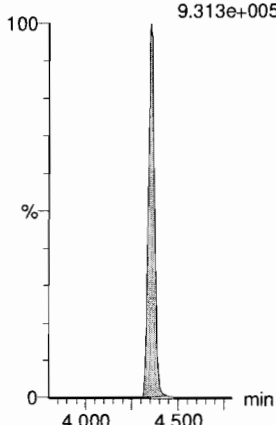
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.696e+004



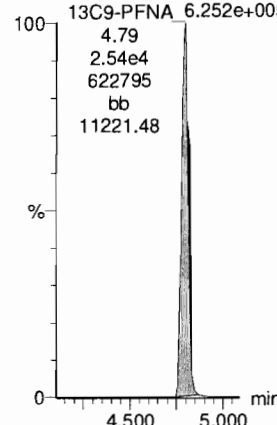
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.313e+005



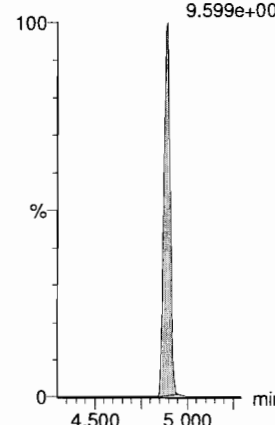
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.252e+005



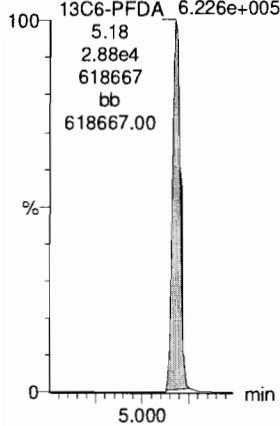
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.599e+004



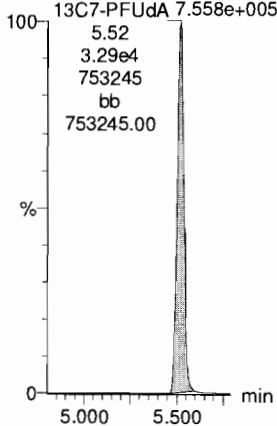
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.226e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.558e+005

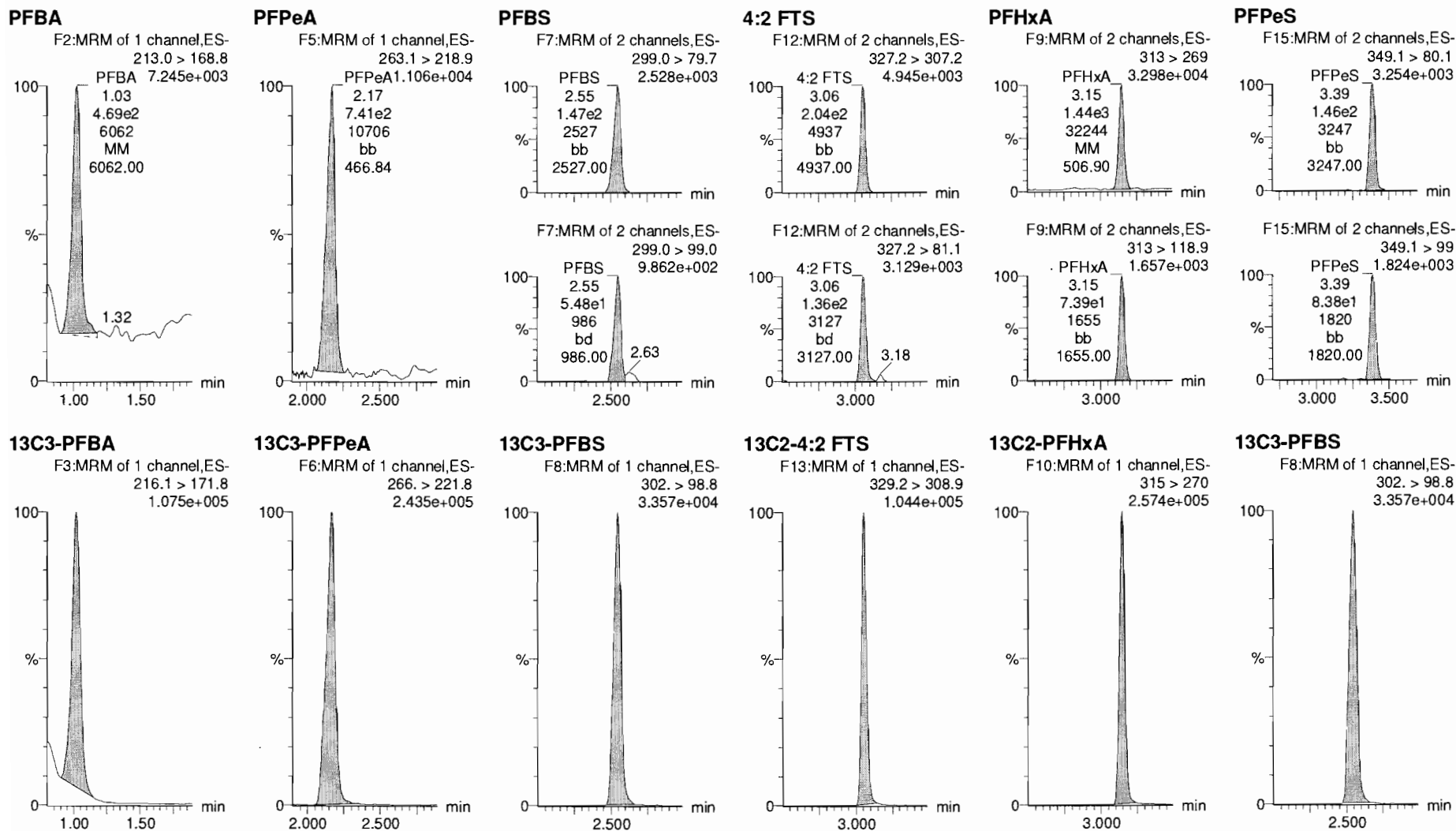


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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_3, Date: 19-Oct-2018, Time: 10:47:11, ID: ST181019M1-2 PFC CS-1 18J1703, Description: PFC CS-1 18J1703

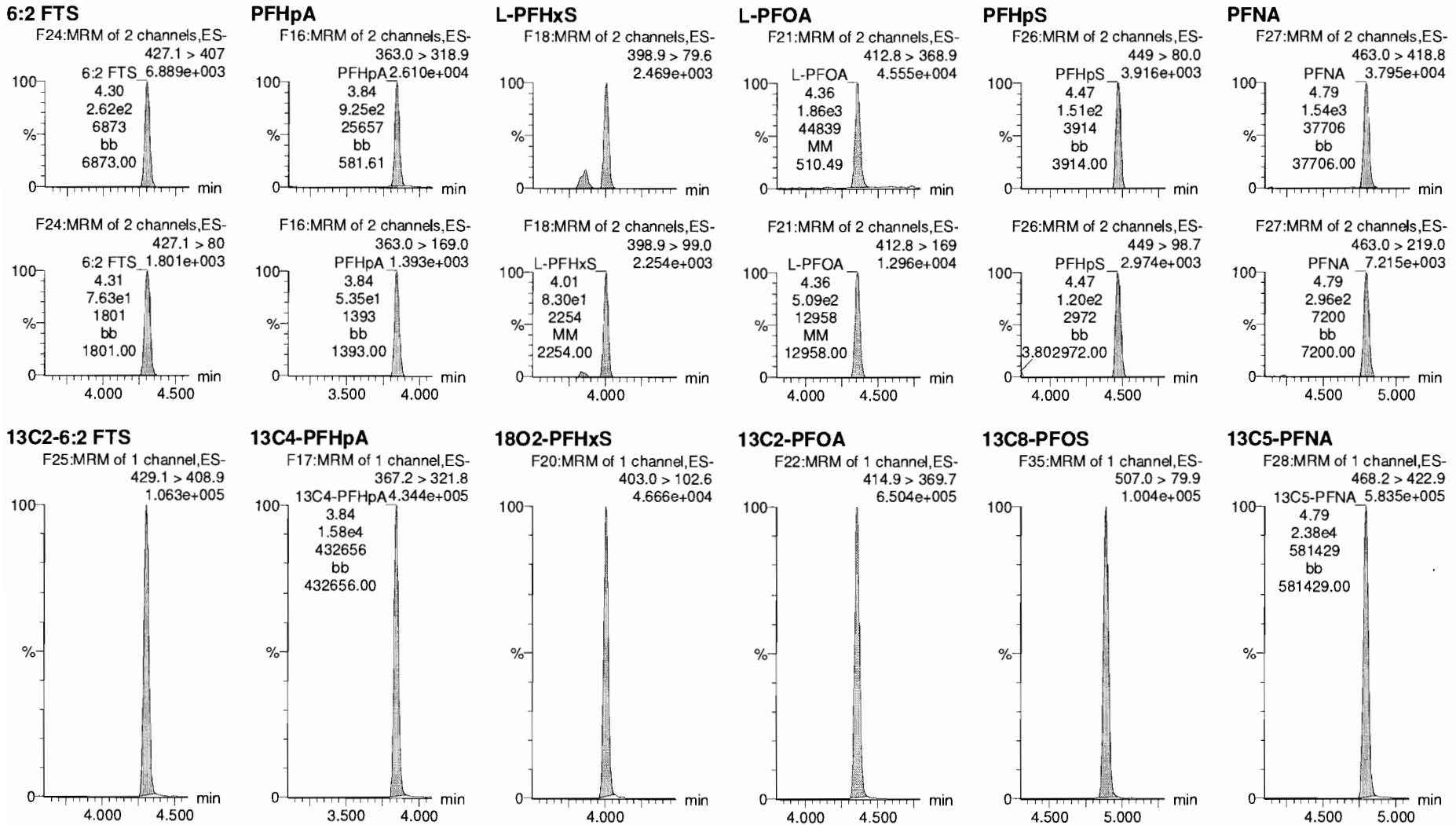


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_3, Date: 19-Oct-2018, Time: 10:47:11, ID: ST181019M1-2 PFC CS-1 18J1703, Description: PFC CS-1 18J1703



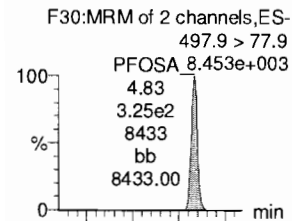
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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

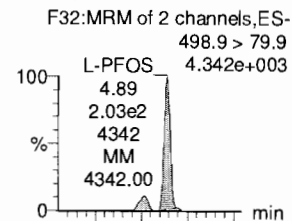
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

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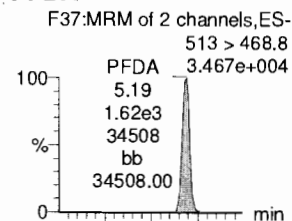
PFOSA



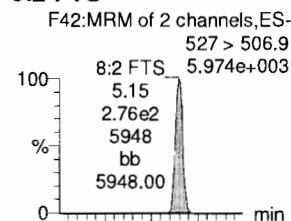
L-PFOS



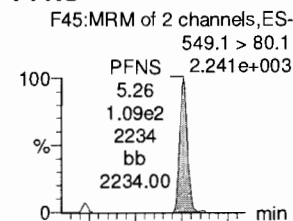
PFDA



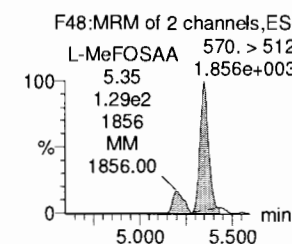
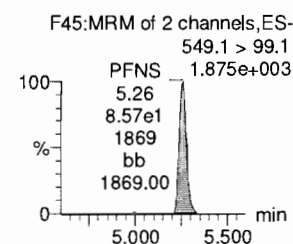
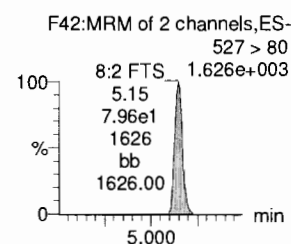
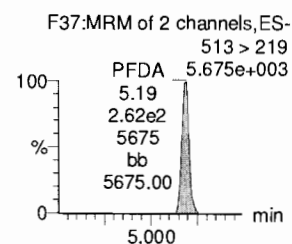
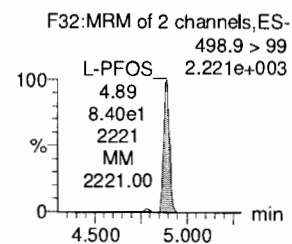
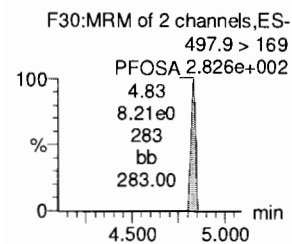
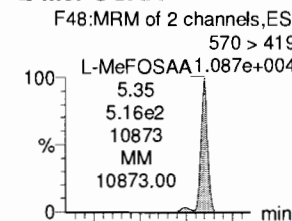
8:2 FTS



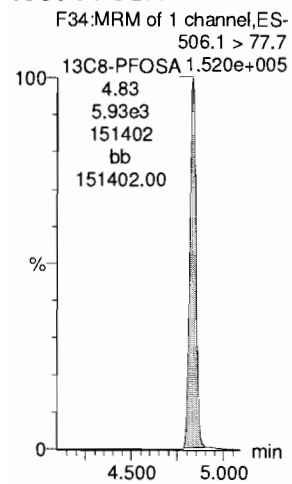
PFNS



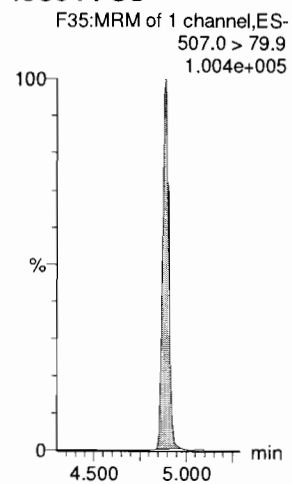
L-MeFOSAA



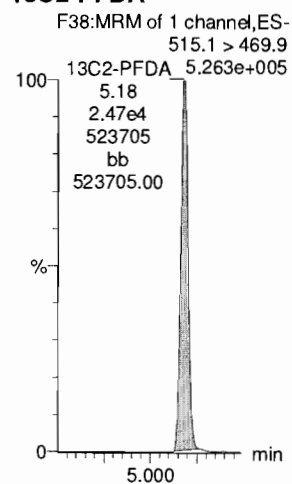
13C8-PFOSA



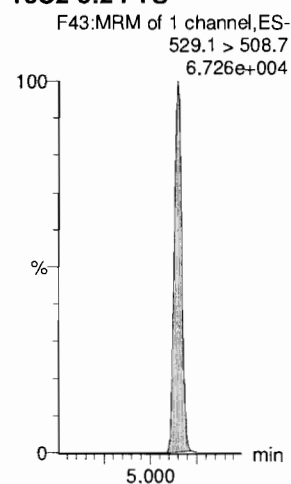
13C8-PFOS



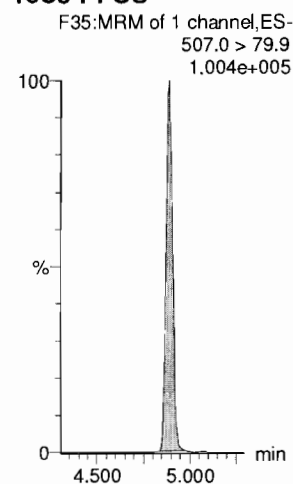
13C2-PFDA



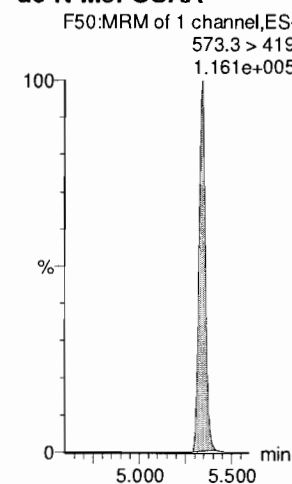
13C2-8:2 FTS



13C8-PFOS



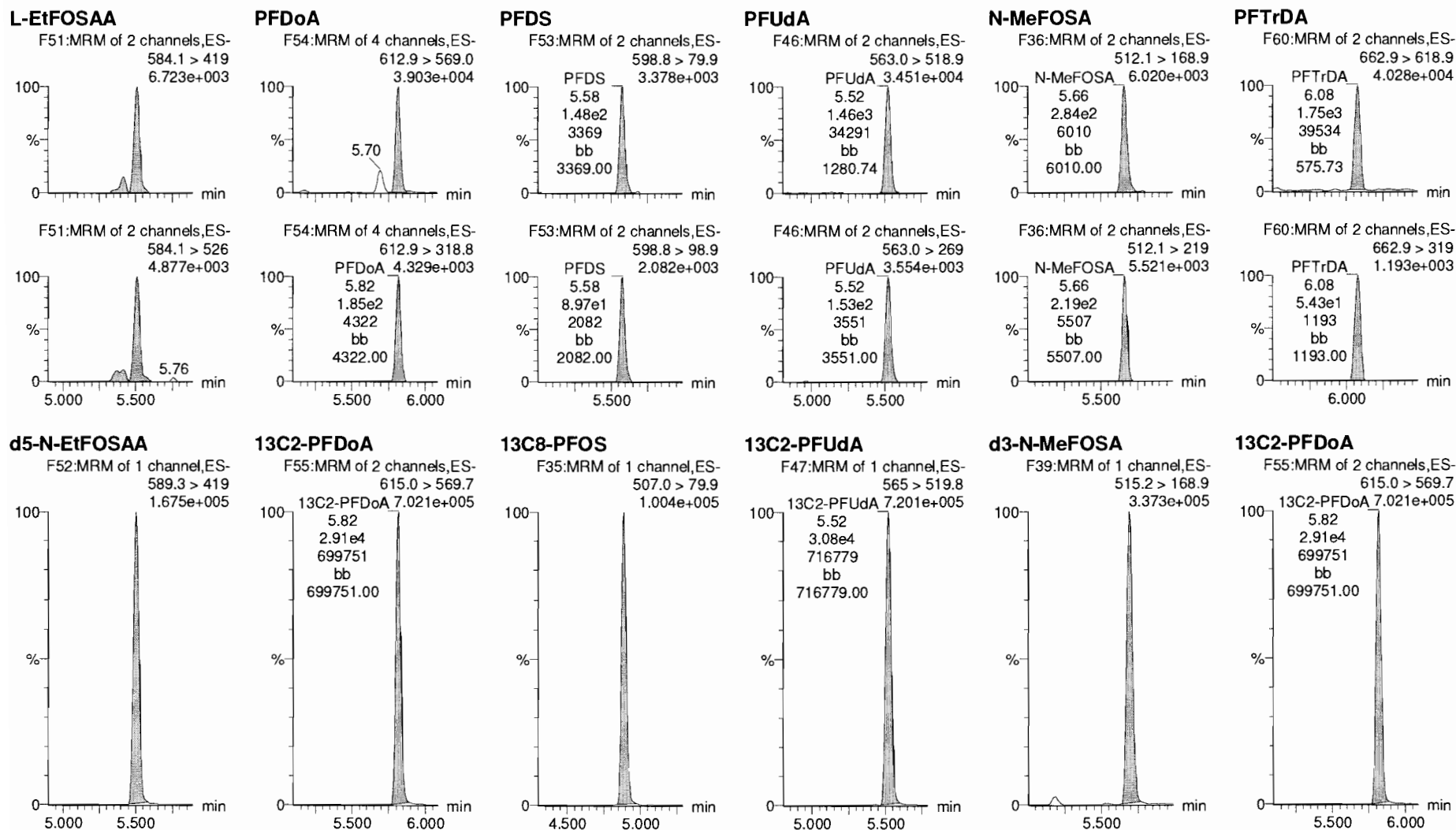
d3-N-MeFOSAA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_3, Date: 19-Oct-2018, Time: 10:47:11, ID: ST181019M1-2 PFC CS-1 18J1703, Description: PFC CS-1 18J1703

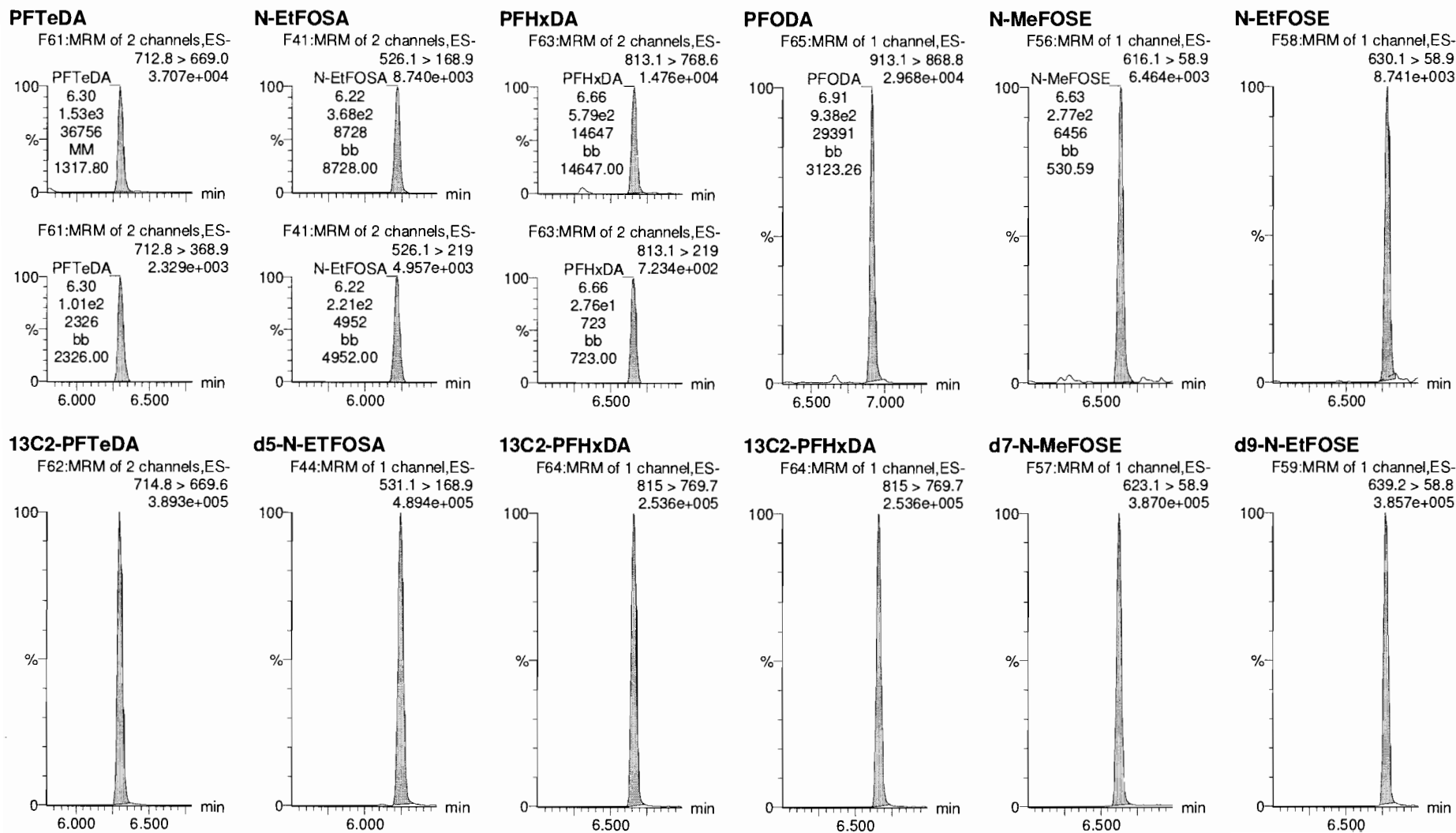


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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_3, Date: 19-Oct-2018, Time: 10:47:11, ID: ST181019M1-2 PFC CS-1 18J1703, Description: PFC CS-1 18J1703



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

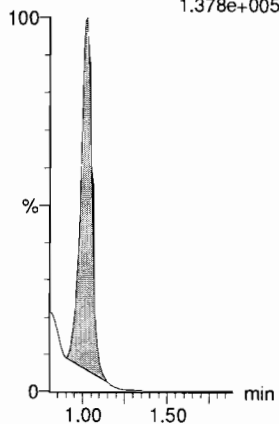
Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_3, Date: 19-Oct-2018, Time: 10:47:11, ID: ST181019M1-2 PFC CS-1 18J1703, Description: PFC CS-1 18J1703

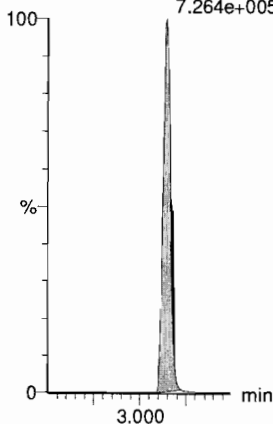
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.378e+005



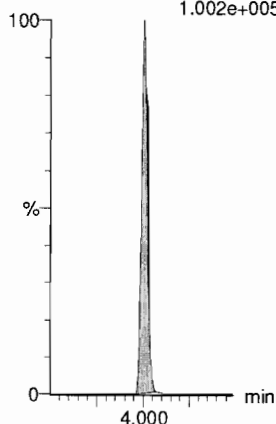
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.264e+005



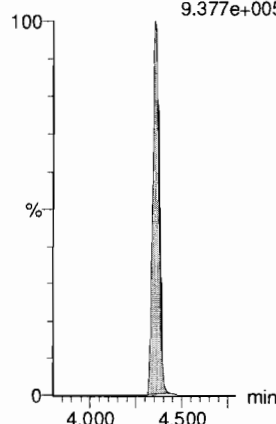
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.002e+005



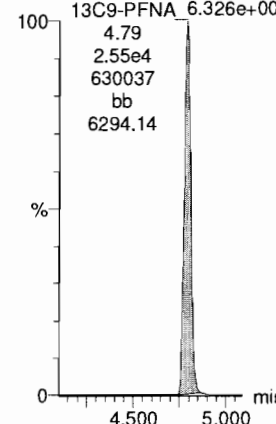
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.377e+005



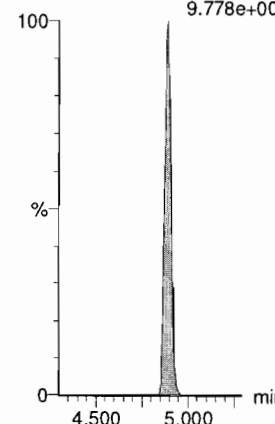
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.326e+005



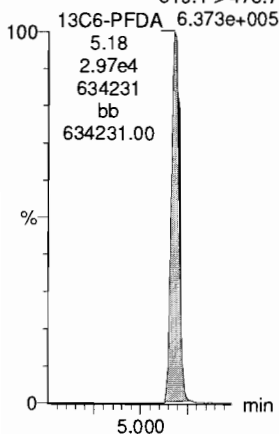
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.778e+004



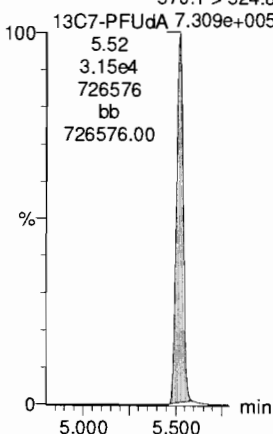
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.373e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.309e+005

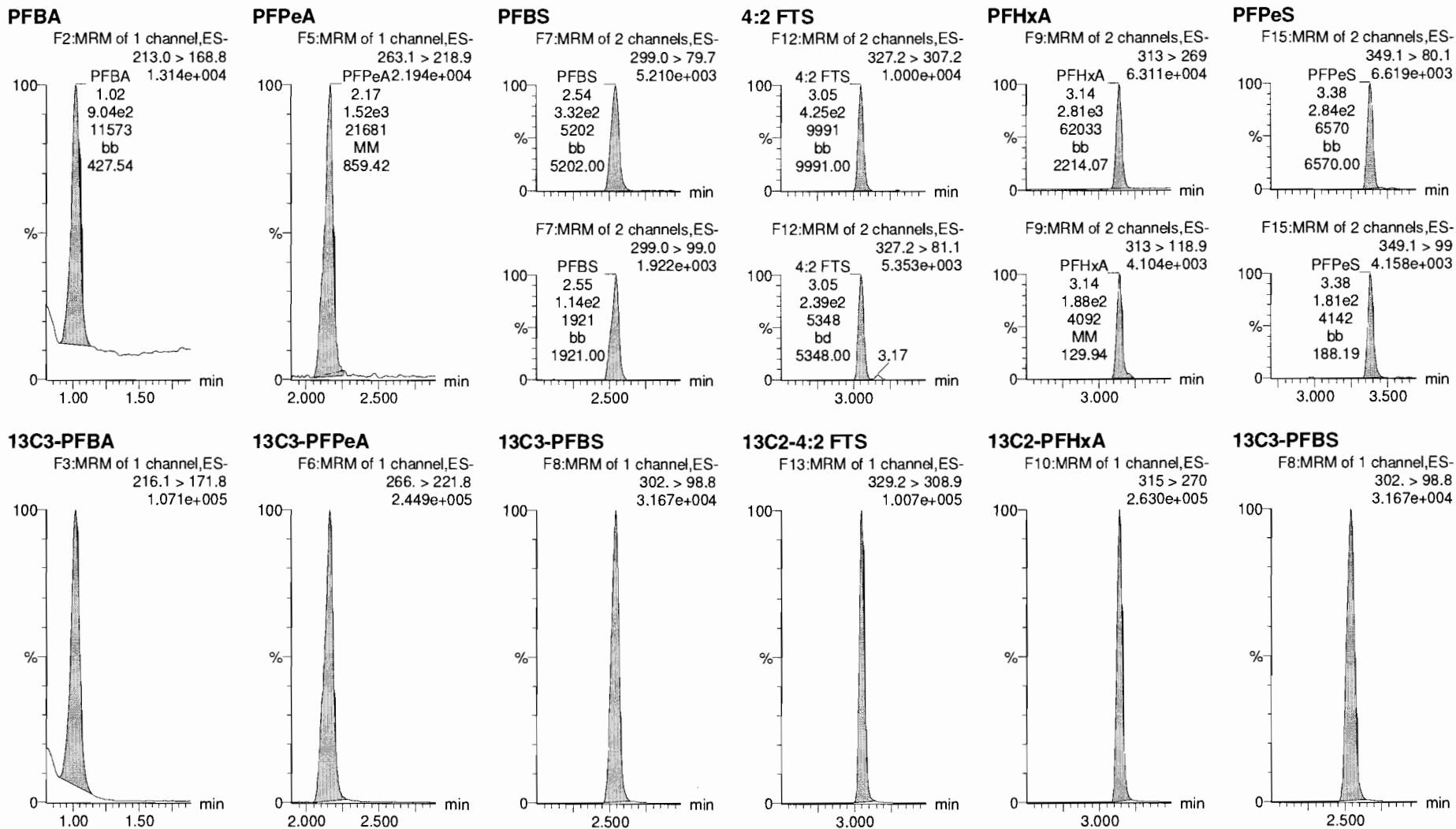


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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_4, Date: 19-Oct-2018, Time: 10:57:49, ID: ST181019M1-3 PFC CS0 18J1704, Description: PFC CS0 18J1704

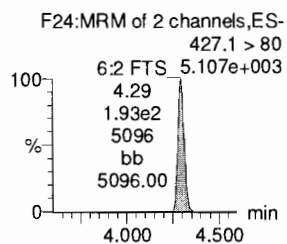
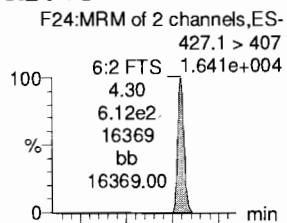


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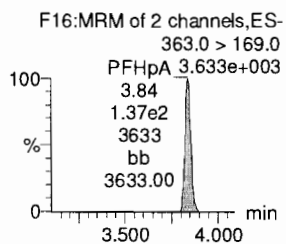
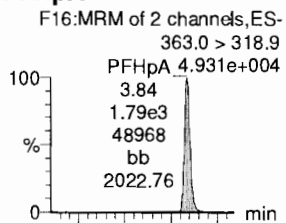
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Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_4, Date: 19-Oct-2018, Time: 10:57:49, ID: ST181019M1-3 PFC CS0 18J1704, Description: PFC CS0 18J1704

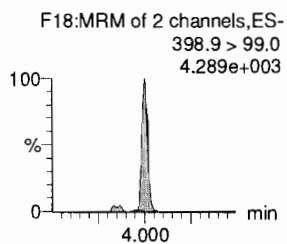
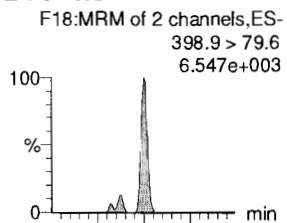
6:2 FTS



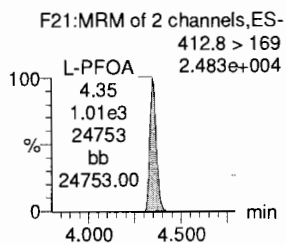
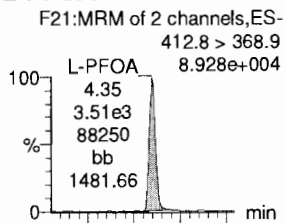
PFHpA



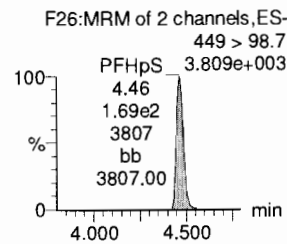
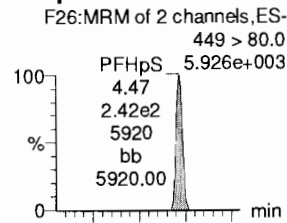
L-PFHxS



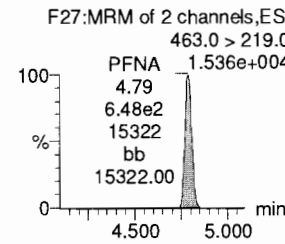
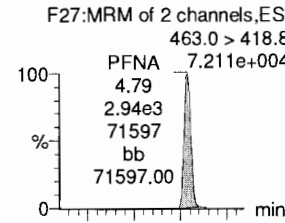
L-PFOA



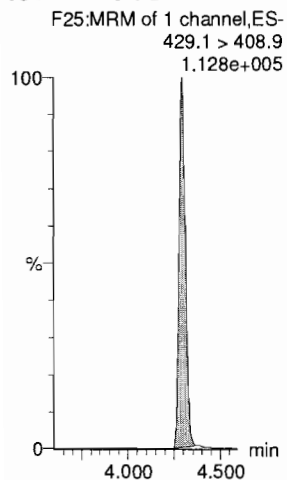
PFHpS



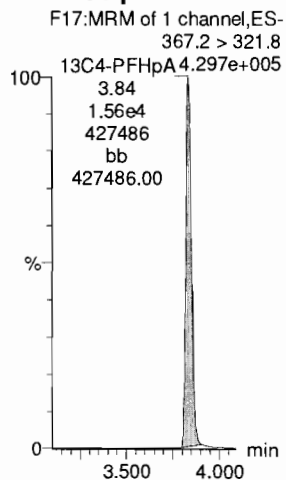
PFNA



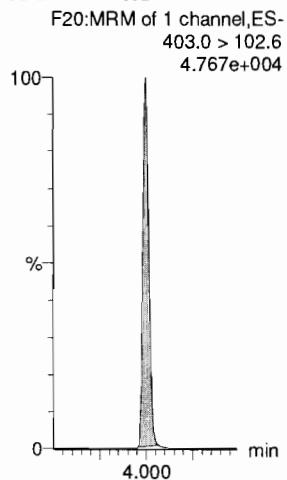
13C2-6:2 FTS



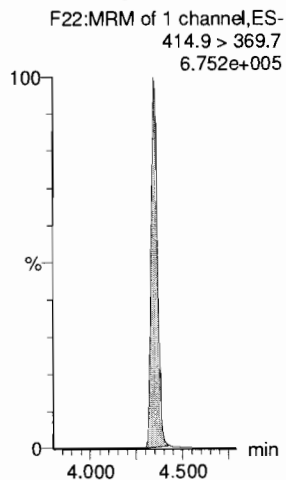
13C4-PFHpA



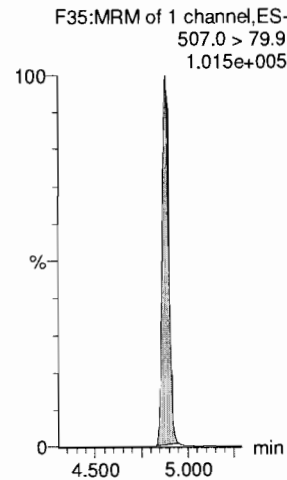
18O2-PFHxS



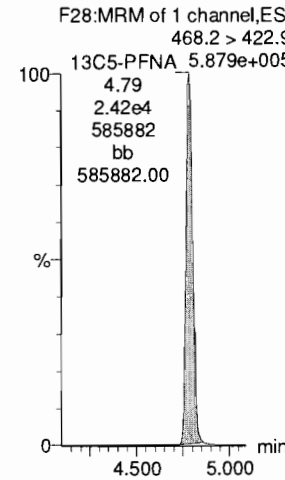
13C2-PFOA



13C8-PFOS



13C5-PFNA

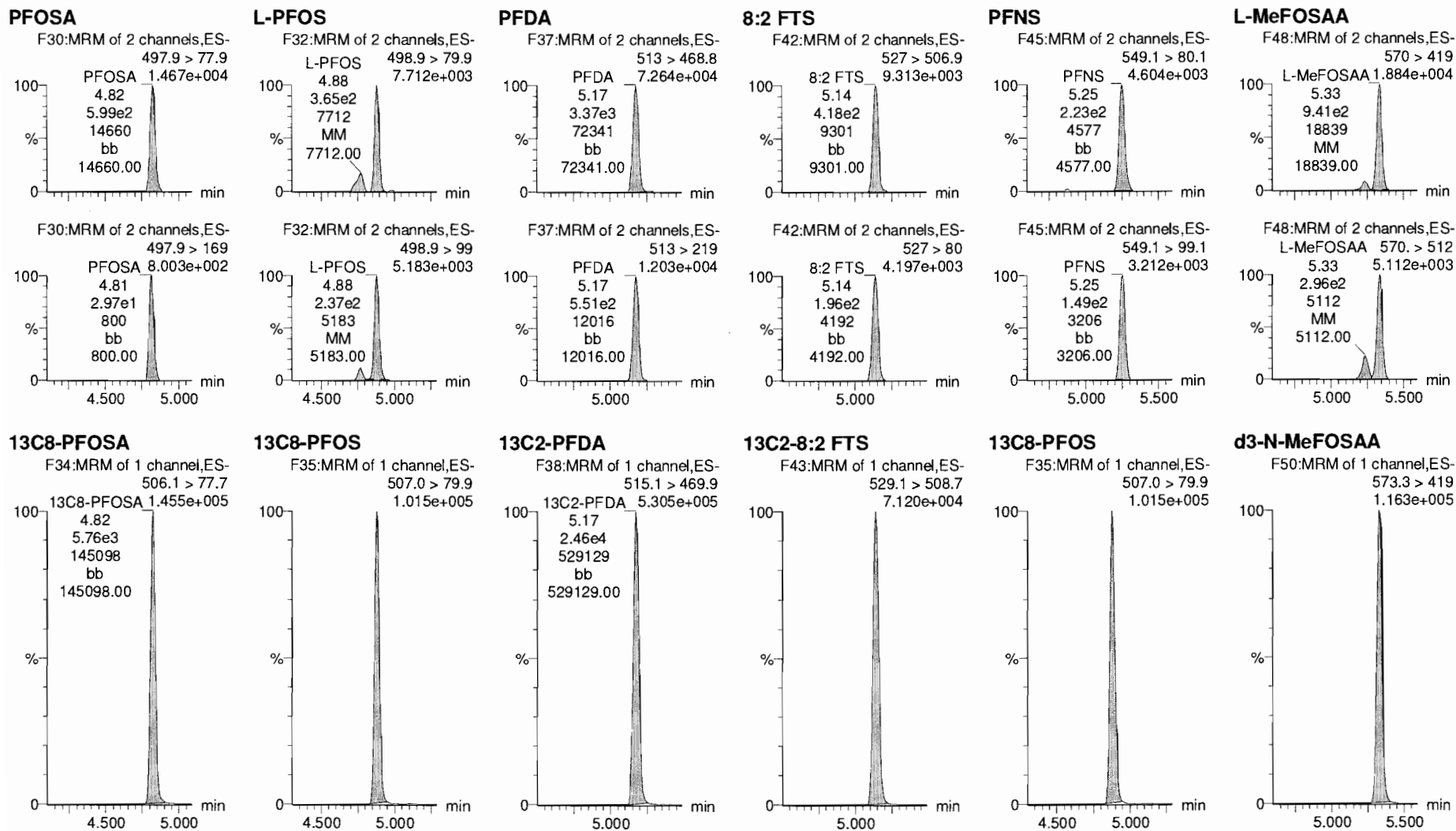


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_4, Date: 19-Oct-2018, Time: 10:57:49, ID: ST181019M1-3 PFC CS0 18J1704, Description: PFC CS0 18J1704



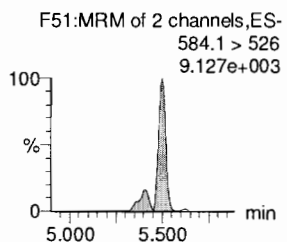
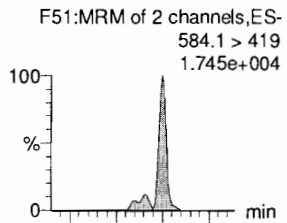
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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

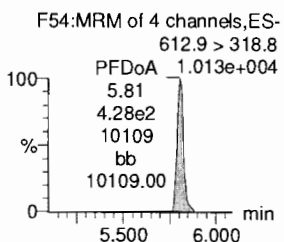
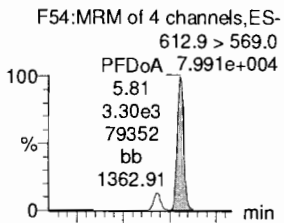
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Name: 181019M1_4, Date: 19-Oct-2018, Time: 10:57:49, ID: ST181019M1-3 PFC CS0 18J1704, Description: PFC CS0 18J1704

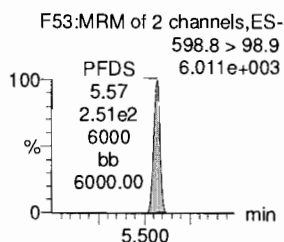
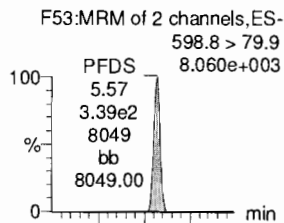
L-EtFOSAA



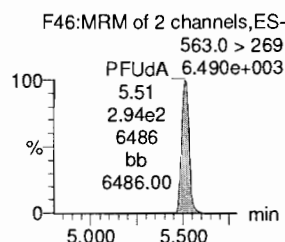
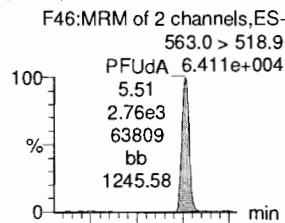
PFDoA



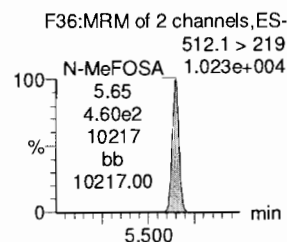
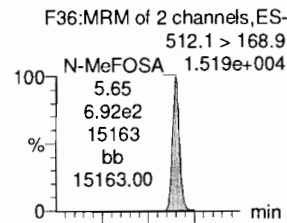
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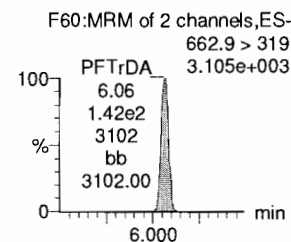
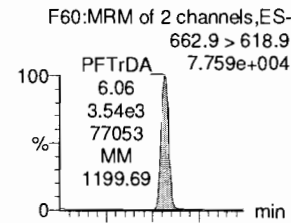
PFUdA



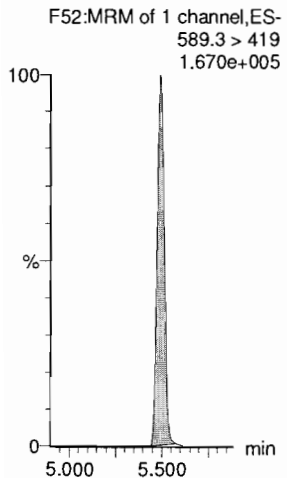
N-MeFOSA



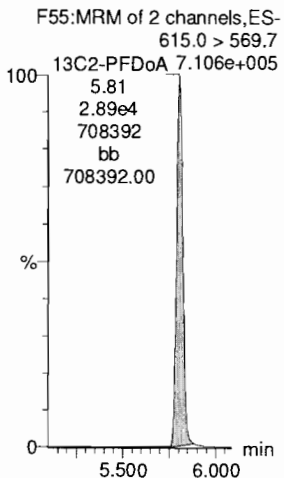
PFTTrDA



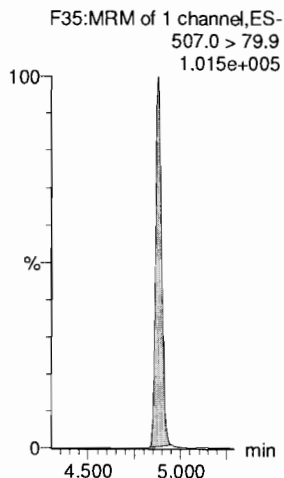
d5-N-EtFOSAA



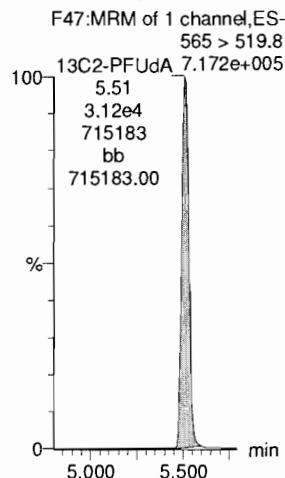
13C2-PFDoA



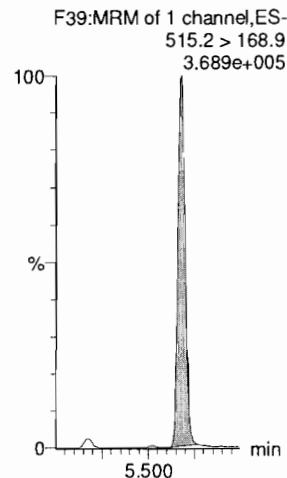
13C8-PFOS



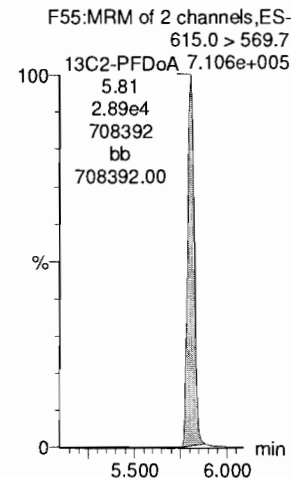
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA



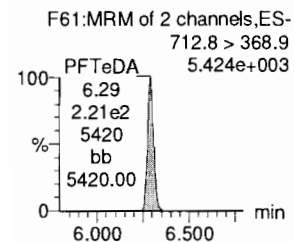
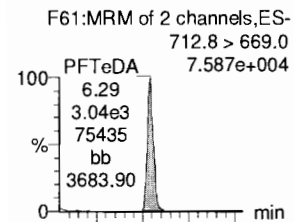
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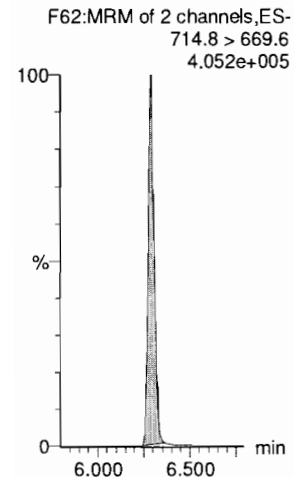
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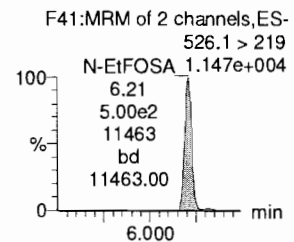
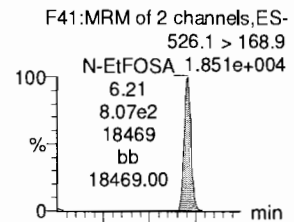
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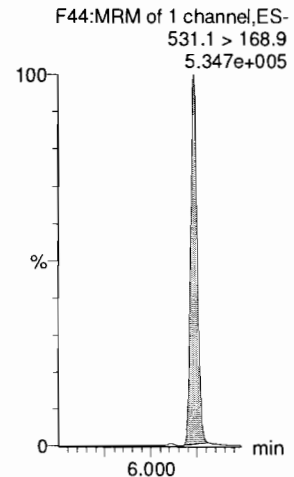
13C2-PFTeDA



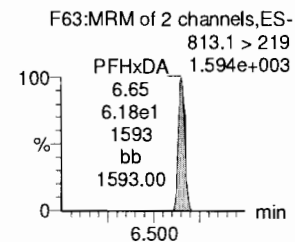
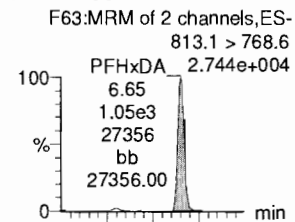
N-EtFOSA



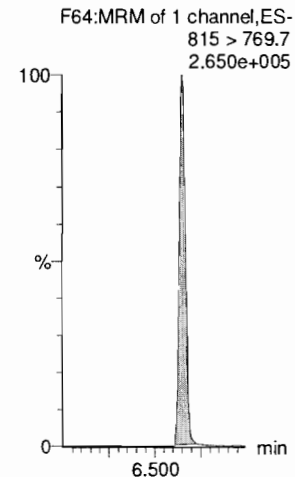
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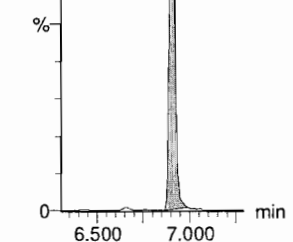
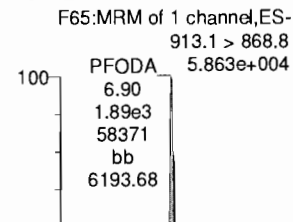
PFHxDA



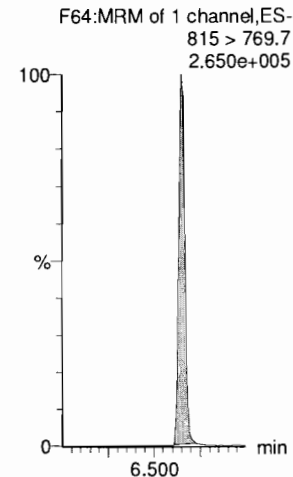
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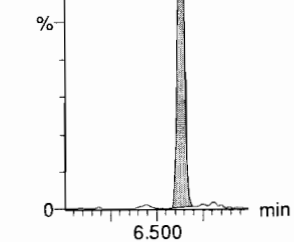
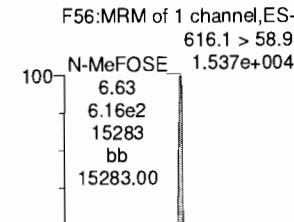
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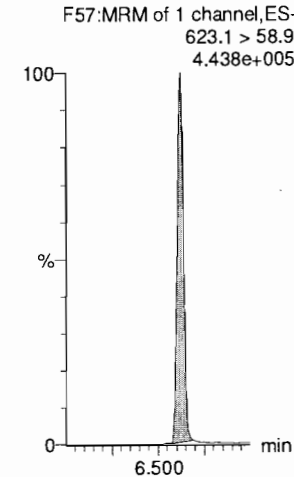
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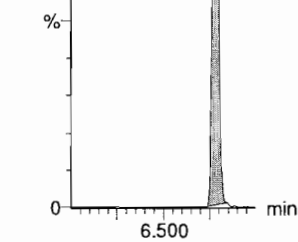
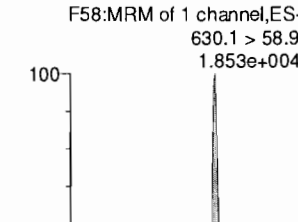
N-MeFOSE



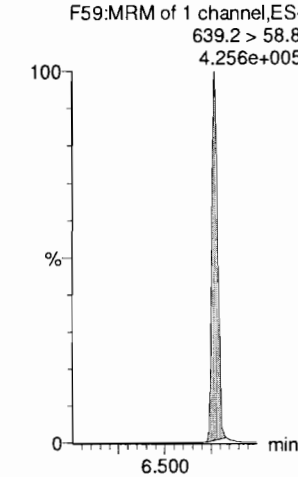
d7-N-MeFOSE



N-EtFOSE



d9-N-EtFOSE



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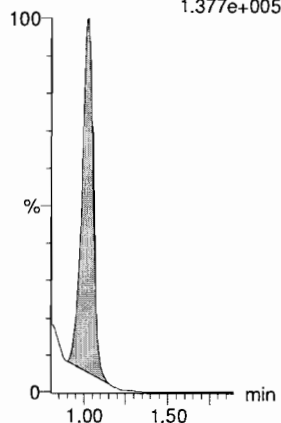
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Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_4, Date: 19-Oct-2018, Time: 10:57:49, ID: ST181019M1-3 PFC CS0 18J1704, Description: PFC CS0 18J1704

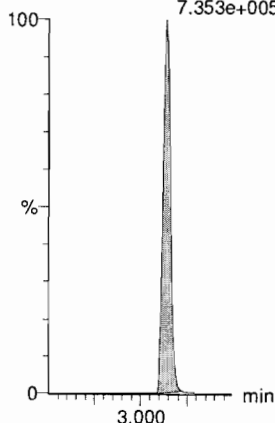
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.377e+005



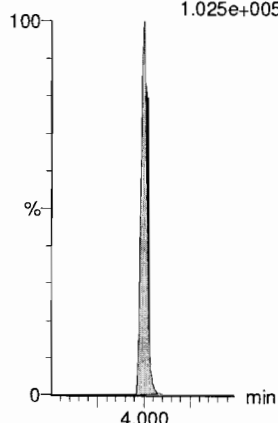
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.353e+005



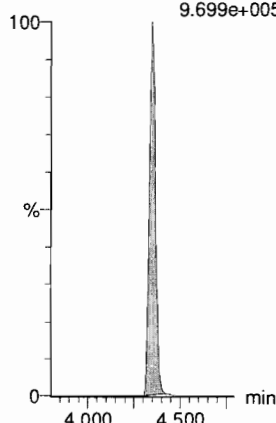
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.025e+005



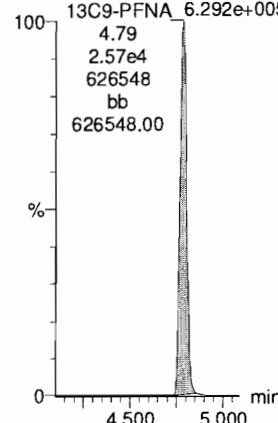
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.699e+005



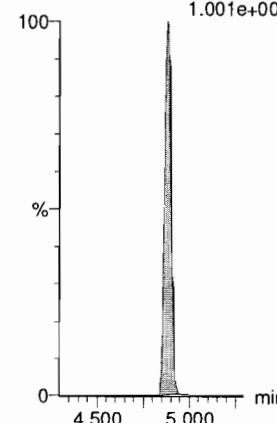
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.292e+005



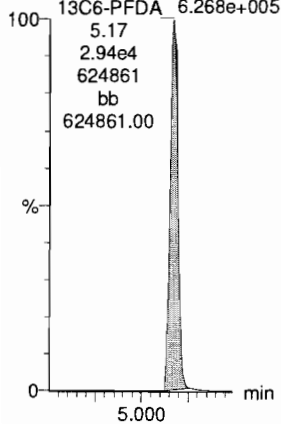
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
1.001e+005



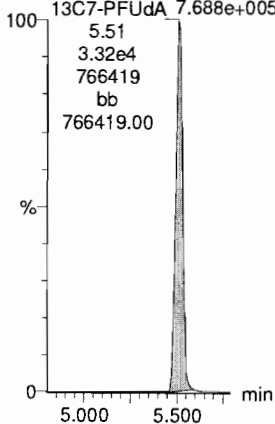
13C6-PFDA

F40:MRM of 1 channel,ES-
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6.268e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.688e+005

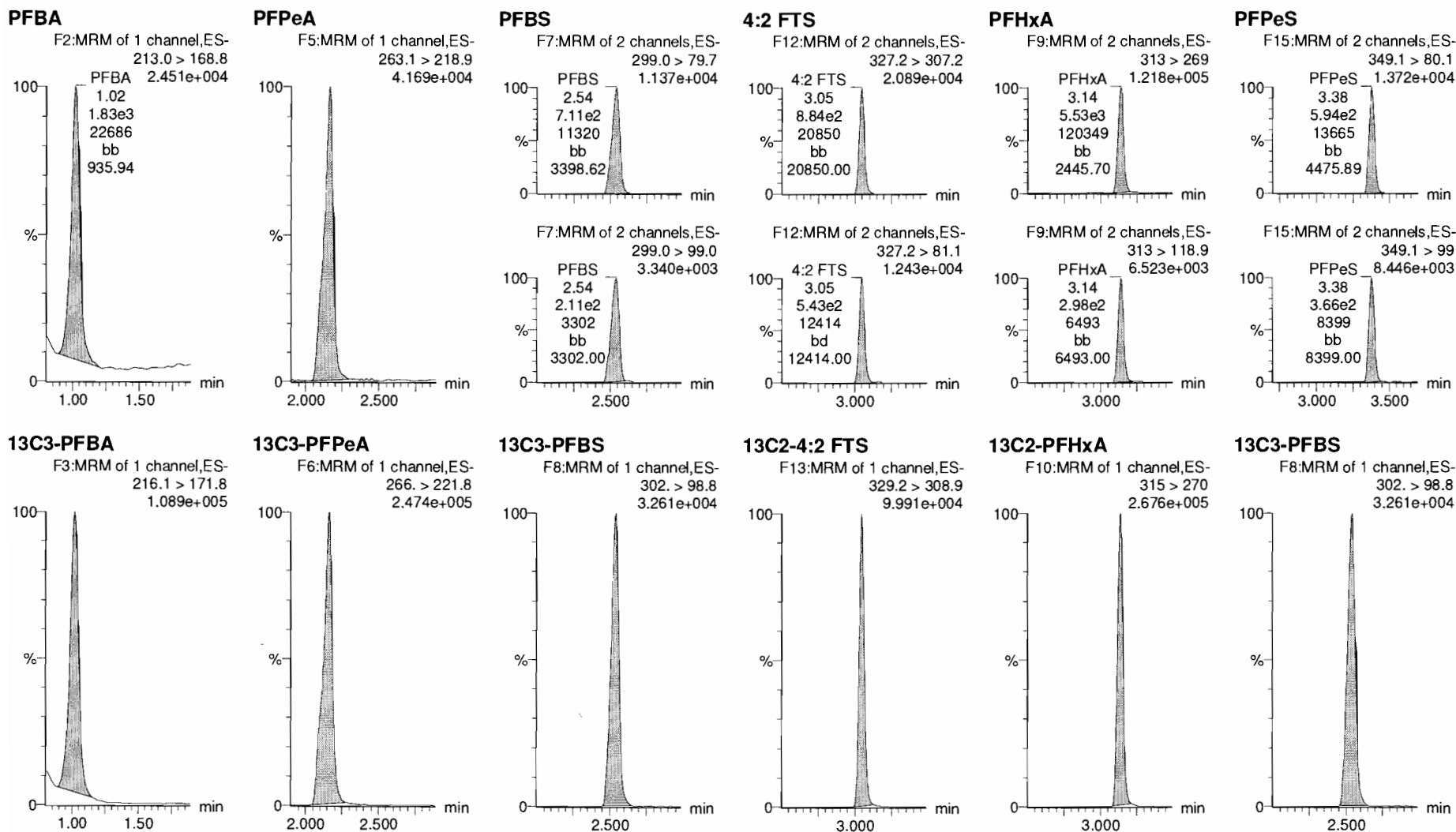


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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

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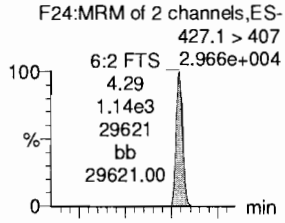


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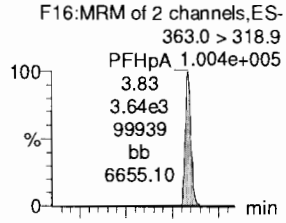
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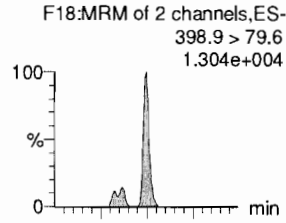
6:2 FTS



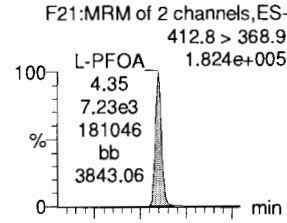
PFHpA



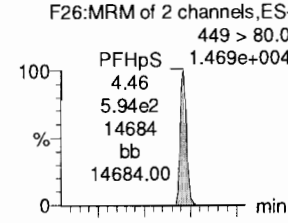
L-PFHxS



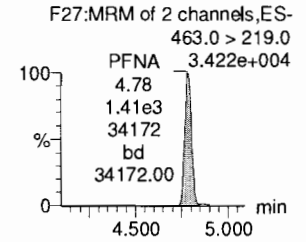
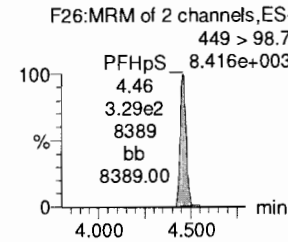
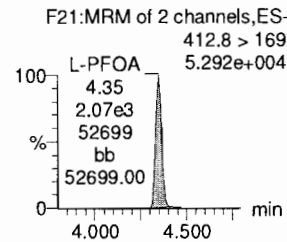
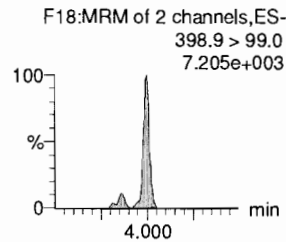
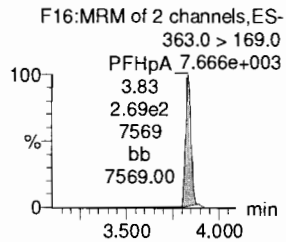
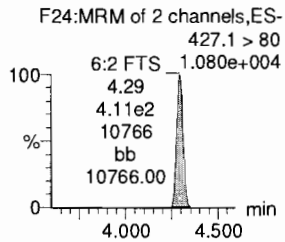
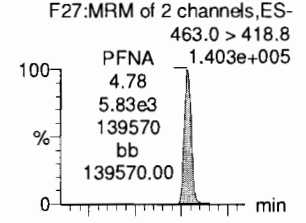
L-PFOA



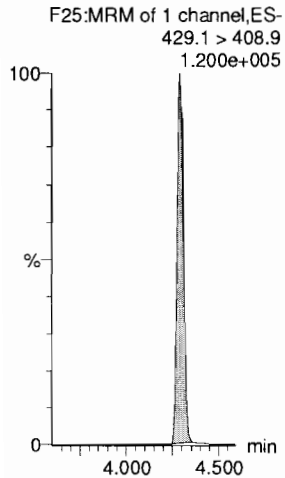
PFHpS



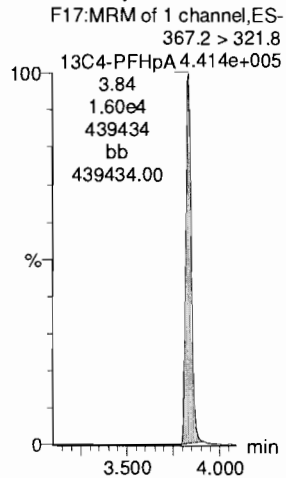
PFNA



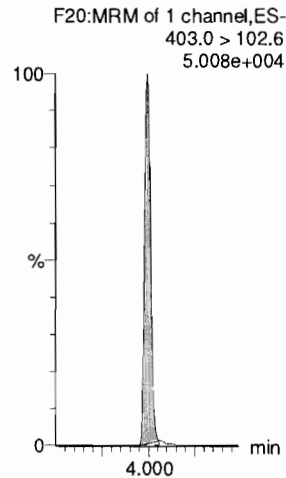
13C2-6:2 FTS



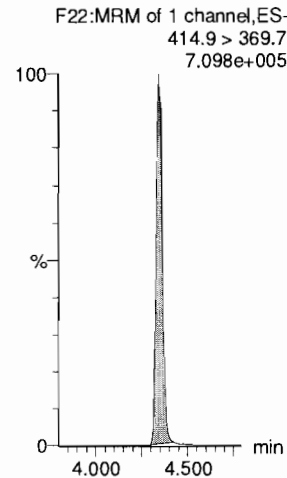
13C4-PFHpA



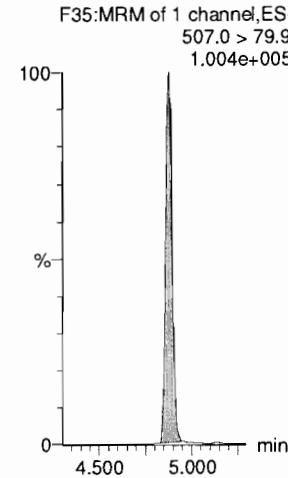
18O2-PFHxS



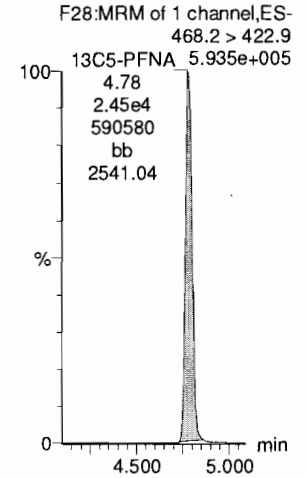
13C2-PFOA



13C8-PFOS



13C5-PFNA

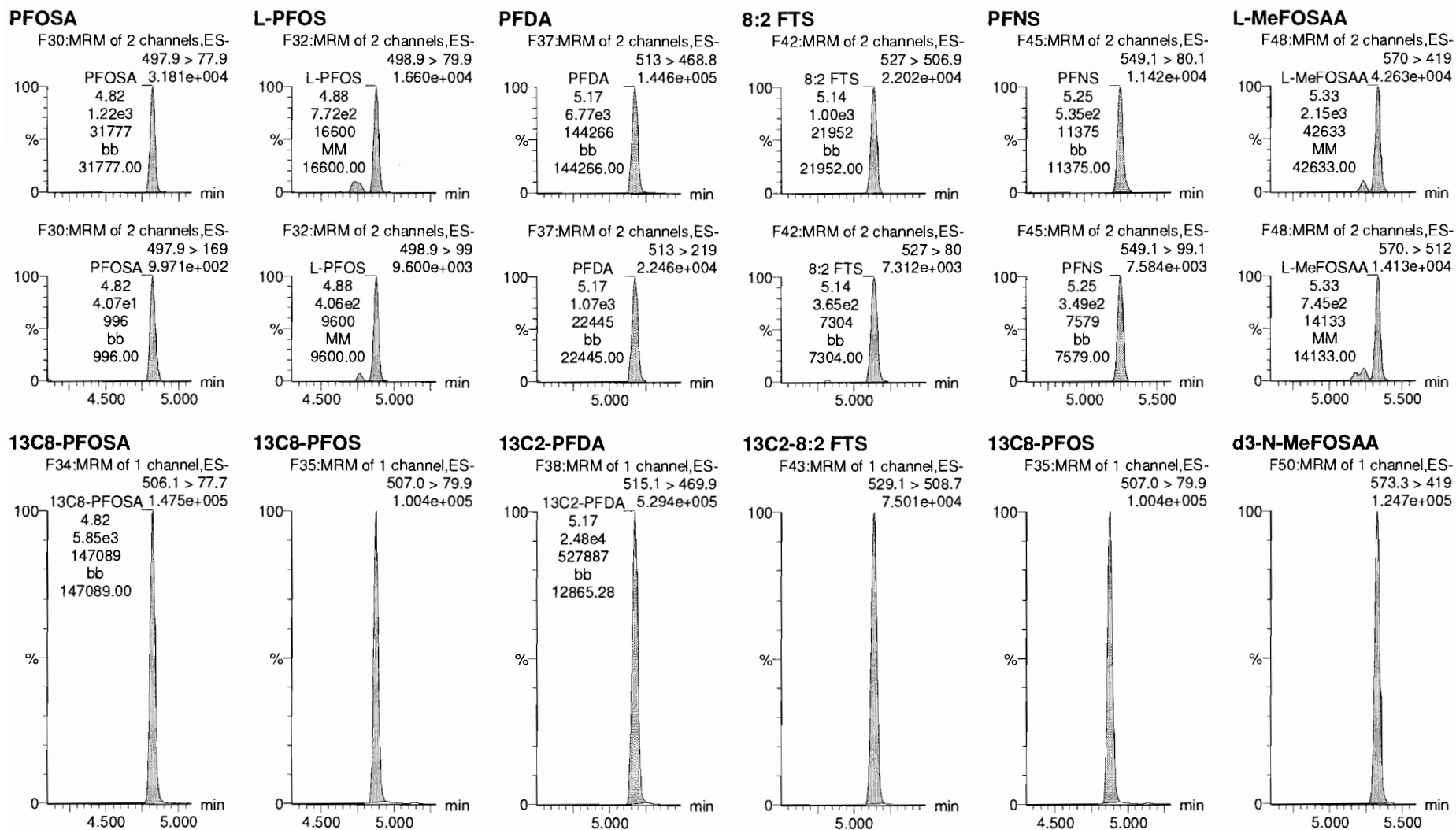


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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_5, Date: 19-Oct-2018, Time: 11:08:22, ID: ST181019M1-4 PFC CS1 18J1705, Description: PFC CS1 18J1705



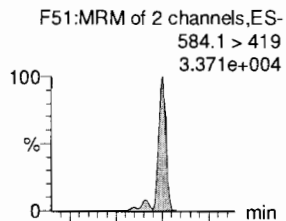
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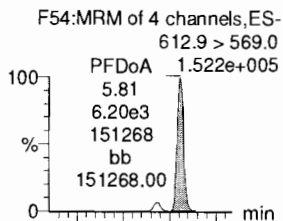
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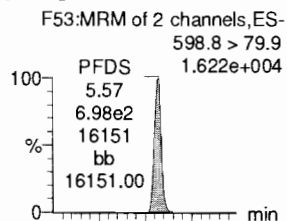
L-EtFOSAA



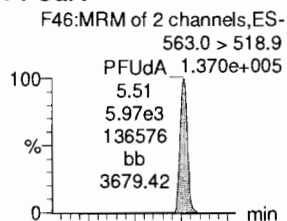
PFDaA



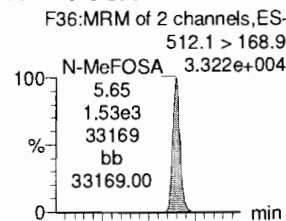
PFDS



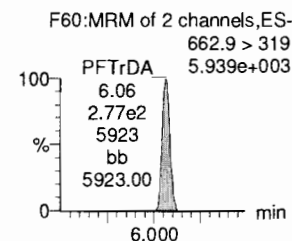
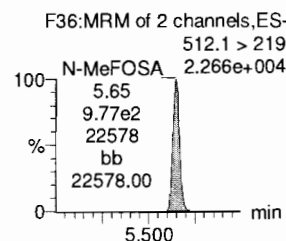
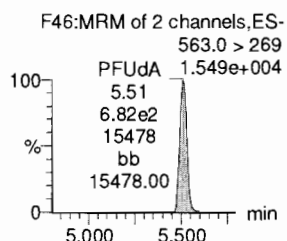
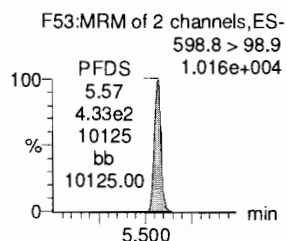
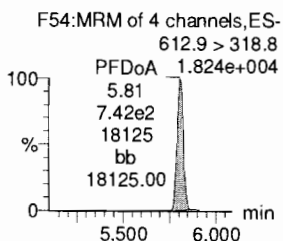
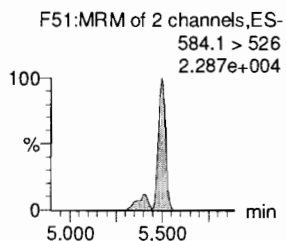
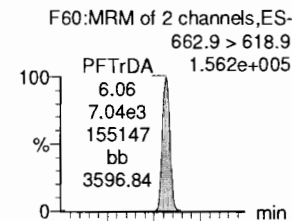
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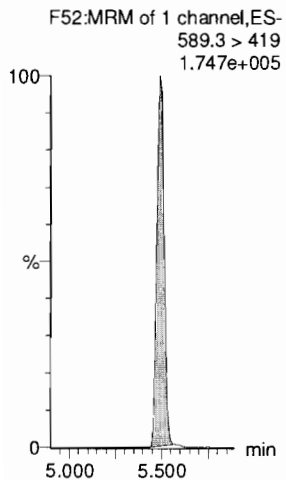
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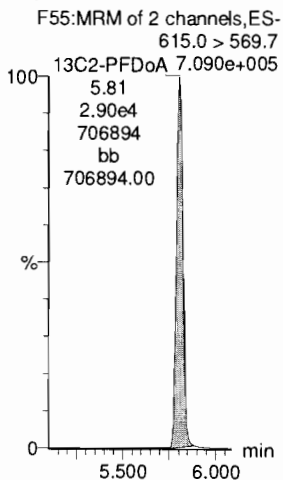
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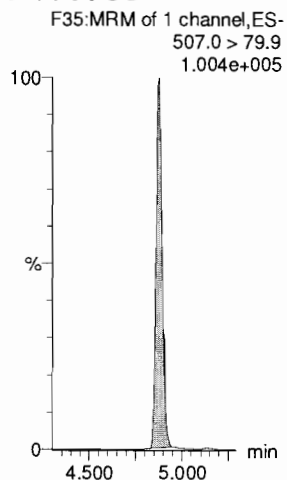
d5-N-EtFOSAA



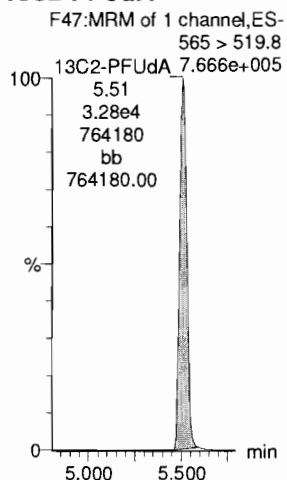
13C2-PFDaA



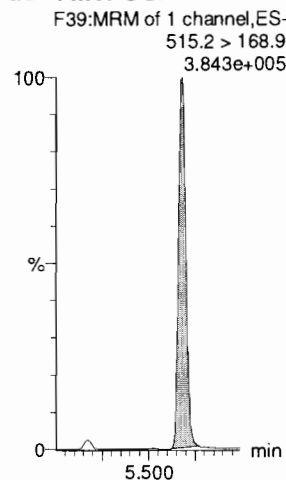
13C8-PFOS



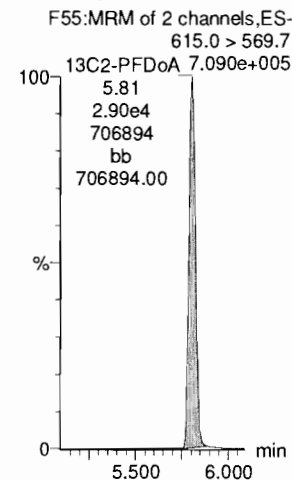
13C2-PFUdA



d3-N-MeFOSA



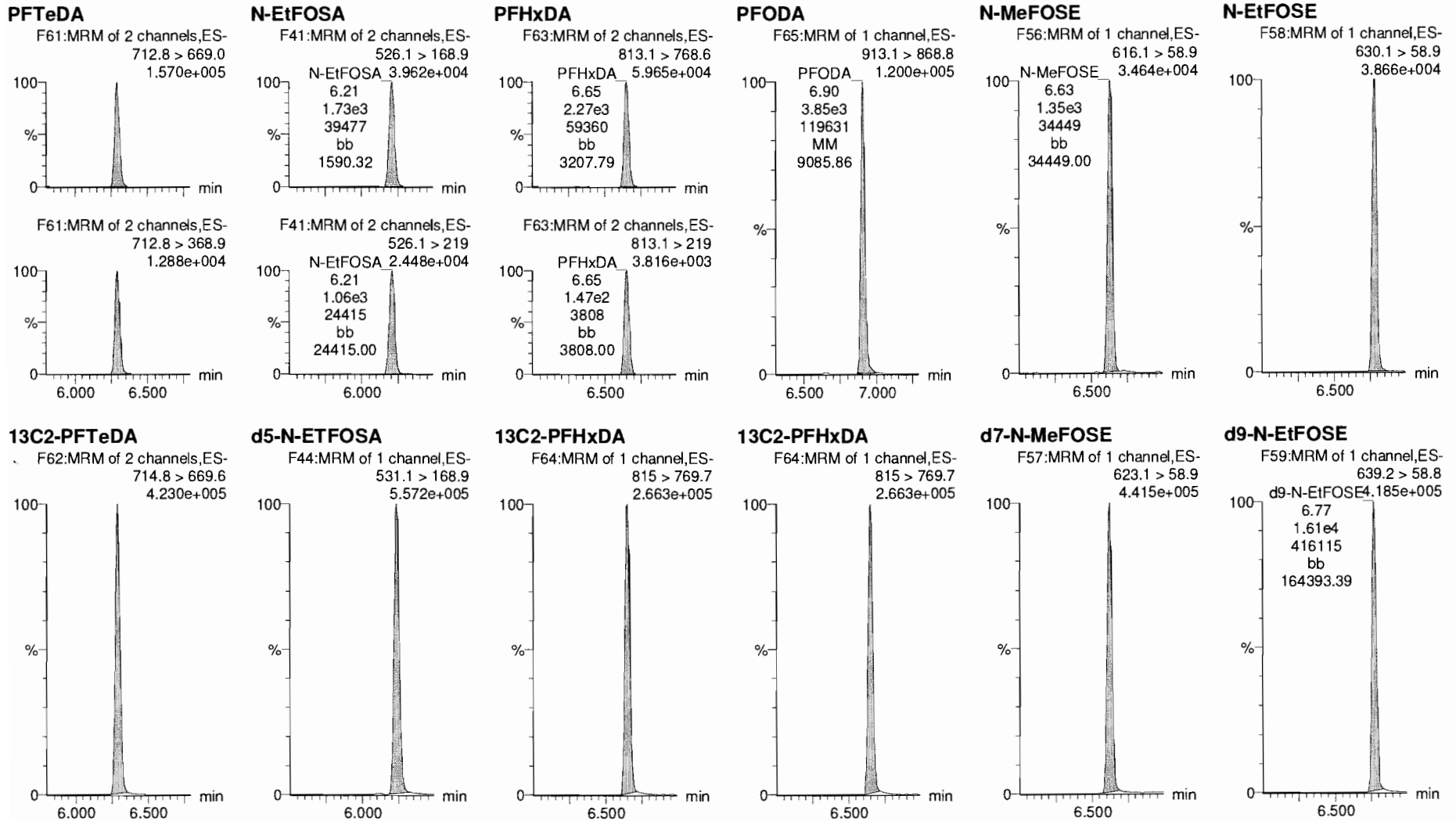
13C2-PFDaA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_5, Date: 19-Oct-2018, Time: 11:08:22, ID: ST181019M1-4 PFC CS1 18J1705, Description: PFC CS1 18J1705



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

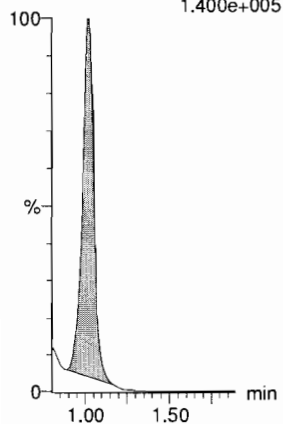
Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_5, Date: 19-Oct-2018, Time: 11:08:22, ID: ST181019M1-4 PFC CS1 18J1705, Description: PFC CS1 18J1705

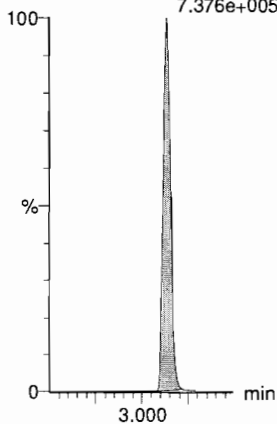
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.400e+005



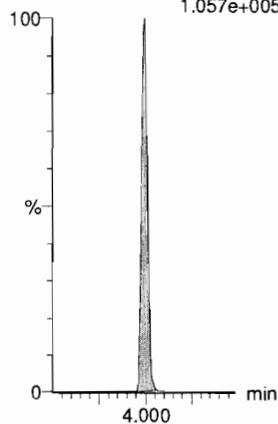
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.376e+005



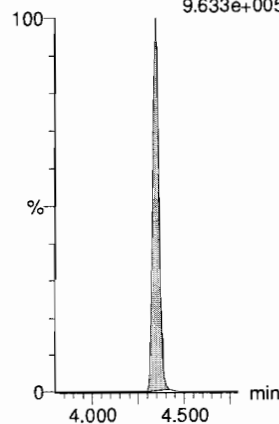
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.057e+005



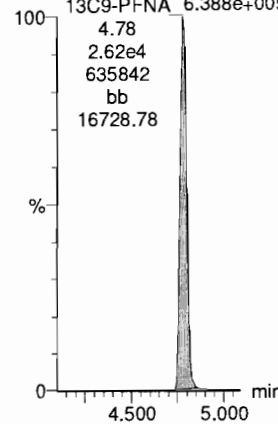
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.633e+005



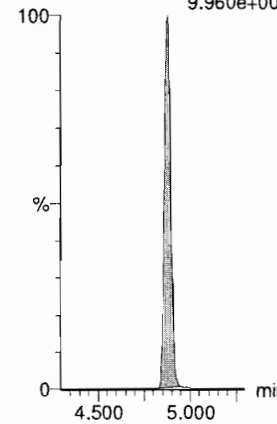
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.388e+005



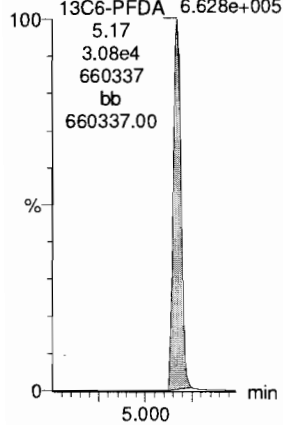
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.960e+004



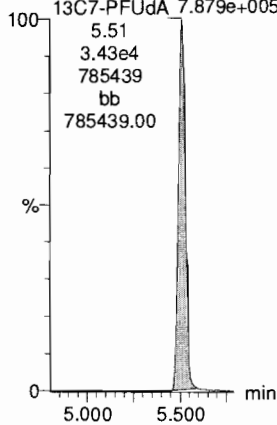
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.628e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.879e+005

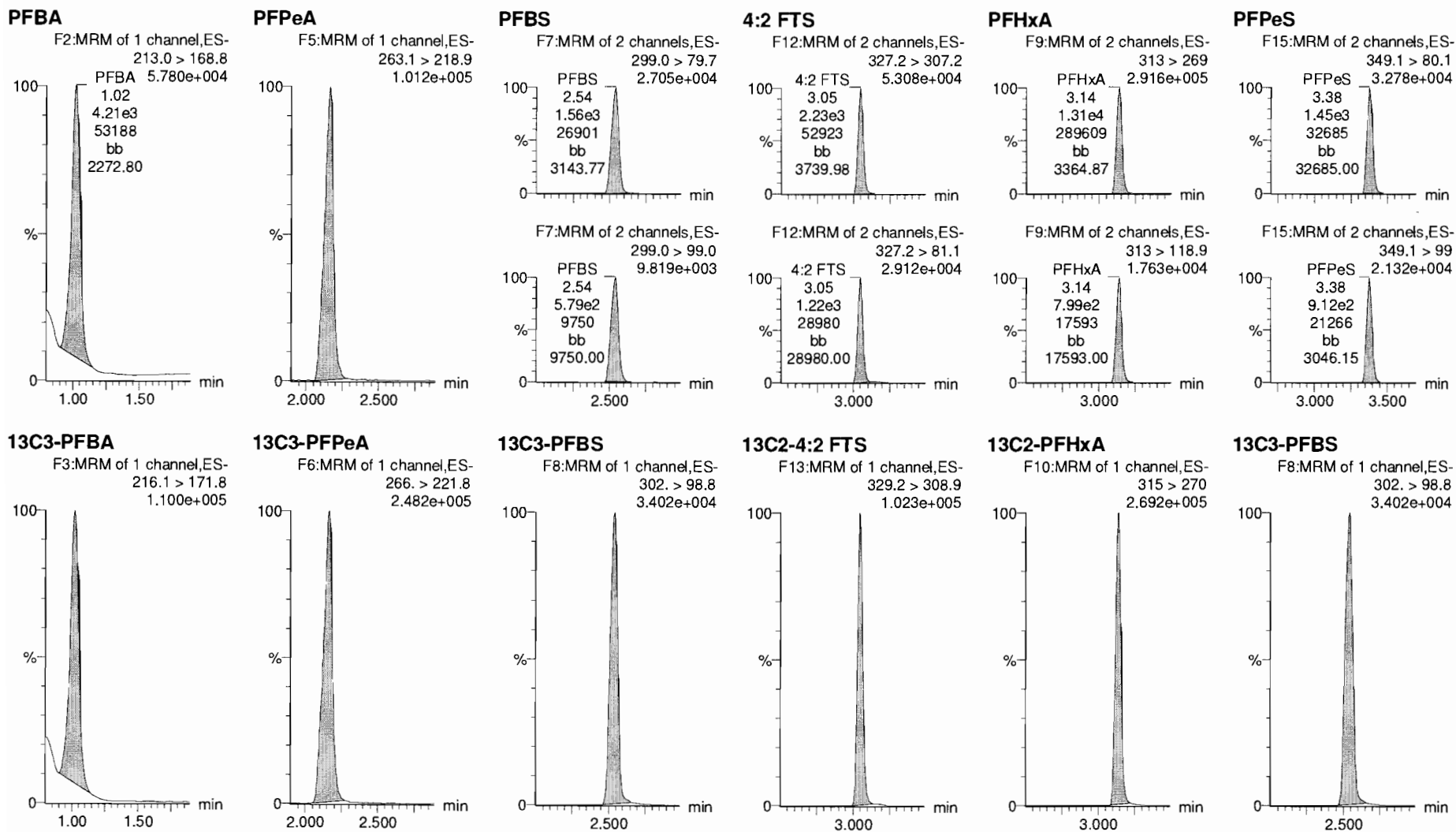


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

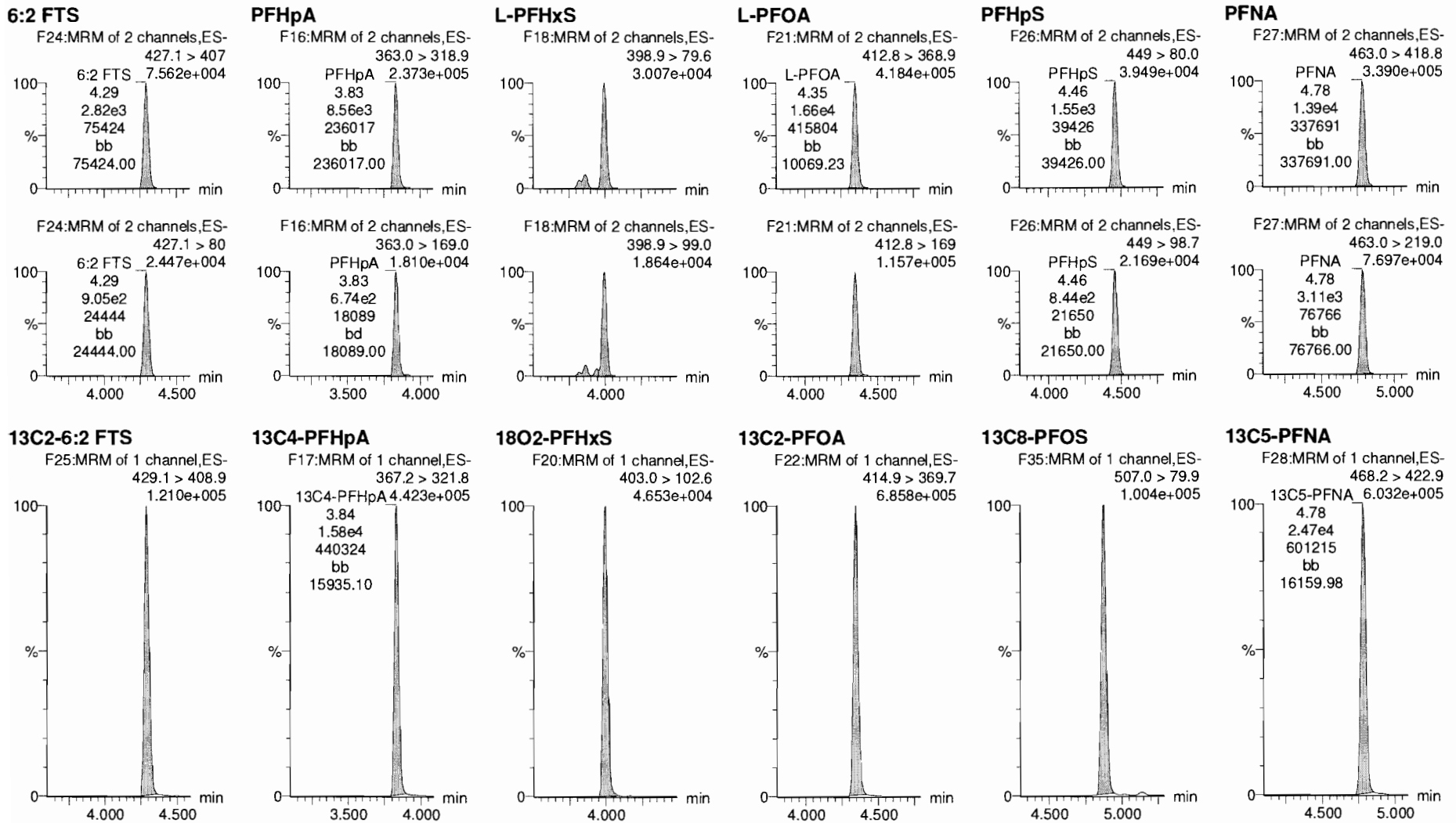
Name: 181019M1_6, Date: 19-Oct-2018, Time: 11:19:00, ID: ST181019M1-5 PFC CS2 18J1706, Description: PFC CS2 18J1706



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_6, Date: 19-Oct-2018, Time: 11:19:00, ID: ST181019M1-5 PFC CS2 18J1706, Description: PFC CS2 18J1706



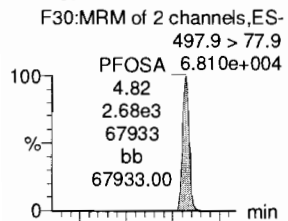
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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

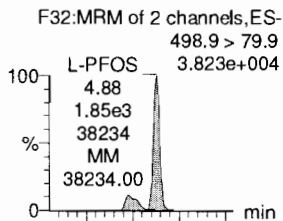
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Name: 181019M1_6, Date: 19-Oct-2018, Time: 11:19:00, ID: ST181019M1-5 PFC CS2 18J1706, Description: PFC CS2 18J1706

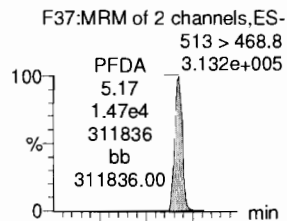
PFOSA



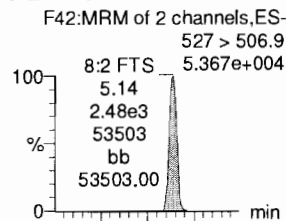
L-PFOS



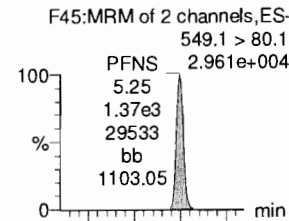
PFDA



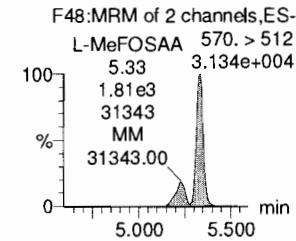
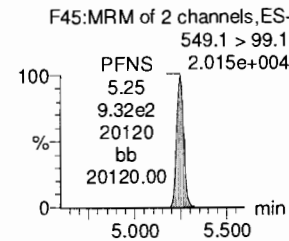
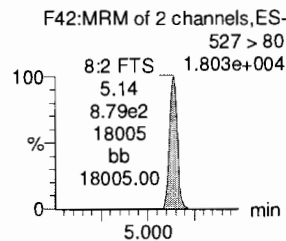
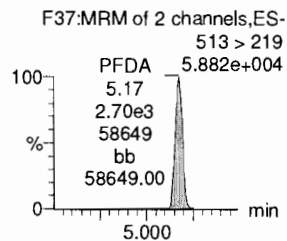
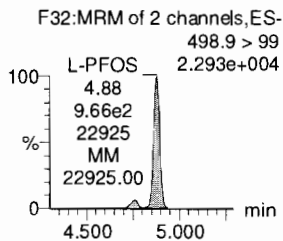
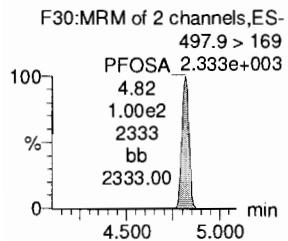
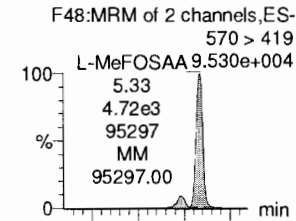
8:2 FTS



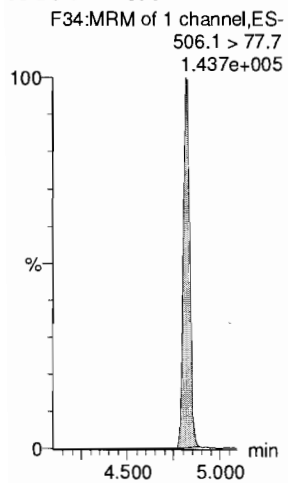
PFNS



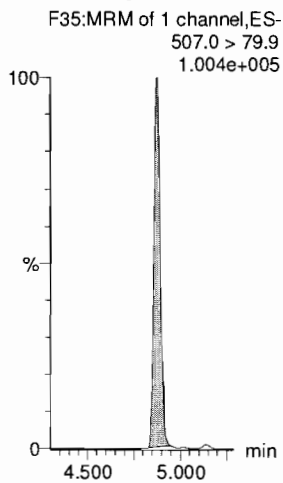
L-MeFOSAA



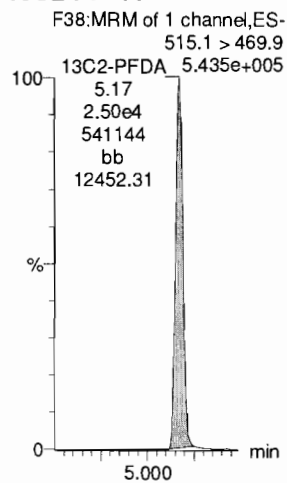
13C8-PFOSA



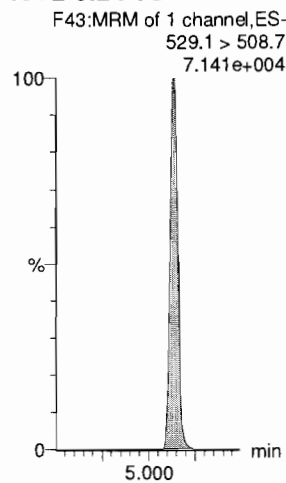
13C8-PFOS



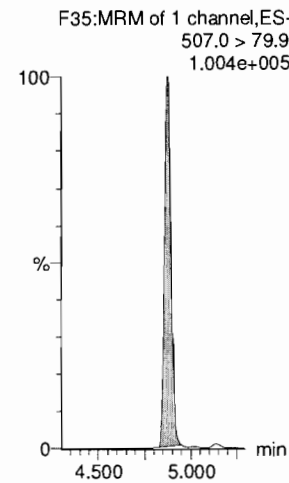
13C2-PFDA



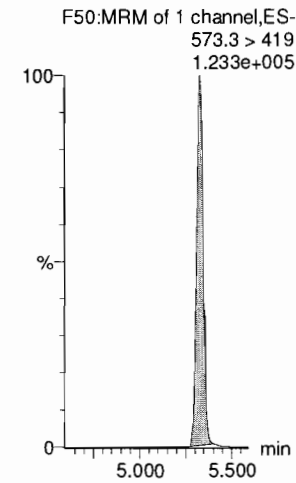
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



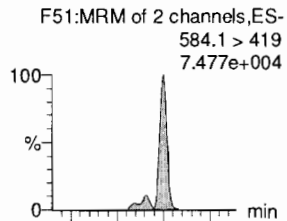
Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

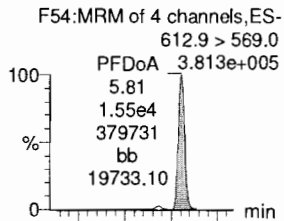
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Name: 181019M1_6, Date: 19-Oct-2018, Time: 11:19:00, ID: ST181019M1-5 PFC CS2 18J1706, Description: PFC CS2 18J1706

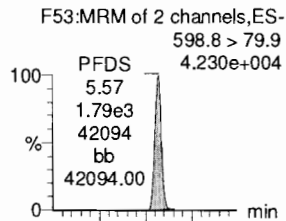
L-EtFOSAA



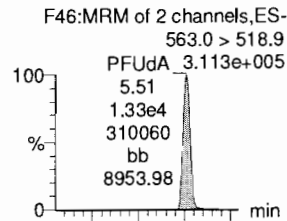
PFDoA



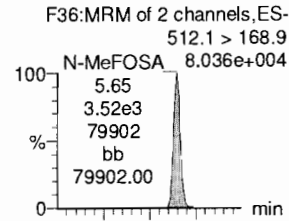
PFDS



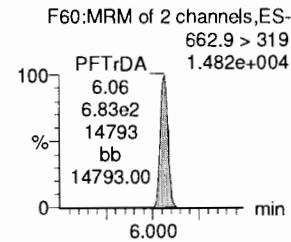
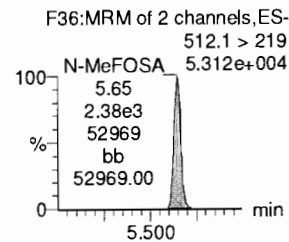
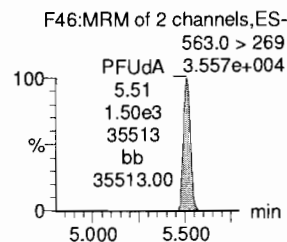
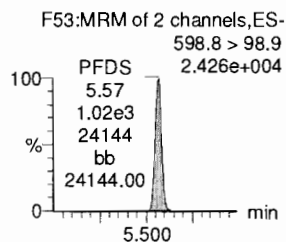
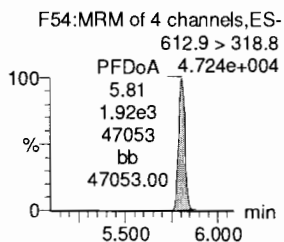
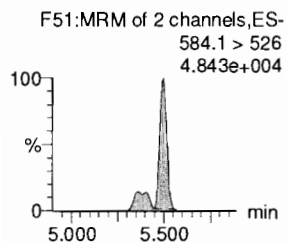
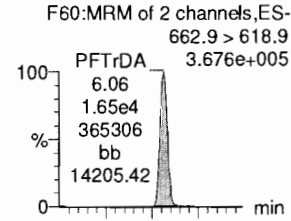
PFUdA



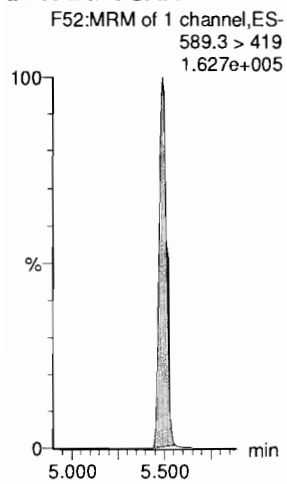
N-MeFOSA



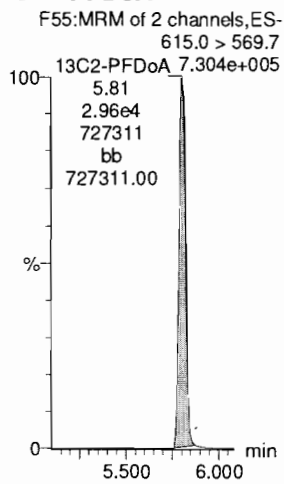
PFTTrDA



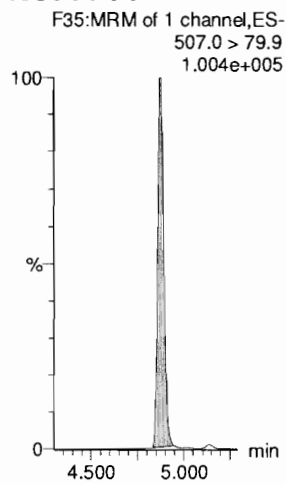
d5-N-EtFOSAA



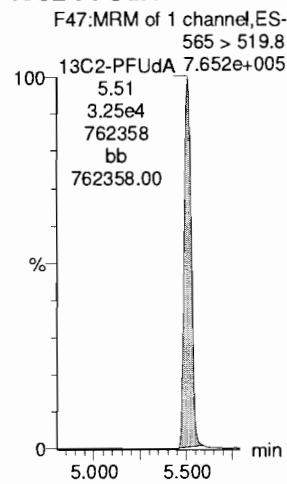
13C2-PFDoA



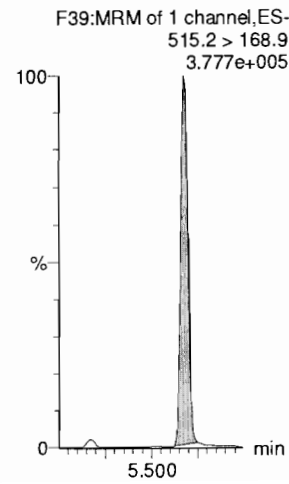
13C8-PFOS



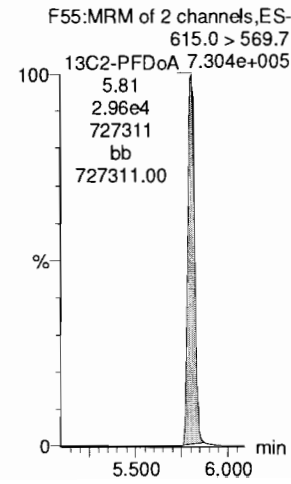
13C2-PFUdA



d3-N-MeFOSA



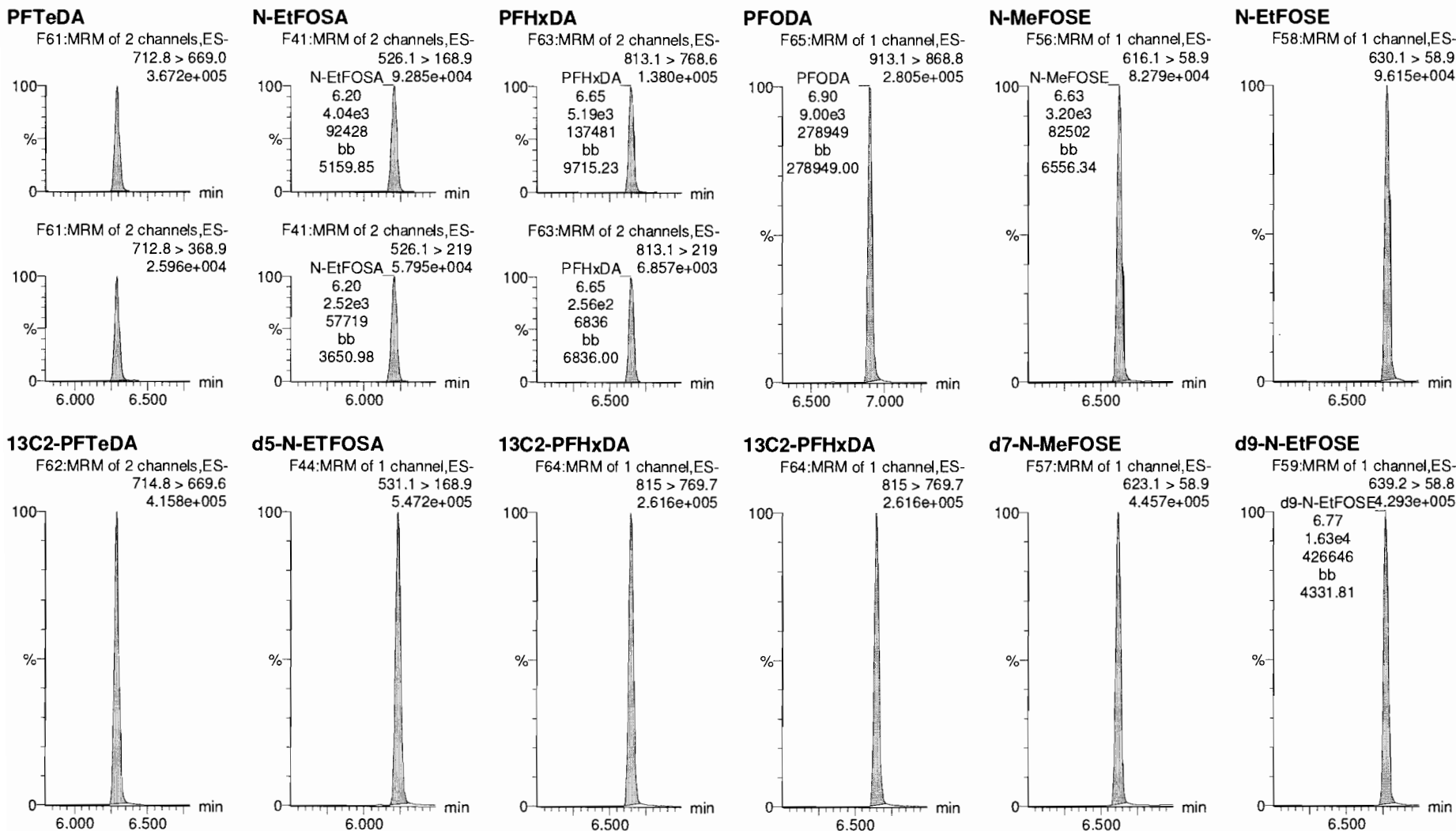
13C2-PFDoA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

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Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_6, Date: 19-Oct-2018, Time: 11:19:00, ID: ST181019M1-5 PFC CS2 18J1706, Description: PFC CS2 18J1706



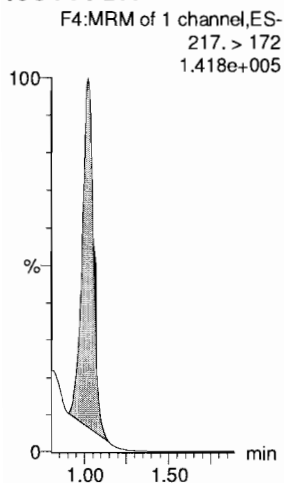
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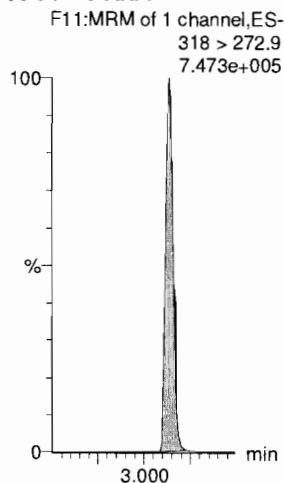
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Name: 181019M1_6, Date: 19-Oct-2018, Time: 11:19:00, ID: ST181019M1-5 PFC CS2 18J1706, Description: PFC CS2 18J1706

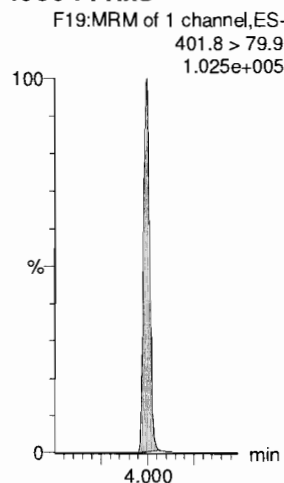
13C4-PFBA



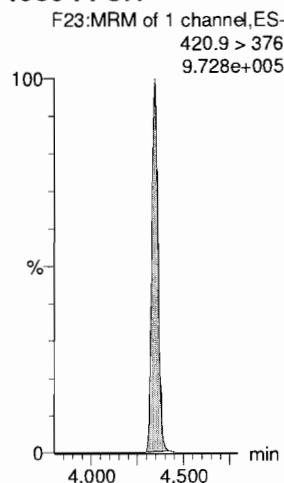
13C5-PFHxA



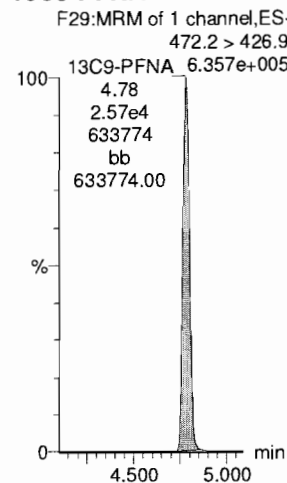
13C3-PFHxS



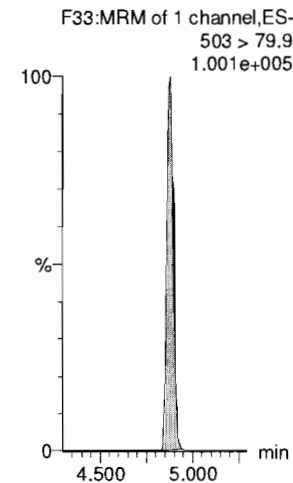
13C8-PFOA



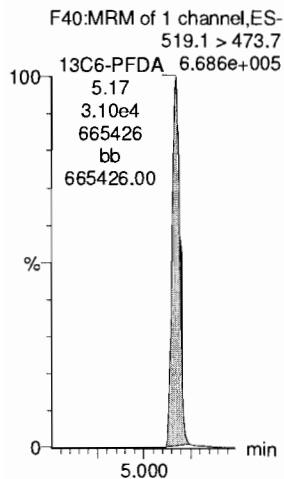
13C9-PFNA



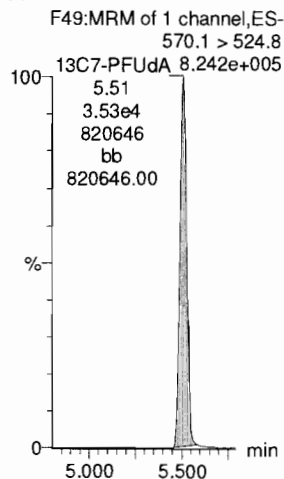
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

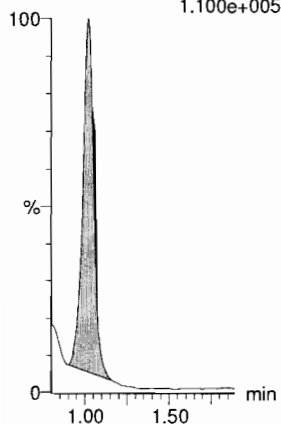
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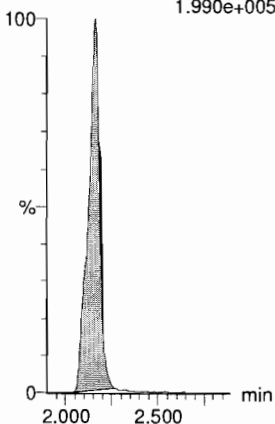
PFBA

F2:MRM of 1 channel,ES-
213.0 > 168.8
1.100e+005



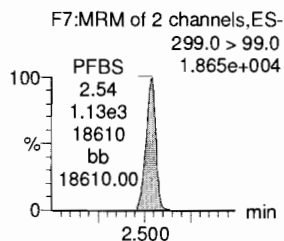
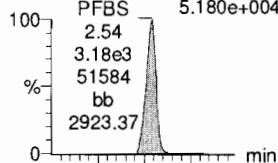
PFPeA

F5:MRM of 1 channel,ES-
263.1 > 218.9
1.990e+005



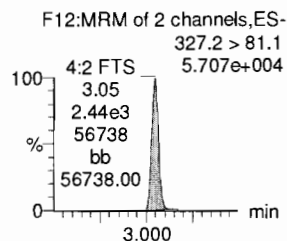
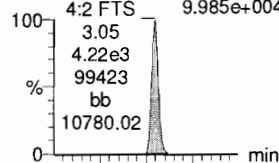
PFBS

F7:MRM of 2 channels,ES-
299.0 > 79.7
5.180e+004



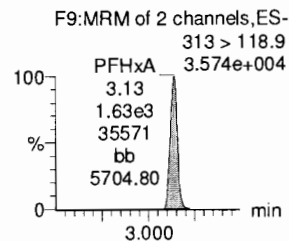
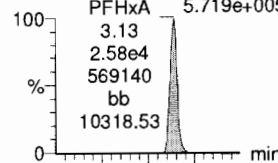
4:2 FTS

F12:MRM of 2 channels,ES-
327.2 > 307.2
9.985e+004



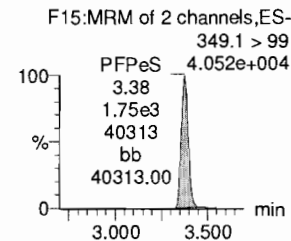
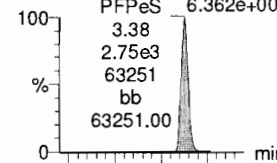
PFHxA

F9:MRM of 2 channels,ES-
313 > 269
5.719e+005



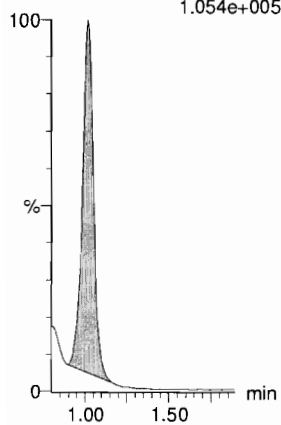
PFPeS

F15:MRM of 2 channels,ES-
349.1 > 80.1
6.362e+004



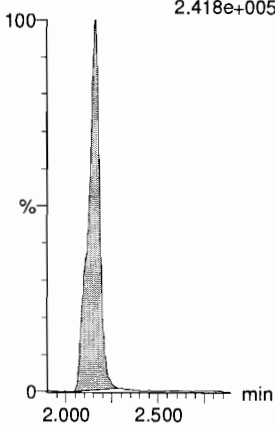
13C3-PFBA

F3:MRM of 1 channel,ES-
216.1 > 171.8
1.054e+005



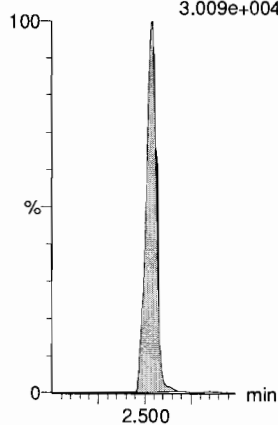
13C3-PFPeA

F6:MRM of 1 channel,ES-
266. > 221.8
2.418e+005



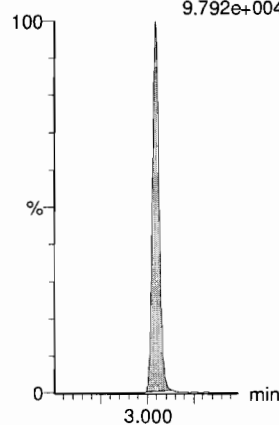
13C3-PFBS

F8:MRM of 1 channel,ES-
302. > 98.8
3.009e+004



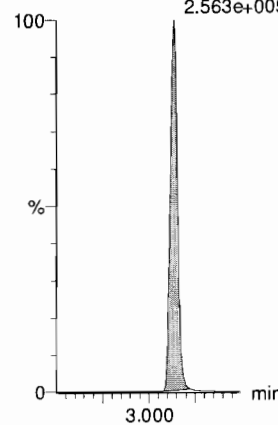
13C2-4:2 FTS

F13:MRM of 1 channel,ES-
329.2 > 308.9
9.792e+004



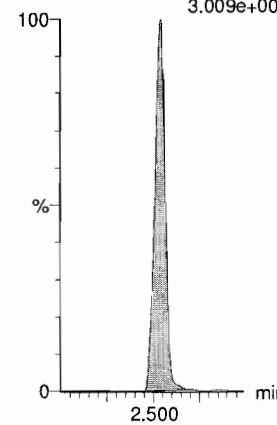
13C2-PFHxA

F10:MRM of 1 channel,ES-
315 > 270
2.563e+005



13C3-PFBS

F8:MRM of 1 channel,ES-
302. > 98.8
3.009e+004

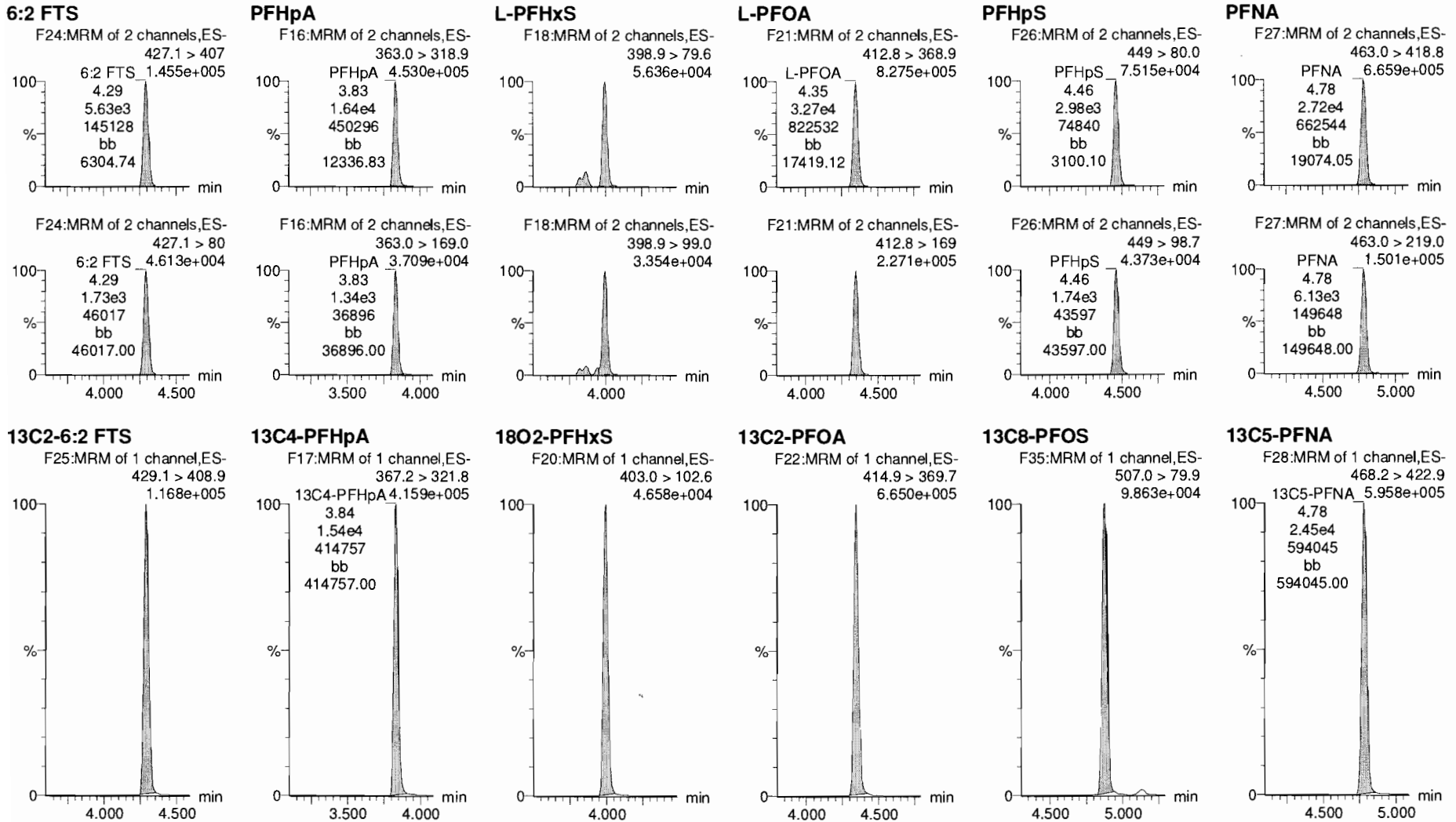


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_7, Date: 19-Oct-2018, Time: 11:29:32, ID: ST181019M1-6 PFC CS3 18J1707, Description: PFC CS3 18J1707

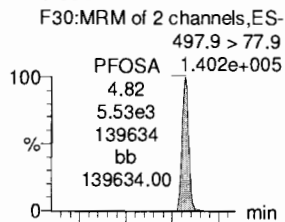


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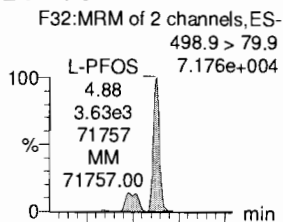
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Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_7, Date: 19-Oct-2018, Time: 11:29:32, ID: ST181019M1-6 PFC CS3 18J1707, Description: PFC CS3 18J1707

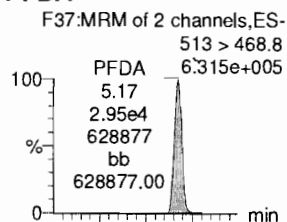
PFOSA



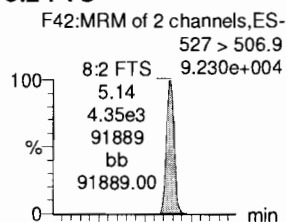
L-PFOS



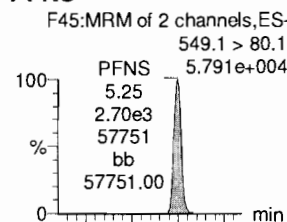
PFDA



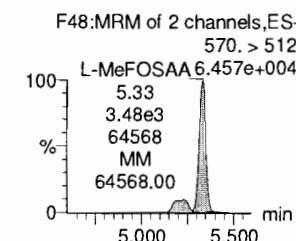
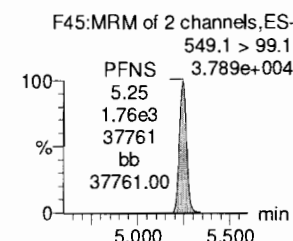
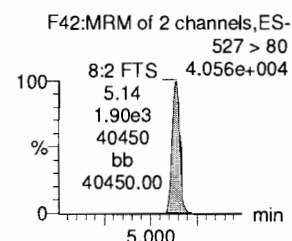
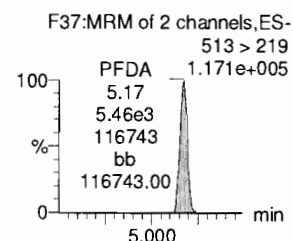
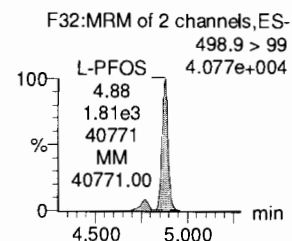
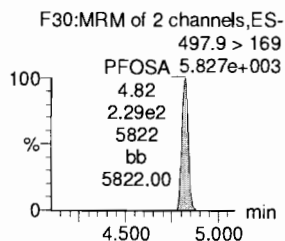
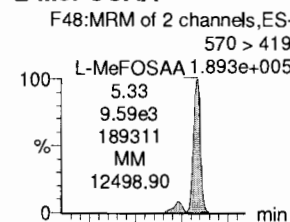
8:2 FTS



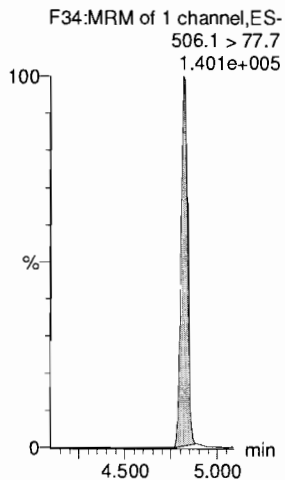
PFNS



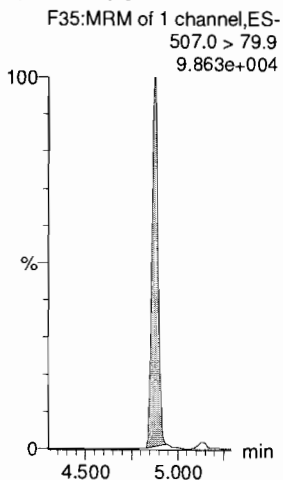
L-MeFOSAA



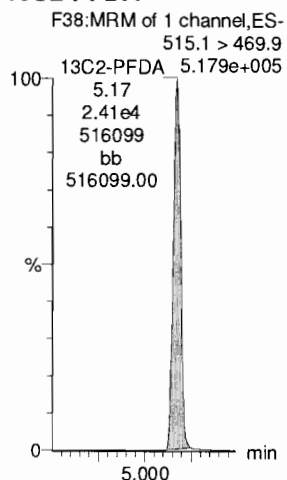
13C8-PFOSA



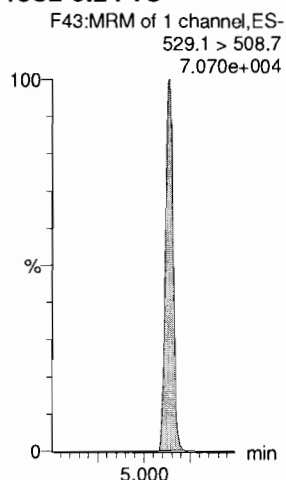
13C8-PFOS



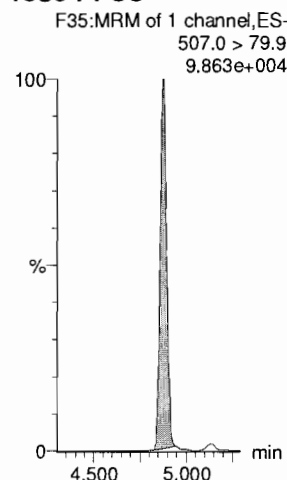
13C2-PFDA



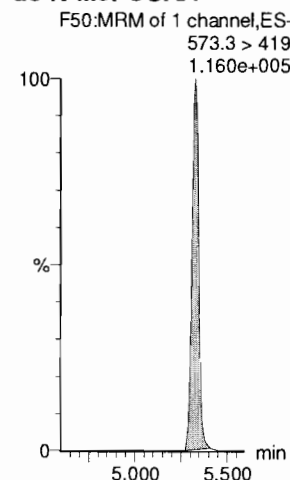
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



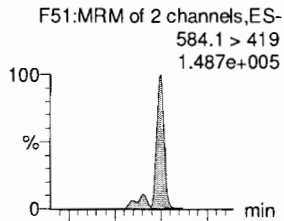
Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

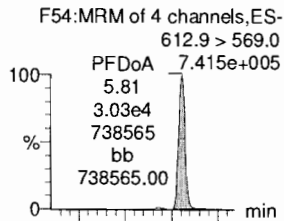
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_7, Date: 19-Oct-2018, Time: 11:29:32, ID: ST181019M1-6 PFC CS3 18J1707, Description: PFC CS3 18J1707

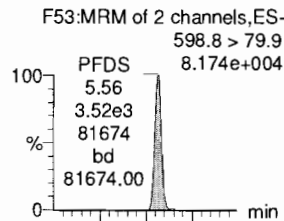
L-EtFOSAA



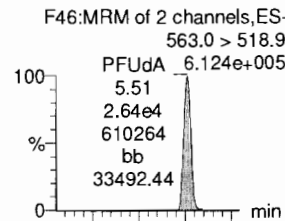
PFDoA



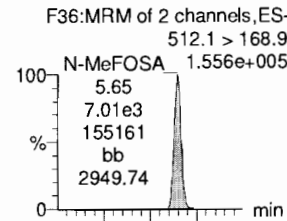
PFDS



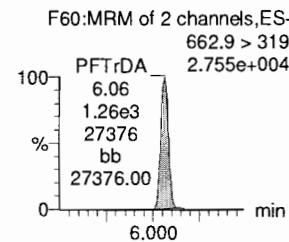
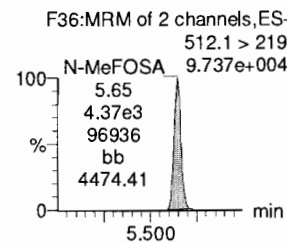
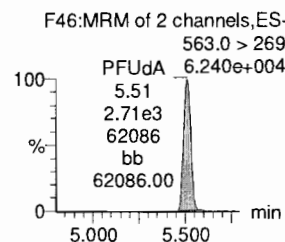
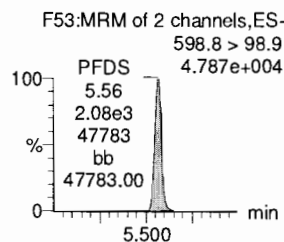
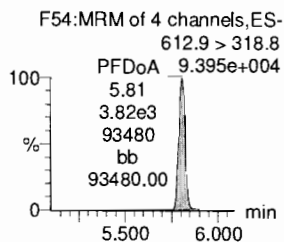
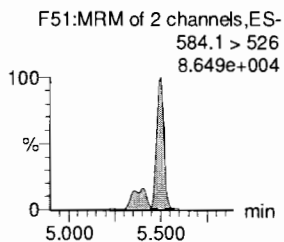
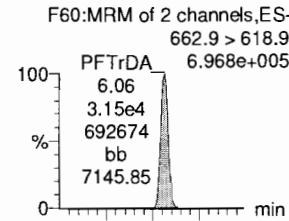
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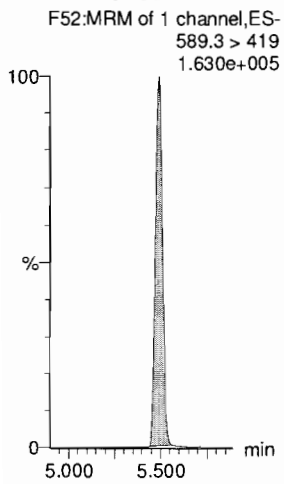
N-MeFOSA



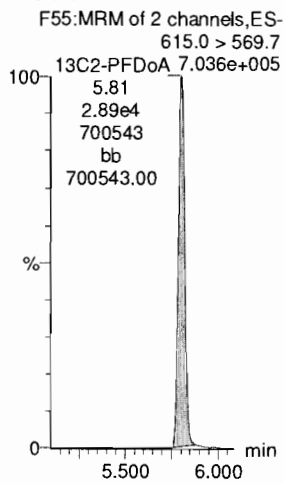
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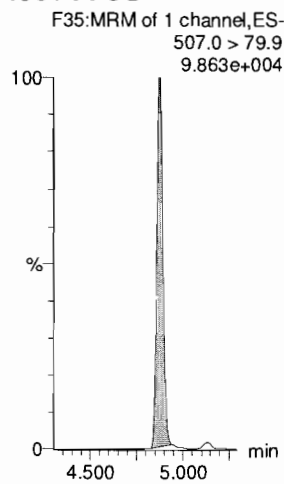
d5-N-EtFOSAA



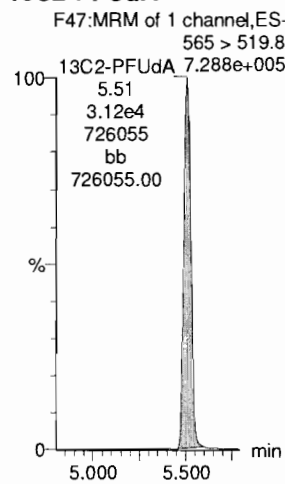
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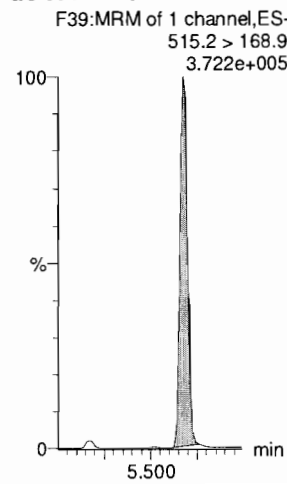
13C8-PFOS



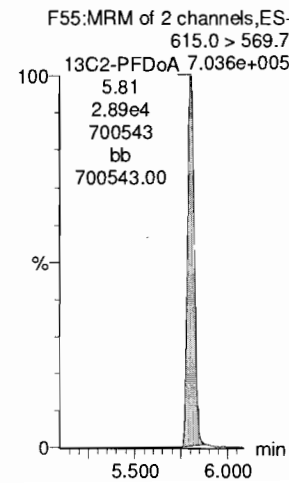
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d3-N-MeFOSA



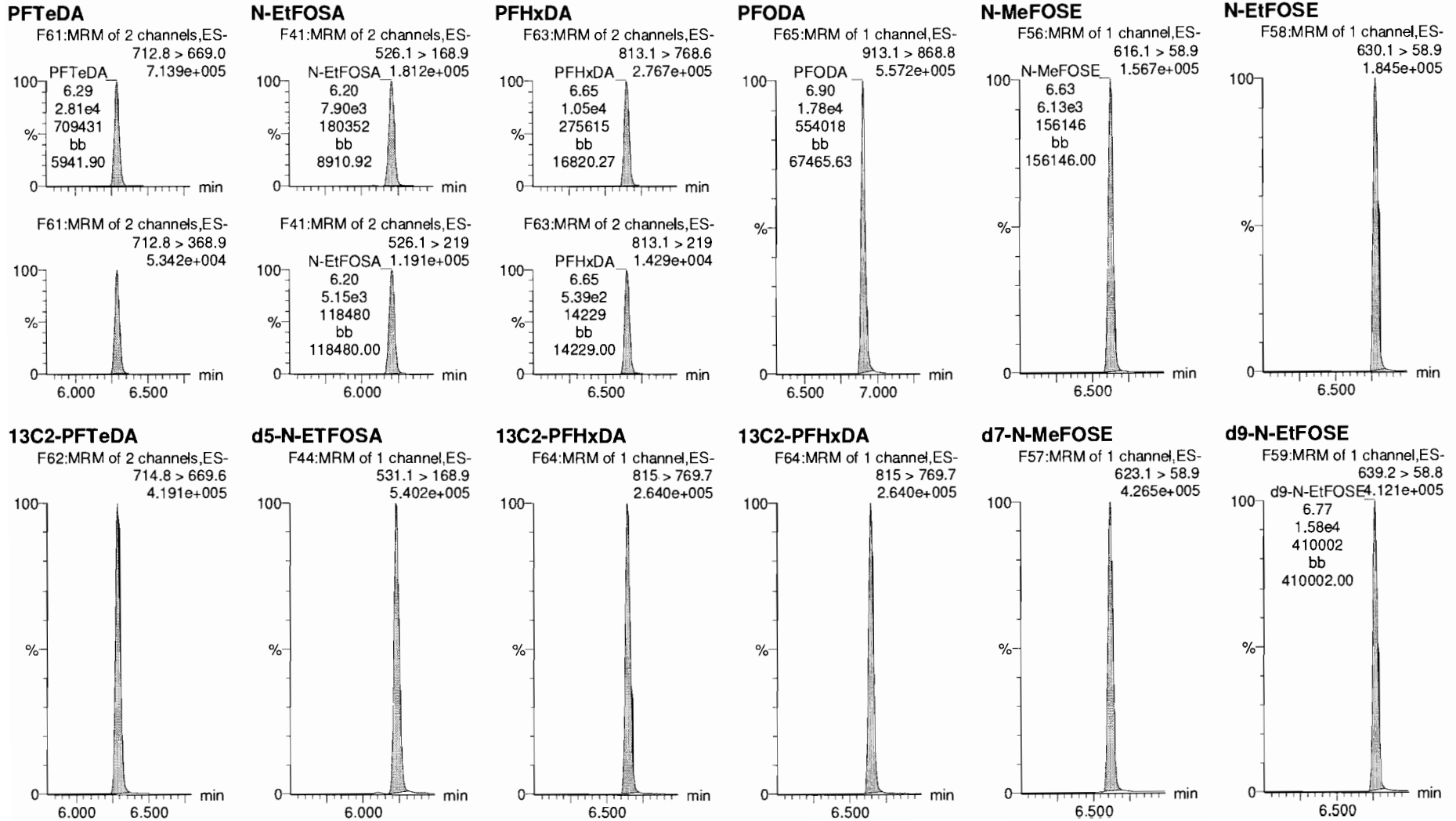
13C2-PFDoA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_7, Date: 19-Oct-2018, Time: 11:29:32, ID: ST181019M1-6 PFC CS3 18J1707, Description: PFC CS3 18J1707



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

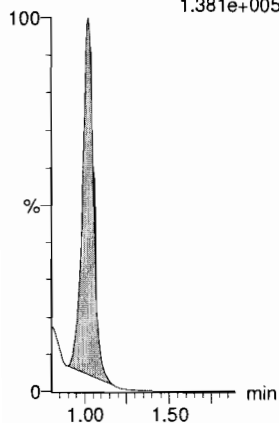
Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

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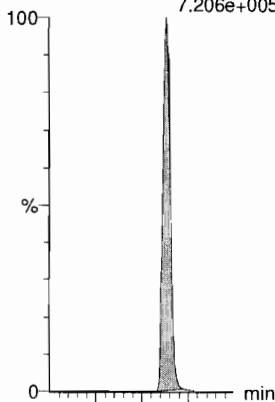
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.381e+005



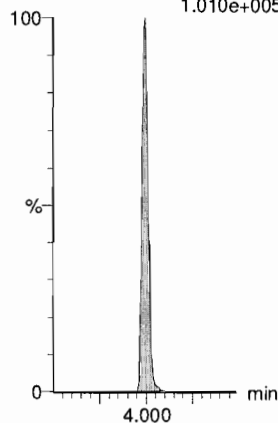
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.206e+005



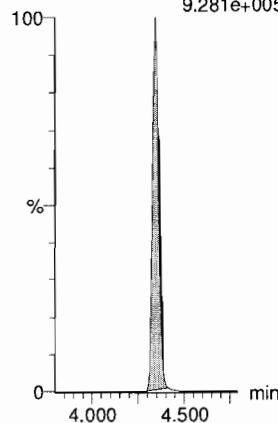
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.010e+005



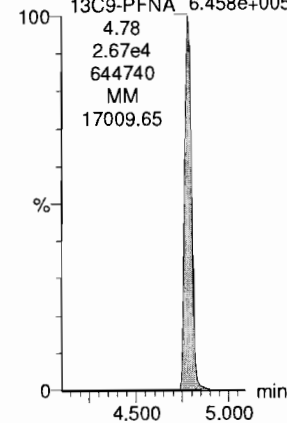
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.281e+005



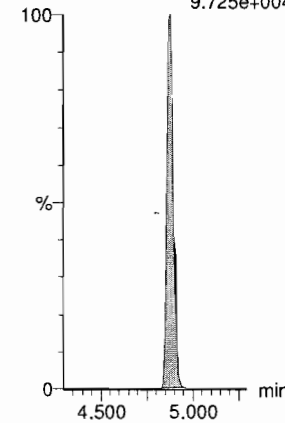
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.458e+005



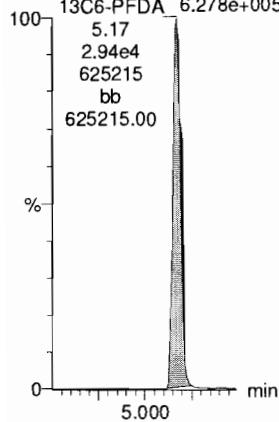
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.725e+004



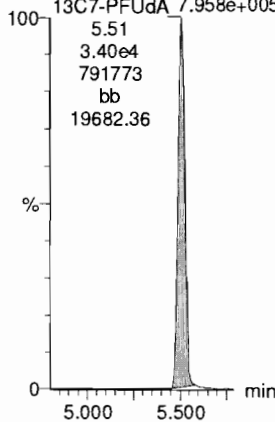
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.278e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.958e+005

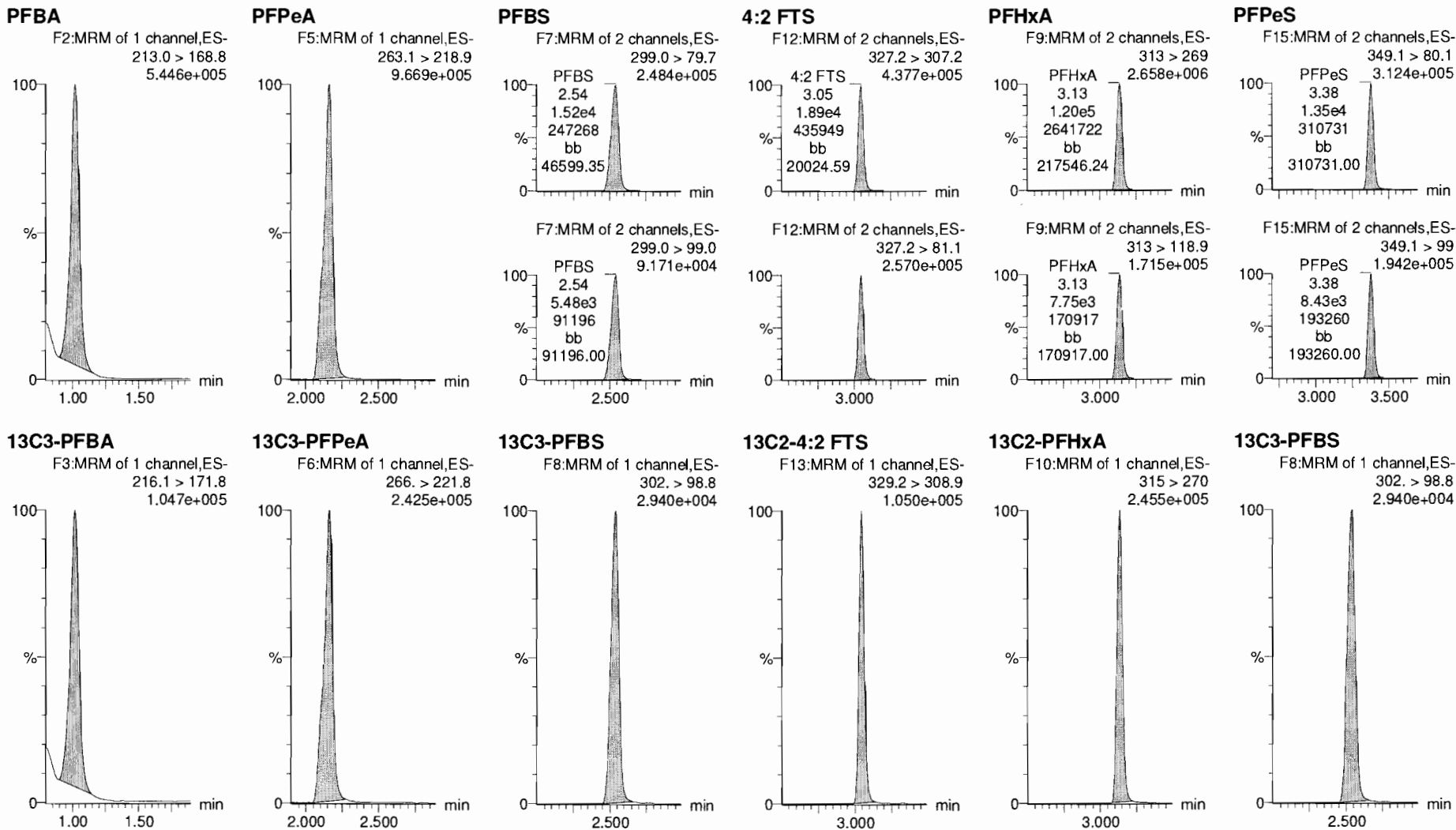


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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

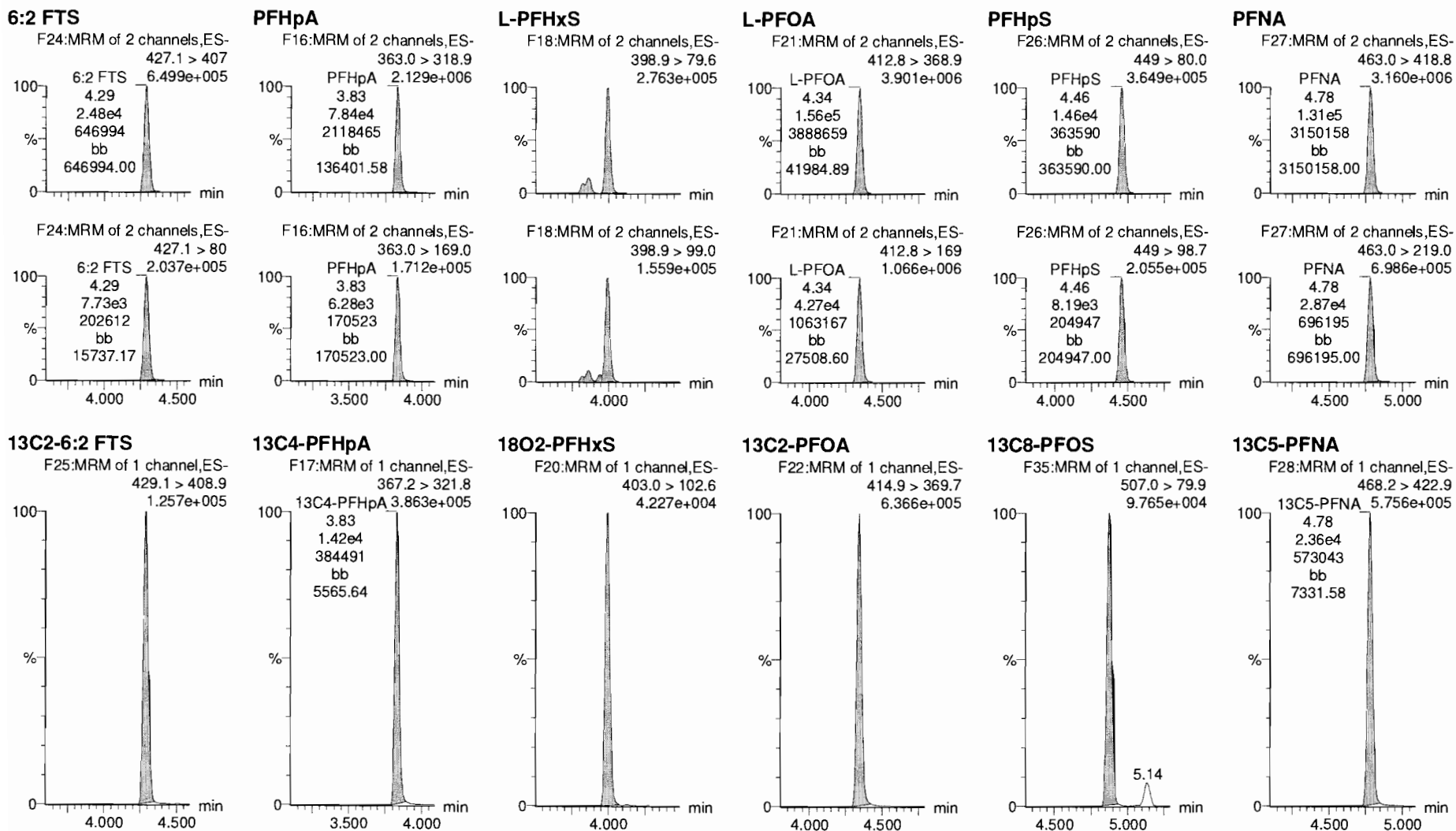
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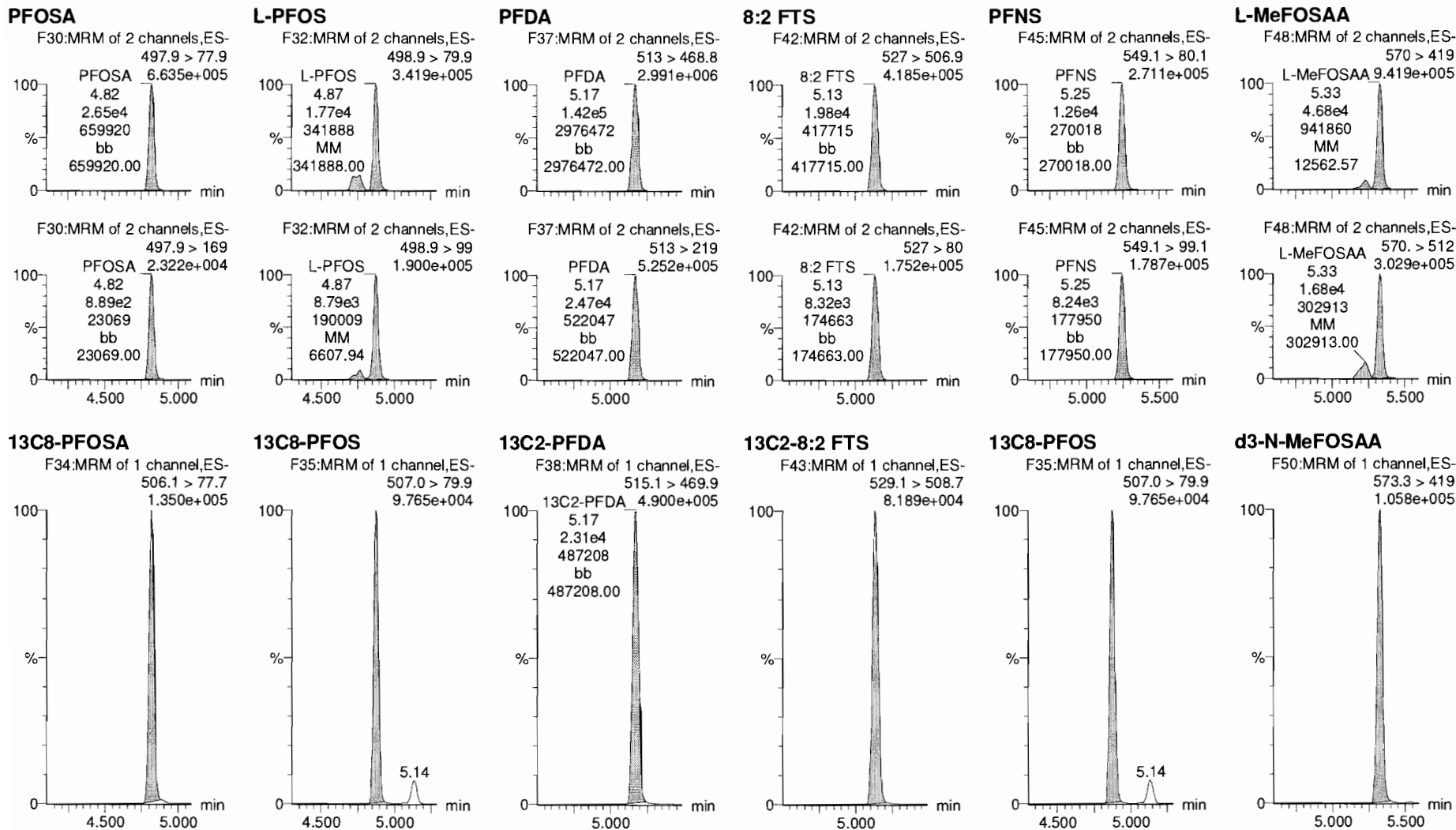


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Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

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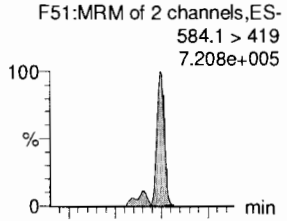
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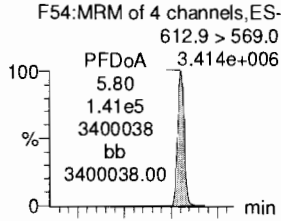
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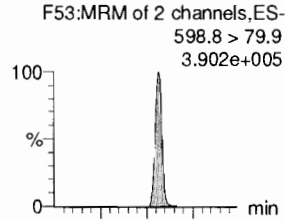
L-EtFOSAA



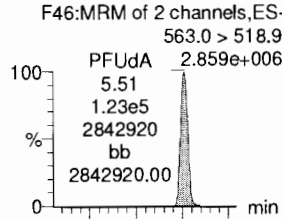
PFDoA



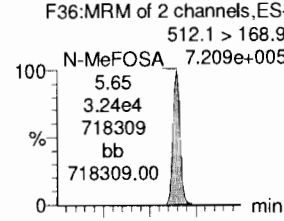
PFDS



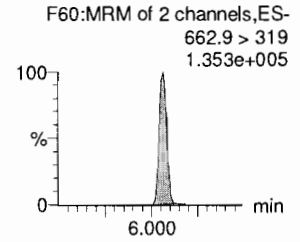
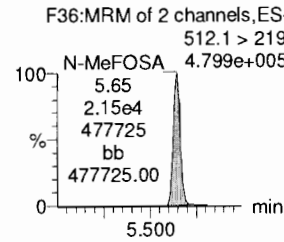
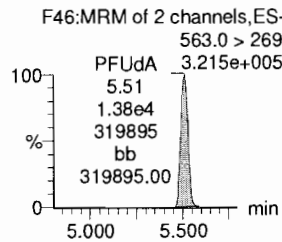
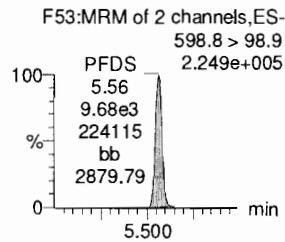
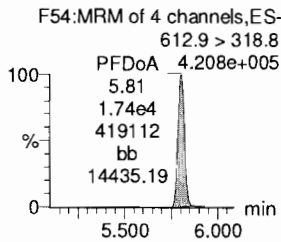
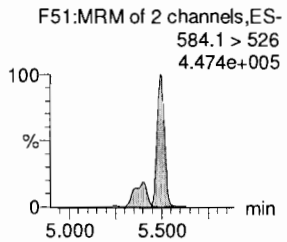
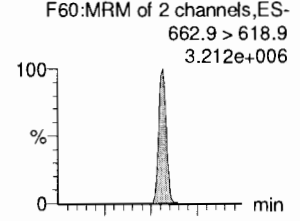
PFUdA



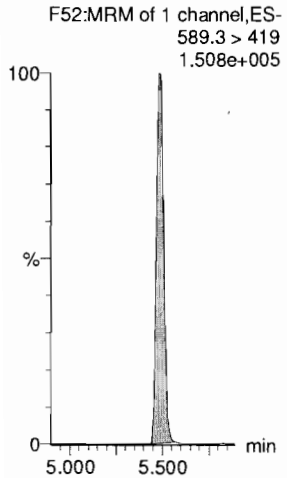
N-MeFOSA



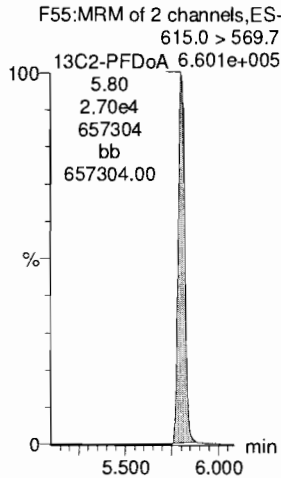
PFTrDA



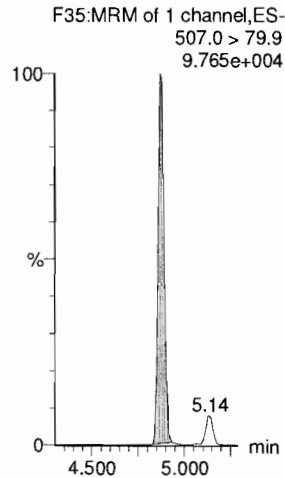
d5-N-EtFOSAA



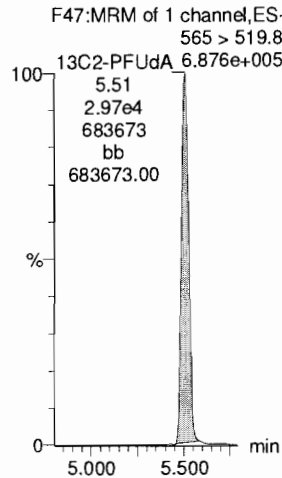
13C2-PFDoA



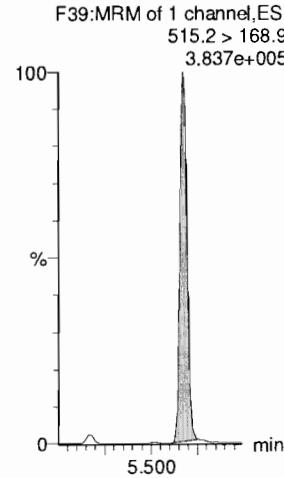
13C8-PFOS



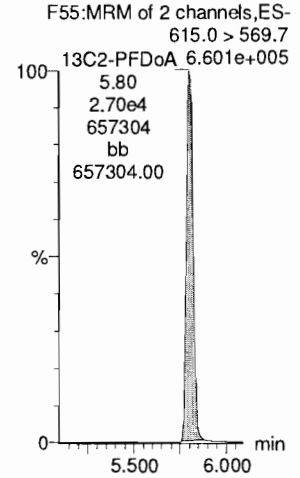
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

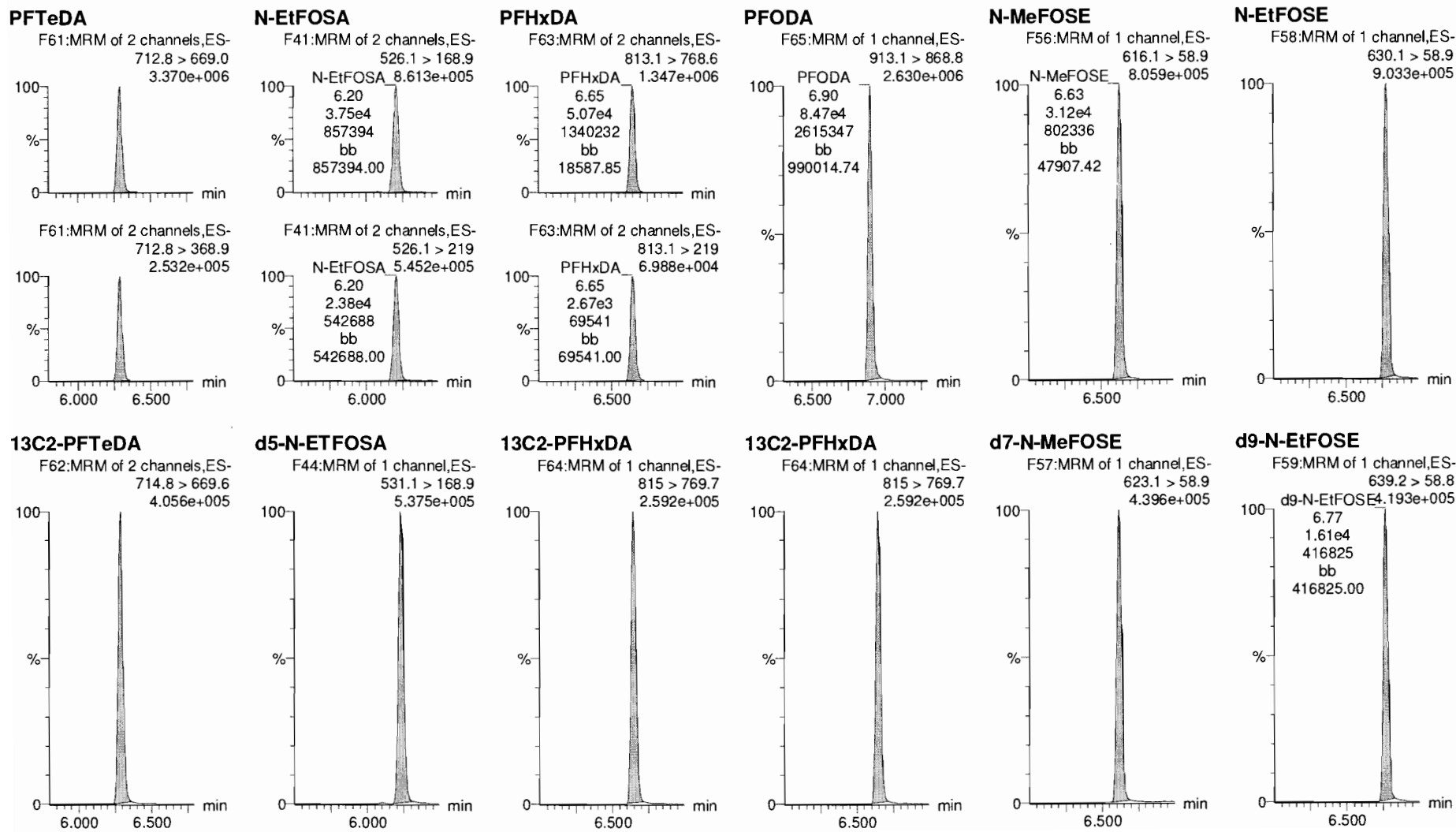


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_8, Date: 19-Oct-2018, Time: 11:40:11, ID: ST181019M1-7 PFC CS4 18J1708, Description: PFC CS4 18J1708



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

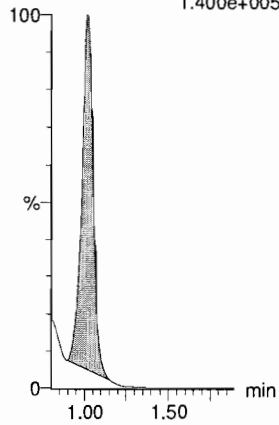
Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_8, Date: 19-Oct-2018, Time: 11:40:11, ID: ST181019M1-7 PFC CS4 18J1708, Description: PFC CS4 18J1708

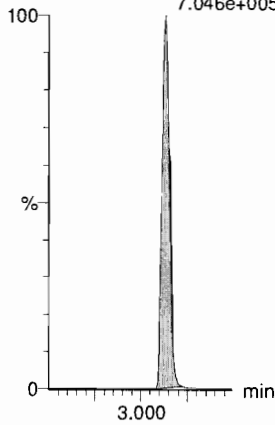
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.400e+005



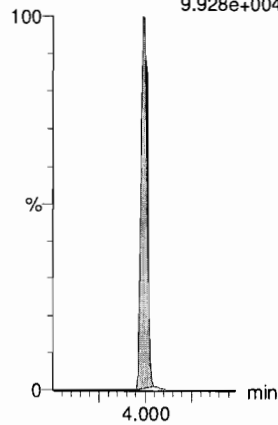
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.046e+005



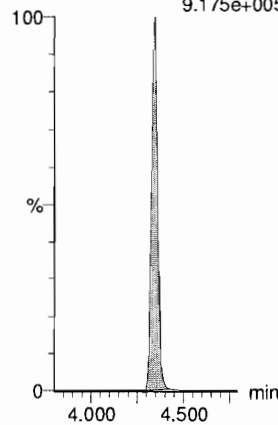
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
9.928e+004



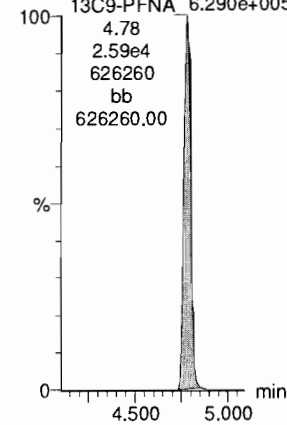
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
9.175e+005



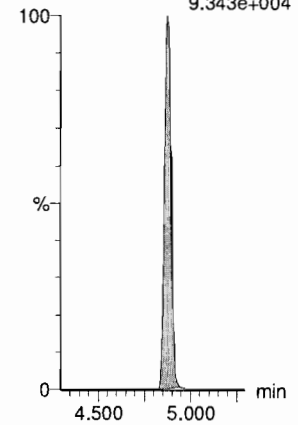
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.290e+005



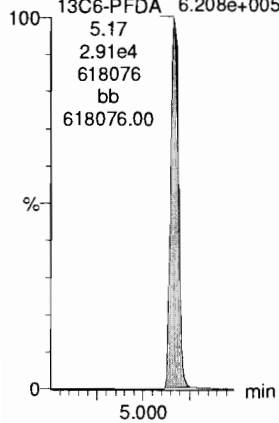
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.343e+004



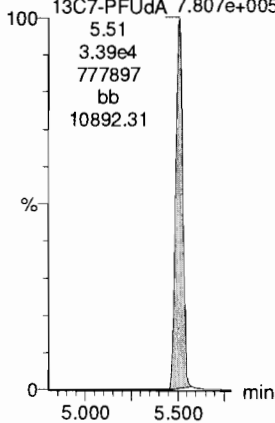
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.208e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.807e+005

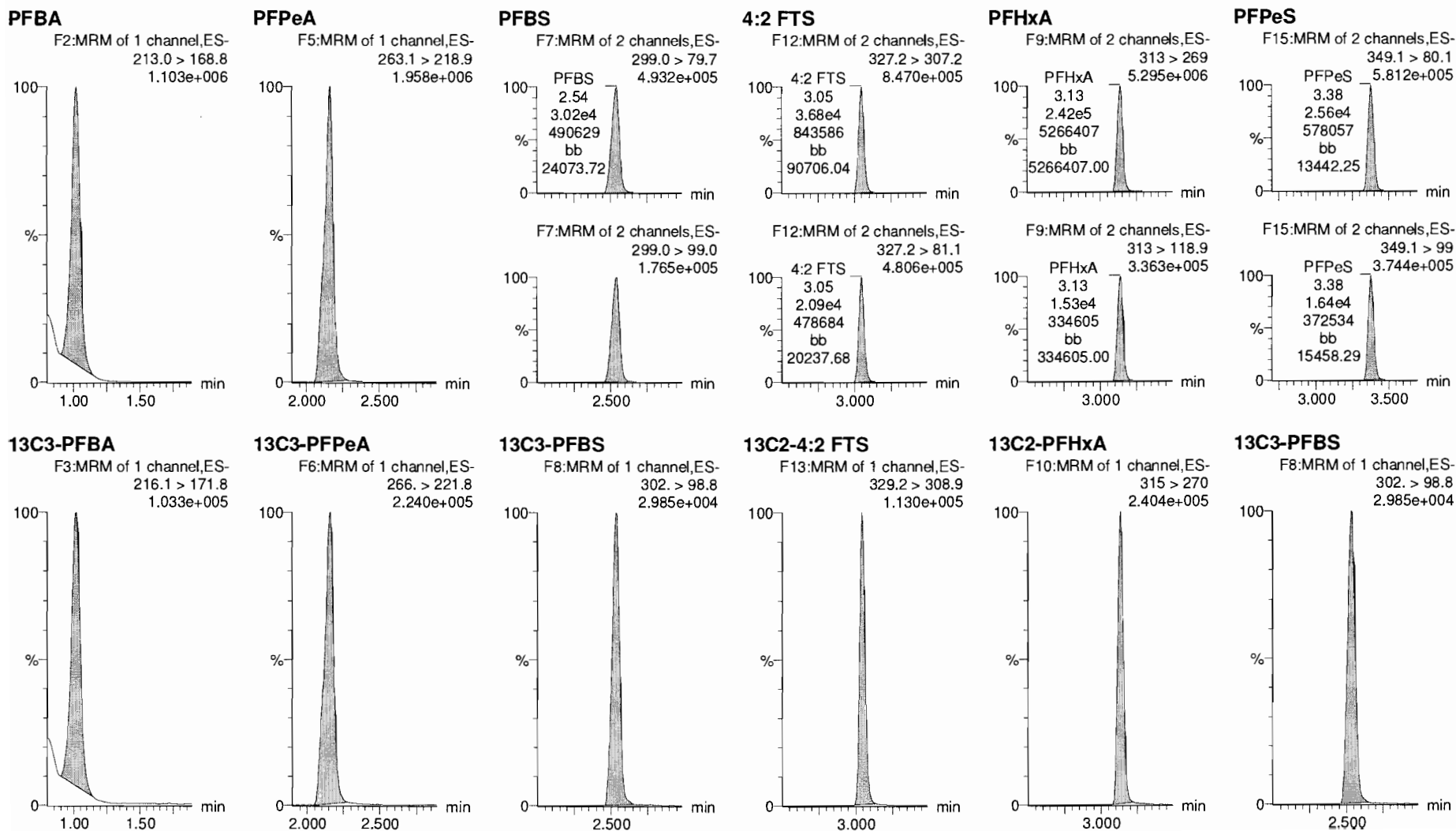


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_9, Date: 19-Oct-2018, Time: 11:50:49, ID: ST181019M1-8 PFC CS5 18J1709, Description: PFC CS5 18J1709

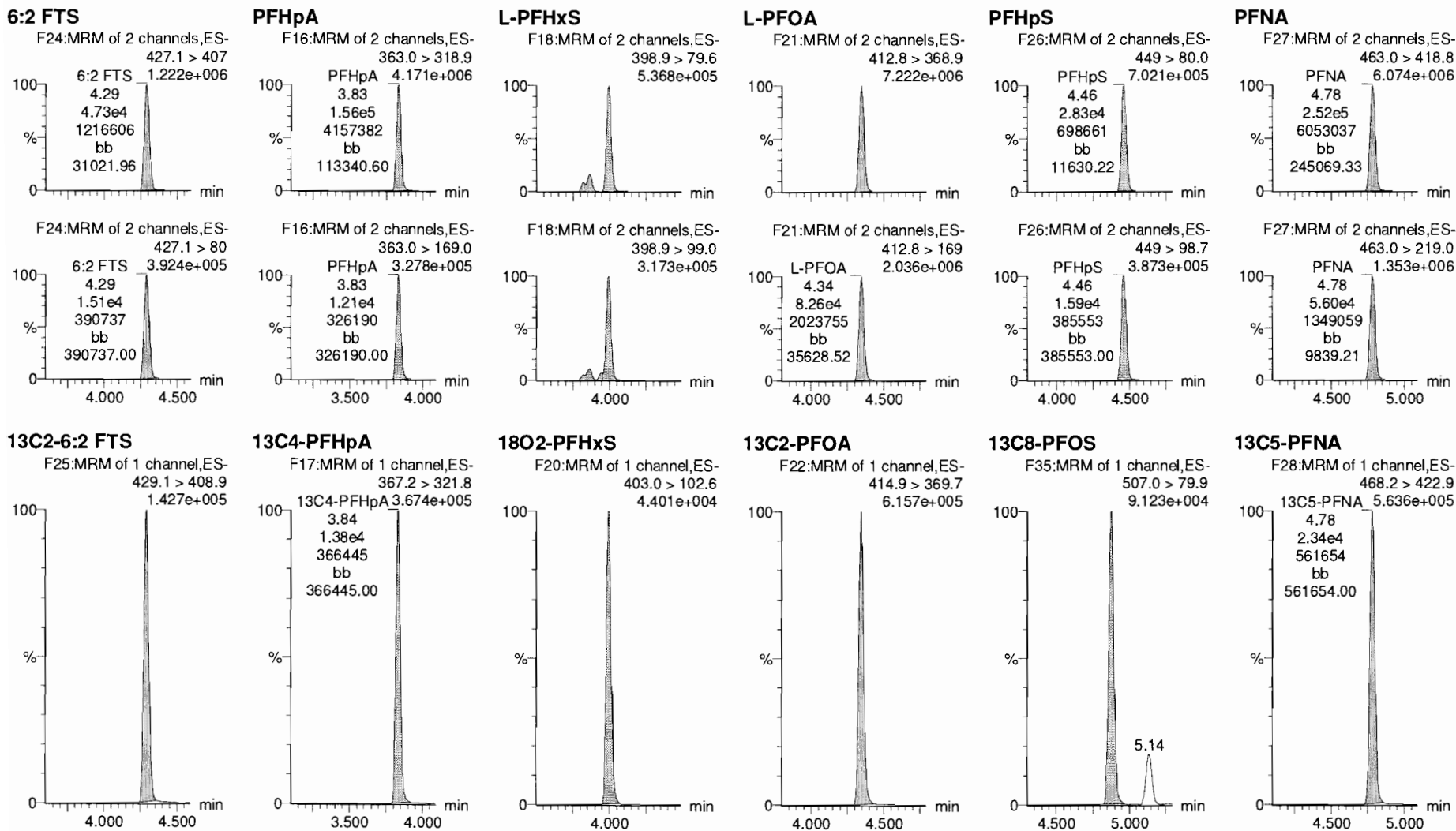


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Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_9, Date: 19-Oct-2018, Time: 11:50:49, ID: ST181019M1-8 PFC CS5 18J1709, Description: PFC CS5 18J1709

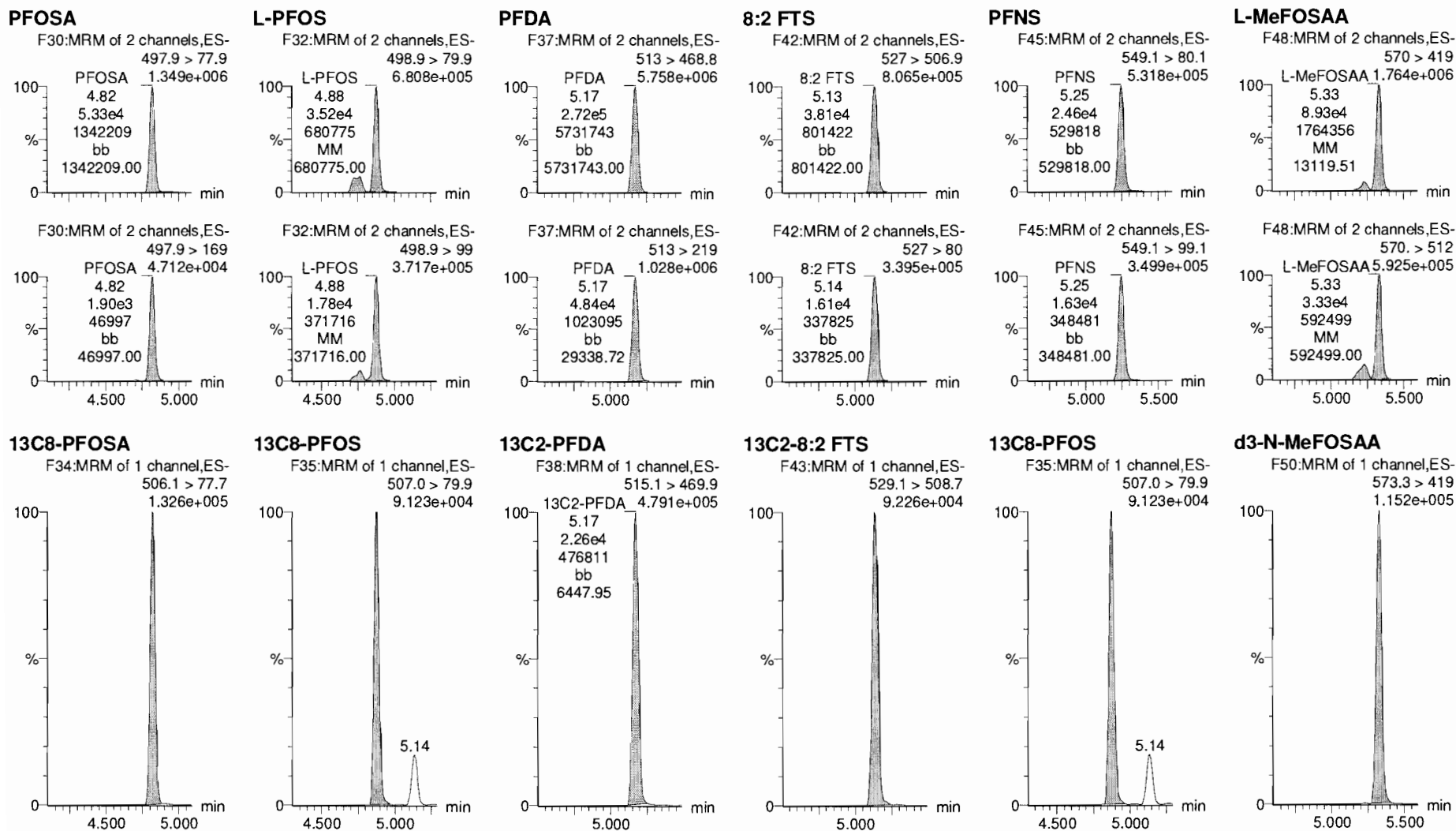


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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_9, Date: 19-Oct-2018, Time: 11:50:49, ID: ST181019M1-8 PFC CS5 18J1709, Description: PFC CS5 18J1709



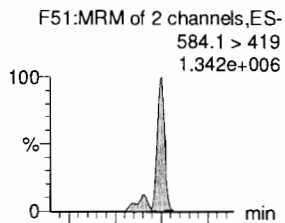
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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

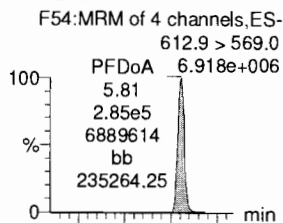
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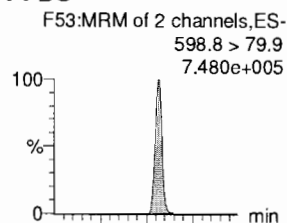
L-EtFOSAA



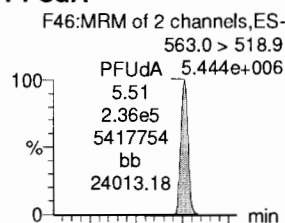
PFDaA



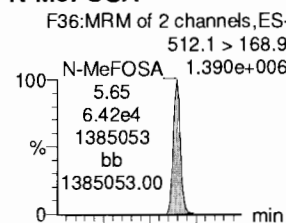
PFDS



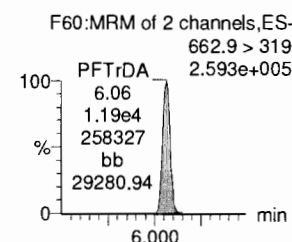
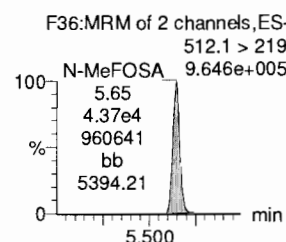
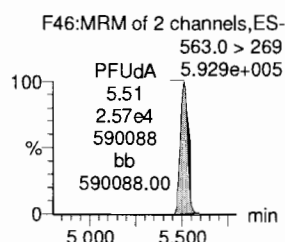
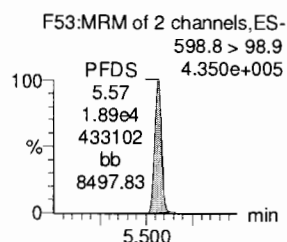
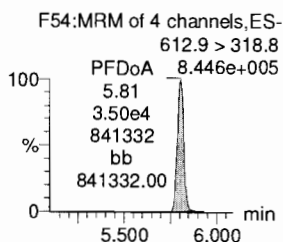
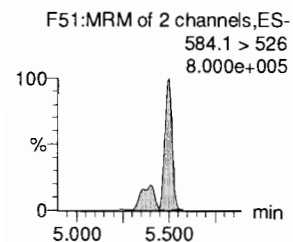
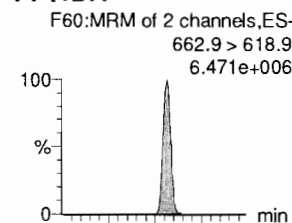
PFUdA



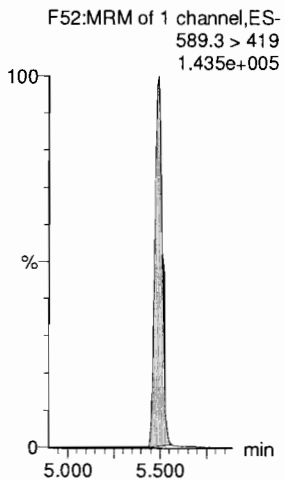
N-MeFOSA



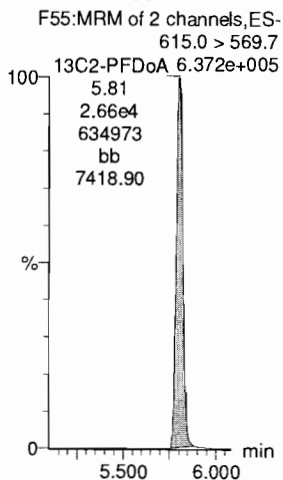
PFTrDA



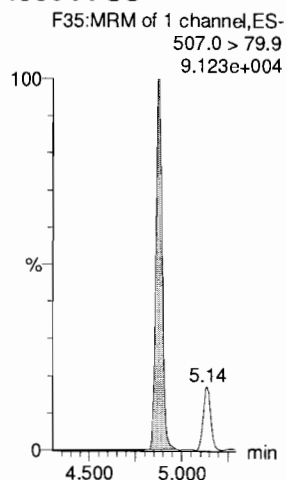
d5-N-EtFOSAA



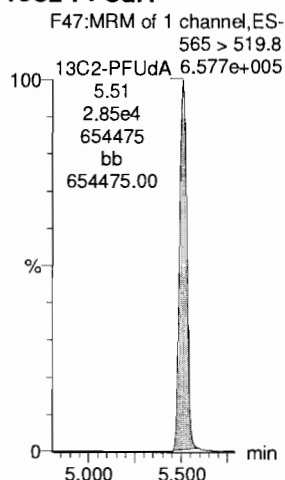
13C2-PFDaA



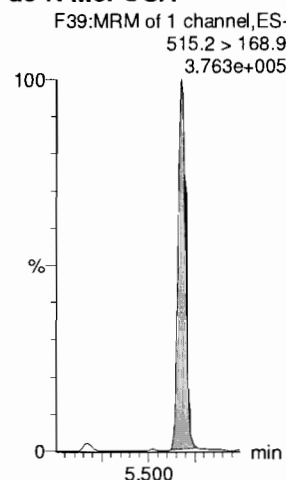
13C8-PFOS



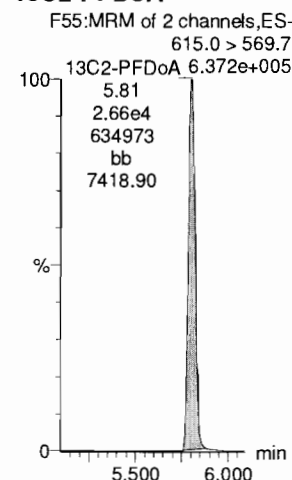
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDaA

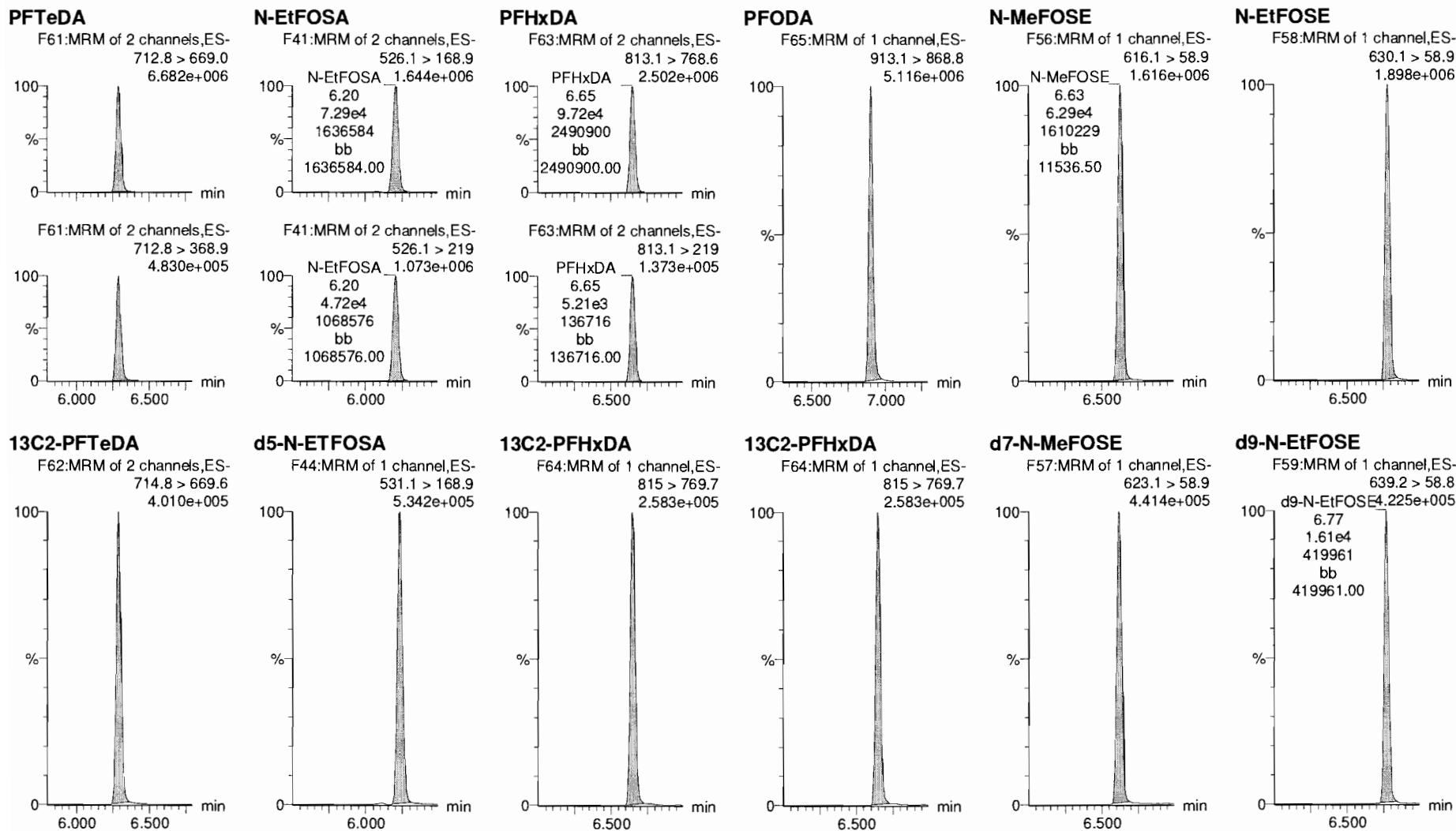


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_9, Date: 19-Oct-2018, Time: 11:50:49, ID: ST181019M1-8 PFC CS5 18J1709, Description: PFC CS5 18J1709



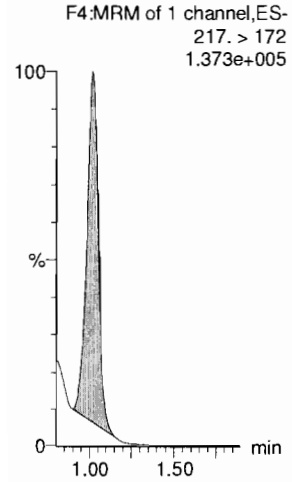
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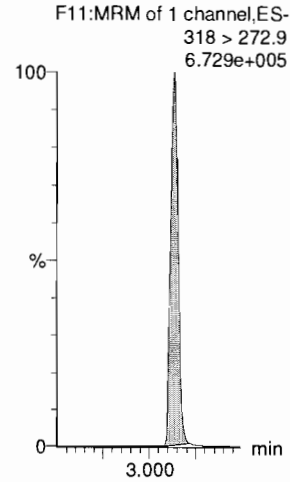
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

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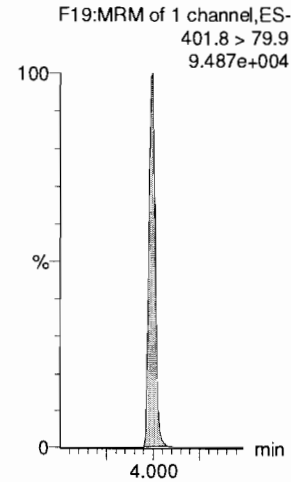
13C4-PFBA



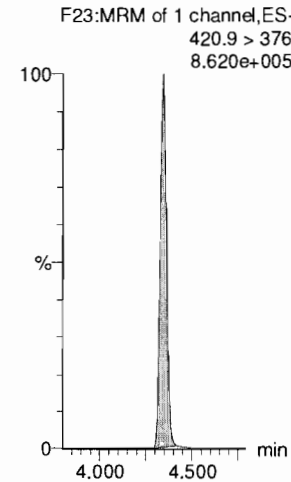
13C5-PFHxA



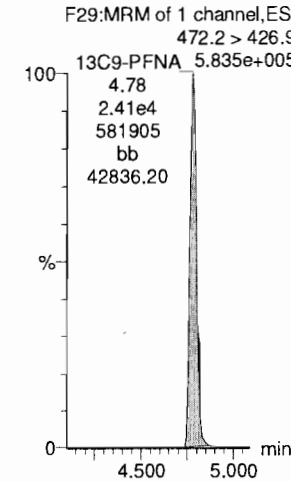
13C3-PFHxS



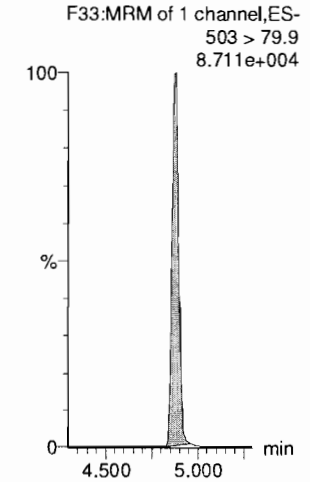
13C8-PFOA



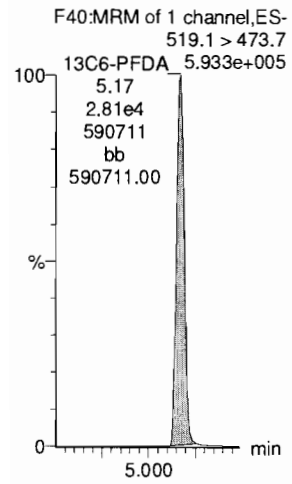
13C9-PFNA



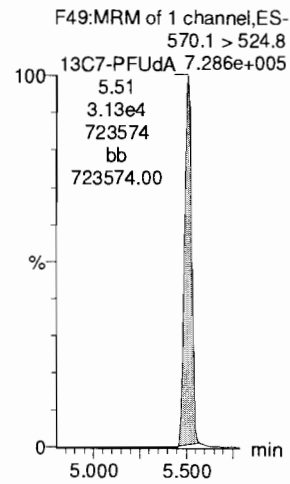
13C4-PFOS



13C6-PFDA



13C7-PFUdA

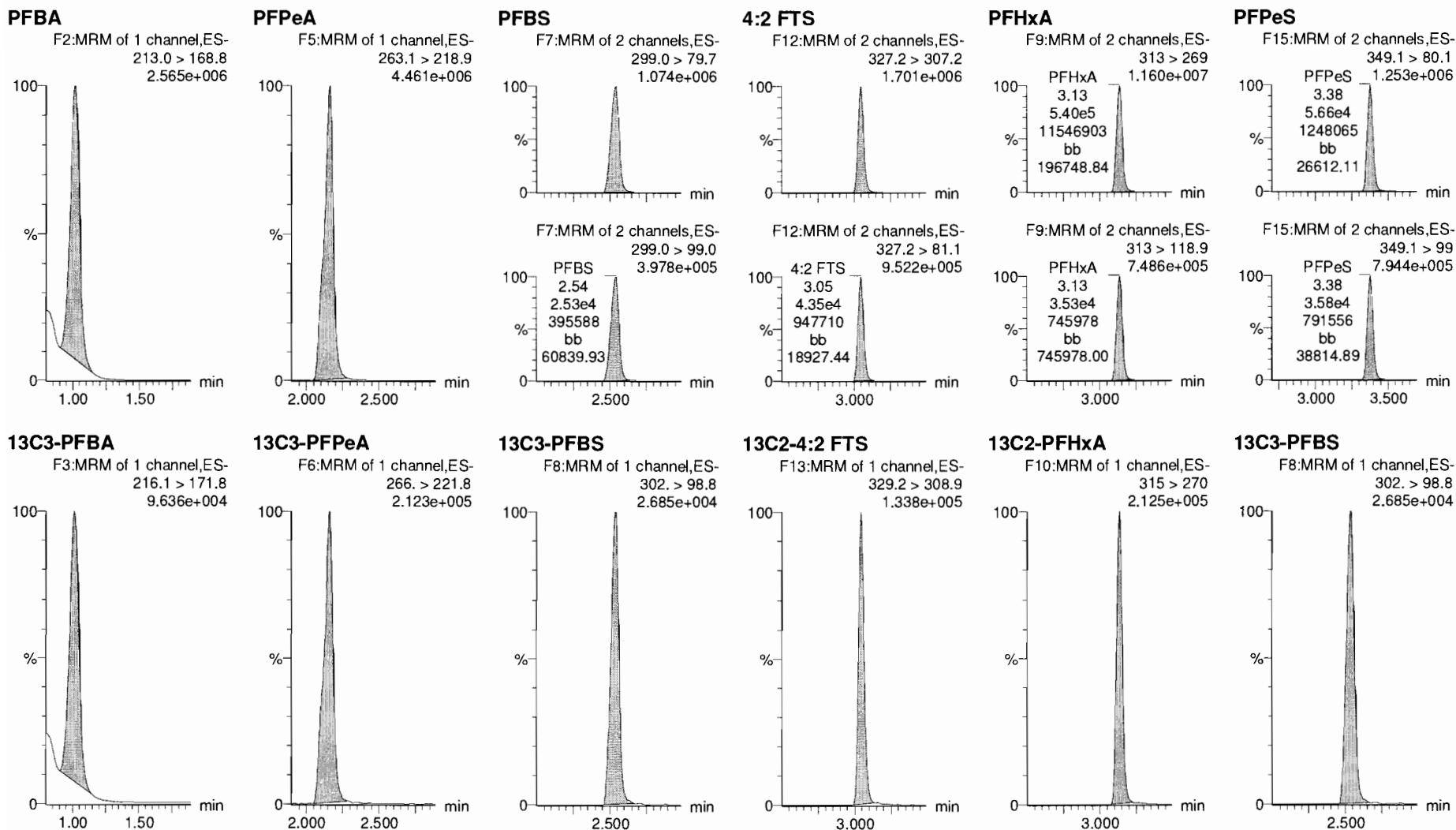


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Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_10, Date: 19-Oct-2018, Time: 12:01:22, ID: ST181019M1-9 PFC CS6 18J1710, Description: PFC CS6 18J1710

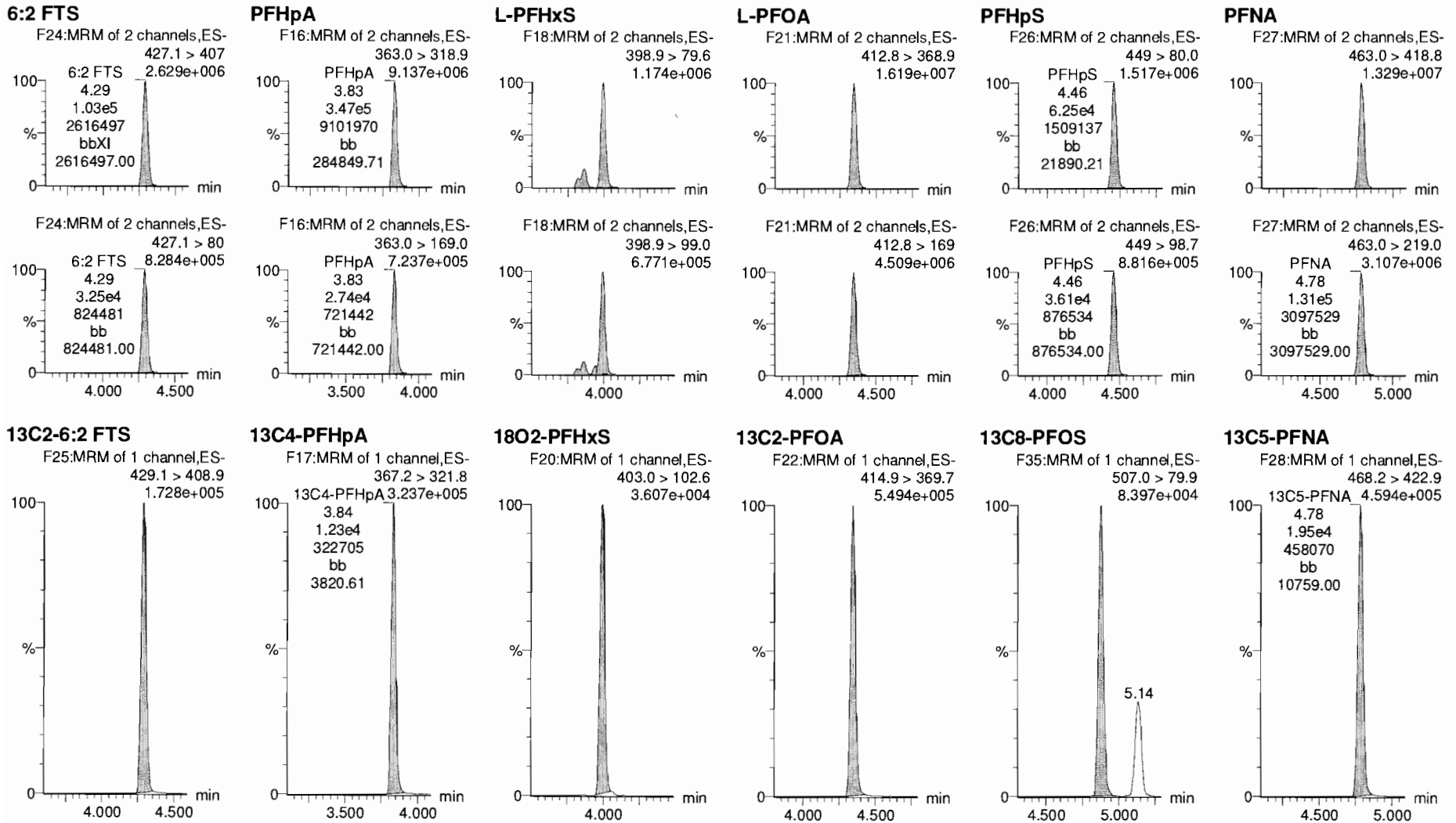


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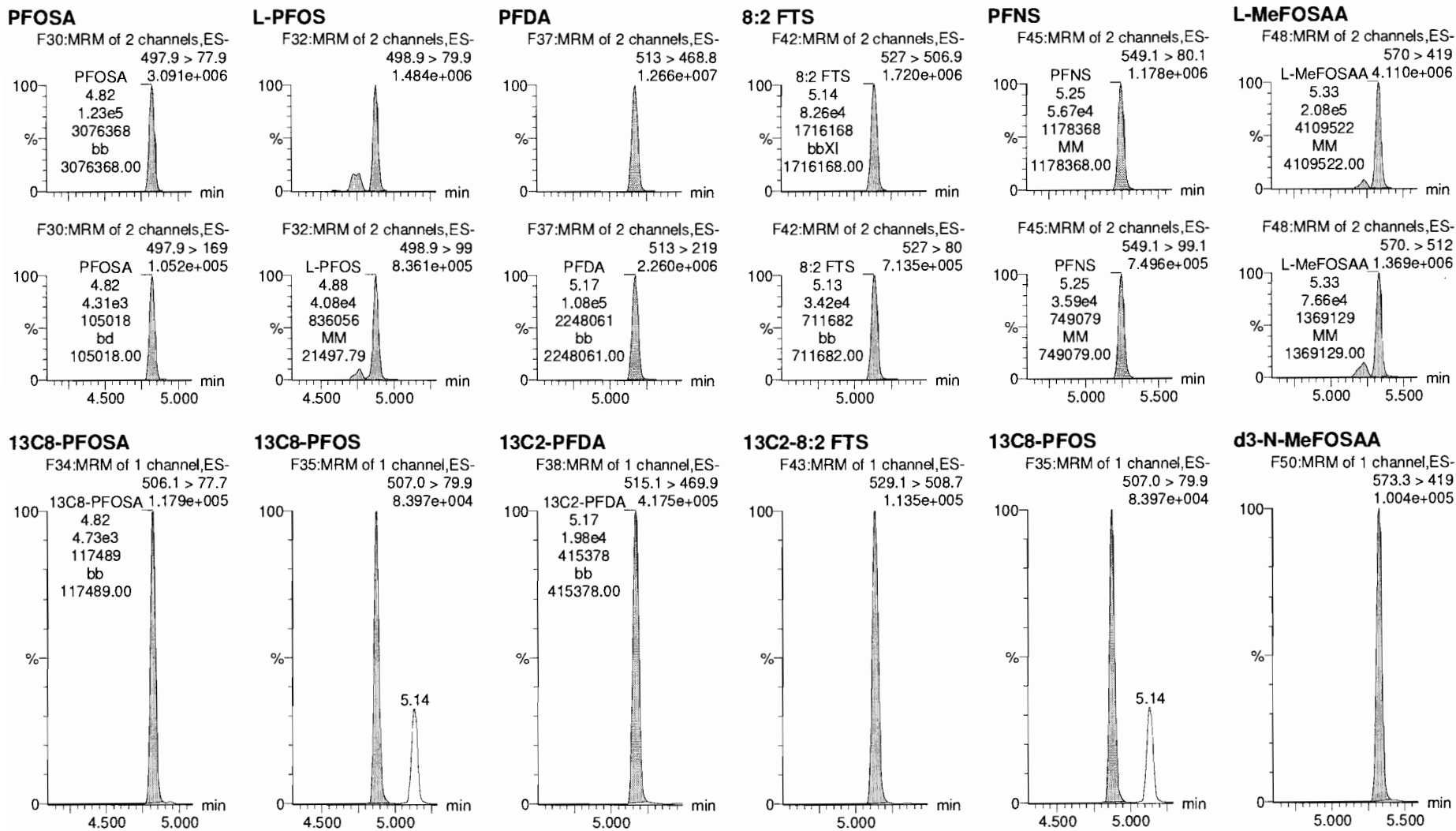
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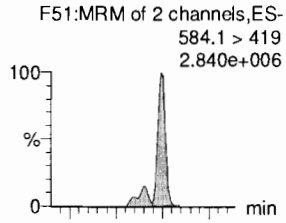


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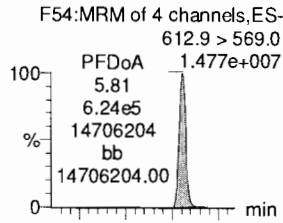
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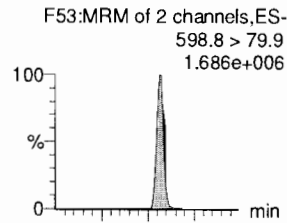
L-EtFOSAA



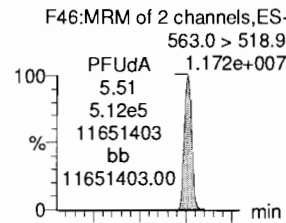
PFDoA



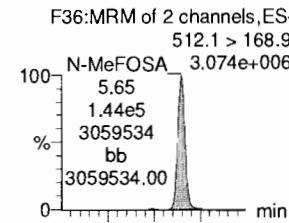
PFDS



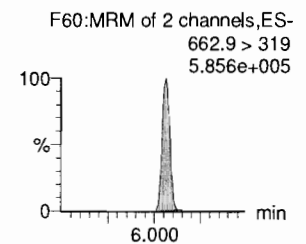
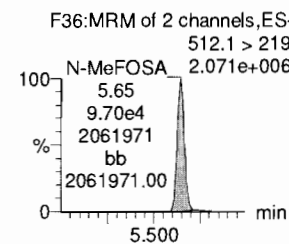
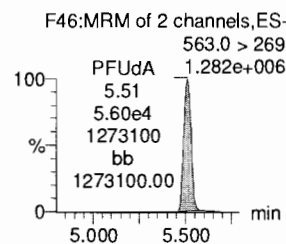
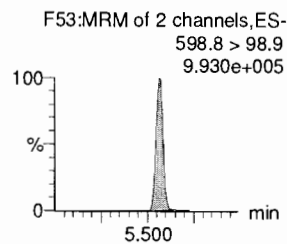
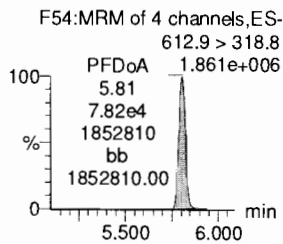
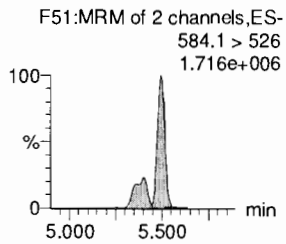
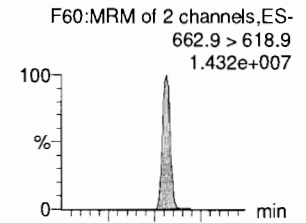
PFUdA



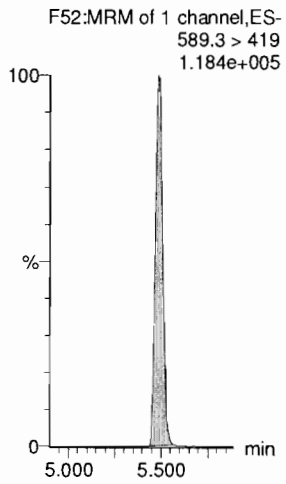
N-MeFOSA



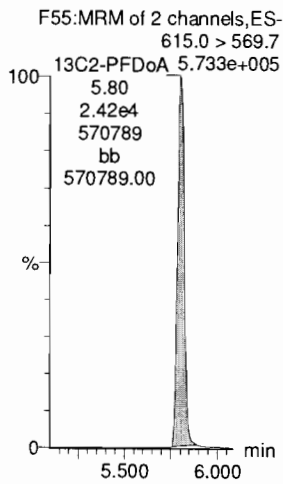
PFTrDA



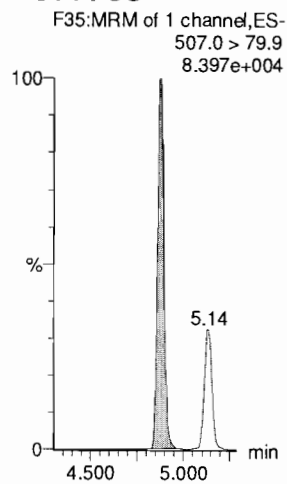
d5-N-EtFOSAA



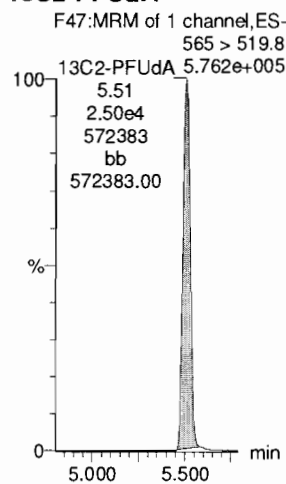
13C2-PFDoA



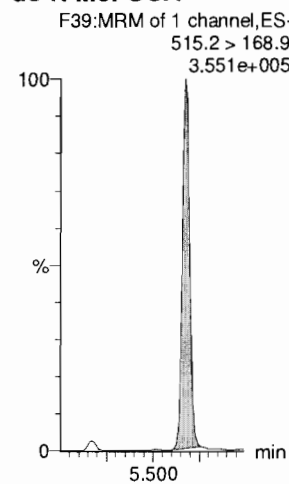
13C8-PFOS



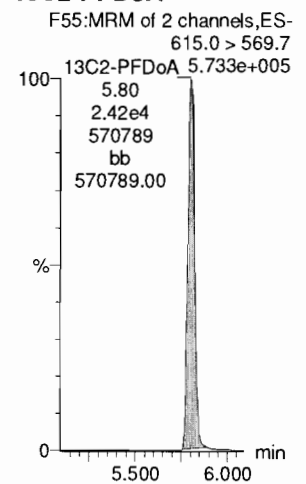
13C2-PFUdA



d3-N-MeFOSA



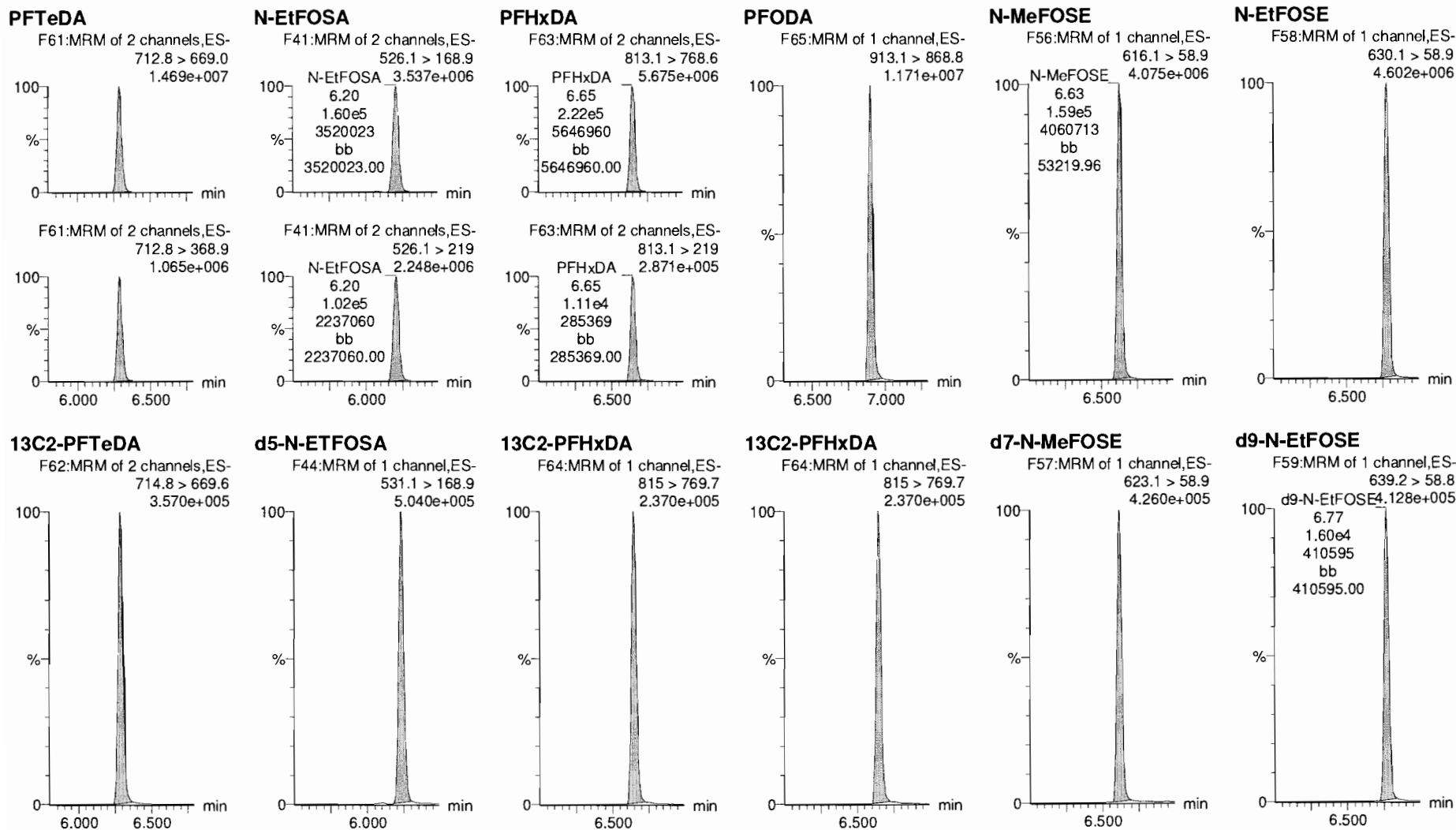
13C2-PFDoA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

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Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_10, Date: 19-Oct-2018, Time: 12:01:22, ID: ST181019M1-9 PFC CS6 18J1710, Description: PFC CS6 18J1710



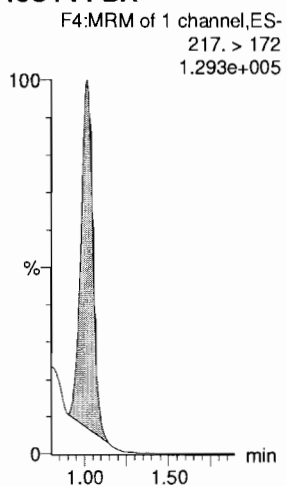
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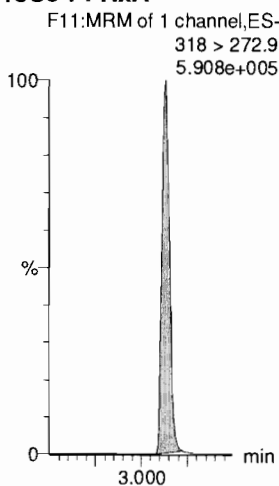
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Name: 181019M1_10, Date: 19-Oct-2018, Time: 12:01:22, ID: ST181019M1-9 PFC CS6 18J1710, Description: PFC CS6 18J1710

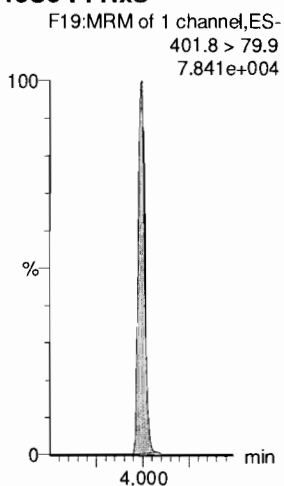
13C4-PFBA



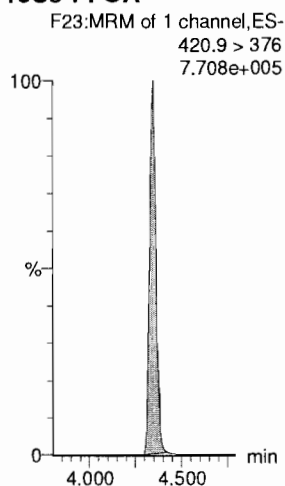
13C5-PFHxA



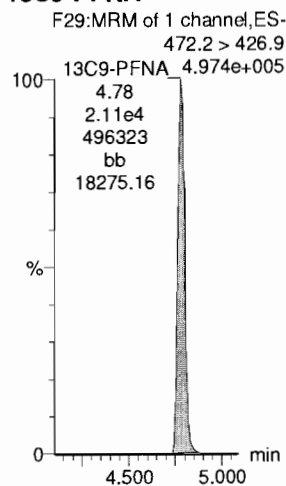
13C3-PFHxS



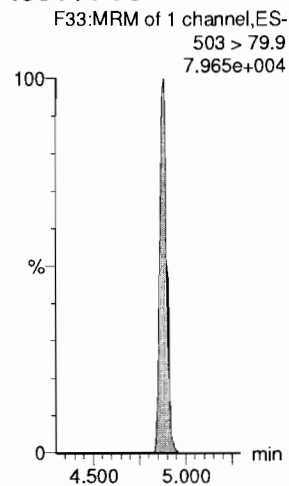
13C8-PFOA



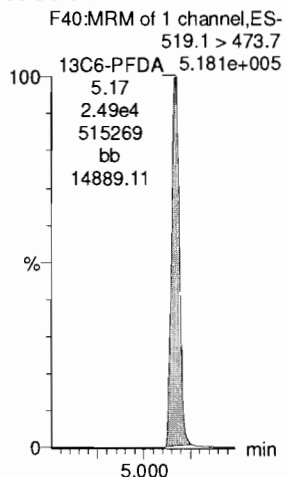
13C9-PFNA



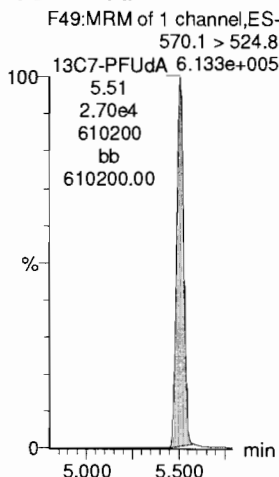
13C4-PFOS



13C6-PFDA



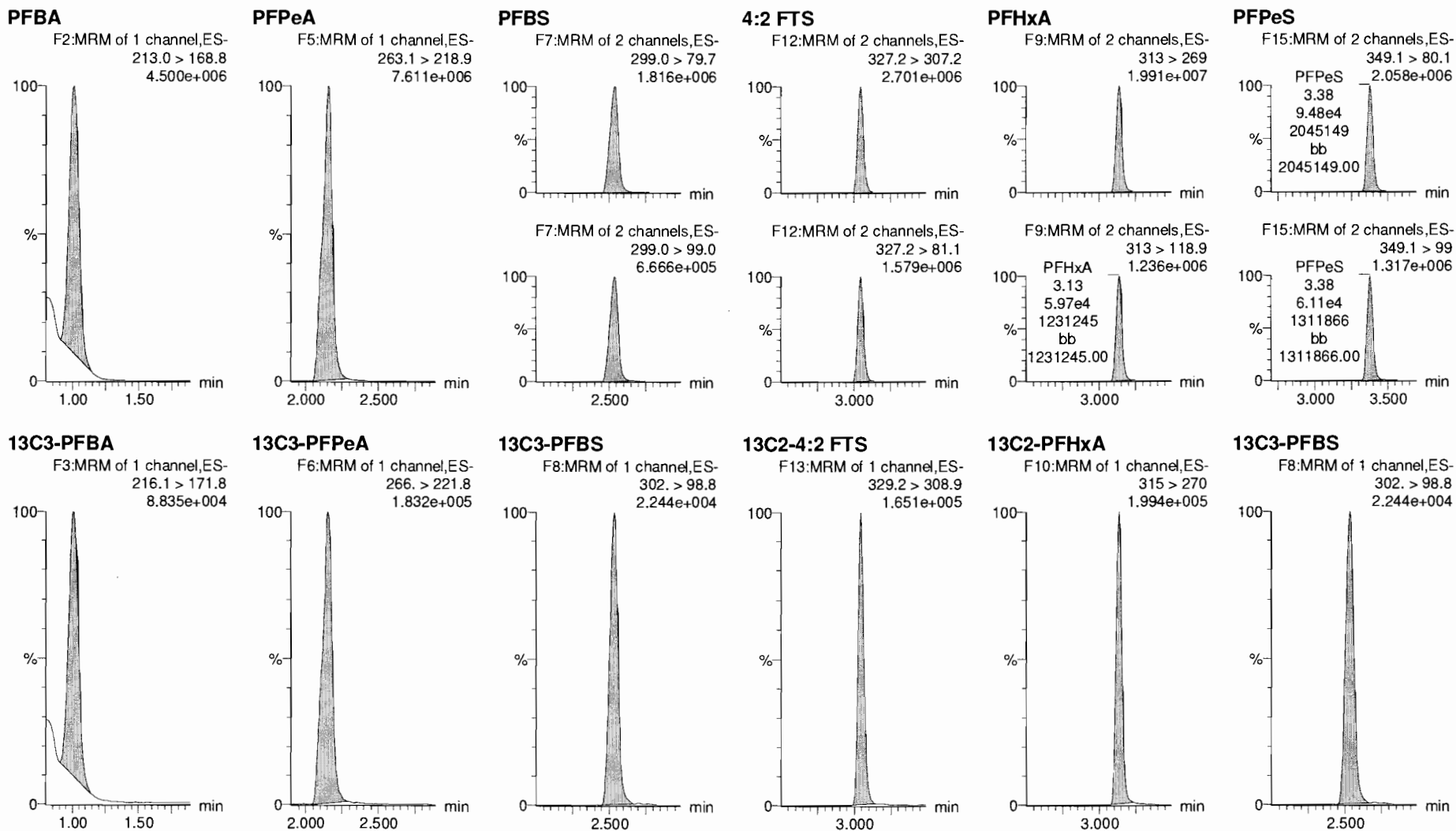
13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

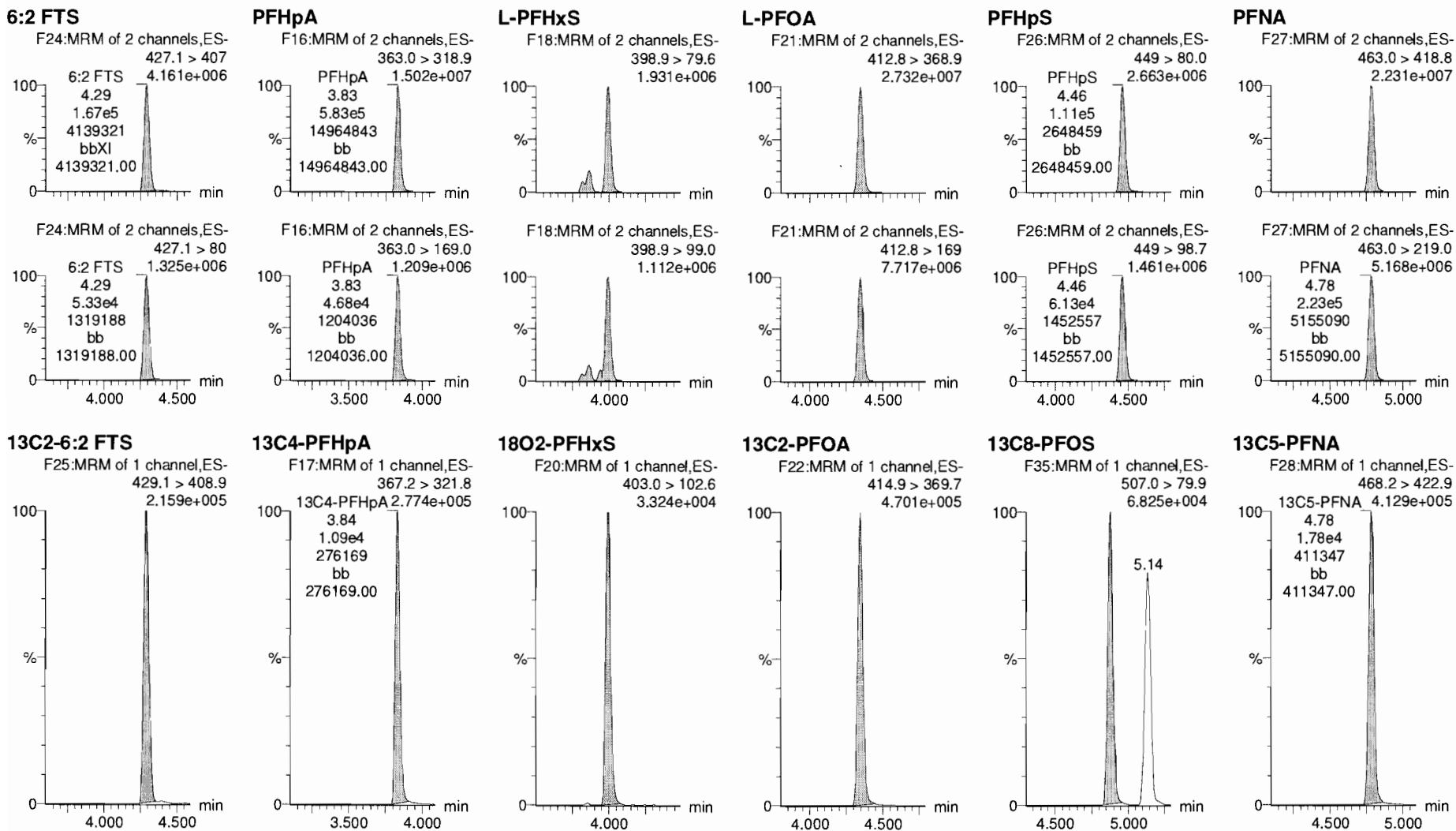
Name: 181019M1_11, Date: 19-Oct-2018, Time: 12:12:00, ID: ST181019M1-10 PFC CS7 18J1711, Description: PFC CS7 18J1711



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_11, Date: 19-Oct-2018, Time: 12:12:00, ID: ST181019M1-10 PFC CS7 18J1711, Description: PFC CS7 18J1711

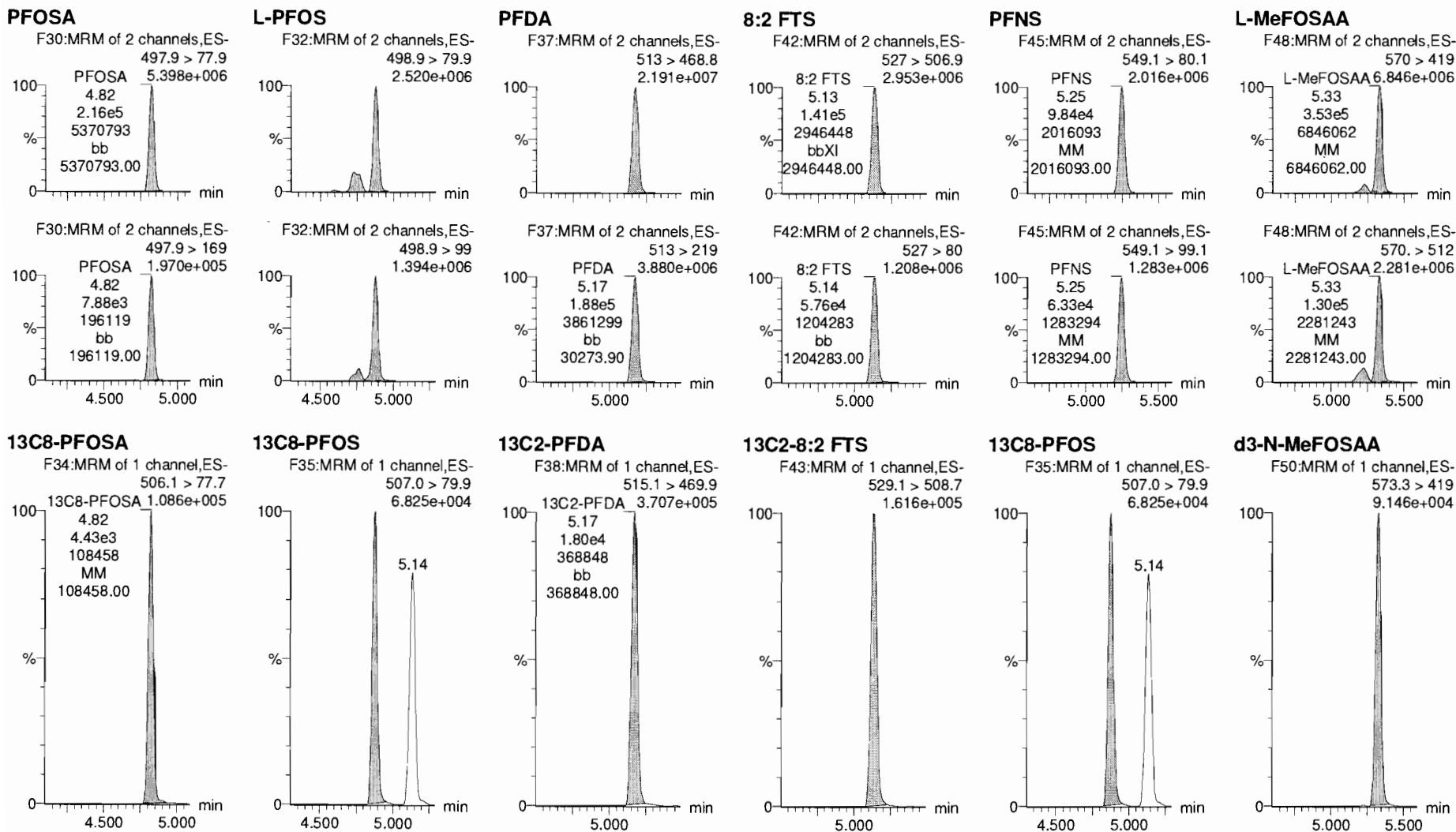


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_11, Date: 19-Oct-2018, Time: 12:12:00, ID: ST181019M1-10 PFC CS7 18J1711, Description: PFC CS7 18J1711



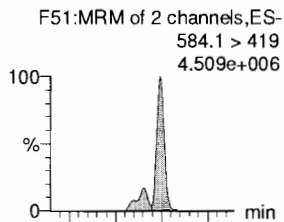
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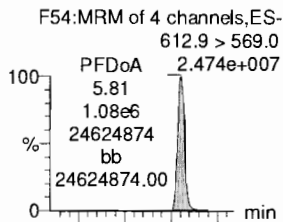
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_11, Date: 19-Oct-2018, Time: 12:12:00, ID: ST181019M1-10 PFC CS7 18J1711, Description: PFC CS7 18J1711

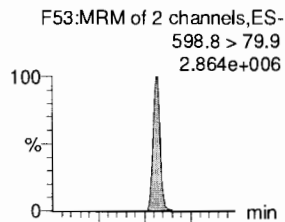
L-EtFOSAA



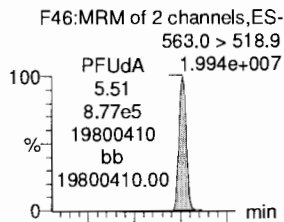
PFDaA



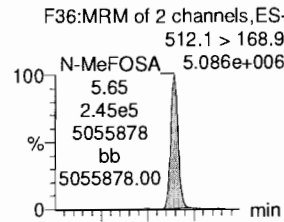
PFDS



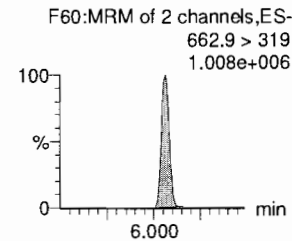
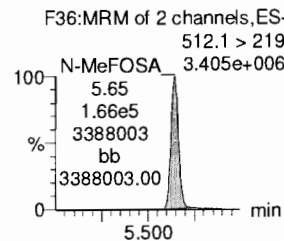
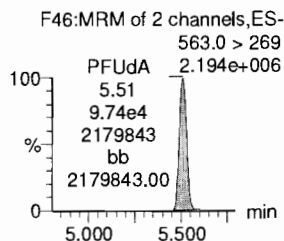
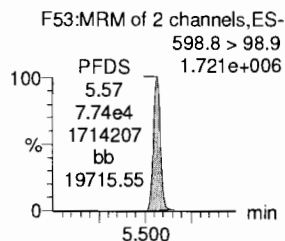
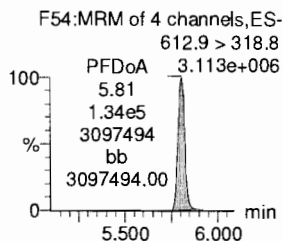
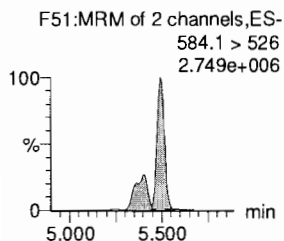
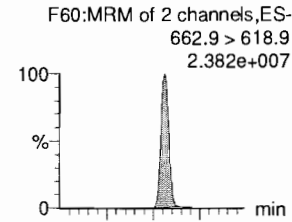
PFUdA



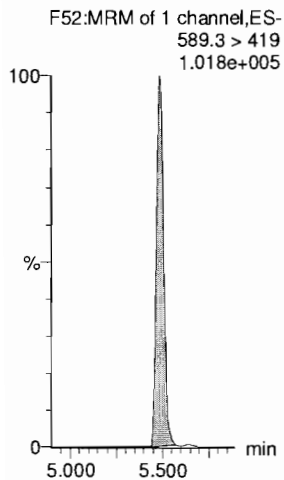
N-MeFOSA



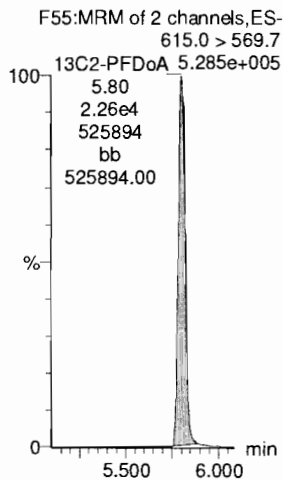
PFTrDA



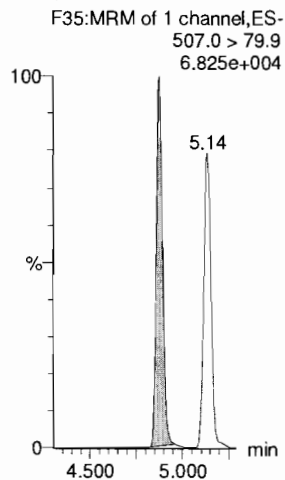
d5-N-EtFOSAA



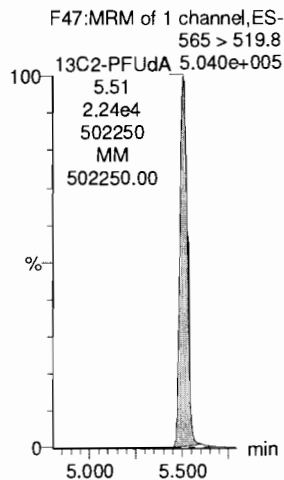
13C2-PFDaA



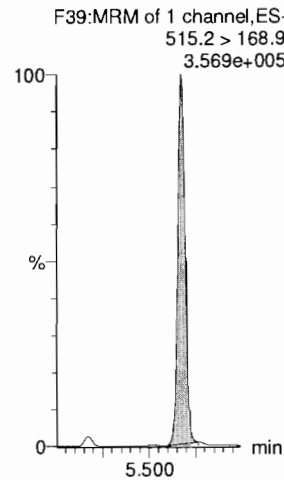
13C8-PFOS



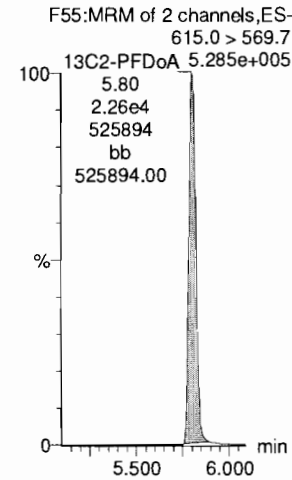
13C2-PFUdA



d3-N-MeFOSA



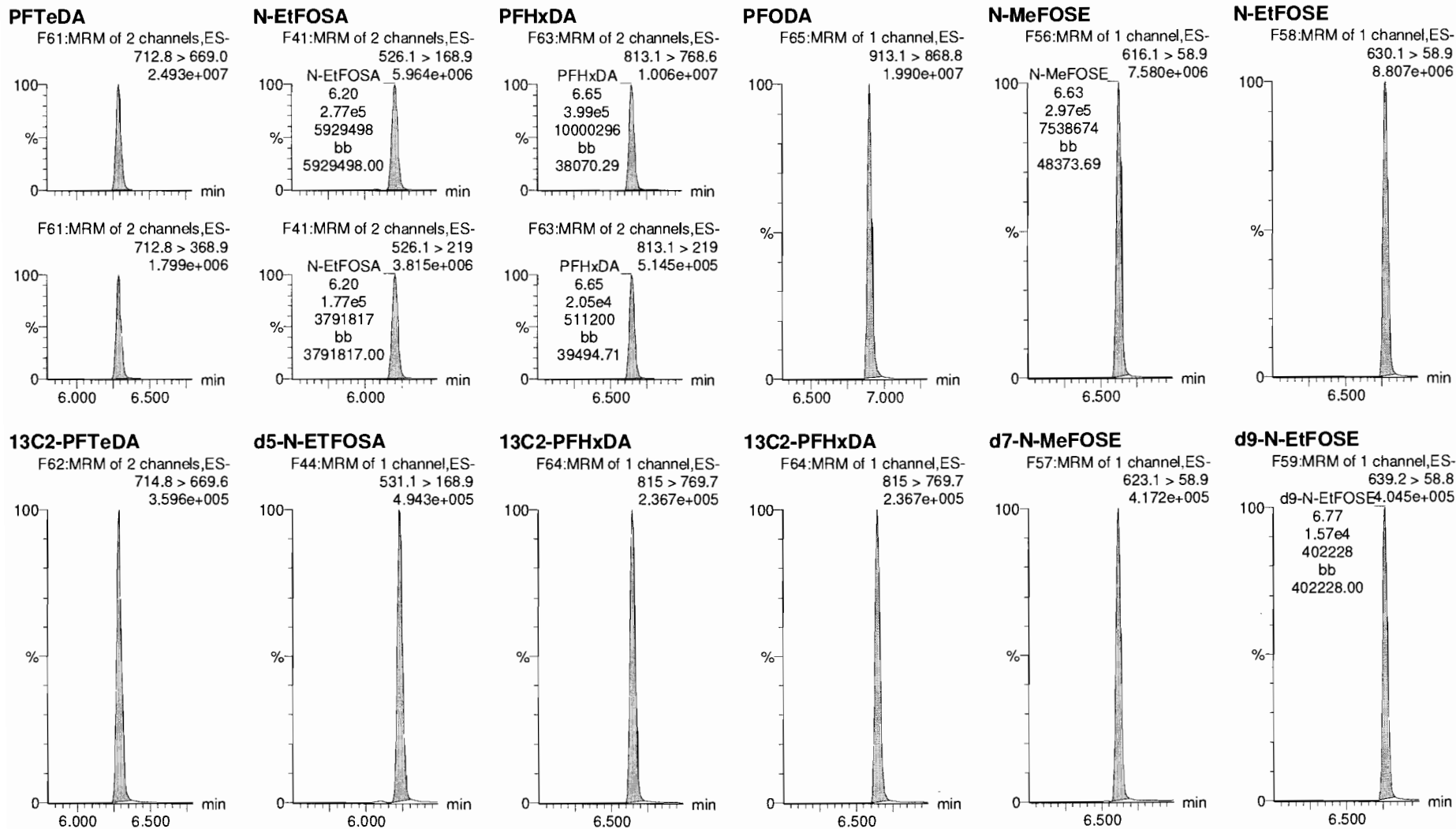
13C2-PFDaA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time
Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_11, Date: 19-Oct-2018, Time: 12:12:00, ID: ST181019M1-10 PFC CS7 18J1711, Description: PFC CS7 18J1711



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-CRV.qld

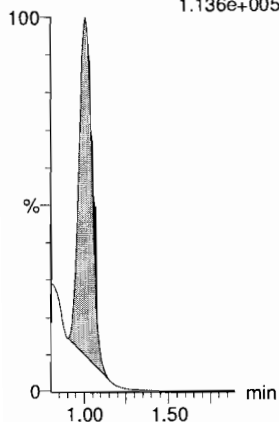
Last Altered: Saturday, October 20, 2018 13:42:28 Pacific Daylight Time

Printed: Saturday, October 20, 2018 13:43:00 Pacific Daylight Time

Name: 181019M1_11, Date: 19-Oct-2018, Time: 12:12:00, ID: ST181019M1-10 PFC CS7 18J1711, Description: PFC CS7 18J1711

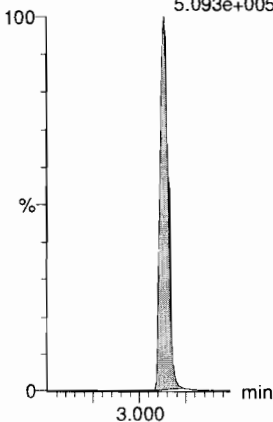
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.136e+005



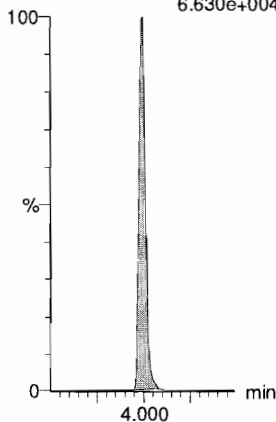
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
5.093e+005



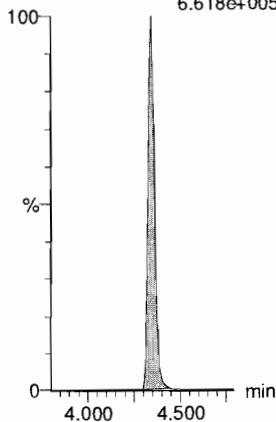
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
6.630e+004



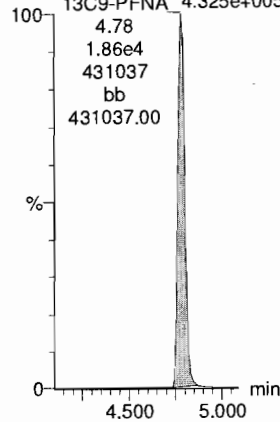
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
6.618e+005



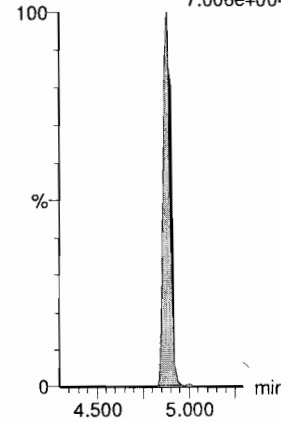
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
4.325e+005



13C4-PFOS

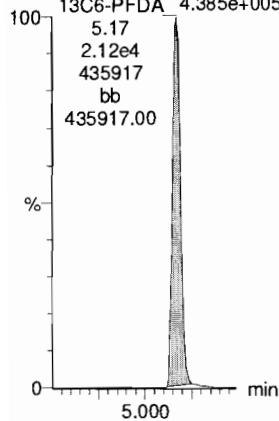
F33:MRM of 1 channel,ES-
503 > 79.9
7.006e+004



13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7

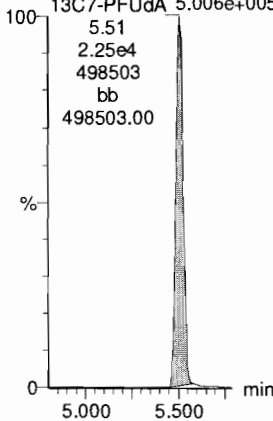
4.385e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8

5.006e+005



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-ICV.qld

Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time

Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

JAN 10/21/18

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	6850.216	7661.880	1.00	1.04	11.176	8.4	84.5	NO		
2	2 PFPeA	263.1 > 218.9	11483.498	16814.703	1.00	2.17	8.537	8.1	81.0	NO		
3	3 PFBS	299.0 > 79.7	2267.492	1923.500	1.00	2.55	14.735	7.1	71.1	NO	2.591	NO
4	4 4:2 FTS	327.2>307.2	3374.694	4200.356	1.00	3.06	10.043	8.3	83.4	NO	1.723	NO
5	5 PFHxA	313 > 269	21701.023	11680.332	1.00	3.15	9.290	8.3	82.9	NO	15.820	NO
6	6 PFPeS	349.1>80.1	2186.159	1923.500	1.00	3.38	14.207	7.9	78.8	NO	1.607	NO
7	36 13C3-PFBA	216.1 > 171.8	7661.880	10090.296	1.00	1.03	9.492	12.5	99.7	NO		
8	37 13C3-PFPeA	266. > 221.8	16814.703	31957.250	1.00	2.17	6.577	12.3	98.0	NO		
9	38 13C3-PFBS	302. > 98.8	1923.500	3619.176	1.00	2.55	6.643	12.4	99.0	NO		
10	39 13C2-4:2 FTS	329.2>308.9	4200.356	3619.176	1.00	3.06	14.507	12.3	98.3	NO		
11	40 13C2-PFHxA	315 > 270	11680.332	31957.250	1.00	3.15	4.569	5.1	101.1	NO		
12	38 13C3-PFBS	302. > 98.8	1923.500	3619.176	1.00	2.55	6.643	12.4	99.0	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	4294.056	4272.262	1.00	4.29	12.564	8.2	81.8	NO	3.102	NO
15	7 PFHpA	363.0 > 318.9	13593.026	14777.052	1.00	3.84	11.498	8.4	83.7	NO	12.808	NO
16	8 L-PFHxS	398.9 > 79.6	1901.678	1569.966	1.00	4.00	15.141	7.4	74.0	NO	1.849	NO
17	11 L-PFOA	412.8 > 368.9	27304.291	25775.912	1.00	4.35	13.241	8.6	86.4	NO	3.525	NO
18	13 PFHpS	449 > 80.0	2542.926	3747.309	1.00	4.46	8.483	9.2	92.2	NO	2.056	NO
19	14 PFNA	463.0 > 418.8	21850.955	24446.807	1.00	4.79	11.173	7.8	78.3	NO	4.429	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	4272.262	3732.907	1.00	4.29	14.306	11.8	94.5	NO		
21	41 13C4-PFHpA	367.2 > 321.8	14777.052	31957.250	1.00	3.84	5.780	12.5	99.8	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1569.966	3619.176	1.00	4.00	5.422	11.9	94.9	NO		
23	44 13C2-PFOA	414.9 > 369.7	25775.912	36652.344	1.00	4.35	8.791	12.3	98.7	NO		
24	47 13C8-PFOS	507.0 > 79.9	3747.309	3732.907	1.00	4.88	12.548	12.3	98.3	NO		
25	45 13C5-PFNA	468.2 > 422.9	24446.807	25241.031	1.00	4.79	12.107	12.9	103.3	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	4465.090	5290.785	1.00	4.83	10.549	8.1	81.3	NO	30.635	NO
28	16 L-PFOS	498.9 > 79.9	2761.664	3747.309	1.00	4.88	9.212	8.0	80.5	NO	1.943	NO
29	18 PFDA	513 > 468.8	24721.664	23813.102	1.00	5.17	12.977	8.4	83.8	NO	5.916	NO
30	19 8:2 FTS	527 > 506.9	3293.652	3239.339	1.00	5.14	12.710	8.0	79.7	NO	2.370	NO
31	20 PFNS	549.1 > 80.1	2093.137	3747.309	1.00	5.25	6.982	8.6	86.2	NO	1.487	NO
32	21 L-MeFOSAA	570 > 419	9303.822	4963.762	1.00	5.33	23.429	10.0	100.0	NO	3.007	NO
33	46 13C8-PFOA	506.1 > 77.7	5290.785	33995.953	1.00	4.82	1.945	11.2	89.8	NO		
34	47 13C8-PFOS	507.0 > 79.9	3747.309	3732.907	1.00	4.88	12.548	12.3	98.3	NO		
35	48 13C2-PFDA	515.1 > 469.9	23813.102	28848.113	1.00	5.17	10.318	12.6	100.9	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3239.339	3732.907	1.00	5.14	10.847	11.7	93.2	NO		

KBF 10/20/18

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-ICV.qld

Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time
Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

Ⓐ Compounds not present in ICV

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	3747.309	3732.907	1.00	4.88	12.548	12.3	98.3	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	4963.762	33995.953	1.00	5.33	1.825	11.4	91.3	NO		
39	-1											
40	23 L-EiFOSAA	584.1 > 419	7627.013	6825.657	1.00	5.50	13.968	9.5	95.3	NO	1.534	NO
41	27 PFD _o A	612.9 > 569.0	24244.486	28500.383	1.00	5.81	10.633	7.8	78.3	NO	7.692	NO
42	26 PFDS	598.8 > 79.9	2838.156	3747.309	1.00	5.57	9.467	8.9	88.8	NO	1.744	NO
43	25 PFU _d A	563.0 > 518.9	21644.350	31018.123	1.00	5.52	8.722	8.3	82.5	NO	8.431	NO
44	28 N-MeFOSA	512.1 > 168.9		16189.659	1.00					Ⓐ		
45	29 PFT _r DA	662.9 > 618.9	25733.611	28500.383	1.00	6.06	11.287	7.9	78.8	NO	23.625	NO
46	52 d5-N-EiFOSAA	589.3 > 419	6825.657	33995.953	1.00	5.49	2.510	12.0	96.3	NO		
47	53 13C2-PFD _o A	615.0 > 569.7	28500.383	28848.113	1.00	5.81	12.349	12.7	101.9	NO		
48	47 13C8-PFOS	507.0 > 79.9	3747.309	3732.907	1.00	4.88	12.548	12.3	98.3	NO		
49	51 13C2-PFU _d A	565 > 519.8	31018.123	33995.953	1.00	5.52	11.405	12.2	97.4	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	16189.659	33995.953	1.00	5.68	5.953	134.2	89.5	NO		
51	53 13C2-PFD _o A	615.0 > 569.7	28500.383	28848.113	1.00	5.81	12.349	12.7	101.9	NO		
52	-1											
53	30 PFT _e DA	712.8 > 669.0	24645.227	17759.162	1.00	6.29	17.347	7.8	77.9	NO	13.159	NO
54	31 N-EtFOSA	526.1 > 168.9		22662.092	1.00					Ⓐ		
55	32 PFH _x DA	813.1 > 768.6		10499.608	1.00							
56	33 PFODA	913.1 > 868.8		10499.608	1.00							
57	34 N-MeFOSE	616.1 > 58.9		16174.101	1.00							
58	35 N-EtFOSE	630.1 > 58.9		15621.075	1.00							
59	55 13C2-PFT _e DA	714.8 > 669.6	17759.162	33995.953	1.00	6.29	6.530	12.9	102.8	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	22662.092	33995.953	1.00	6.23	8.333	138.6	92.4	NO		
61	57 13C2-PFH _x DA	815 > 769.7	10499.608	33995.953	1.00	6.65	3.861	5.0	99.2	NO		
62	57 13C2-PFH _x DA	815 > 769.7	10499.608	33995.953	1.00	6.65	3.861	5.0	99.2	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	16174.101	33995.953	1.00	6.62	5.947	133.7	89.2	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	15621.075	33995.953	1.00	6.77	5.744	136.6	91.1	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	10090.296	10090.296	1.00	1.03	12.500	12.5	100.0	NO		
67	61 13C5-PFH _x A	318 > 272.9	31957.250	31957.250	1.00	3.15	12.500	12.5	100.0	NO		
68	62 13C3-PFH _x S	401.8 > 79.9	3619.176	3619.176	1.00	4.00	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	36652.344	36652.344	1.00	4.35	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	25241.031	25241.031	1.00	4.79	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	3732.907	3732.907	1.00	4.88	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	28848.113	28848.113	1.00	5.17	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-ICV.qld

Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time

Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	33995.953	33995.953	1.00	5.51	12.500	12.5	100.0		NO	

Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-ICV.qld

Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time

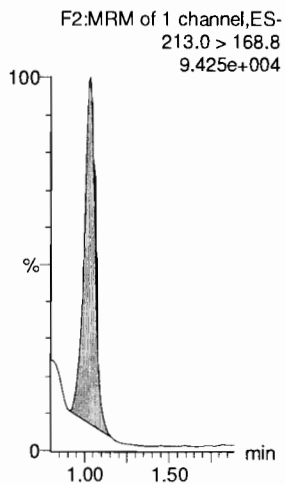
Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

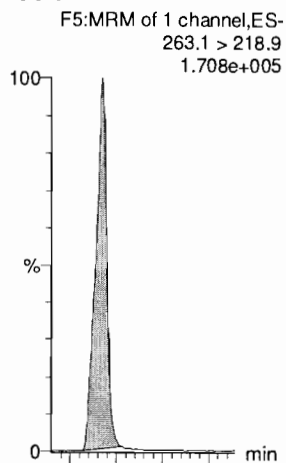
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

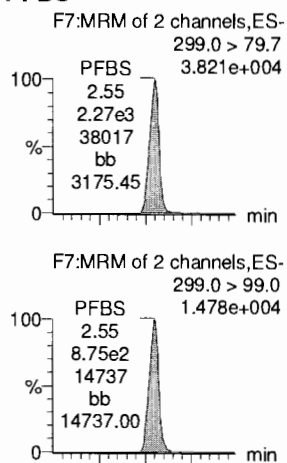
PFBA



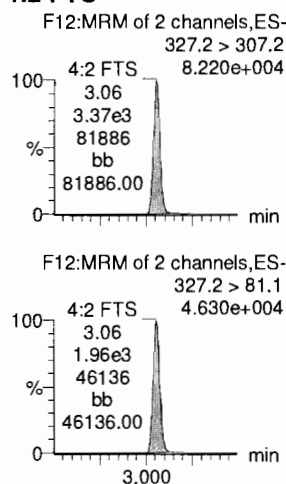
PFPeA



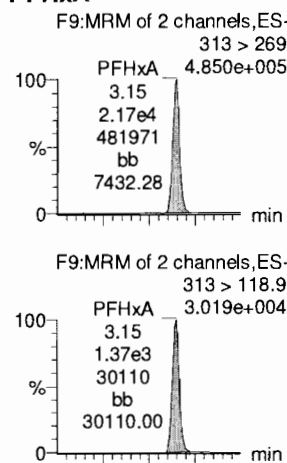
PFBS



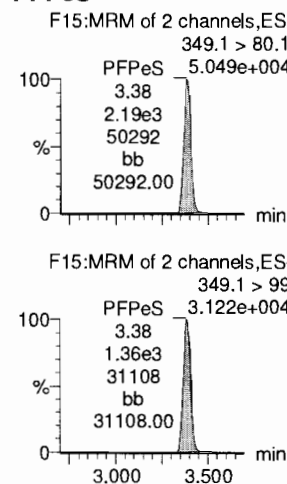
4:2 FTS



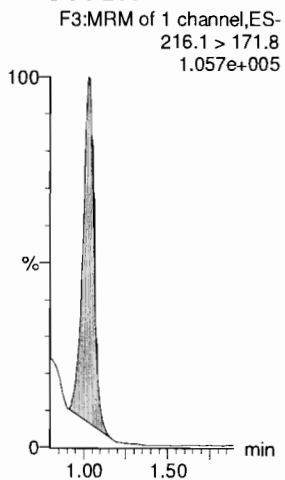
PFHxA



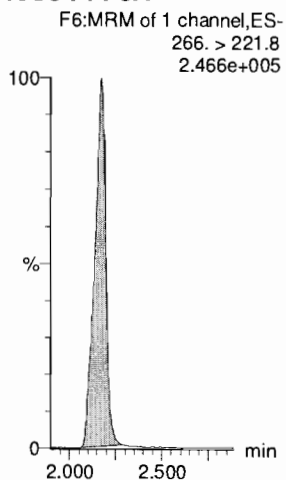
PFPeS



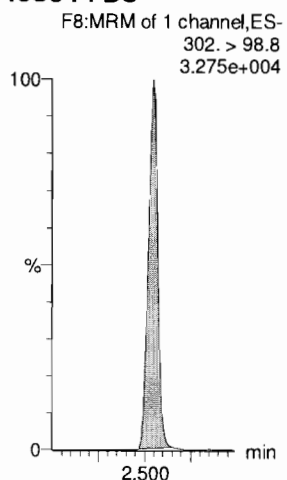
13C3-PFBA



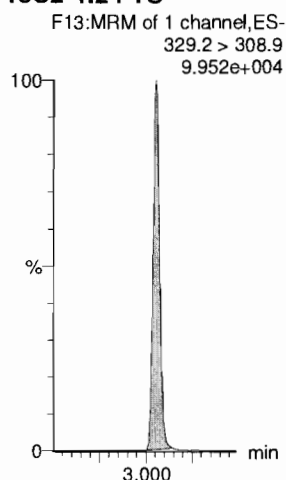
13C3-PFPeA



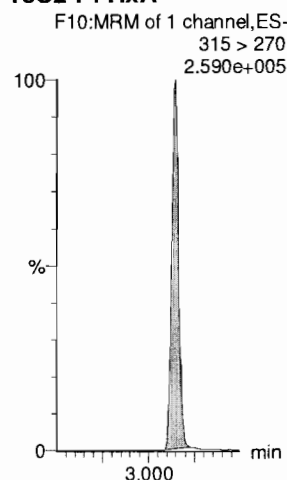
13C3-PFBS



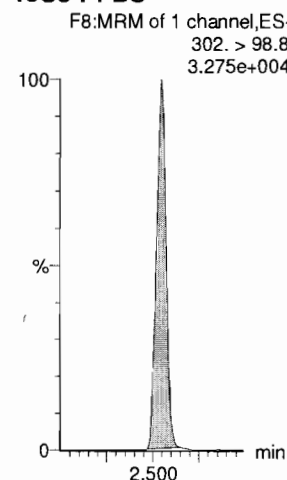
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

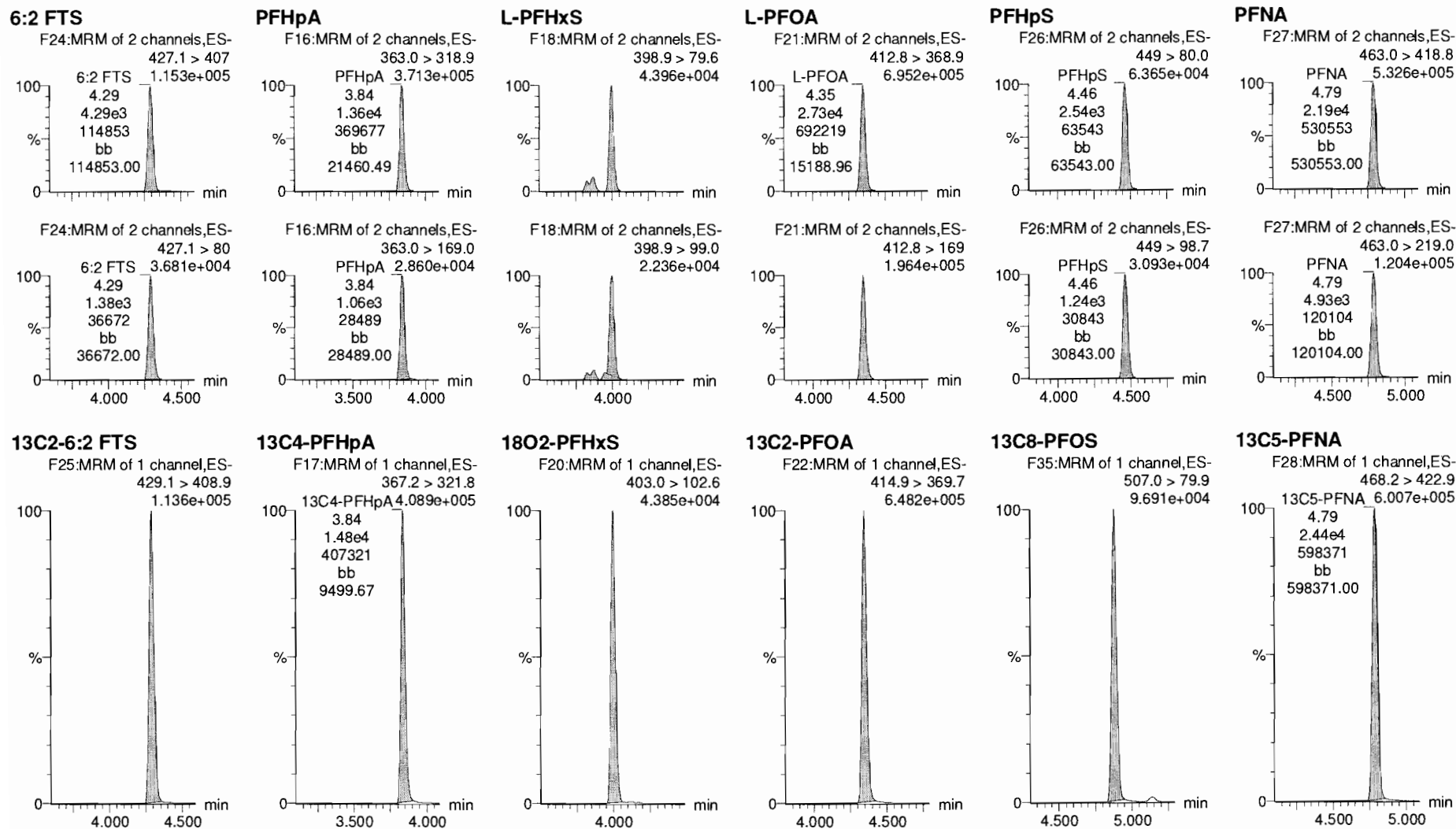


Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-ICV.qld

Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time

Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811



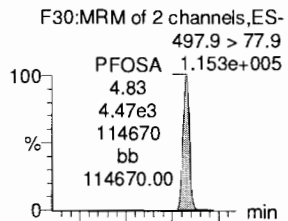
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Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time

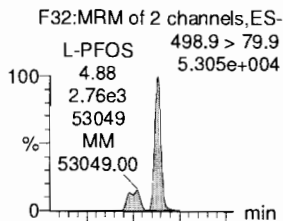
Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

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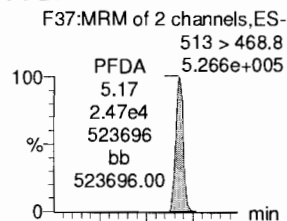
PFOSA



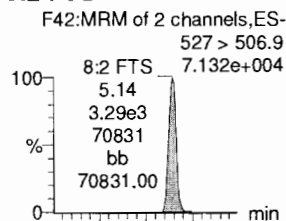
L-PFOS



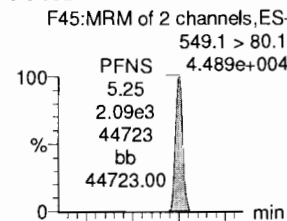
PFDA



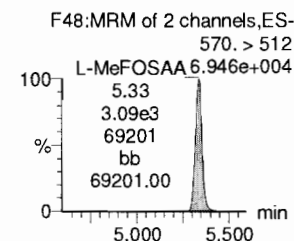
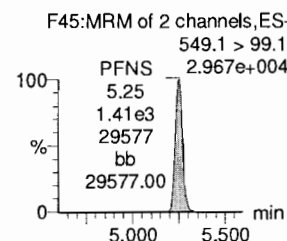
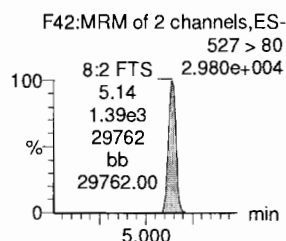
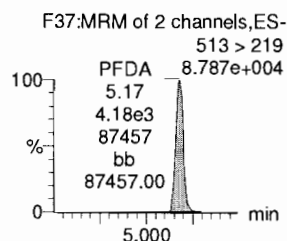
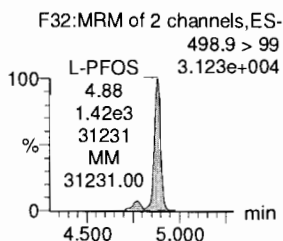
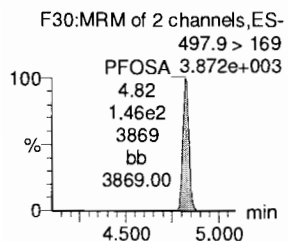
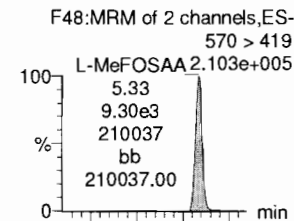
8:2 FTS



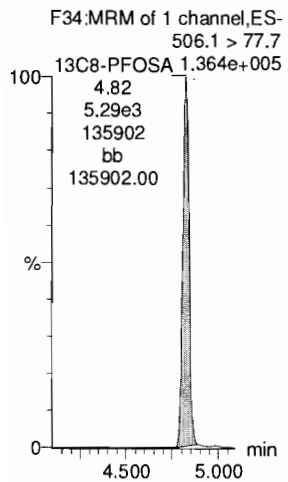
PFNS



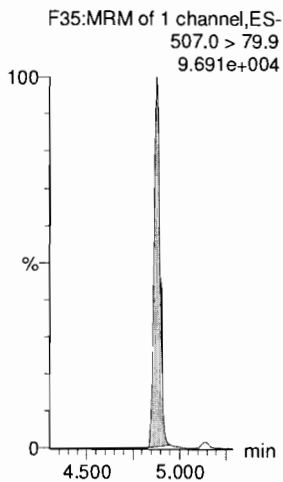
L-MeFOSAA



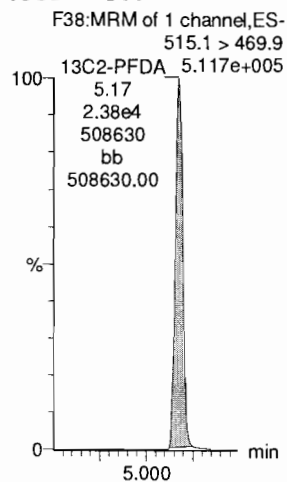
13C8-PFOSA



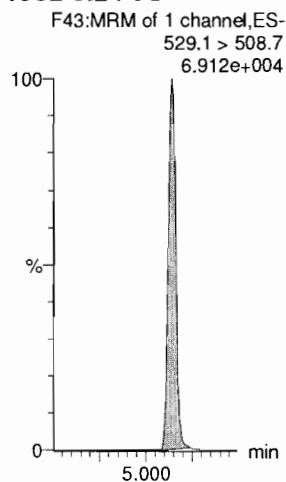
13C8-PFOS



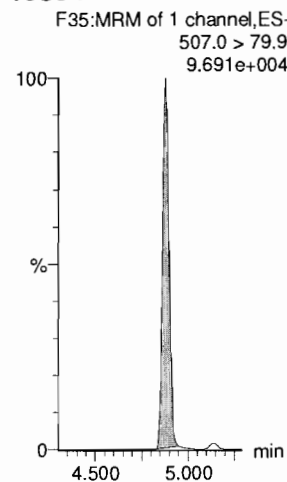
13C2-PFDA



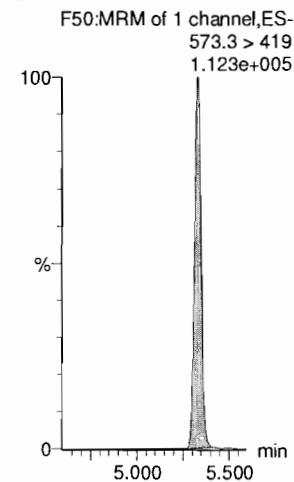
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



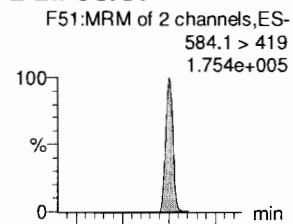
Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-ICV.qld

Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time

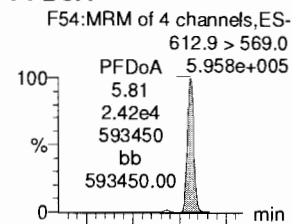
Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

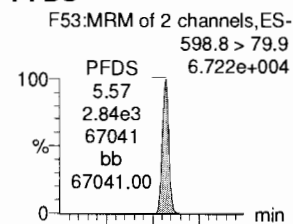
L-EtFOSAA



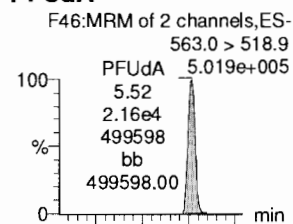
PFDaA



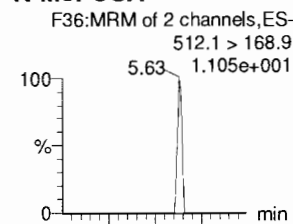
PFDS



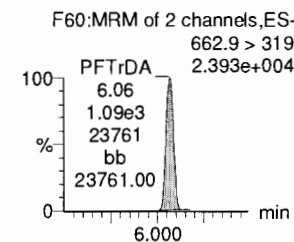
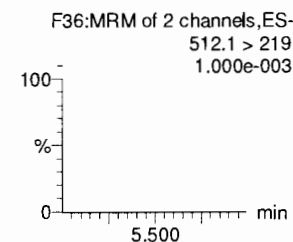
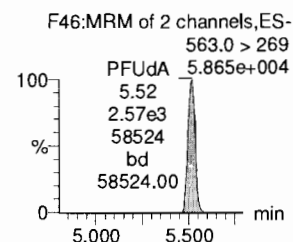
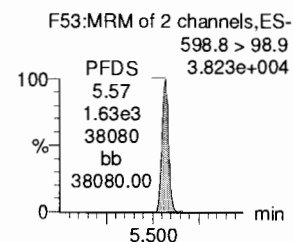
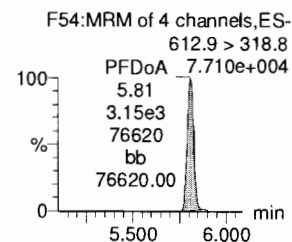
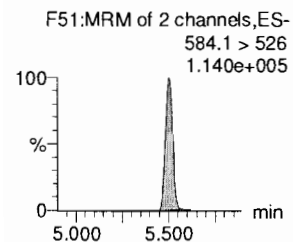
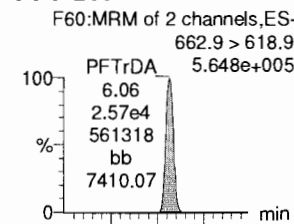
PFUdA



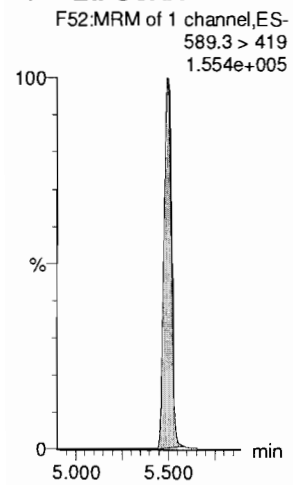
N-MeFOSA



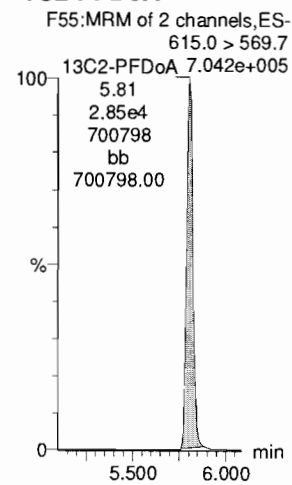
PFTrDA



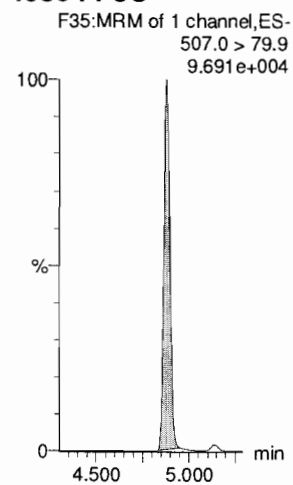
d5-N-EtFOSAA



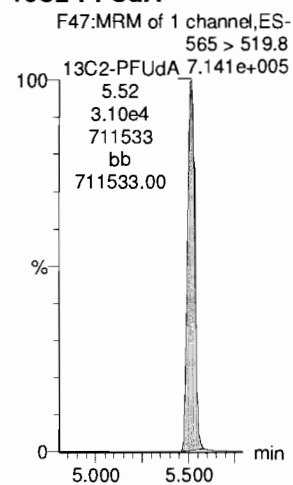
13C2-PFDaA



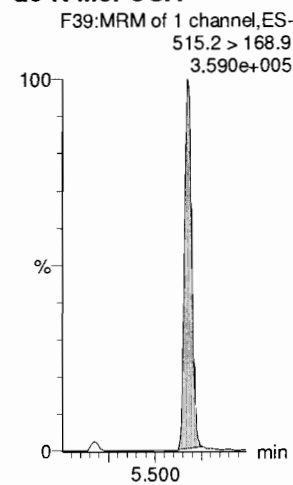
13C8-PFOS



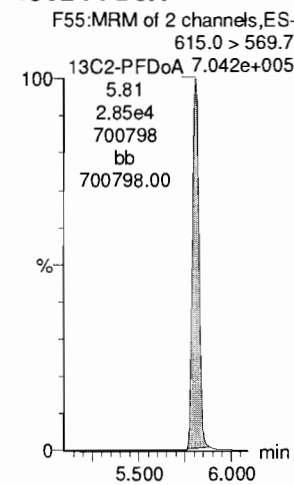
13C2-PFUdA



d3-N-MeFOSA



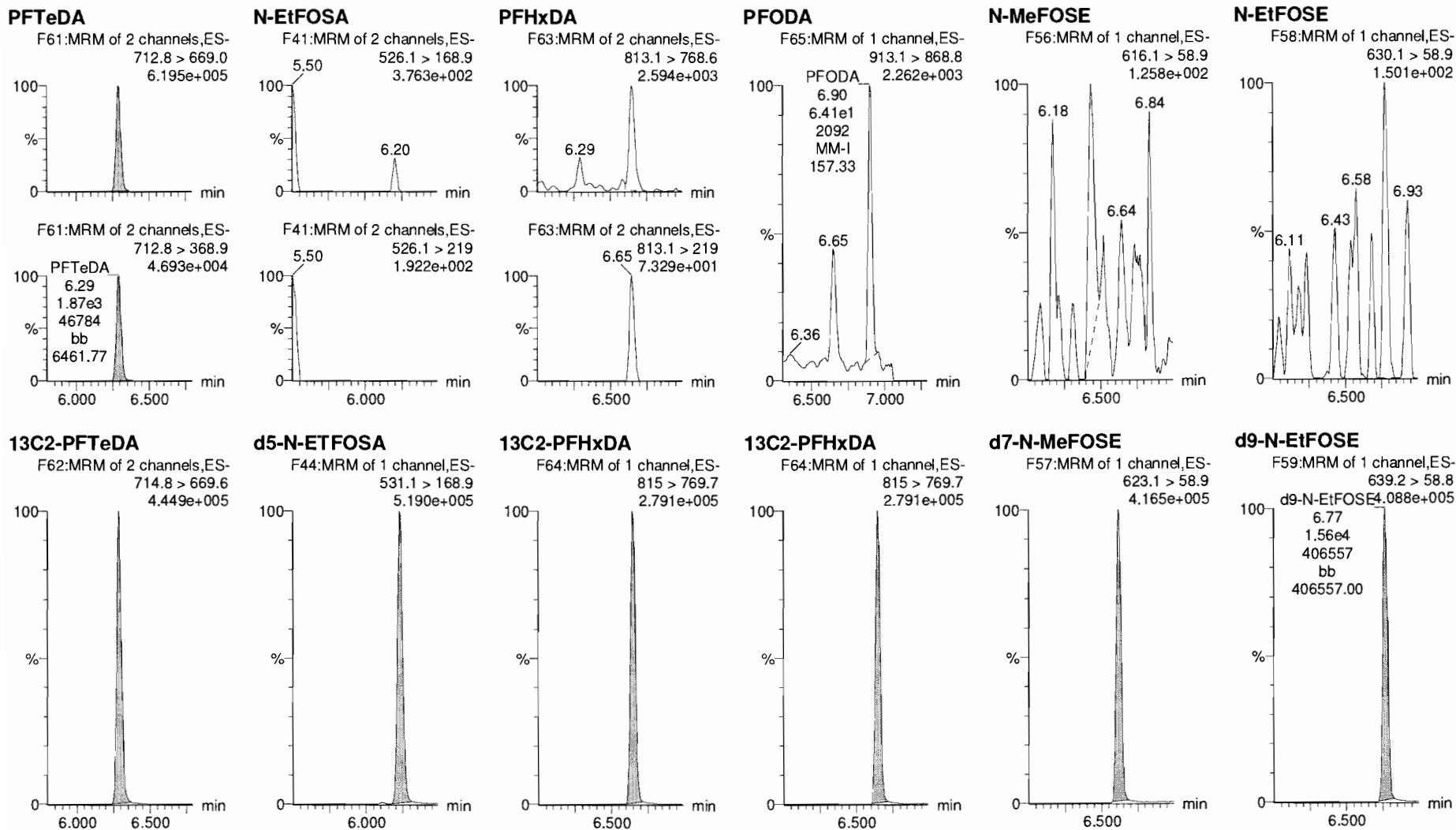
13C2-PFDaA



Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-ICV.qld

Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time
Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811



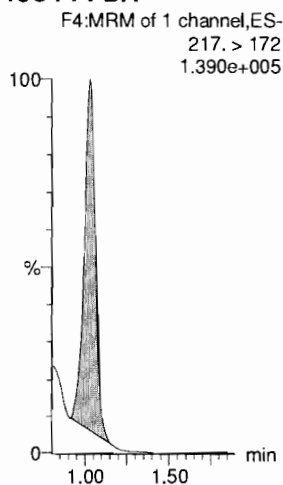
Dataset: F:\Projects\PFAS.PRO\Results\181019M1\181019M1-ICV.qld

Last Altered: Saturday, October 20, 2018 14:00:10 Pacific Daylight Time

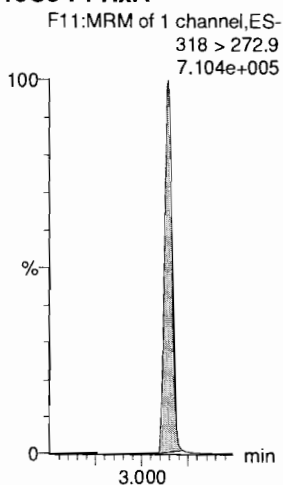
Printed: Saturday, October 20, 2018 14:00:39 Pacific Daylight Time

Name: 181019M1_36, Date: 19-Oct-2018, Time: 16:37:16, ID: ICV181019M1-1 PFC ICV 18J0811, Description: PFC ICV 18J0811

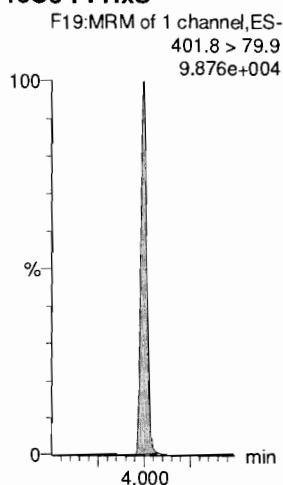
13C4-PFBA



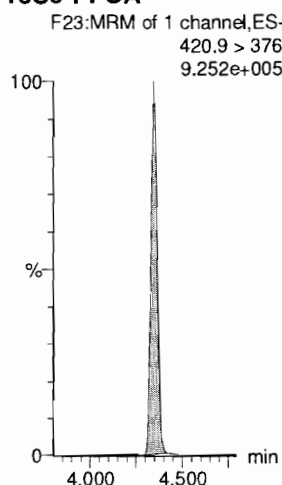
13C5-PFHxA



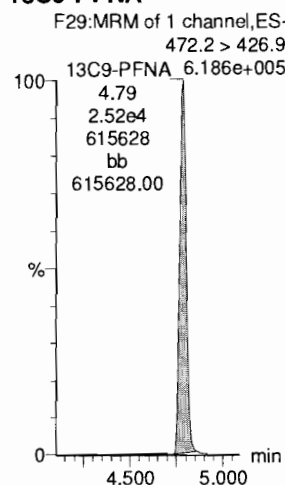
13C3-PFHxS



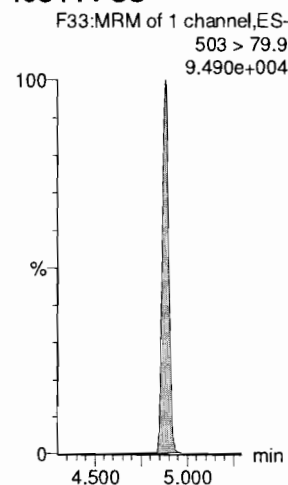
13C8-PFOA



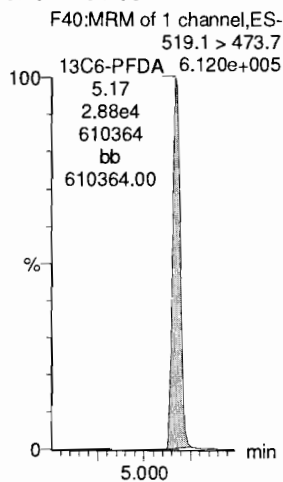
13C9-PFNA



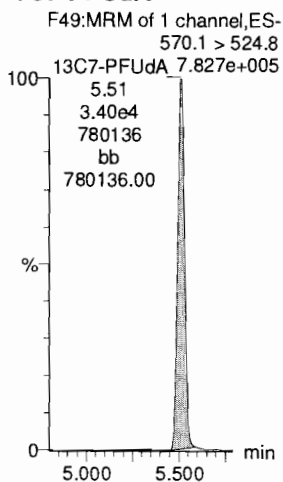
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: Untitled

Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

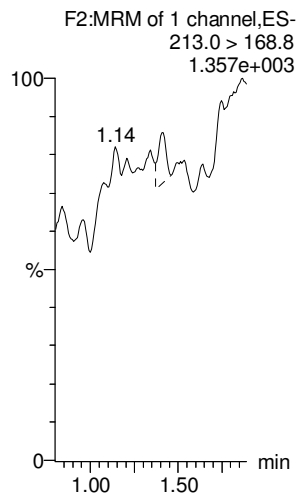
Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_101918_CRV.mdb 20 Oct 2018 13:35:12

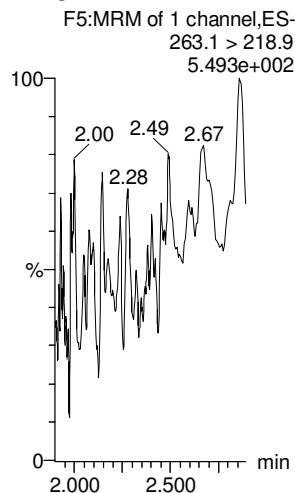
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-19-18.cdb 20 Oct 2018 13:42:28

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

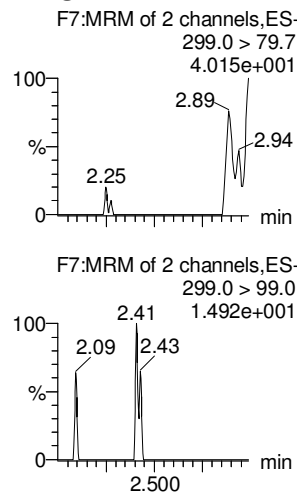
PFBA



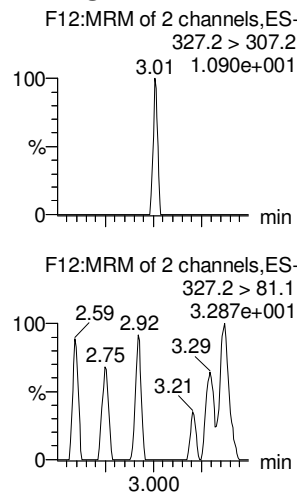
PFPeA



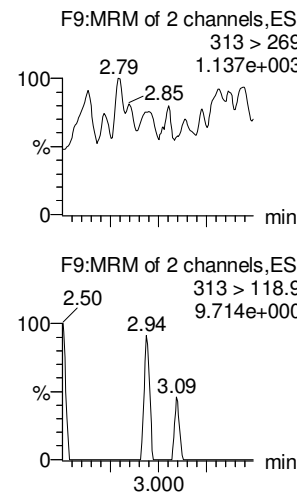
PFBS



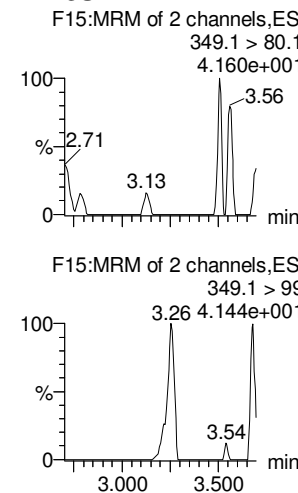
4:2 FTS



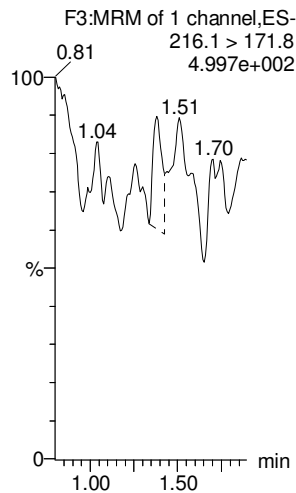
PFHxA



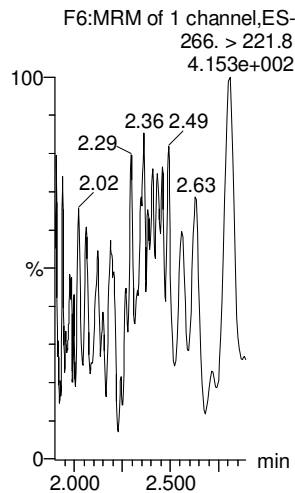
PFPeS



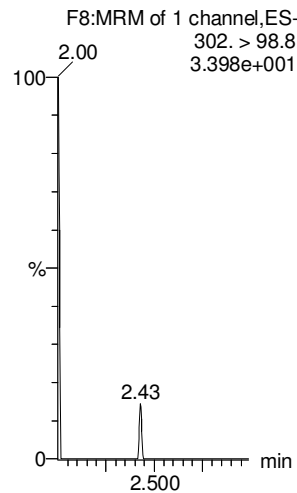
13C3-PFBA



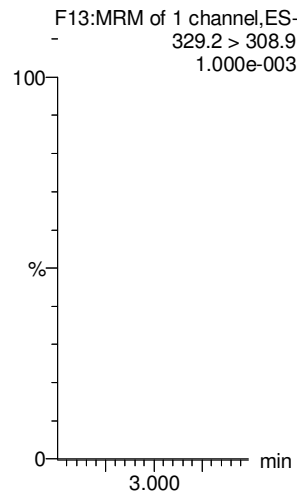
13C3-PFPeA



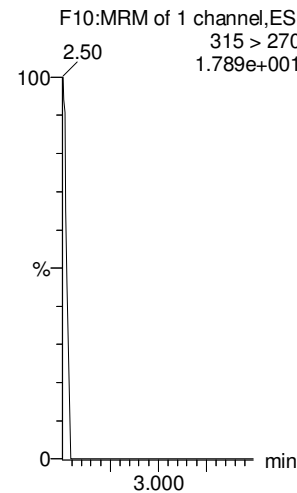
13C3-PFBS



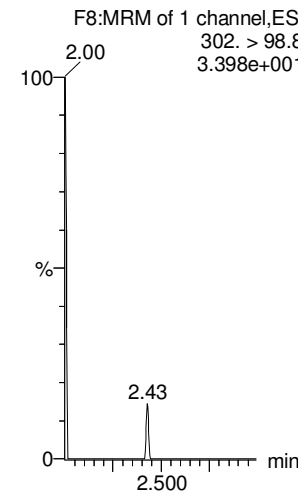
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



Dataset: Untitled

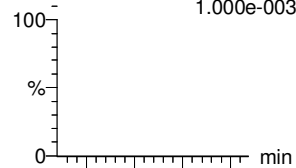
Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

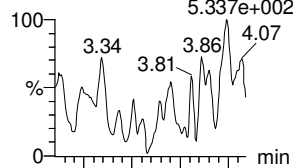
6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
1.000e-003



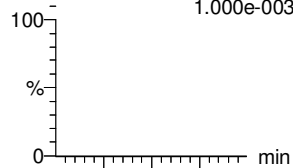
PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
5.337e+002



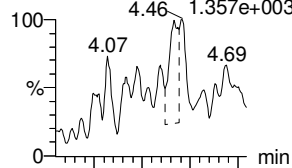
L-PFHxS

F18:MRM of 2 channels,ES-
398.9 > 79.6
1.000e-003



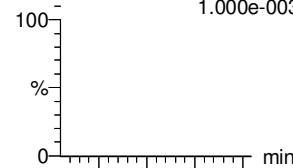
L-PFOA

F21:MRM of 2 channels,ES-
412.8 > 368.9
1.357e+003



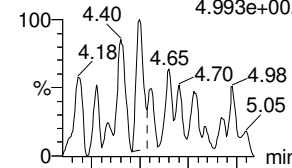
PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
1.000e-003

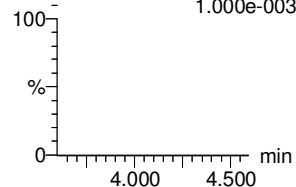


PFNA

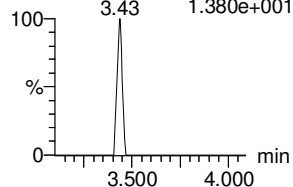
F27:MRM of 2 channels,ES-
463.0 > 418.8
4.993e+002



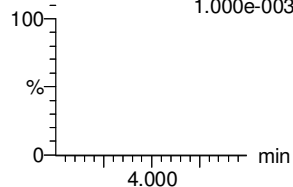
F24:MRM of 2 channels,ES-
427.1 > 80
1.000e-003



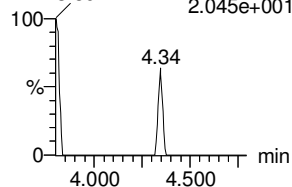
F16:MRM of 2 channels,ES-
363.0 > 169.0
1.380e+001



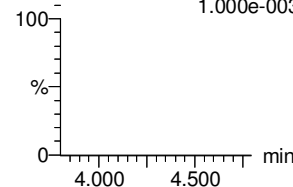
F18:MRM of 2 channels,ES-
398.9 > 99.0
1.000e-003



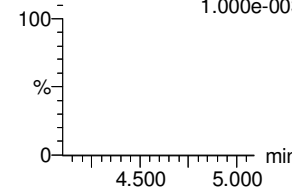
F21:MRM of 2 channels,ES-
412.8 > 169
2.045e+001



F26:MRM of 2 channels,ES-
449 > 98.7
1.000e-003

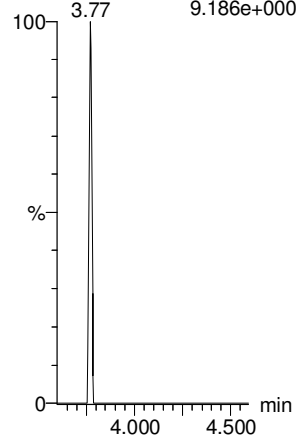


F27:MRM of 2 channels,ES-
463.0 > 219.0
1.000e-003



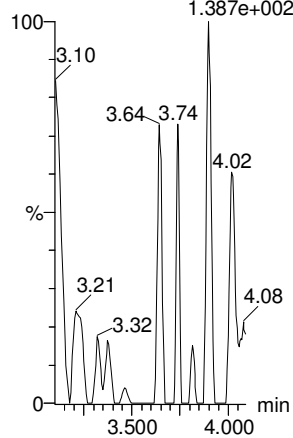
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
9.186e+000



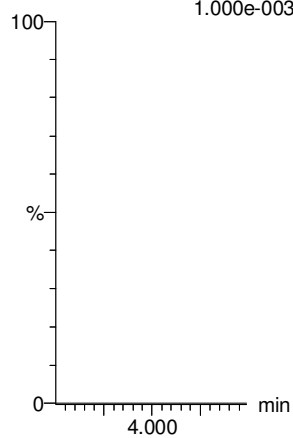
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
1.387e+002



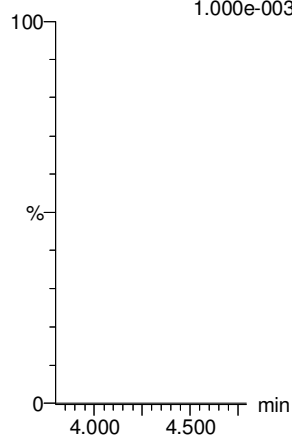
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
1.000e-003



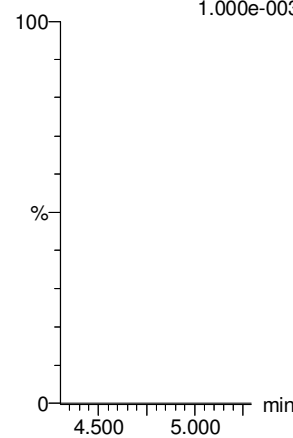
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
1.000e-003



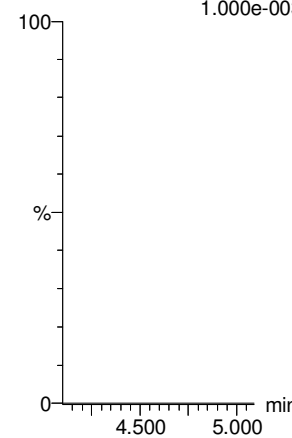
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
1.000e-003



13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
1.000e-003



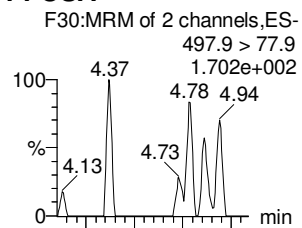
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Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

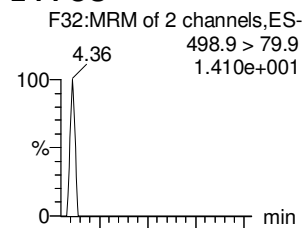
Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

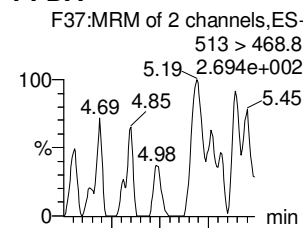
PFOSA



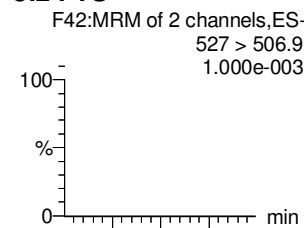
L-PFOS



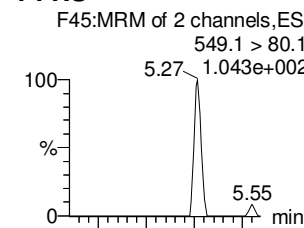
PFDA



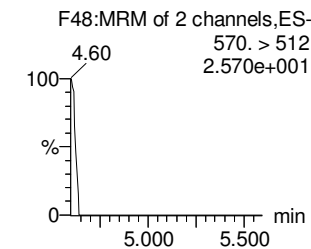
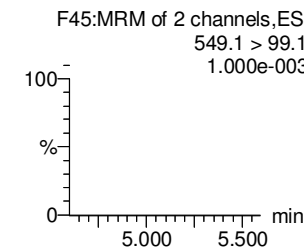
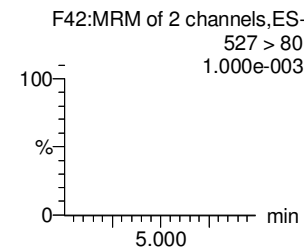
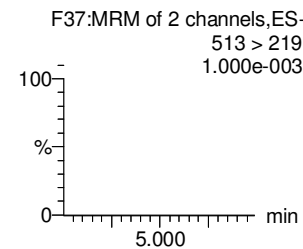
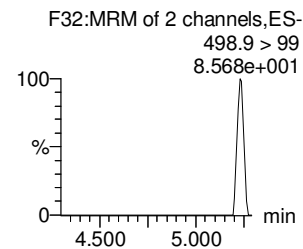
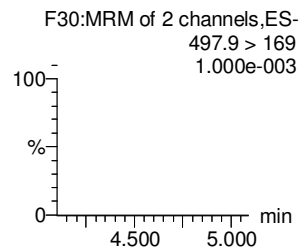
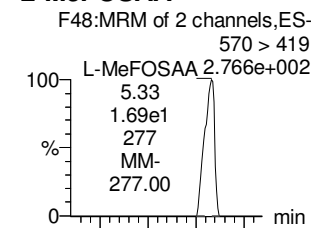
8:2 FTS



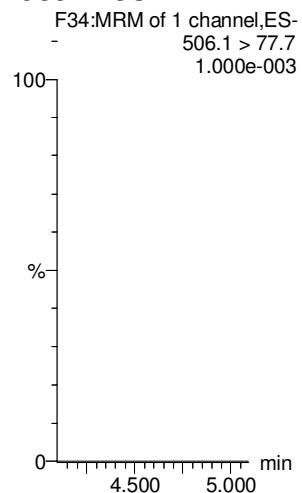
PFNS



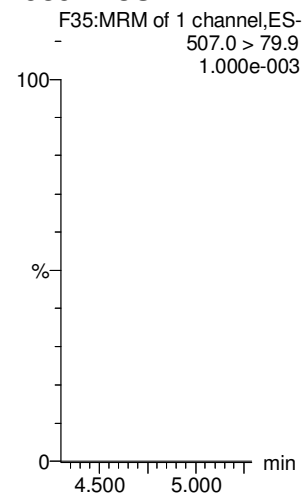
L-MeFOSAA



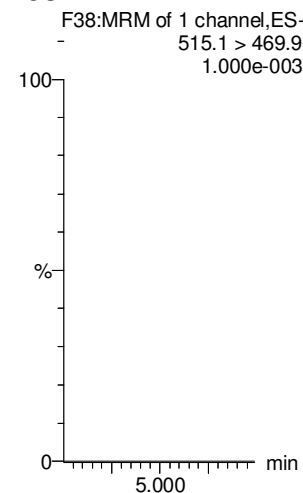
13C8-PFOA



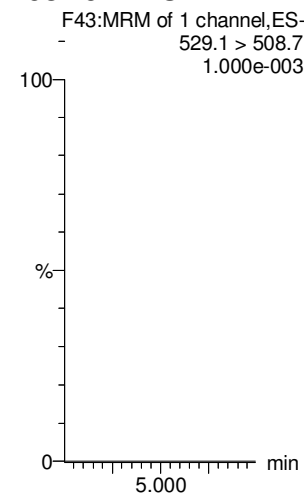
13C8-PFOS



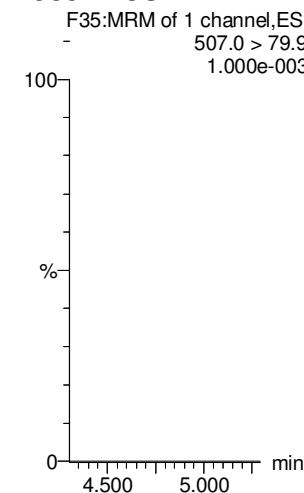
13C2-PFDA



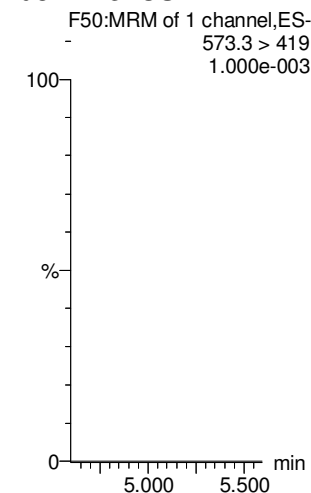
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



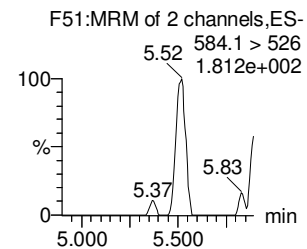
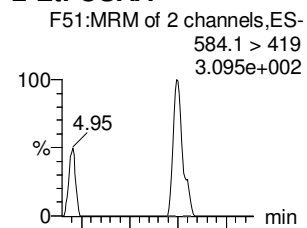
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Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

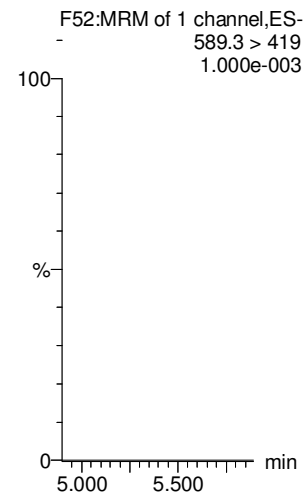
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Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

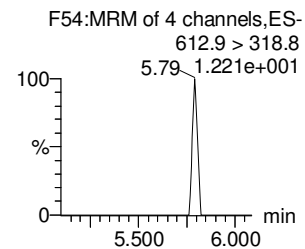
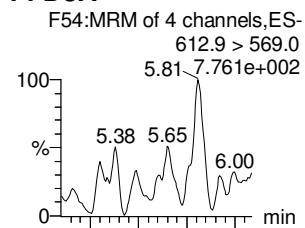
L-EtFOSAA



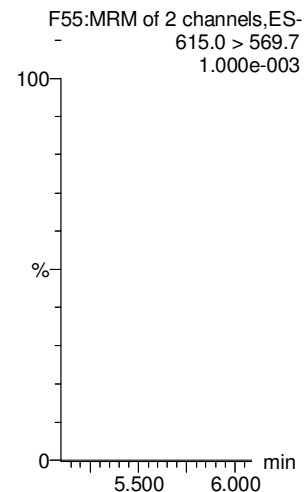
d5-N-EtFOSAA



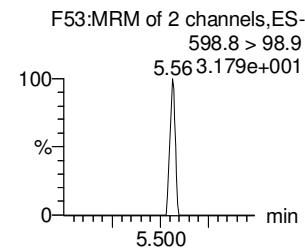
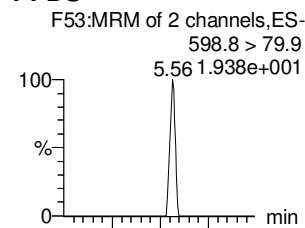
PFDoA



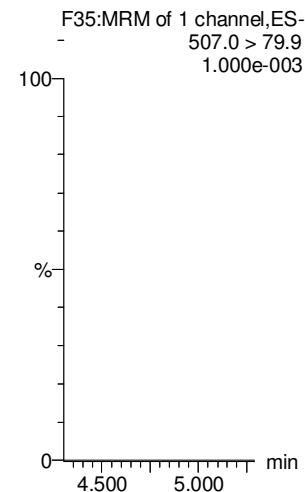
13C2-PFDoA



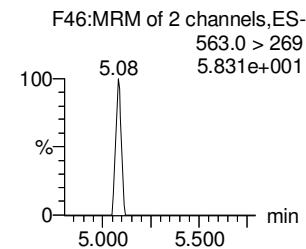
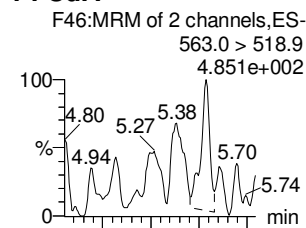
PFDS



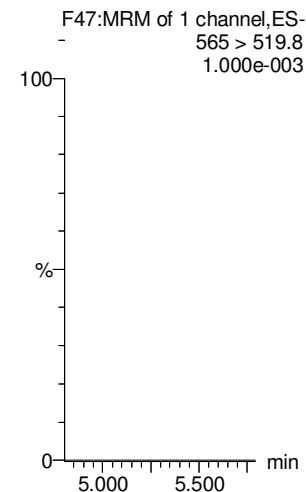
13C8-PFOS



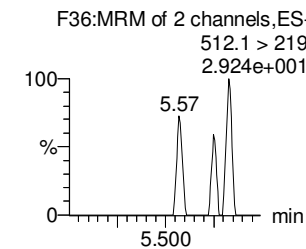
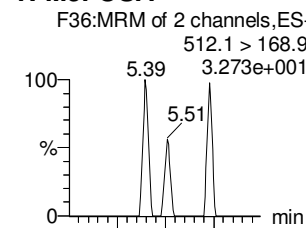
PFUdA



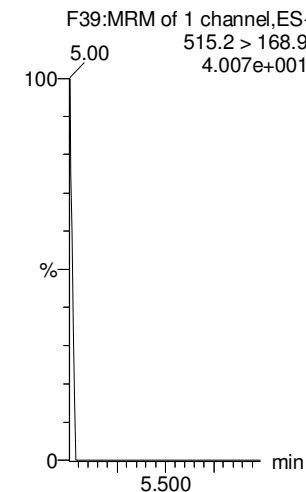
13C2-PFUdA



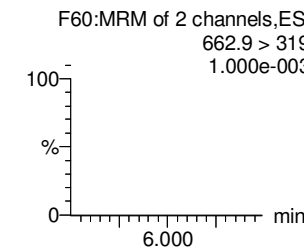
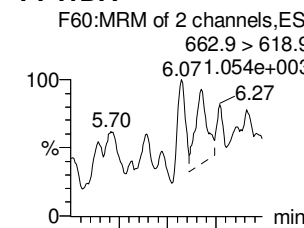
N-MeFOSA



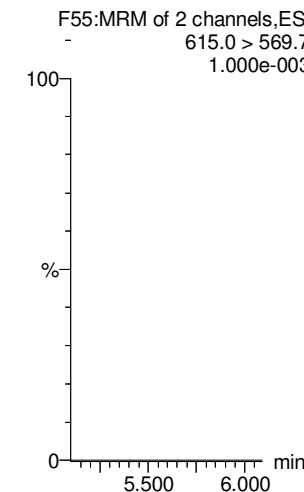
d3-N-MeFOSA



PFTrDA



13C2-PFDoA



Dataset: Untitled

Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

PFTeDA

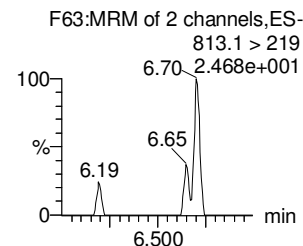
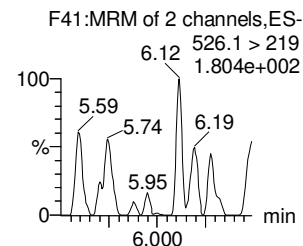
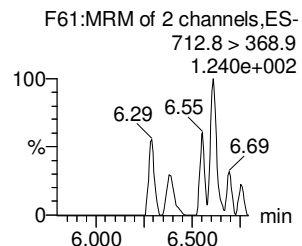
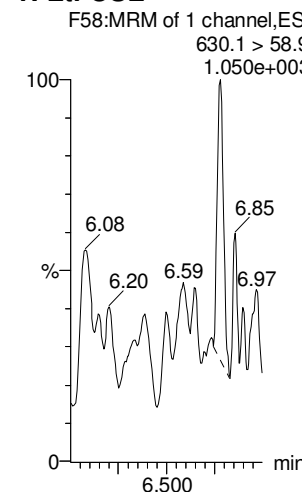
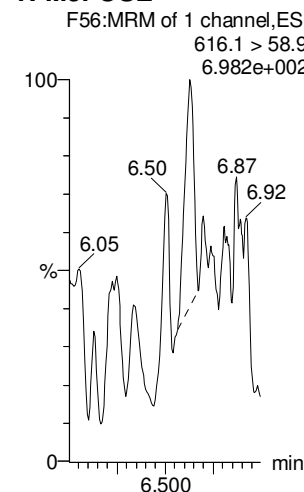
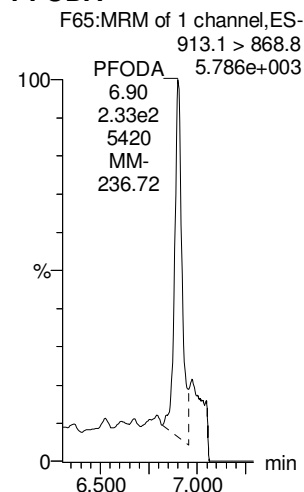
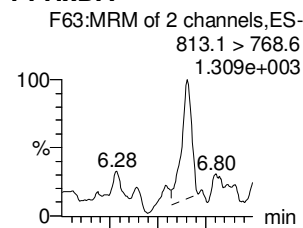
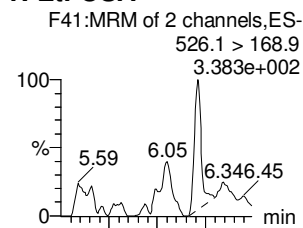
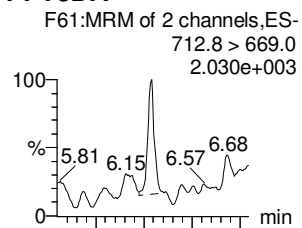
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

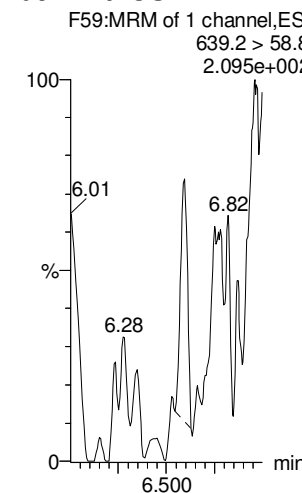
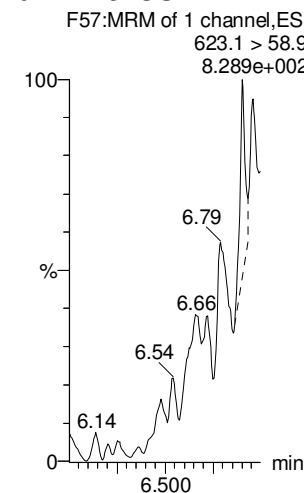
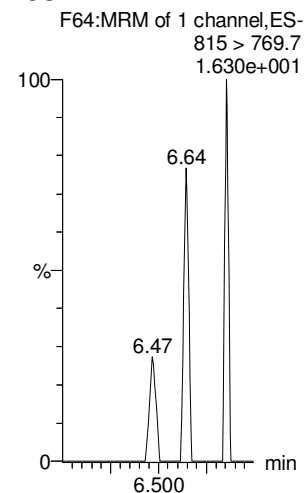
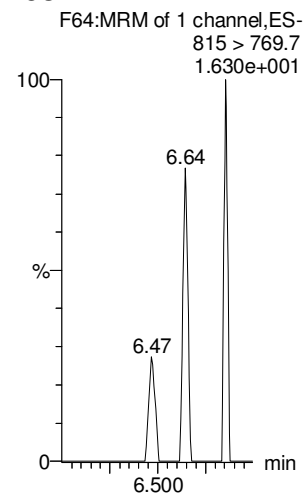
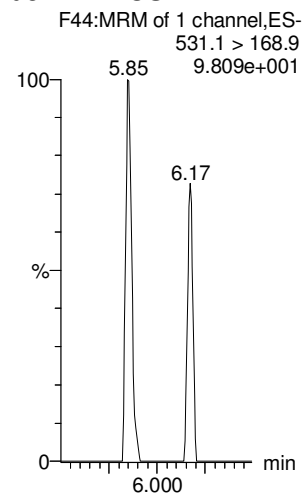
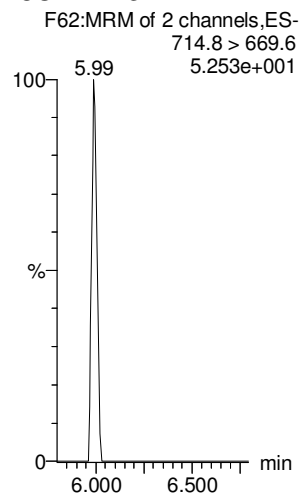
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



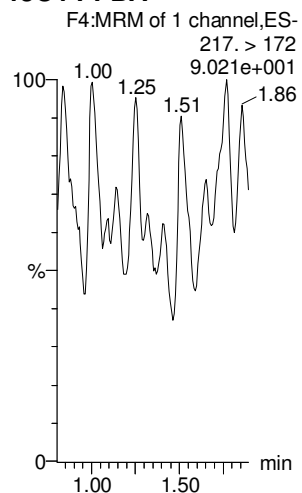
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Last Altered: Saturday, October 20, 2018 14:06:26 Pacific Daylight Time

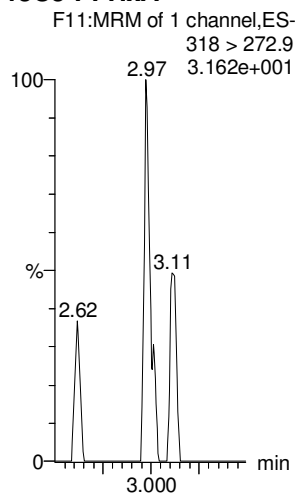
Printed: Saturday, October 20, 2018 14:06:42 Pacific Daylight Time

Name: 181019M1_12, Date: 19-Oct-2018, Time: 12:22:33, ID: IPA, Description: IPA

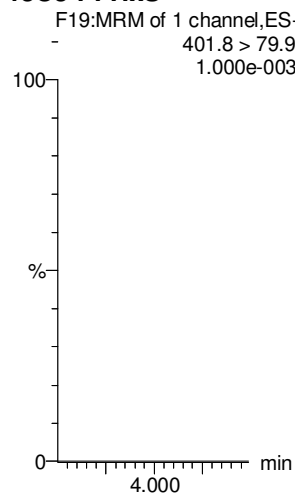
13C4-PFBA



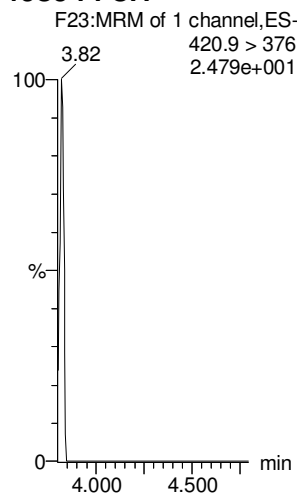
13C5-PFHxA



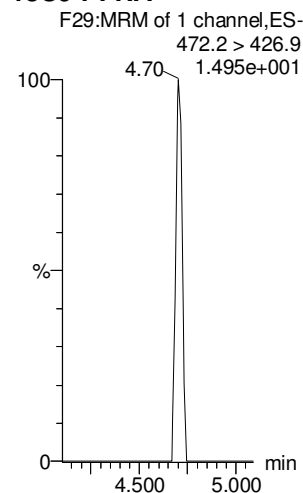
13C3-PFHxS



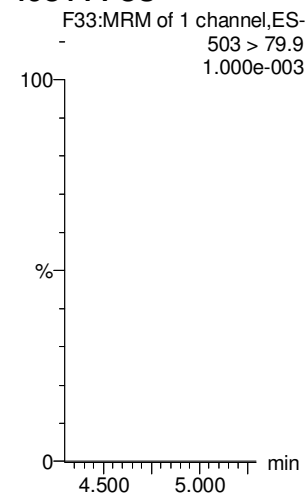
13C8-PFOA



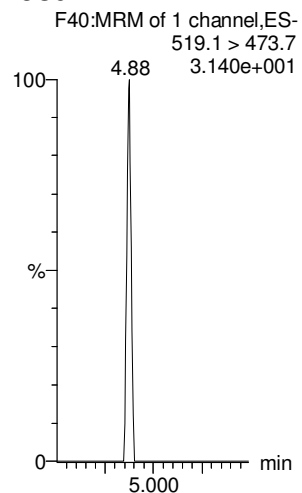
13C9-PFNA



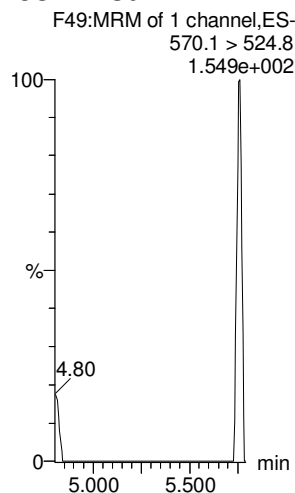
13C4-PFOS



13C6-PFDA



13C7-PFUdA



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Low pt
 PFBA = 0.5
 PFHPS
 8:2 FTS

High pt
 4:2 FTS = 100
 6:2 FTS
 8:2 FTS
 PFHPS = 250

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Compound name: PFBA

Correlation coefficient: $r = 0.999782$, $r^2 = 0.999563$

Calibration curve: $1.23195 * x + -0.174389$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

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

Van 10/20/18

Ver 10/27/18

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	0.250	1.44	80.630	6184.691	0.163	0.3	9.5	NO	1.000	NO	bbX
2	2 181026M2_3	Standard	0.500	1.43	244.159	6296.696	0.485	0.5	7.0	NO	1.000	NO	MM
3	3 181026M2_4	Standard	1.000	1.43	564.834	6325.543	1.116	1.0	4.8	NO	1.000	NO	MM
4	4 181026M2_5	Standard	2.000	1.43	1166.915	6401.704	2.279	2.0	-0.4	NO	1.000	NO	MM
5	5 181026M2_6	Standard	5.000	1.43	2885.159	6246.471	5.774	4.8	-3.4	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	1.43	5950.967	6289.302	11.828	9.7	-2.6	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	1.43	29501.934	6269.833	58.817	47.9	-4.2	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	1.43	59623.855	6280.584	118.667	96.5	-3.5	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	1.43	149720.094	5929.761	315.612	256.3	2.5	NO	1.000	NO	MM
10	10 181026M2_11	Standard	500.000	1.42	279103.375	5669.179	615.396	499.7	-0.1	NO	1.000	NO	bb

Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999963$

Calibration curve: $0.00010269 * x^2 + 0.973443 * x + 0.00419334$

Response type: Internal Std (Ref 37), 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 181026M2_2	Standard	0.250	2.66	137.503	6992.145	0.246	0.2	-0.7	NO	1.000	NO	MM
2	2 181026M2_3	Standard	0.500	2.66	303.529	7301.005	0.520	0.5	5.9	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	2.67	556.979	7367.908	0.945	1.0	-3.4	NO	1.000	NO	MM
4	4 181026M2_5	Standard	2.000	2.66	1157.870	7425.696	1.949	2.0	-0.1	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	2.67	2805.282	7399.272	4.739	4.9	-2.8	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	2.66	5694.896	7160.395	9.942	10.2	2.0	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	2.67	27680.160	7113.593	48.640	49.7	-0.6	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	2.66	54737.715	7018.849	97.483	99.1	-0.9	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	2.67	132374.156	6575.473	251.644	251.8	0.7	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	2.66	238656.781	5830.308	511.673	499.3	-0.1	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: PFBS

Coefficient of Determination: R² = 0.999984

Calibration curve: $-3.80253e-005 * x^2 + 1.98452 * x + -0.102938$

Response type: Internal Std (Ref 38), 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 181026M2_2	Standard	0.250	2.98	36.611	1035.931	0.442	0.3	9.8	NO	1.000	NO	bb
2	2 181026M2_3	Standard	0.500	2.97	68.871	1027.603	0.838	0.5	-5.2	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	2.99	146.883	1012.801	1.813	1.0	-3.5	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	2.98	332.268	1048.091	3.963	2.0	2.4	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	2.99	802.689	1038.630	9.660	4.9	-1.6	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	2.98	1618.704	1047.070	19.324	9.8	-2.1	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	2.99	7816.917	990.285	98.670	49.8	-0.4	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	2.98	14974.355	941.427	198.825	100.4	0.4	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	2.99	36487.367	923.260	494.002	250.2	0.1	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	2.98	66377.797	844.629	982.351	499.8	-0.0	NO	1.000	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.998897

Calibration curve: $-0.00291608 * x^2 + 1.0972 * x + -0.0550911$

Response type: Internal Std (Ref 39), 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 181026M2_2	Standard	0.250	3.43	19.047	1630.252	0.146	0.2	-26.6	NO	0.999	NO	bb
2	2 181026M2_3	Standard	0.500	3.44	63.434	1733.139	0.458	0.5	-6.4	NO	0.999	NO	bb
3	3 181026M2_4	Standard	1.000	3.45	169.898	1629.494	1.303	1.2	24.2	NO	0.999	NO	bb
4	4 181026M2_5	Standard	2.000	3.45	318.339	1675.552	2.375	2.2	11.4	NO	0.999	NO	bb
5	5 181026M2_6	Standard	5.000	3.45	693.151	1644.804	5.268	4.9	-1.7	NO	0.999	NO	bb
6	6 181026M2_7	Standard	10.000	3.44	1404.151	1647.308	10.655	10.0	0.3	NO	0.999	NO	bb
7	7 181026M2_8	Standard	50.000	3.45	6637.909	1771.386	46.841	49.2	-1.7	NO	0.999	NO	bb
8	8 181026M2_9	Standard	100.000	3.44	12074.207	1867.103	80.835	100.6	0.6	NO	0.999	NO	bb
9	9 181026M2_10	Standard	250.000	3.45	28257.426	2530.990	139.557			NO	0.999	NO	bbXI
10	10 181026M2_11	Standard	500.000	3.44	50438.164	3154.817	199.846			NO	0.999	NO	bbXI

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: PFHxA

Coefficient of Determination: R² = 0.999924

Calibration curve: $-5.18124e-005 * x^2 + 0.910025 * x + 0.020046$

Response type: Internal Std (Ref 40), 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 181026M2_2	Standard	0.250	3.53	221.571	4644.648	0.239	0.2	-4.0	NO	1.000	NO	MM
2	2 181026M2_3	Standard	0.500	3.52	476.215	4877.098	0.488	0.5	2.9	NO	1.000	NO	MM
3	3 181026M2_4	Standard	1.000	3.54	926.441	4828.412	0.959	1.0	3.2	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	3.53	1931.564	4975.459	1.941	2.1	5.6	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	3.54	4314.474	4765.214	4.527	5.0	-0.9	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	3.53	9300.657	4983.055	9.332	10.2	2.4	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	3.54	44716.758	4874.891	45.864	50.5	1.0	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	3.53	85582.352	4820.291	88.773	98.1	-1.9	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	3.54	210619.266	4668.054	225.596	251.5	0.6	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	3.53	383831.281	4344.735	441.720	499.6	-0.1	NO	1.000	NO	bb

Compound name: PFPeS

Coefficient of Determination: R² = 0.999872

Calibration curve: $-0.00019592 * x^2 + 1.82345 * x + -0.139134$

Response type: Internal Std (Ref 38), 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 181026M2_2	Standard	0.250	3.73	31.724	1035.931	0.383	0.3	14.5	NO	1.000	NO	bb
2	2 181026M2_3	Standard	0.500	3.73	55.148	1027.603	0.671	0.4	-11.2	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	3.74	141.680	1012.801	1.749	1.0	3.5	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	3.74	304.175	1048.091	3.628	2.1	3.3	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	3.74	680.369	1038.630	8.188	4.6	-8.6	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	3.74	1455.924	1047.070	17.381	9.6	-3.8	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	3.74	7304.921	990.285	92.207	50.9	1.8	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	3.74	13714.288	941.427	182.094	101.0	1.0	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	3.74	32509.582	923.260	440.147	248.1	-0.8	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	3.74	58364.465	844.629	863.759	500.7	0.1	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: PFHpA

Correlation coefficient: $r = 0.999807$, $r^2 = 0.999614$

Calibration curve: $1.38465 * x + -0.0200987$

Response type: Internal Std (Ref 41), 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 181026M2_2	Standard	0.250	4.16	173.191	5637.425	0.384	0.3	16.7	NO	1.000	NO	MM
2	2 181026M2_3	Standard	0.500	4.15	322.725	6121.023	0.659	0.5	-1.9	NO	1.000	NO	MM
3	3 181026M2_4	Standard	1.000	4.17	661.837	6107.617	1.355	1.0	-0.7	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	4.17	1332.607	6151.114	2.708	2.0	-1.5	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	4.17	3125.008	6018.881	6.490	4.7	-6.0	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	4.17	6656.142	6107.949	13.622	9.9	-1.5	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	4.17	29740.449	5526.591	67.267	48.6	-2.8	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	4.17	60602.563	5729.230	132.222	95.5	-4.5	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	4.17	145376.813	5162.349	352.012	254.2	1.7	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	4.17	260412.563	4682.155	695.226	502.1	0.4	NO	1.000	NO	bb

Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999220$

Calibration curve: $0.000382319 * x^2 + 1.68684 * x + -0.0930833$

Response type: Internal Std (Ref 42), 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 181026M2_2	Standard	0.250	4.27	14.795	844.626	0.219	0.2	-26.0	NO	0.999	NO	MM
2	2 181026M2_3	Standard	0.500	4.28	58.015	772.380	0.939	0.6	22.3	NO	0.999	NO	MM
3	3 181026M2_4	Standard	1.000	4.30	102.005	831.099	1.534	1.0	-3.6	NO	0.999	NO	MM
4	4 181026M2_5	Standard	2.000	4.29	209.068	883.327	2.959	1.8	-9.6	NO	0.999	NO	MM
5	5 181026M2_6	Standard	5.000	4.30	620.174	847.847	9.143	5.5	9.4	NO	0.999	NO	MM
6	6 181026M2_7	Standard	10.000	4.29	1191.588	820.644	18.150	10.8	7.9	NO	0.999	NO	MM
7	7 181026M2_8	Standard	50.000	4.30	5695.858	866.537	82.164	48.2	-3.5	NO	0.999	NO	MM
8	8 181026M2_9	Standard	100.000	4.29	11424.623	784.684	181.994	105.4	5.4	NO	0.999	NO	MM
9	9 181026M2_10	Standard	250.000	4.30	27185.369	786.477	432.075	242.8	-2.9	NO	0.999	NO	MM
10	10 181026M2_11	Standard	500.000	4.29	48917.660	647.758	943.980	502.5	0.5	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.998426$

Calibration curve: $-0.00442668 * x^2 + 1.39066 * x + -0.0358781$

Response type: Internal Std (Ref 43), 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 181026M2_2	Standard	0.250	4.57	28.289	1443.377	0.245	0.2	-19.2	NO	0.998	NO	bb
2	2 181026M2_3	Standard	0.500	4.57	65.658	1402.889	0.585	0.4	-10.6	NO	0.998	NO	bb
3	3 181026M2_4	Standard	1.000	4.59	156.813	1304.605	1.502	1.1	11.0	NO	0.998	NO	bb
4	4 181026M2_5	Standard	2.000	4.58	350.292	1358.960	3.222	2.4	18.0	NO	0.998	NO	bb
5	5 181026M2_6	Standard	5.000	4.59	700.637	1354.455	6.466	4.7	-5.1	NO	0.998	NO	bb
6	6 181026M2_7	Standard	10.000	4.58	1512.673	1496.068	12.639	9.4	-6.0	NO	0.998	NO	bb
7	7 181026M2_8	Standard	50.000	4.59	7223.521	1517.360	59.507	51.1	2.3	NO	0.998	NO	bb
8	8 181026M2_9	Standard	100.000	4.58	13724.780	1819.098	94.310	99.1	-0.9	NO	0.998	NO	bb
9	9 181026M2_10	Standard	250.000	4.59	33126.355	2398.930	172.610			NO	0.998	NO	bbXI
10	10 181026M2_11	Standard	500.000	4.59	60552.379	3350.169	225.930			NO	0.998	NO	bbXI

Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999255$

Calibration curve: $-0.000202168 * x^2 + 1.4975 * x + 0.067566$

Response type: Internal Std (Ref 44), 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 181026M2_2	Standard	0.250	4.63	321.729	8748.829	0.460	0.3	4.7	NO	0.999	NO	bb
2	2 181026M2_3	Standard	0.500	4.63	662.798	9793.098	0.846	0.5	4.0	NO	0.999	NO	bb
3	3 181026M2_4	Standard	1.000	4.64	1334.858	9720.152	1.717	1.1	10.1	NO	0.999	NO	MM
4	4 181026M2_5	Standard	2.000	4.64	2207.327	9928.063	2.779	1.8	-9.4	NO	0.999	NO	MM
5	5 181026M2_6	Standard	5.000	4.65	5337.913	9597.350	6.952	4.6	-8.0	NO	0.999	NO	bb
6	6 181026M2_7	Standard	10.000	4.63	11719.107	9580.257	15.291	10.2	1.8	NO	0.999	NO	bb
7	7 181026M2_8	Standard	50.000	4.64	56456.359	9663.022	73.031	49.0	-1.9	NO	0.999	NO	bb
8	8 181026M2_9	Standard	100.000	4.64	109148.078	9645.474	141.450	95.6	-4.4	NO	0.999	NO	bb
9	9 181026M2_10	Standard	250.000	4.64	254453.781	8474.762	375.311	259.7	3.9	NO	0.999	NO	bb
10	10 181026M2_11	Standard	500.000	4.63	478784.500	8636.934	692.932	495.9	-0.8	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.997663$

Calibration curve: $-0.000290238 * x^2 + 0.948966 * x + -0.161397$

Response type: Internal Std (Ref 47), 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 181026M2_2	Standard	0.250	4.73	31.095	2206.044	0.176	0.4	42.3	YES	0.998	NO	bbX
2	2 181026M2_3	Standard	0.500	4.73	34.507	2142.006	0.201	0.4	-23.5	NO	0.998	NO	MM
3	3 181026M2_4	Standard	1.000	4.74	176.536	2155.994	1.024	1.2	24.9	NO	0.998	NO	bb
4	4 181026M2_5	Standard	2.000	4.75	314.788	2172.094	1.812	2.1	4.0	NO	0.998	NO	bb
5	5 181026M2_6	Standard	5.000	4.75	777.803	2113.399	4.600	5.0	0.5	NO	0.998	NO	bb
6	6 181026M2_7	Standard	10.000	4.74	1536.654	2116.434	9.076	9.8	-2.4	NO	0.998	NO	bb
7	7 181026M2_8	Standard	50.000	4.75	7556.000	2228.627	42.380	45.5	-9.1	NO	0.998	NO	bb
8	8 181026M2_9	Standard	100.000	4.74	15324.240	1966.805	97.393	106.3	6.3	NO	0.998	NO	bb
9	9 181026M2_10	Standard	250.000	4.75	34545.973	1984.859	217.559	248.3	-0.7	NO	0.998	NO	bb
10	10 181026M2_11	Standard	500.000	4.74	60950.898	1722.046	442.431	563.5	12.7	NO	0.998	NO	bbX

Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999917$

Calibration curve: $3.35117e-007 * x^2 + 1.23684 * x + -0.0421891$

Response type: Internal Std (Ref 45), 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 181026M2_2	Standard	0.250	5.05	160.514	8348.550	0.240	0.2	-8.6	NO	1.000	NO	MM
2	2 181026M2_3	Standard	0.500	5.05	453.140	8472.833	0.669	0.6	14.9	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	5.07	829.209	8518.451	1.217	1.0	1.8	NO	1.000	NO	MM
4	4 181026M2_5	Standard	2.000	5.07	1749.511	9350.323	2.339	1.9	-3.7	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	5.07	4241.562	9208.055	5.758	4.7	-6.2	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	5.07	8828.711	8911.805	12.383	10.0	0.5	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	5.07	42269.977	8347.992	63.294	51.2	2.4	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	5.07	82737.383	8450.190	122.390	99.0	-1.0	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	5.07	190826.422	7715.359	309.166	250.0	-0.0	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	5.07	340202.531	6874.711	618.576	500.1	0.0	NO	1.000	NO	bb

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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999854$
 Calibration curve: $0.000283242 * x^2 + 1.12872 * x - 0.0438286$
 Response type: Internal Std (Ref 46), 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 181026M2_2	Standard	0.250	5.09	44.709	2698.842	0.207	0.2	-11.1	NO	1.000	NO	bb
2	2 181026M2_3	Standard	0.500	5.09	127.513	2620.528	0.608	0.6	15.5	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	5.11	215.663	2553.429	1.056	1.0	-2.6	NO	1.000	NO	bd
4	4 181026M2_5	Standard	2.000	5.11	528.079	2783.124	2.372	2.1	6.9	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	5.11	1137.433	2632.167	5.402	4.8	-3.6	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	5.11	2393.370	2787.136	10.734	9.5	-4.7	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	5.11	11610.726	2532.237	57.315	50.2	0.4	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	5.11	23601.520	2601.209	113.416	98.1	-1.9	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	5.11	56948.043	2340.553	304.138	253.4	1.4	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	5.11	101846.305	2009.860	633.417	498.8	-0.2	NO	1.000	NO	bb

Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999110$
 Calibration curve: $0.000150191 * x^2 + 1.05182 * x - 0.0120711$
 Response type: Internal Std (Ref 47), 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 181026M2_2	Standard	0.250	5.13	40.754	2206.044	0.231	0.2	-7.6	NO	0.999	NO	MM
2	2 181026M2_3	Standard	0.500	5.14	92.563	2142.006	0.540	0.5	5.0	NO	0.999	NO	MM
3	3 181026M2_4	Standard	1.000	5.15	148.608	2155.994	0.862	0.8	-16.9	NO	0.999	NO	MM
4	4 181026M2_5	Standard	2.000	5.15	397.035	2172.094	2.285	2.2	9.2	NO	0.999	NO	MM
5	5 181026M2_6	Standard	5.000	5.15	904.516	2113.399	5.350	5.1	1.9	NO	0.999	NO	MM
6	6 181026M2_7	Standard	10.000	5.15	1885.223	2116.434	11.134	10.6	5.8	NO	0.999	NO	MM
7	7 181026M2_8	Standard	50.000	5.15	8830.604	2228.627	49.529	46.8	-6.4	NO	0.999	NO	MM
8	8 181026M2_9	Standard	100.000	5.15	17883.021	1966.805	113.655	106.4	6.4	NO	0.999	NO	MM
9	9 181026M2_10	Standard	250.000	5.15	42219.520	1984.859	265.885	244.3	-2.3	NO	0.999	NO	MM
10	10 181026M2_11	Standard	500.000	5.15	77919.563	1722.046	565.603	501.8	0.4	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: PFDA

Coefficient of Determination: R² = 0.999017

Calibration curve: 6.4691e-006 * x² + 1.38938 * x + -0.0795394

Response type: Internal Std (Ref 48), 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 181026M2_2	Standard	0.250	5.42	193.057	8196.958	0.294	0.3	7.7	NO	0.999	NO	MM
2	2 181026M2_3	Standard	0.500	5.42	465.738	8412.365	0.692	0.6	11.1	NO	0.999	NO	MM
3	3 181026M2_4	Standard	1.000	5.44	663.761	7810.813	1.062	0.8	-17.8	NO	0.999	NO	bb
4	4 181026M2_5	Standard	2.000	5.44	1949.304	8660.432	2.814	2.1	4.1	NO	0.999	NO	bb
5	5 181026M2_6	Standard	5.000	5.44	4759.375	8506.063	6.994	5.1	1.8	NO	0.999	NO	bb
6	6 181026M2_7	Standard	10.000	5.43	9649.294	8880.647	13.582	9.8	-1.7	NO	0.999	NO	bb
7	7 181026M2_8	Standard	50.000	5.44	45655.656	8584.293	66.481	47.9	-4.2	NO	0.999	NO	bb
8	8 181026M2_9	Standard	100.000	5.43	82584.828	7786.407	132.579	95.4	-4.6	NO	0.999	NO	bb
9	9 181026M2_10	Standard	250.000	5.44	194767.453	6700.444	363.348	261.3	4.5	NO	0.999	NO	bb
10	10 181026M2_11	Standard	500.000	5.43	378757.719	6862.049	689.950	495.5	-0.9	NO	0.999	NO	bb

Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.999341

Calibration curve: -0.00153892 * x² + 1.39002 * x + 0.555912

Response type: Internal Std (Ref 49), 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 181026M2_2	Standard	0.250	5.39	48.951	1325.172	0.462			NO	0.999	NO	bbXI
2	2 181026M2_3	Standard	0.500	5.39	115.235	1081.778	1.332	0.6	11.7	NO	0.999	NO	bb
3	3 181026M2_4	Standard	1.000	5.41	157.844	1121.221	1.760	0.9	-13.3	NO	0.999	NO	bb
4	4 181026M2_5	Standard	2.000	5.41	295.277	1041.147	3.545	2.2	7.8	NO	0.999	NO	bb
5	5 181026M2_6	Standard	5.000	5.41	624.770	1142.196	6.837	4.5	-9.2	NO	0.999	NO	bb
6	6 181026M2_7	Standard	10.000	5.41	1408.788	1200.898	14.664	10.3	2.7	NO	0.999	NO	bb
7	7 181026M2_8	Standard	50.000	5.41	6520.850	1225.018	66.538	50.3	0.5	NO	0.999	NO	bb
8	8 181026M2_9	Standard	100.000	5.41	12508.768	1260.997	123.997	99.8	-0.2	NO	0.999	NO	bb
9	9 181026M2_10	Standard	250.000	5.41	28821.918	1858.537	193.848	171.7	-31.3	YES	0.999	NO	bbX
10	10 181026M2_11	Standard	500.000	5.40	54156.488	2705.830	250.184	247.3	-50.5	YES	0.999	NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: PFNS

Coefficient of Determination: R² = 0.998522
 Calibration curve: 4.0796e-005 * x² + 0.751259 * x + 0.0183299
 Response type: Internal Std (Ref 47), 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 181026M2_2	Standard	0.250	5.48	44.589	2206.044	0.253	0.3	24.8	NO	0.999	NO	bb
2	2 181026M2_3	Standard	0.500	5.49	56.841	2142.006	0.332	0.4	-16.6	NO	0.999	NO	bb
3	3 181026M2_4	Standard	1.000	5.49	115.446	2155.994	0.669	0.9	-13.3	NO	0.999	NO	bb
4	4 181026M2_5	Standard	2.000	5.49	272.687	2172.094	1.569	2.1	3.2	NO	0.999	NO	bb
5	5 181026M2_6	Standard	5.000	5.50	586.290	2113.399	3.468	4.6	-8.2	NO	0.999	NO	bb
6	6 181026M2_7	Standard	10.000	5.49	1344.618	2116.434	7.942	10.5	5.4	NO	0.999	NO	bb
7	7 181026M2_8	Standard	50.000	5.49	6840.941	2228.627	38.370	50.9	1.8	NO	0.999	NO	bb
8	8 181026M2_9	Standard	100.000	5.49	12736.766	1966.805	80.948	107.1	7.1	NO	0.999	NO	bb
9	9 181026M2_10	Standard	250.000	5.49	28655.352	1984.859	180.462	237.1	-5.1	NO	0.999	NO	bb
10	10 181026M2_11	Standard	500.000	5.49	53680.254	1722.046	389.655	504.8	1.0	NO	0.999	NO	bb

Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.999638
 Calibration curve: -0.000759307 * x² + 2.7228 * x + -0.196175
 Response type: Internal Std (Ref 50), 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 181026M2_2	Standard	0.250	5.57	69.746	1796.496	0.485	0.3	0.1	NO	1.000	NO	MM
2	2 181026M2_3	Standard	0.500	5.57	168.977	1890.552	1.117	0.5	-3.5	NO	1.000	NO	MM
3	3 181026M2_4	Standard	1.000	5.58	325.338	1918.318	2.120	0.9	-14.9	NO	1.000	NO	MM
4	4 181026M2_5	Standard	2.000	5.58	764.153	1847.256	5.171	2.0	-1.4	NO	1.000	NO	MM
5	5 181026M2_6	Standard	5.000	5.59	1808.795	1945.117	11.624	4.3	-13.1	NO	1.000	NO	MM
6	6 181026M2_7	Standard	10.000	5.58	3764.785	1682.401	27.972	10.4	3.8	NO	1.000	NO	MM
7	7 181026M2_8	Standard	50.000	5.59	18367.588	1687.356	136.068	50.8	1.5	NO	1.000	NO	MM
8	8 181026M2_9	Standard	100.000	5.58	36374.109	1763.734	257.792	97.4	-2.6	NO	1.000	NO	MM
9	9 181026M2_10	Standard	250.000	5.59	82999.078	1614.258	642.703	254.1	1.7	NO	1.000	NO	MM
10	10 181026M2_11	Standard	500.000	5.58	159145.063	1703.638	1167.685	498.1	-0.4	NO	1.000	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:43:19 Pacific Daylight Time

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999175

Calibration curve: $-8.20168e-005 * x^2 + 1.48567 * x + -0.138939$

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 181026M2_2	Standard	0.250	5.72	70.182	2945.653	0.298	0.3	17.6	NO	0.999	NO	MM
2	2 181026M2_3	Standard	0.500	5.72	127.460	2867.985	0.556	0.5	-6.5	NO	0.999	NO	MM
3	3 181026M2_4	Standard	1.000	5.74	261.662	2777.131	1.178	0.9	-11.4	NO	0.999	NO	MM
4	4 181026M2_5	Standard	2.000	5.74	637.069	2536.927	3.139	2.2	10.3	NO	0.999	NO	MM
5	5 181026M2_6	Standard	5.000	5.74	1585.464	2776.033	7.139	4.9	-2.0	NO	0.999	NO	MM
6	6 181026M2_7	Standard	10.000	5.74	3039.499	2655.475	14.308	9.7	-2.7	NO	0.999	NO	MM
7	7 181026M2_8	Standard	50.000	5.74	15086.350	2713.869	69.487	47.0	-6.0	NO	0.999	NO	MM
8	8 181026M2_9	Standard	100.000	5.74	28978.406	2516.733	143.929	97.5	-2.5	NO	0.999	NO	MM
9	9 181026M2_10	Standard	250.000	5.74	68069.078	2234.267	380.824	260.2	4.1	NO	0.999	NO	MM
10	10 181026M2_11	Standard	500.000	5.73	123069.648	2148.432	716.043	495.6	-0.9	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Compound name: PFUDa

Coefficient of Determination: R² = 0.999883

Calibration curve: -0.000178294 * x² + 0.989866 * x + 0.0261185

Response type: Internal Std (Ref 51), 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 181026M2_2	Standard	0.250	5.74	264.664	11197.168	0.295	0.3	8.8	NO	1.000	NO	bb
2	2 181026M2_3	Standard	0.500	5.74	413.876	11911.912	0.434	0.4	-17.5	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	5.75	956.486	10916.529	1.095	1.1	8.0	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	5.75	1795.814	11351.616	1.977	2.0	-1.4	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	5.75	4641.576	11308.644	5.131	5.2	3.2	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	5.75	9060.009	11501.567	9.846	9.9	-0.6	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	5.75	44057.813	11158.167	49.356	50.3	0.6	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	5.75	81559.086	10695.182	95.322	98.0	-2.0	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	5.75	194395.156	10178.958	238.722	252.6	1.1	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	5.75	359793.625	10004.219	449.552	499.0	-0.2	NO	1.000	NO	bb

Compound name: PFDS

Coefficient of Determination: R² = 0.999723

Calibration curve: 5.40153e-005 * x² + 1.03781 * x + 0.081602

Response type: Internal Std (Ref 47), 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 181026M2_2	Standard	0.250	5.78	58.777	2206.044	0.333	0.2	-3.1	NO	1.000	NO	bb
2	2 181026M2_3	Standard	0.500	5.79	105.888	2142.006	0.618	0.5	3.4	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	5.80	187.172	2155.994	1.085	1.0	-3.3	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	5.79	375.219	2172.094	2.159	2.0	0.1	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	5.80	862.469	2113.399	5.101	4.8	-3.3	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	5.79	1884.457	2116.434	11.130	10.6	6.4	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	5.80	9098.199	2228.627	51.030	49.0	-2.1	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	5.79	16969.422	1966.805	107.849	103.3	3.3	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	5.80	41033.375	1984.859	258.415	245.8	-1.7	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	5.79	73585.648	1722.046	534.144	501.5	0.3	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: PFDoA

Coefficient of Determination: R² = 0.999937

Calibration curve: -0.000260768 * x² + 1.28996 * x + 1.33839

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 181026M2_2	Standard	0.250	5.99	1514.749	11514.720	1.644	0.2	-5.1	NO	1.000	NO	bb
2	2 181026M2_3	Standard	0.500	6.00	1890.053	12104.149	1.952	0.5	-4.9	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	6.02	2340.763	10944.894	2.673	1.0	3.5	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	6.02	3773.327	11390.981	4.141	2.2	8.7	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	6.03	6686.863	11268.681	7.418	4.7	-5.7	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	6.02	13463.402	11470.818	14.671	10.4	3.6	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	6.03	58272.438	11180.748	65.148	50.0	-0.1	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	6.02	104628.492	10219.406	127.978	100.2	0.2	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	6.03	244384.656	9964.319	306.575	249.2	-0.3	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	6.02	447672.750	9622.390	581.551	500.4	0.1	NO	1.000	NO	bb

Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999566

Calibration curve: -3.15645e-005 * x² + 1.08284 * x + -0.197057

Response type: Internal Std (Ref 54), 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 181026M2_2	Standard	1.250	5.96	56.814	10851.412	0.785	0.9	-27.4	NO	1.000	NO	bb
2	2 181026M2_3	Standard	2.500	5.97	191.287	10232.115	2.804	2.8	10.9	NO	1.000	NO	bb
3	3 181026M2_4	Standard	5.000	5.98	321.217	9943.123	4.846	4.7	-6.8	NO	1.000	NO	bb
4	4 181026M2_5	Standard	10.000	5.97	788.667	9885.813	11.967	11.2	12.4	NO	1.000	NO	bb
5	5 181026M2_6	Standard	25.000	5.98	1731.702	9871.220	26.314	24.5	-2.0	NO	1.000	NO	bb
6	6 181026M2_7	Standard	50.000	5.97	3546.912	9833.546	54.104	50.2	0.4	NO	1.000	NO	bb
7	7 181026M2_8	Standard	250.000	5.98	17055.580	9543.293	268.077	249.6	-0.2	NO	1.000	NO	bb
8	8 181026M2_9	Standard	500.000	5.97	31392.842	9176.551	513.148	480.8	-3.8	NO	1.000	NO	bb
9	9 181026M2_10	Standard	1250.000	5.98	78671.016	8832.859	1335.995	1281.9	2.5	NO	1.000	NO	bb
10	10 181026M2_11	Standard	2500.000	5.97	141879.266	8520.499	2497.728	2487.1	-0.5	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: PFTrDA

Coefficient of Determination: R² = 0.999383

Calibration curve: -0.000441338 * x² + 1.65056 * x + -0.0130641

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 181026M2_2	Standard	0.250	6.25	404.696	11514.720	0.439	0.3	9.6	NO	0.999	NO	MM
2	2 181026M2_3	Standard	0.500	6.26	813.622	12104.149	0.840	0.5	3.4	NO	0.999	NO	MM
3	3 181026M2_4	Standard	1.000	6.26	1435.891	10944.894	1.640	1.0	0.2	NO	0.999	NO	MM
4	4 181026M2_5	Standard	2.000	6.26	3002.291	11390.981	3.295	2.0	0.3	NO	0.999	NO	bb
5	5 181026M2_6	Standard	5.000	6.27	7207.625	11268.681	7.995	4.9	-2.8	NO	0.999	NO	bb
6	6 181026M2_7	Standard	10.000	6.26	14059.224	11470.818	15.321	9.3	-6.9	NO	0.999	NO	bb
7	7 181026M2_8	Standard	50.000	6.26	68781.141	11180.748	76.897	47.2	-5.6	NO	0.999	NO	bb
8	8 181026M2_9	Standard	100.000	6.26	130389.883	10219.406	159.488	99.3	-0.7	NO	0.999	NO	bb
9	9 181026M2_10	Standard	250.000	6.26	316873.313	9964.319	397.510	258.7	3.5	NO	0.999	NO	bb
10	10 181026M2_11	Standard	500.000	6.26	546091.813	9622.390	709.403	495.4	-0.9	NO	0.999	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R² = 0.999886

Calibration curve: -0.000341618 * x² + 1.73242 * x + 0.144629

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 181026M2_2	Standard	0.250	6.46	371.147	7923.806	0.585	0.3	1.8	NO	1.000	NO	MM
2	2 181026M2_3	Standard	0.500	6.46	751.425	9245.496	1.016	0.5	0.6	NO	1.000	NO	db
3	3 181026M2_4	Standard	1.000	6.47	1436.901	9405.037	1.910	1.0	1.9	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	6.48	2733.893	9650.557	3.541	2.0	-1.9	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	6.48	7109.361	9814.780	9.054	5.1	3.0	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	6.47	12922.834	9847.568	16.404	9.4	-6.0	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	6.47	67839.023	9726.109	87.187	50.8	1.5	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	6.47	125616.594	9378.688	167.423	98.5	-1.5	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	6.47	303967.656	9150.477	415.235	252.1	0.9	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	6.47	542282.125	8693.956	779.683	499.1	-0.2	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999007$

Calibration curve: $-4.4577e-005 * x^2 + 0.873458 * x + -0.16703$

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 181026M2_2	Standard	1.250	6.40	90.214	14115.467	0.959	1.3	3.1	NO	0.999	NO	bb
2	2 181026M2_3	Standard	2.500	6.40	227.702	15706.185	2.175	2.7	7.3	NO	0.999	NO	bb
3	3 181026M2_4	Standard	5.000	6.41	462.955	16893.744	4.111	4.9	-2.0	NO	0.999	NO	bb
4	4 181026M2_5	Standard	10.000	6.41	957.878	16995.957	8.454	9.9	-1.3	NO	0.999	NO	bb
5	5 181026M2_6	Standard	25.000	6.41	2385.301	17128.391	20.889	24.1	-3.5	NO	0.999	NO	MM
6	6 181026M2_7	Standard	50.000	6.41	4759.359	16587.670	43.038	49.6	-0.8	NO	0.999	NO	bb
7	7 181026M2_8	Standard	250.000	6.41	22700.131	15866.434	214.605	249.1	-0.4	NO	0.999	NO	bb
8	8 181026M2_9	Standard	500.000	6.41	42028.625	15728.931	400.809	470.4	-5.9	NO	0.999	NO	bb
9	9 181026M2_10	Standard	1250.000	6.41	103668.445	14600.812	1065.028	1306.6	4.5	NO	0.999	NO	bb
10	10 181026M2_11	Standard	2500.000	6.41	173722.266	13799.331	1888.377	2474.7	-1.0	NO	0.999	NO	bb

Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999673$

Calibration curve: $-0.000145106 * x^2 + 0.522631 * x + -0.00580539$

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 181026M2_2	Standard	0.250	6.77	107.767	3651.068	0.148	0.3	17.4	NO	1.000	NO	bb
2	2 181026M2_3	Standard	0.500	6.79	235.767	4590.532	0.257	0.5	0.5	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	6.80	467.265	4716.263	0.495	1.0	-4.1	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	6.80	1019.393	4981.371	1.023	2.0	-1.5	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	6.80	2548.878	5275.475	2.416	4.6	-7.2	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	6.80	5218.508	5161.355	5.055	9.7	-2.9	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	6.80	27196.391	5444.506	24.976	48.5	-3.1	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	6.80	51877.824	5159.832	50.271	98.9	-1.1	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	6.80	132710.141	5327.625	124.549	256.6	2.6	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	6.80	238246.359	5324.156	223.741	496.6	-0.7	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: PFODA

Coefficient of Determination: R² = 0.999712

Calibration curve: -0.000273143 * x² + 0.854839 * x + 0.0102127

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 181026M2_2	Standard	0.250	7.00	185.162	3651.068	0.254	0.3	13.9	NO	1.000	NO	bb
2	2 181026M2_3	Standard	0.500	7.01	393.165	4590.532	0.428	0.5	-2.2	NO	1.000	NO	bb
3	3 181026M2_4	Standard	1.000	7.02	862.938	4716.263	0.915	1.1	5.9	NO	1.000	NO	bb
4	4 181026M2_5	Standard	2.000	7.02	1688.569	4981.371	1.695	2.0	-1.4	NO	1.000	NO	bb
5	5 181026M2_6	Standard	5.000	7.02	4211.058	5275.475	3.991	4.7	-6.7	NO	1.000	NO	bb
6	6 181026M2_7	Standard	10.000	7.02	8598.269	5161.355	8.329	9.8	-2.4	NO	1.000	NO	bb
7	7 181026M2_8	Standard	50.000	7.02	44362.316	5444.506	40.740	48.4	-3.2	NO	1.000	NO	bb
8	8 181026M2_9	Standard	100.000	7.02	84698.391	5159.832	82.075	99.1	-0.9	NO	1.000	NO	bb
9	9 181026M2_10	Standard	250.000	7.02	214181.844	5327.625	201.011	256.1	2.4	NO	1.000	NO	bb
10	10 181026M2_11	Standard	500.000	7.02	380400.219	5324.156	357.240	496.7	-0.7	NO	1.000	NO	bb

Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999799

Calibration curve: 6.07168e-006 * x² + 0.921514 * x + -0.0550925

Response type: Internal Std (Ref 58), 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 181026M2_2	Standard	1.250	6.62	89.326	11144.833	1.202	1.4	9.2	NO	1.000	NO	bb
2	2 181026M2_3	Standard	2.500	6.62	192.401	13041.418	2.213	2.5	-1.6	NO	1.000	NO	MM
3	3 181026M2_4	Standard	5.000	6.63	389.548	12334.143	4.737	5.2	4.0	NO	1.000	NO	MM
4	4 181026M2_5	Standard	10.000	6.64	759.061	12900.948	8.826	9.6	-3.6	NO	1.000	NO	bb
5	5 181026M2_6	Standard	25.000	6.64	1935.260	13312.324	21.806	23.7	-5.1	NO	1.000	NO	bb
6	6 181026M2_7	Standard	50.000	6.64	3777.678	12617.510	44.910	48.8	-2.4	NO	1.000	NO	bb
7	7 181026M2_8	Standard	250.000	6.64	18530.975	11958.064	232.450	251.9	0.8	NO	1.000	NO	bb
8	8 181026M2_9	Standard	500.000	6.63	35667.273	11886.426	450.101	486.9	-2.6	NO	1.000	NO	bb
9	9 181026M2_10	Standard	1250.000	6.64	94039.938	11931.233	1182.274	1272.4	1.8	NO	1.000	NO	bb
10	10 181026M2_11	Standard	2500.000	6.63	184477.047	11858.454	2333.488	2491.4	-0.3	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: N-EtFOSE

Coefficient of Determination: R² = 0.999919

Calibration curve: 5.63068e-006 * x² + 1.16132 * x + 0.0650258

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 181026M2_2	Standard	1.250	6.76	98.804	10367.249	1.430	1.2	-6.0	NO	1.000	NO	MM
2	2 181026M2_3	Standard	2.500	6.77	234.243	11165.897	3.147	2.7	6.1	NO	1.000	NO	bb
3	3 181026M2_4	Standard	5.000	6.78	464.158	12526.094	5.558	4.7	-5.4	NO	1.000	NO	bb
4	4 181026M2_5	Standard	10.000	6.78	906.690	11690.636	11.634	10.0	-0.4	NO	1.000	NO	bb
5	5 181026M2_6	Standard	25.000	6.78	2281.181	11355.758	30.132	25.9	3.6	NO	1.000	NO	bb
6	6 181026M2_7	Standard	50.000	6.78	4351.386	11089.962	58.856	50.6	1.2	NO	1.000	NO	bb
7	7 181026M2_8	Standard	250.000	6.78	22632.773	11386.688	298.148	256.4	2.5	NO	1.000	NO	bb
8	8 181026M2_9	Standard	500.000	6.78	42480.539	11134.477	572.284	491.6	-1.7	NO	1.000	NO	bb
9	9 181026M2_10	Standard	1250.000	6.78	107236.227	11017.045	1460.050	1249.6	-0.0	NO	1.000	NO	bb
10	10 181026M2_11	Standard	2500.000	6.78	206945.328	10558.453	2939.995	2501.2	0.0	NO	1.000	NO	bb

Compound name: 13C3-PFBA

Response Factor: 0.741051

RRF SD: 0.0124578, Relative SD: 1.6811

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	1.42	6184.691	8078.398	9.570	12.9	3.3	NO		NO	MM
2	2 181026M2_3	Standard	12.500	1.42	6296.696	8395.291	9.375	12.7	1.2	NO		NO	bb
3	3 181026M2_4	Standard	12.500	1.43	6325.543	8513.179	9.288	12.5	0.3	NO		NO	MM
4	4 181026M2_5	Standard	12.500	1.43	6401.704	8581.403	9.325	12.6	0.7	NO		NO	bb
5	5 181026M2_6	Standard	12.500	1.43	6246.471	8501.998	9.184	12.4	-0.9	NO		NO	bb
6	6 181026M2_7	Standard	12.500	1.42	6289.302	8495.345	9.254	12.5	-0.1	NO		NO	bb
7	7 181026M2_8	Standard	12.500	1.43	6269.833	8454.575	9.270	12.5	0.1	NO		NO	MM
8	8 181026M2_9	Standard	12.500	1.42	6280.584	8500.451	9.236	12.5	-0.3	NO		NO	bb
9	9 181026M2_10	Standard	12.500	1.43	5929.761	8271.276	8.961	12.1	-3.3	NO		NO	bb
10	10 181026M2_11	Standard	12.500	1.42	5669.179	7729.110	9.169	12.4	-1.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C3-PFPeA

Response Factor: 0.607142

RRF SD: 0.0181109, Relative SD: 2.98297

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	2.66	6992.145	11376.942	7.682	12.7	1.2	NO		NO	bb
2	2 181026M2_3	Standard	12.500	2.66	7301.005	11994.656	7.609	12.5	0.3	NO		NO	bb
3	3 181026M2_4	Standard	12.500	2.67	7367.908	12078.441	7.625	12.6	0.5	NO		NO	bb
4	4 181026M2_5	Standard	12.500	2.66	7425.696	12265.368	7.568	12.5	-0.3	NO		NO	bb
5	5 181026M2_6	Standard	12.500	2.67	7399.272	11461.851	8.069	13.3	6.3	NO		NO	bb
6	6 181026M2_7	Standard	12.500	2.66	7160.395	12332.031	7.258	12.0	-4.4	NO		NO	bb
7	7 181026M2_8	Standard	12.500	2.67	7113.593	11942.201	7.446	12.3	-1.9	NO		NO	bb
8	8 181026M2_9	Standard	12.500	2.66	7018.849	11302.785	7.762	12.8	2.3	NO		NO	bb
9	9 181026M2_10	Standard	12.500	2.67	6575.473	10933.511	7.518	12.4	-0.9	NO		NO	bb
10	10 181026M2_11	Standard	12.500	2.66	5830.308	9907.512	7.356	12.1	-3.1	NO		NO	bb

Compound name: 13C3-PFBS

Response Factor: 0.495754

RRF SD: 0.0258995, Relative SD: 5.22426

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	2.98	1035.931	1918.898	6.748	13.6	8.9	NO		NO	bb
2	2 181026M2_3	Standard	12.500	2.97	1027.603	2167.242	5.927	12.0	-4.4	NO		NO	bb
3	3 181026M2_4	Standard	12.500	2.99	1012.801	2155.636	5.873	11.8	-5.2	NO		NO	bb
4	4 181026M2_5	Standard	12.500	2.98	1048.091	2159.641	6.066	12.2	-2.1	NO		NO	bb
5	5 181026M2_6	Standard	12.500	2.98	1038.630	2005.673	6.473	13.1	4.5	NO		NO	bb
6	6 181026M2_7	Standard	12.500	2.98	1047.070	2034.884	6.432	13.0	3.8	NO		NO	bb
7	7 181026M2_8	Standard	12.500	2.98	990.285	2131.441	5.808	11.7	-6.3	NO		NO	bb
8	8 181026M2_9	Standard	12.500	2.98	941.427	1970.960	5.971	12.0	-3.7	NO		NO	bb
9	9 181026M2_10	Standard	12.500	2.99	923.260	1877.590	6.147	12.4	-0.8	NO		NO	bb
10	10 181026M2_11	Standard	12.500	2.98	844.629	1618.067	6.525	13.2	5.3	NO		NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C2-4:2 FTS

Response Factor: 0.823629

RRF SD: 0.0581575, Relative SD: 7.06112

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	3.44	1630.252	1918.898	10.620	12.9	3.2	NO		NO	bb
2	2 181026M2_3	Standard	12.500	3.44	1733.139	2167.242	9.996	12.1	-2.9	NO		NO	bb
3	3 181026M2_4	Standard	12.500	3.45	1629.494	2155.636	9.449	11.5	-8.2	NO		NO	bb
4	4 181026M2_5	Standard	12.500	3.44	1675.552	2159.641	9.698	11.8	-5.8	NO		NO	bb
5	5 181026M2_6	Standard	12.500	3.45	1644.804	2005.673	10.251	12.4	-0.4	NO		NO	bb
6	6 181026M2_7	Standard	12.500	3.44	1647.308	2034.884	10.119	12.3	-1.7	NO		NO	bb
7	7 181026M2_8	Standard	12.500	3.45	1771.386	2131.441	10.388	12.6	0.9	NO		NO	bb
8	8 181026M2_9	Standard	12.500	3.44	1867.103	1970.960	11.841	14.4	15.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	3.45	2530.990	1877.590	16.850	20.5	63.7	NO		NO	bbX
10	10 181026M2_11	Standard	12.500	3.44	3154.817	1618.067	24.372	29.6	136.7	NO		NO	bbX

Compound name: 13C2-PFHxA

Response Factor: 1.03506

RRF SD: 0.0314062, Relative SD: 3.03424

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	5.000	3.52	4644.648	11376.942	5.103	4.9	-1.4	NO		NO	bb
2	2 181026M2_3	Standard	5.000	3.52	4877.098	11994.656	5.083	4.9	-1.8	NO		NO	bb
3	3 181026M2_4	Standard	5.000	3.53	4828.412	12078.441	4.997	4.8	-3.4	NO		NO	bb
4	4 181026M2_5	Standard	5.000	3.53	4975.459	12265.368	5.071	4.9	-2.0	NO		NO	bb
5	5 181026M2_6	Standard	5.000	3.54	4765.214	11461.851	5.197	5.0	0.4	NO		NO	bb
6	6 181026M2_7	Standard	5.000	3.53	4983.055	12332.031	5.051	4.9	-2.4	NO		NO	bb
7	7 181026M2_8	Standard	5.000	3.54	4874.891	11942.201	5.103	4.9	-1.4	NO		NO	bb
8	8 181026M2_9	Standard	5.000	3.53	4820.291	11302.785	5.331	5.2	3.0	NO		NO	bb
9	9 181026M2_10	Standard	5.000	3.54	4668.054	10933.511	5.337	5.2	3.1	NO		NO	bb
10	10 181026M2_11	Standard	5.000	3.53	4344.735	9907.512	5.482	5.3	5.9	NO		NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C4-PFHpA

Response Factor: 0.494781

RRF SD: 0.0197241, Relative SD: 3.98642

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	4.15	5637.425	11376.942	6.194	12.5	0.1	NO		NO	bb
2	2 181026M2_3	Standard	12.500	4.16	6121.023	11994.656	6.379	12.9	3.1	NO		NO	bb
3	3 181026M2_4	Standard	12.500	4.17	6107.617	12078.441	6.321	12.8	2.2	NO		NO	bb
4	4 181026M2_5	Standard	12.500	4.17	6151.114	12265.368	6.269	12.7	1.4	NO		NO	bb
5	5 181026M2_6	Standard	12.500	4.17	6018.881	11461.851	6.564	13.3	6.1	NO		NO	bb
6	6 181026M2_7	Standard	12.500	4.17	6107.949	12332.031	6.191	12.5	0.1	NO		NO	MM
7	7 181026M2_8	Standard	12.500	4.17	5526.591	11942.201	5.785	11.7	-6.5	NO		NO	bb
8	8 181026M2_9	Standard	12.500	4.17	5729.230	11302.785	6.336	12.8	2.4	NO		NO	bb
9	9 181026M2_10	Standard	12.500	4.17	5162.349	10933.511	5.902	11.9	-4.6	NO		NO	bb
10	10 181026M2_11	Standard	12.500	4.17	4682.155	9907.512	5.907	11.9	-4.5	NO		NO	bb

Compound name: 18O2-PFHxS

Response Factor: 0.4041

RRF SD: 0.0225266, Relative SD: 5.57452

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	4.28	844.626	1918.898	5.502	13.6	8.9	NO		NO	bb
2	2 181026M2_3	Standard	12.500	4.28	772.380	2167.242	4.455	11.0	-11.8	NO		NO	bb
3	3 181026M2_4	Standard	12.500	4.29	831.099	2155.636	4.819	11.9	-4.6	NO		NO	bd
4	4 181026M2_5	Standard	12.500	4.29	883.327	2159.641	5.113	12.7	1.2	NO		NO	bb
5	5 181026M2_6	Standard	12.500	4.30	847.847	2005.673	5.284	13.1	4.6	NO		NO	bb
6	6 181026M2_7	Standard	12.500	4.29	820.644	2034.884	5.041	12.5	-0.2	NO		NO	bb
7	7 181026M2_8	Standard	12.500	4.30	866.537	2131.441	5.082	12.6	0.6	NO		NO	bb
8	8 181026M2_9	Standard	12.500	4.29	784.684	1970.960	4.977	12.3	-1.5	NO		NO	bb
9	9 181026M2_10	Standard	12.500	4.30	786.477	1877.590	5.236	13.0	3.7	NO		NO	bb
10	10 181026M2_11	Standard	12.500	4.29	647.758	1618.067	5.004	12.4	-0.9	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C2-6:2 FTS

Response Factor: 0.716087
 RRF SD: 0.0968873, Relative SD: 13.5301
 Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	4.57	1443.377	1972.514	9.147	12.8	2.2	NO		NO	bb
2	2 181026M2_3	Standard	12.500	4.57	1402.889	2170.690	8.079	11.3	-9.7	NO		NO	bb
3	3 181026M2_4	Standard	12.500	4.59	1304.605	2039.200	7.997	11.2	-10.7	NO		NO	bb
4	4 181026M2_5	Standard	12.500	4.59	1358.960	1962.471	8.656	12.1	-3.3	NO		NO	bb
5	5 181026M2_6	Standard	12.500	4.59	1354.455	2031.418	8.334	11.6	-6.9	NO		NO	bb
6	6 181026M2_7	Standard	12.500	4.59	1496.068	2228.354	8.392	11.7	-6.2	NO		NO	bb
7	7 181026M2_8	Standard	12.500	4.59	1517.360	2043.042	9.284	13.0	3.7	NO		NO	bb
8	8 181026M2_9	Standard	12.500	4.59	1819.098	1940.159	11.720	16.4	30.9	NO		NO	bb
9	9 181026M2_10	Standard	12.500	4.59	2398.930	1846.808	16.237	22.7	81.4	NO		NO	bbX
10	10 181026M2_11	Standard	12.500	4.59	3350.169	1734.940	24.137	33.7	169.7	NO		NO	bdX

Compound name: 13C2-PFOA

Response Factor: 0.69083
 RRF SD: 0.0255285, Relative SD: 3.69534
 Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	4.62	8748.829	12957.887	8.440	12.2	-2.3	NO		NO	bb
2	2 181026M2_3	Standard	12.500	4.63	9793.098	13688.405	8.943	12.9	3.6	NO		NO	bb
3	3 181026M2_4	Standard	12.500	4.64	9720.152	13812.271	8.797	12.7	1.9	NO		NO	bb
4	4 181026M2_5	Standard	12.500	4.64	9928.063	14246.308	8.711	12.6	0.9	NO		NO	bb
5	5 181026M2_6	Standard	12.500	4.64	9597.350	13959.941	8.594	12.4	-0.5	NO		NO	bb
6	6 181026M2_7	Standard	12.500	4.63	9580.257	14680.914	8.157	11.8	-5.5	NO		NO	bb
7	7 181026M2_8	Standard	12.500	4.64	9663.022	14522.520	8.317	12.0	-3.7	NO		NO	bb
8	8 181026M2_9	Standard	12.500	4.63	9645.474	14279.619	8.443	12.2	-2.2	NO		NO	bb
9	9 181026M2_10	Standard	12.500	4.64	8474.762	12174.863	8.701	12.6	0.8	NO		NO	bb
10	10 181026M2_11	Standard	12.500	4.63	8636.934	11670.287	9.251	13.4	7.1	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C5-PFNA

Response Factor: 0.996051

RRF SD: 0.050344, Relative SD: 5.05436

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.05	8348.550	8238.559	12.667	12.7	1.7	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.05	8472.833	8739.331	12.119	12.2	-2.7	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.07	8518.451	8672.350	12.278	12.3	-1.4	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.07	9350.323	8734.984	13.381	13.4	7.5	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.07	9208.055	9166.518	12.557	12.6	0.9	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.07	8911.805	8305.439	13.413	13.5	7.7	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.07	8347.992	8588.448	12.150	12.2	-2.4	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.07	8450.190	8330.376	12.680	12.7	1.8	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.07	7715.359	8142.151	11.845	11.9	-4.9	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.07	6874.711	7526.144	11.418	11.5	-8.3	NO		NO	bb

Compound name: 13C8-PFOSA

Response Factor: 0.218666

RRF SD: 0.0111669, Relative SD: 5.10682

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.09	2698.842	11688.760	2.886	13.2	5.6	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.09	2620.528	12432.585	2.635	12.0	-3.6	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.11	2553.429	12432.317	2.567	11.7	-6.1	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.11	2783.124	12853.922	2.706	12.4	-1.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.11	2632.167	11891.035	2.767	12.7	1.2	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.10	2787.136	11865.635	2.936	13.4	7.4	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.11	2532.237	11877.414	2.665	12.2	-2.5	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.11	2601.209	11224.717	2.897	13.2	6.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.11	2340.553	10673.203	2.741	12.5	0.3	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.10	2009.860	9920.066	2.533	11.6	-7.3	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C8-PFOS

Response Factor: 1.04313
 RRF SD: 0.0562874, Relative SD: 5.39602
 Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.13	2206.044	1972.514	13.980	13.4	7.2	NO		NO	MM
2	2 181026M2_3	Standard	12.500	5.13	2142.006	2170.690	12.335	11.8	-5.4	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.15	2155.994	2039.200	13.216	12.7	1.4	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.15	2172.094	1962.471	13.835	13.3	6.1	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.15	2113.399	2031.418	13.004	12.5	-0.3	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.15	2116.434	2228.354	11.872	11.4	-8.9	NO		NO	MM
7	7 181026M2_8	Standard	12.500	5.15	2228.627	2043.042	13.635	13.1	4.6	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.15	1966.805	1940.159	12.672	12.1	-2.8	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.15	1984.859	1846.808	13.434	12.9	3.0	NO		NO	MM
10	10 181026M2_11	Standard	12.500	5.14	1722.046	1734.940	12.407	11.9	-4.8	NO		NO	bb

Compound name: 13C2-PFDA

Response Factor: 0.993507
 RRF SD: 0.050452, Relative SD: 5.07817
 Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.42	8196.958	7529.495	13.608	13.7	9.6	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.42	8412.365	8393.661	12.528	12.6	0.9	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.44	7810.813	7653.065	12.758	12.8	2.7	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.44	8660.432	8282.372	13.071	13.2	5.2	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.44	8506.063	8755.572	12.144	12.2	-2.2	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.43	8880.647	8809.092	12.602	12.7	1.5	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.44	8584.293	8764.315	12.243	12.3	-1.4	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.43	7786.407	8357.774	11.645	11.7	-6.2	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.44	6700.444	6970.343	12.016	12.1	-3.2	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.43	6862.049	7410.948	11.574	11.6	-6.8	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C2-8:2 FTS

Response Factor: 0.575159
 RRF SD: 0.0604096, Relative SD: 10.5031
 Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.39	1325.172	1972.514	8.398	14.6	16.8	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.39	1081.778	2170.690	6.229	10.8	-13.4	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.41	1121.221	2039.200	6.873	11.9	-4.4	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.41	1041.147	1962.471	6.632	11.5	-7.8	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.41	1142.196	2031.418	7.028	12.2	-2.2	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.41	1200.898	2228.354	6.736	11.7	-6.3	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.41	1225.018	2043.042	7.495	13.0	4.3	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.41	1260.997	1940.159	8.124	14.1	13.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.41	1858.537	1846.808	12.579	21.9	75.0	NO		NO	bbX
10	10 181026M2_11	Standard	12.500	5.40	2705.830	1734.940	19.495	33.9	171.2	NO		NO	bbX

Compound name: d3-N-MeFOSAA

Response Factor: 0.153131
 RRF SD: 0.009531, Relative SD: 6.22408
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.57	1796.496	11688.760	1.921	12.5	0.4	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.57	1890.552	12432.585	1.901	12.4	-0.7	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.58	1918.318	12432.317	1.929	12.6	0.8	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.58	1847.256	12853.922	1.796	11.7	-6.2	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.58	1945.117	11891.035	2.045	13.4	6.8	NO		NO	MM
6	6 181026M2_7	Standard	12.500	5.58	1682.401	11865.635	1.772	11.6	-7.4	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.58	1687.356	11877.414	1.776	11.6	-7.2	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.58	1763.734	11224.717	1.964	12.8	2.6	NO		NO	MM
9	9 181026M2_10	Standard	12.500	5.58	1614.258	10673.203	1.891	12.3	-1.2	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.58	1703.638	9920.066	2.147	14.0	12.1	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C2-PFUdA

Response Factor: 0.945205

RRF SD: 0.0386895, Relative SD: 4.09324

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.74	11197.16E	11688.760	11.974	12.7	1.3	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.74	11911.912	12432.585	11.977	12.7	1.4	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.75	10916.529	12432.317	10.976	11.6	-7.1	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.75	11351.616	12853.922	11.039	11.7	-6.6	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.75	11308.644	11891.035	11.888	12.6	0.6	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.75	11501.567	11865.635	12.116	12.8	2.6	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.75	11158.167	11877.414	11.743	12.4	-0.6	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.75	10695.182	11224.717	11.910	12.6	0.8	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.75	10178.958	10673.203	11.921	12.6	0.9	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.75	10004.219	9920.066	12.606	13.3	6.7	NO		NO	bb

Compound name: d5-N-EtFOSAA

Response Factor: 0.22393

RRF SD: 0.0146008, Relative SD: 6.52027

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.72	2945.653	11688.760	3.150	14.1	12.5	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.72	2867.985	12432.585	2.884	12.9	3.0	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.73	2777.131	12432.317	2.792	12.5	-0.2	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.73	2536.927	12853.922	2.467	11.0	-11.9	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.73	2776.033	11891.035	2.918	13.0	4.3	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.73	2655.475	11865.635	2.797	12.5	-0.1	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.73	2713.869	11877.414	2.856	12.8	2.0	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.72	2516.733	11224.717	2.803	12.5	0.1	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.73	2234.267	10673.203	2.617	11.7	-6.5	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.72	2148.432	9920.066	2.707	12.1	-3.3	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C2-PFDoA

Response Factor: 1.35924
 RRF SD: 0.0964831, Relative SD: 7.09832
 Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	6.01	11514.720	7529.495	19.116	14.1	12.5	NO		NO	bb
2	2 181026M2_3	Standard	12.500	6.02	12104.149	8393.661	18.026	13.3	6.1	NO		NO	bb
3	3 181026M2_4	Standard	12.500	6.03	10944.894	7653.065	17.877	13.2	5.2	NO		NO	bb
4	4 181026M2_5	Standard	12.500	6.03	11390.981	8282.372	17.192	12.6	1.2	NO		NO	bb
5	5 181026M2_6	Standard	12.500	6.03	11268.681	8755.572	16.088	11.8	-5.3	NO		NO	bb
6	6 181026M2_7	Standard	12.500	6.02	11470.818	8809.092	16.277	12.0	-4.2	NO		NO	bb
7	7 181026M2_8	Standard	12.500	6.03	11180.74E	8764.315	15.946	11.7	-6.1	NO		NO	bb
8	8 181026M2_9	Standard	12.500	6.02	10219.406	8357.774	15.284	11.2	-10.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	6.03	9964.319	6970.343	17.869	13.1	5.2	NO		NO	bb
10	10 181026M2_11	Standard	12.500	6.02	9622.390	7410.948	16.230	11.9	-4.5	NO		NO	bb

Compound name: d3-N-MeFOSA

Response Factor: 0.0690552
 RRF SD: 0.00351714, Relative SD: 5.09323
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	150.000	5.98	10851.412	11688.760	11.605	168.0	12.0	NO		NO	bb
2	2 181026M2_3	Standard	150.000	5.99	10232.115	12432.585	10.288	149.0	-0.7	NO		NO	bb
3	3 181026M2_4	Standard	150.000	6.01	9943.123	12432.317	9.997	144.8	-3.5	NO		NO	MM
4	4 181026M2_5	Standard	150.000	6.01	9885.813	12853.922	9.614	139.2	-7.2	NO		NO	bb
5	5 181026M2_6	Standard	150.000	6.01	9871.220	11891.035	10.377	150.3	0.2	NO		NO	bb
6	6 181026M2_7	Standard	150.000	6.01	9833.546	11865.635	10.359	150.0	0.0	NO		NO	bb
7	7 181026M2_8	Standard	150.000	6.01	9543.293	11877.414	10.044	145.4	-3.0	NO		NO	bb
8	8 181026M2_9	Standard	150.000	6.01	9176.551	11224.717	10.219	148.0	-1.3	NO		NO	bb
9	9 181026M2_10	Standard	150.000	6.01	8832.859	10673.203	10.345	149.8	-0.1	NO		NO	bb
10	10 181026M2_11	Standard	150.000	6.01	8520.499	9920.066	10.736	155.5	3.7	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C2-PFTeDA

Response Factor: 0.79723
 RRF SD: 0.0620079, Relative SD: 7.77792
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	6.46	7923.806	11688.760	8.474	10.6	-15.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	6.46	9245.496	12432.585	9.296	11.7	-6.7	NO		NO	bb
3	3 181026M2_4	Standard	12.500	6.47	9405.037	12432.317	9.456	11.9	-5.1	NO		NO	bb
4	4 181026M2_5	Standard	12.500	6.47	9650.557	12853.922	9.385	11.8	-5.8	NO		NO	bb
5	5 181026M2_6	Standard	12.500	6.48	9814.780	11891.035	10.317	12.9	3.5	NO		NO	bb
6	6 181026M2_7	Standard	12.500	6.47	9847.568	11865.635	10.374	13.0	4.1	NO		NO	bb
7	7 181026M2_8	Standard	12.500	6.47	9726.109	11877.414	10.236	12.8	2.7	NO		NO	bb
8	8 181026M2_9	Standard	12.500	6.47	9378.688	11224.717	10.444	13.1	4.8	NO		NO	bb
9	9 181026M2_10	Standard	12.500	6.47	9150.477	10673.203	10.717	13.4	7.5	NO		NO	bb
10	10 181026M2_11	Standard	12.500	6.47	8693.956	9920.066	10.955	13.7	9.9	NO		NO	bb

Compound name: d5-N-ETFOSA

Response Factor: 0.112388
 RRF SD: 0.00582276, Relative SD: 5.18094
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	150.000	6.41	14115.467	11688.760	15.095	134.3	-10.5	NO		NO	bb
2	2 181026M2_3	Standard	150.000	6.42	15706.185	12432.585	15.791	140.5	-6.3	NO		NO	bb
3	3 181026M2_4	Standard	150.000	6.43	16893.744	12432.317	16.986	151.1	0.8	NO		NO	bb
4	4 181026M2_5	Standard	150.000	6.43	16995.957	12853.922	16.528	147.1	-2.0	NO		NO	bb
5	5 181026M2_6	Standard	150.000	6.43	17128.391	11891.035	18.006	160.2	6.8	NO		NO	bb
6	6 181026M2_7	Standard	150.000	6.43	16587.670	11865.635	17.474	155.5	3.7	NO		NO	bb
7	7 181026M2_8	Standard	150.000	6.43	15866.434	11877.414	16.698	148.6	-0.9	NO		NO	bb
8	8 181026M2_9	Standard	150.000	6.43	15728.931	11224.717	17.516	155.9	3.9	NO		NO	bb
9	9 181026M2_10	Standard	150.000	6.43	14600.812	10673.203	17.100	152.1	1.4	NO		NO	bb
10	10 181026M2_11	Standard	150.000	6.43	13799.331	9920.066	17.388	154.7	3.1	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C2-PFHxDA

Response Factor: 1.07026

RRF SD: 0.166525, Relative SD: 15.5592

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	5.000	6.77	3651.068	11688.760	3.904	3.6	-27.0	NO		NO	bb
2	2 181026M2_3	Standard	5.000	6.78	4590.532	12432.585	4.615	4.3	-13.8	NO		NO	bb
3	3 181026M2_4	Standard	5.000	6.80	4716.263	12432.317	4.742	4.4	-11.4	NO		NO	bb
4	4 181026M2_5	Standard	5.000	6.80	4981.371	12853.922	4.844	4.5	-9.5	NO		NO	bb
5	5 181026M2_6	Standard	5.000	6.80	5275.475	11891.035	5.546	5.2	3.6	NO		NO	bb
6	6 181026M2_7	Standard	5.000	6.80	5161.355	11865.635	5.437	5.1	1.6	NO		NO	bb
7	7 181026M2_8	Standard	5.000	6.80	5444.506	11877.414	5.730	5.4	7.1	NO		NO	bb
8	8 181026M2_9	Standard	5.000	6.80	5159.832	11224.717	5.746	5.4	7.4	NO		NO	bb
9	9 181026M2_10	Standard	5.000	6.80	5327.625	10673.203	6.239	5.8	16.6	NO		NO	bb
10	10 181026M2_11	Standard	5.000	6.80	5324.156	9920.066	6.709	6.3	25.4	NO		NO	bb

Compound name: d7-N-MeFOSE

Response Factor: 0.0880008

RRF SD: 0.00603267, Relative SD: 6.85524

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	150.000	6.61	11144.833	11688.760	11.918	135.4	-9.7	NO		NO	bb
2	2 181026M2_3	Standard	150.000	6.62	13041.418	12432.585	13.112	149.0	-0.7	NO		NO	bb
3	3 181026M2_4	Standard	150.000	6.62	12334.143	12432.317	12.401	140.9	-6.1	NO		NO	bb
4	4 181026M2_5	Standard	150.000	6.62	12900.948	12853.922	12.546	142.6	-5.0	NO		NO	bb
5	5 181026M2_6	Standard	150.000	6.63	13312.324	11891.035	13.994	159.0	6.0	NO		NO	bb
6	6 181026M2_7	Standard	150.000	6.62	12617.510	11865.635	13.292	151.0	0.7	NO		NO	bb
7	7 181026M2_8	Standard	150.000	6.62	11958.064	11877.414	12.585	143.0	-4.7	NO		NO	bb
8	8 181026M2_9	Standard	150.000	6.62	11886.426	11224.717	13.237	150.4	0.3	NO		NO	bb
9	9 181026M2_10	Standard	150.000	6.62	11931.233	10673.203	13.973	158.8	5.9	NO		NO	bb
10	10 181026M2_11	Standard	150.000	6.62	11858.454	9920.066	14.943	169.8	13.2	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
 Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: d9-N-EtFOSE

Response Factor: 0.0803244

RRF SD: 0.00493968, Relative SD: 6.14967

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	150.000	6.76	10367.249	11688.760	11.087	138.0	-8.0	NO		NO	bb
2	2 181026M2_3	Standard	150.000	6.76	11165.897	12432.585	11.226	139.8	-6.8	NO		NO	bb
3	3 181026M2_4	Standard	150.000	6.77	12526.094	12432.317	12.594	156.8	4.5	NO		NO	bb
4	4 181026M2_5	Standard	150.000	6.77	11690.636	12853.922	11.369	141.5	-5.6	NO		NO	bb
5	5 181026M2_6	Standard	150.000	6.77	11355.758	11891.035	11.937	148.6	-0.9	NO		NO	bb
6	6 181026M2_7	Standard	150.000	6.77	11089.962	11865.635	11.683	145.4	-3.0	NO		NO	bb
7	7 181026M2_8	Standard	150.000	6.77	11386.688	11877.414	11.984	149.2	-0.5	NO		NO	bb
8	8 181026M2_9	Standard	150.000	6.77	11134.477	11224.717	12.400	154.4	2.9	NO		NO	bb
9	9 181026M2_10	Standard	150.000	6.77	11017.045	10673.203	12.903	160.6	7.1	NO		NO	bb
10	10 181026M2_11	Standard	150.000	6.77	10558.453	9920.066	13.304	165.6	10.4	NO		NO	bb

Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	1.43	8078.398	8078.398	12.500	12.5	0.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	1.43	8395.291	8395.291	12.500	12.5	0.0	NO		NO	MM
3	3 181026M2_4	Standard	12.500	1.43	8513.179	8513.179	12.500	12.5	0.0	NO		NO	MM
4	4 181026M2_5	Standard	12.500	1.43	8581.403	8581.403	12.500	12.5	0.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	1.43	8501.998	8501.998	12.500	12.5	0.0	NO		NO	bb
6	6 181026M2_7	Standard	12.500	1.43	8495.345	8495.345	12.500	12.5	0.0	NO		NO	MM
7	7 181026M2_8	Standard	12.500	1.43	8454.575	8454.575	12.500	12.5	0.0	NO		NO	MM
8	8 181026M2_9	Standard	12.500	1.43	8500.451	8500.451	12.500	12.5	0.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	1.43	8271.276	8271.276	12.500	12.5	0.0	NO		NO	MM
10	10 181026M2_11	Standard	12.500	1.43	7729.110	7729.110	12.500	12.5	0.0	NO		NO	MM

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Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	3.53	11376.942	11376.942	12.500	12.5	0.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	3.53	11994.656	11994.656	12.500	12.5	0.0	NO		NO	bb
3	3 181026M2_4	Standard	12.500	3.53	12078.441	12078.441	12.500	12.5	0.0	NO		NO	bb
4	4 181026M2_5	Standard	12.500	3.53	12265.368	12265.368	12.500	12.5	0.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	3.54	11461.851	11461.851	12.500	12.5	0.0	NO		NO	bb
6	6 181026M2_7	Standard	12.500	3.53	12332.031	12332.031	12.500	12.5	0.0	NO		NO	bb
7	7 181026M2_8	Standard	12.500	3.53	11942.201	11942.201	12.500	12.5	0.0	NO		NO	bb
8	8 181026M2_9	Standard	12.500	3.53	11302.785	11302.785	12.500	12.5	0.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	3.54	10933.511	10933.511	12.500	12.5	0.0	NO		NO	bb
10	10 181026M2_11	Standard	12.500	3.53	9907.512	9907.512	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	4.28	1918.898	1918.898	12.500	12.5	0.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	4.28	2167.242	2167.242	12.500	12.5	0.0	NO		NO	bb
3	3 181026M2_4	Standard	12.500	4.29	2155.636	2155.636	12.500	12.5	0.0	NO		NO	bb
4	4 181026M2_5	Standard	12.500	4.29	2159.641	2159.641	12.500	12.5	0.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	4.30	2005.673	2005.673	12.500	12.5	0.0	NO		NO	bb
6	6 181026M2_7	Standard	12.500	4.29	2034.884	2034.884	12.500	12.5	0.0	NO		NO	bb
7	7 181026M2_8	Standard	12.500	4.30	2131.441	2131.441	12.500	12.5	0.0	NO		NO	bb
8	8 181026M2_9	Standard	12.500	4.29	1970.960	1970.960	12.500	12.5	0.0	NO		NO	MM
9	9 181026M2_10	Standard	12.500	4.30	1877.590	1877.590	12.500	12.5	0.0	NO		NO	bb
10	10 181026M2_11	Standard	12.500	4.29	1618.067	1618.067	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	4.62	12957.887	12957.887	12.500	12.5	0.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	4.63	13688.405	13688.405	12.500	12.5	0.0	NO		NO	bb
3	3 181026M2_4	Standard	12.500	4.64	13812.271	13812.271	12.500	12.5	0.0	NO		NO	bb
4	4 181026M2_5	Standard	12.500	4.64	14246.308	14246.308	12.500	12.5	0.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	4.64	13959.941	13959.941	12.500	12.5	0.0	NO		NO	bb
6	6 181026M2_7	Standard	12.500	4.63	14680.914	14680.914	12.500	12.5	0.0	NO		NO	bb
7	7 181026M2_8	Standard	12.500	4.64	14522.520	14522.520	12.500	12.5	0.0	NO		NO	bb
8	8 181026M2_9	Standard	12.500	4.63	14279.619	14279.619	12.500	12.5	0.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	4.64	12174.863	12174.863	12.500	12.5	0.0	NO		NO	bb
10	10 181026M2_11	Standard	12.500	4.63	11670.287	11670.287	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.05	8238.559	8238.559	12.500	12.5	0.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.05	8739.331	8739.331	12.500	12.5	0.0	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.07	8672.350	8672.350	12.500	12.5	0.0	NO		NO	bd
4	4 181026M2_5	Standard	12.500	5.07	8734.984	8734.984	12.500	12.5	0.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.07	9166.518	9166.518	12.500	12.5	0.0	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.07	8305.439	8305.439	12.500	12.5	0.0	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.07	8588.448	8588.448	12.500	12.5	0.0	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.07	8330.376	8330.376	12.500	12.5	0.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.07	8142.151	8142.151	12.500	12.5	0.0	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.07	7526.144	7526.144	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.13	1972.514	1972.514	12.500	12.5	0.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.13	2170.690	2170.690	12.500	12.5	0.0	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.15	2039.200	2039.200	12.500	12.5	0.0	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.15	1962.471	1962.471	12.500	12.5	0.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.15	2031.418	2031.418	12.500	12.5	0.0	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.15	2228.354	2228.354	12.500	12.5	0.0	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.15	2043.042	2043.042	12.500	12.5	0.0	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.15	1940.159	1940.159	12.500	12.5	0.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.15	1846.808	1846.808	12.500	12.5	0.0	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.15	1734.940	1734.940	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.42	7529.495	7529.495	12.500	12.5	0.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.43	8393.661	8393.661	12.500	12.5	0.0	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.43	7653.065	7653.065	12.500	12.5	0.0	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.44	8282.372	8282.372	12.500	12.5	0.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.44	8755.572	8755.572	12.500	12.5	0.0	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.43	8809.092	8809.092	12.500	12.5	0.0	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.44	8764.315	8764.315	12.500	12.5	0.0	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.43	8357.774	8357.774	12.500	12.5	0.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.44	6970.343	6970.343	12.500	12.5	0.0	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.43	7410.948	7410.948	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:08 Pacific Daylight Time

Compound name: 13C7-PFUDa

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181026M2_2	Standard	12.500	5.74	11688.760	11688.760	12.500	12.5	0.0	NO		NO	bb
2	2 181026M2_3	Standard	12.500	5.74	12432.585	12432.585	12.500	12.5	0.0	NO		NO	bb
3	3 181026M2_4	Standard	12.500	5.75	12432.317	12432.317	12.500	12.5	0.0	NO		NO	bb
4	4 181026M2_5	Standard	12.500	5.75	12853.922	12853.922	12.500	12.5	0.0	NO		NO	bb
5	5 181026M2_6	Standard	12.500	5.76	11891.035	11891.035	12.500	12.5	0.0	NO		NO	bb
6	6 181026M2_7	Standard	12.500	5.75	11865.635	11865.635	12.500	12.5	0.0	NO		NO	bb
7	7 181026M2_8	Standard	12.500	5.76	11877.414	11877.414	12.500	12.5	0.0	NO		NO	bb
8	8 181026M2_9	Standard	12.500	5.75	11224.717	11224.717	12.500	12.5	0.0	NO		NO	bb
9	9 181026M2_10	Standard	12.500	5.76	10673.203	10673.203	12.500	12.5	0.0	NO		NO	bb
10	10 181026M2_11	Standard	12.500	5.75	9920.066	9920.066	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:44:58 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	36	0.9996	NO	
2	2 PFPeA	37	1.0000	NO	
3	3 PFBS	38	1.0000	NO	
4	4 4:2 FTS	39	0.9989	NO	
5	5 PFHxA	40	0.9999	NO	
6	6 PFPeS	38	0.9999	NO	
7	7 PFHpA	41	0.9996	NO	
8	8 L-PFHxS	42	0.9992	NO	
9	10 6:2 FTS	43	0.9984	NO	
10	11 L-PFOA	44	0.9993	NO	
11	13 PFHpS	47	0.9977	NO	
12	14 PFNA	45	0.9999	NO	
13	15 PFOSA	46	0.9999	NO	
14	16 L-PFOS	47	0.9991	NO	
15	18 PFDA	48	0.9990	NO	
16	19 8:2 FTS	49	0.9993	NO	
17	20 PFNS	47	0.9985	NO	
18	21 L-MeFOSAA	50	0.9996	NO	
19	23 L-EiFOSAA	52	0.9992	NO	

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:45:08 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	51	0.9999	NO	
2	26 PFDS	47	0.9997	NO	
3	27 PFDoA	53	0.9999	NO	
4	28 N-MeFOSA	54	0.9996	NO	
5	29 PFTrDA	53	0.9994	NO	
6	30 PFTeDA	55	0.9999	NO	
7	31 N-EtFOSA	56	0.9990	NO	
8	32 PFHxDA	57	0.9997	NO	
9	33 PFOA	57	0.9997	NO	
10	34 N-MeFOSE	58	0.9998	NO	
11	35 N-EtFOSE	59	0.9999	NO	
12	36 13C3-PFBA	60		NO	1.681
13	37 13C3-PFPeA	61		NO	2.983
14	38 13C3-PFBS	62		NO	5.224
15	39 13C2-4:2 FTS	62		NO	7.061
16	40 13C2-PFHxA	61		NO	3.034
17	41 13C4-PFHpA	61		NO	3.986
18	42 18O2-PFHxS	62		NO	5.575
19	43 13C2-6:2 FTS	65		NO	13.530
20	44 13C2-PFOA	63		NO	3.695
21	45 13C5-PFNA	64		NO	5.054
22	46 13C8-PFOSA	67		NO	5.107
23	47 13C8-PFOS	65		NO	5.396
24	48 13C2-PFDA	66		NO	5.078
25	49 13C2-8:2 FTS	65		NO	10.503
26	50 d3-N-MeFOSAA	67		NO	6.224
27	51 13C2-PFUdA	67		NO	4.093
28	52 d5-N-EtFOSAA	67		NO	6.520
29	53 13C2-PFDoA	66		NO	7.098
30	54 d3-N-MeFOSA	67		NO	5.093
31	55 13C2-PFTeDA	67		NO	7.778
32	56 d5-N-ETFOSA	67		NO	5.181

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:45:08 Pacific Daylight Time

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

#	Name	IS#	CoD	CoD Flag	%RSD
33	57 13C2-PFHxDA	67		NO	15.559
34	58 d7-N-MeFOSE	67		NO	6.855
35	59 d9-N-EtFOSE	67		NO	6.150
36	60 13C4-PFBA	60		NO	0.000
37	61 13C5-PFHxA	61		NO	0.000
38	62 13C3-PFHxS	62		NO	0.000
39	63 13C8-PFOA	63		NO	0.000
40	64 13C9-PFNA	64		NO	0.000
41	65 13C4-PFOS	65		NO	0.000
42	66 13C6-PFDA	66		NO	0.000
43	67 13C7-PFUdA	67		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:00 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.620	NO
4	4:2 FTS	1.528	NO
5	PFHxA	14.197	NO
6	PFPeS	1.697	NO
7	PFHpA	13.097	NO
8	L-PFHxS	1.478	NO
9	6:2 FTS	2.664	NO
10	L-PFOA	3.240	NO
11	PFHpS	2.257	NO
12	PFNA	4.341	NO
13	PFOSA	32.204	NO
14	L-PFOS	2.039	NO
15	PFDA	5.365	NO
16	8:2 FTS	1.856	NO
17	PFNS	1.671	NO
18	L-MeFOSAA	2.612	NO
19	L-EtFOSAA	1.394	NO

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:09 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

	Name	Ion Ratio	Ratio out?
1	PFUdA	10.638	NO
2	PFDS	1.643	NO
3	PFDoA	10.429	NO
4	N-MeFOSA	1.526	NO
5	PFTrDA	24.588	NO
6	PFTeDA	13.524	NO
7	N-EtFOSA	1.582	NO
8	PFHxDA	17.601	NO
9	PFODA		
10	N-MeFOSE		
11	N-EtFOSE		

Dataset: Untitled

Last Altered: Saturday, October 27, 2018 13:52:58 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:54:19 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 181026M2_1	IPA	26-Oct-18	15:46:42
2	2 181026M2_2	ST181026M2-1 PFC CS-2 18J1815	26-Oct-18	15:57:28
3	3 181026M2_3	ST181026M2-2 PFC CS-1 18J1816	26-Oct-18	16:08:06
4	4 181026M2_4	ST181026M2-3 PFC CS0 18J1817	26-Oct-18	16:18:39
5	5 181026M2_5	ST181026M2-4 PFC CS1 18J1818	26-Oct-18	16:29:18
6	6 181026M2_6	ST181026M2-5 PFC CS2 18J1819	26-Oct-18	16:39:50
7	7 181026M2_7	ST181026M2-6 PFC CS3 18J1820	26-Oct-18	16:50:28
8	8 181026M2_8	ST181026M2-7 PFC CS4 18J1821	26-Oct-18	17:01:00
9	9 181026M2_9	ST181026M2-8 PFC CS5 18J1822	26-Oct-18	17:11:39
10	10 181026M2_10	ST181026M2-9 PFC CS6 18J1823	26-Oct-18	17:22:17
11	11 181026M2_11	ST181026M2-10 PFC CS7 18J1824	26-Oct-18	17:32:50
12	12 181026M2_12	IPA	26-Oct-18	17:43:28
13	13 181026M2_13	ICV181026M2-1 PFC ICV 18J1825	26-Oct-18	17:54:09
14	14 181026M2_14	IPA	26-Oct-18	18:04:42

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

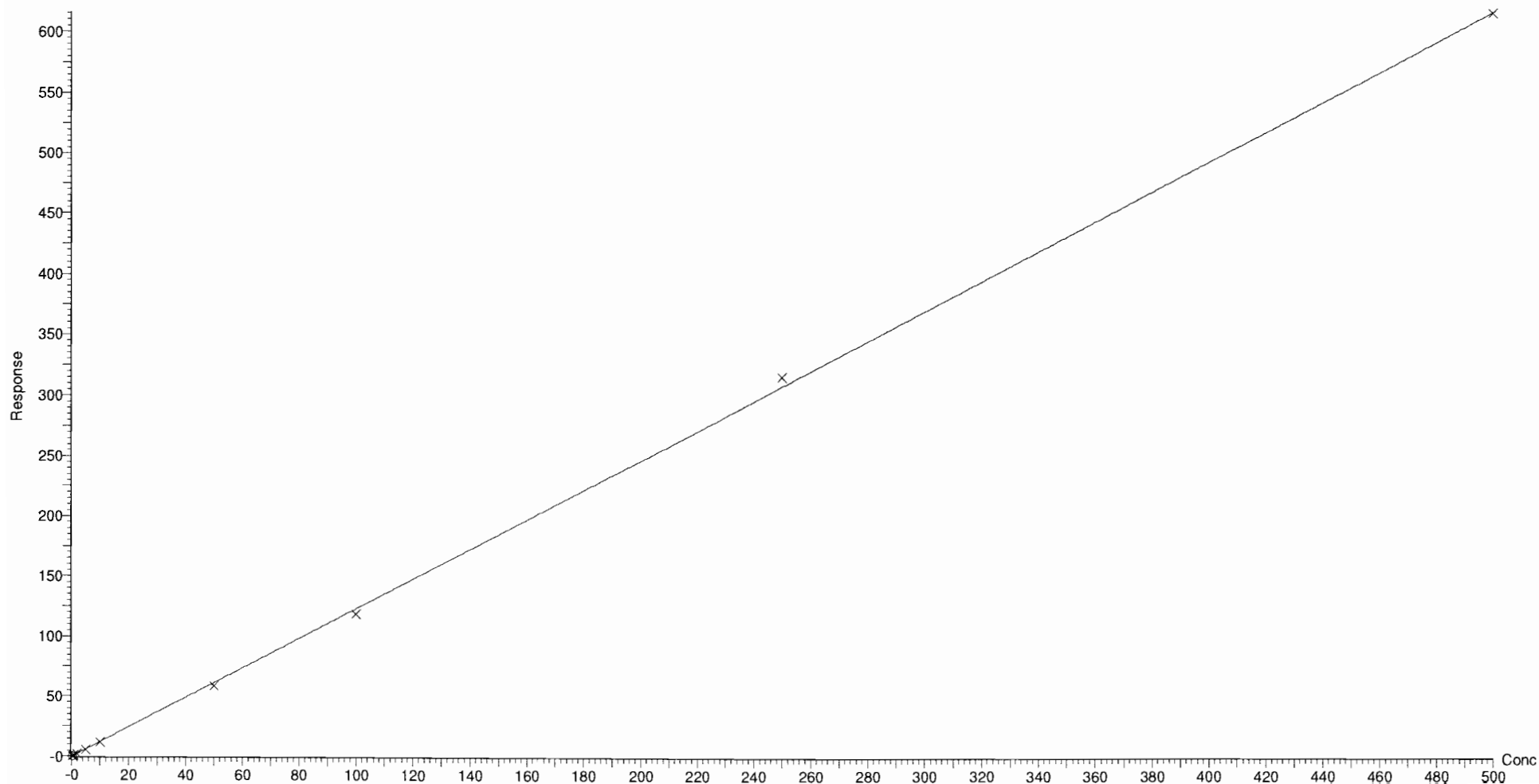
Compound name: PFBA

Correlation coefficient: $r = 0.999782$, $r^2 = 0.999563$

Calibration curve: $1.23195 * x + -0.174389$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

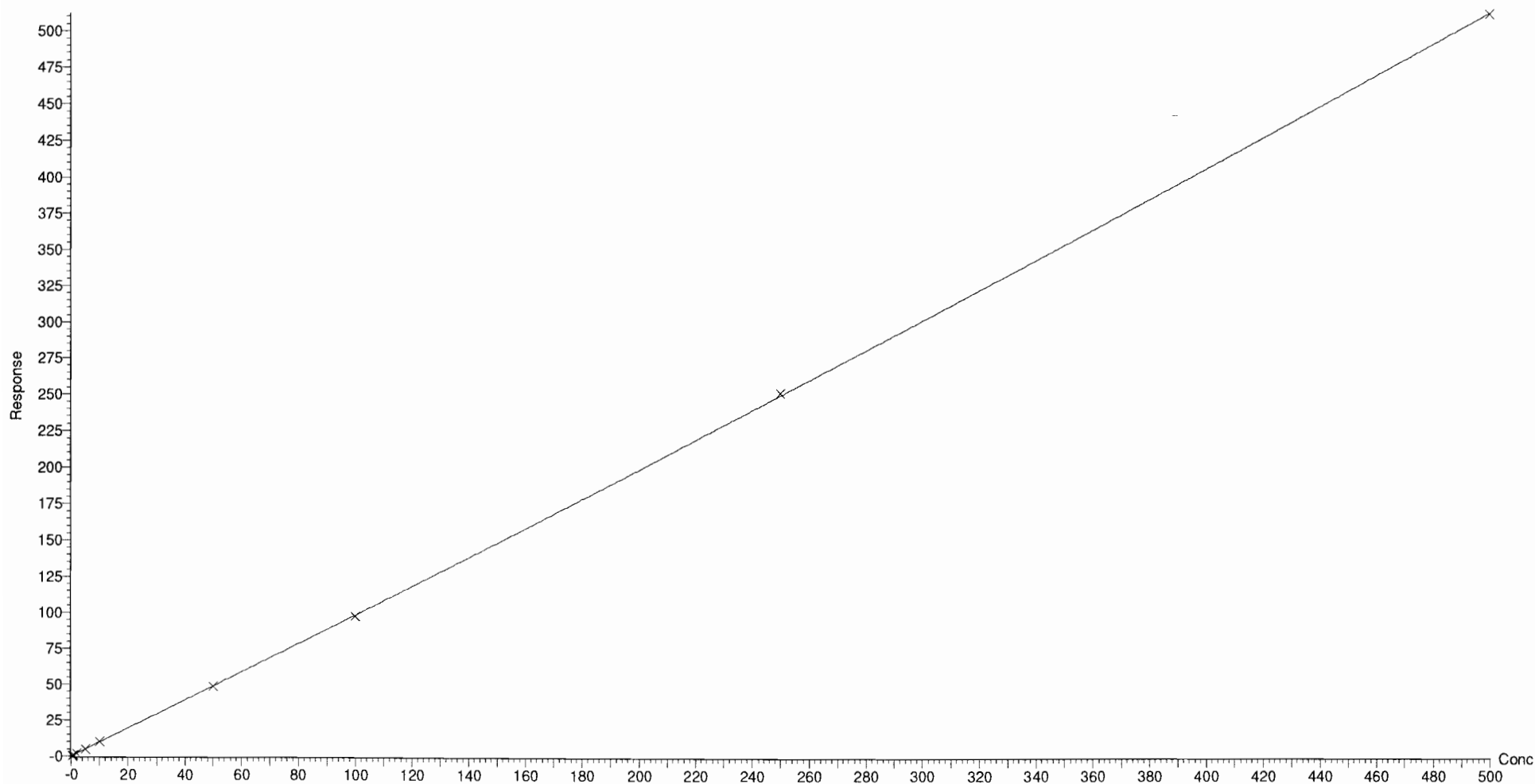
Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999963$

Calibration curve: $0.00010269 * x^2 + 0.973443 * x + 0.00419334$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

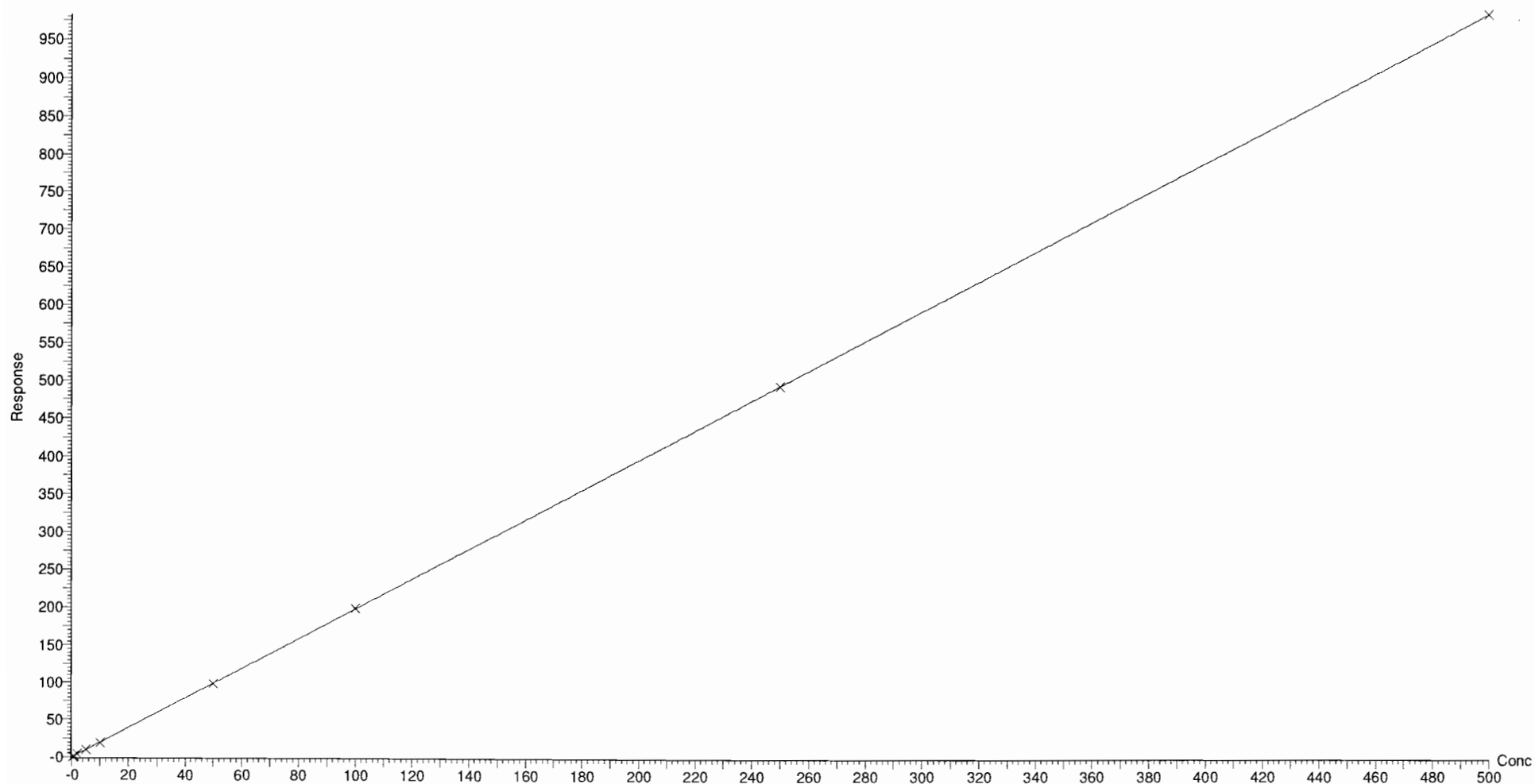
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999984$

Calibration curve: $-3.80253e-005 * x^2 + 1.98452 * x + -0.102938$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

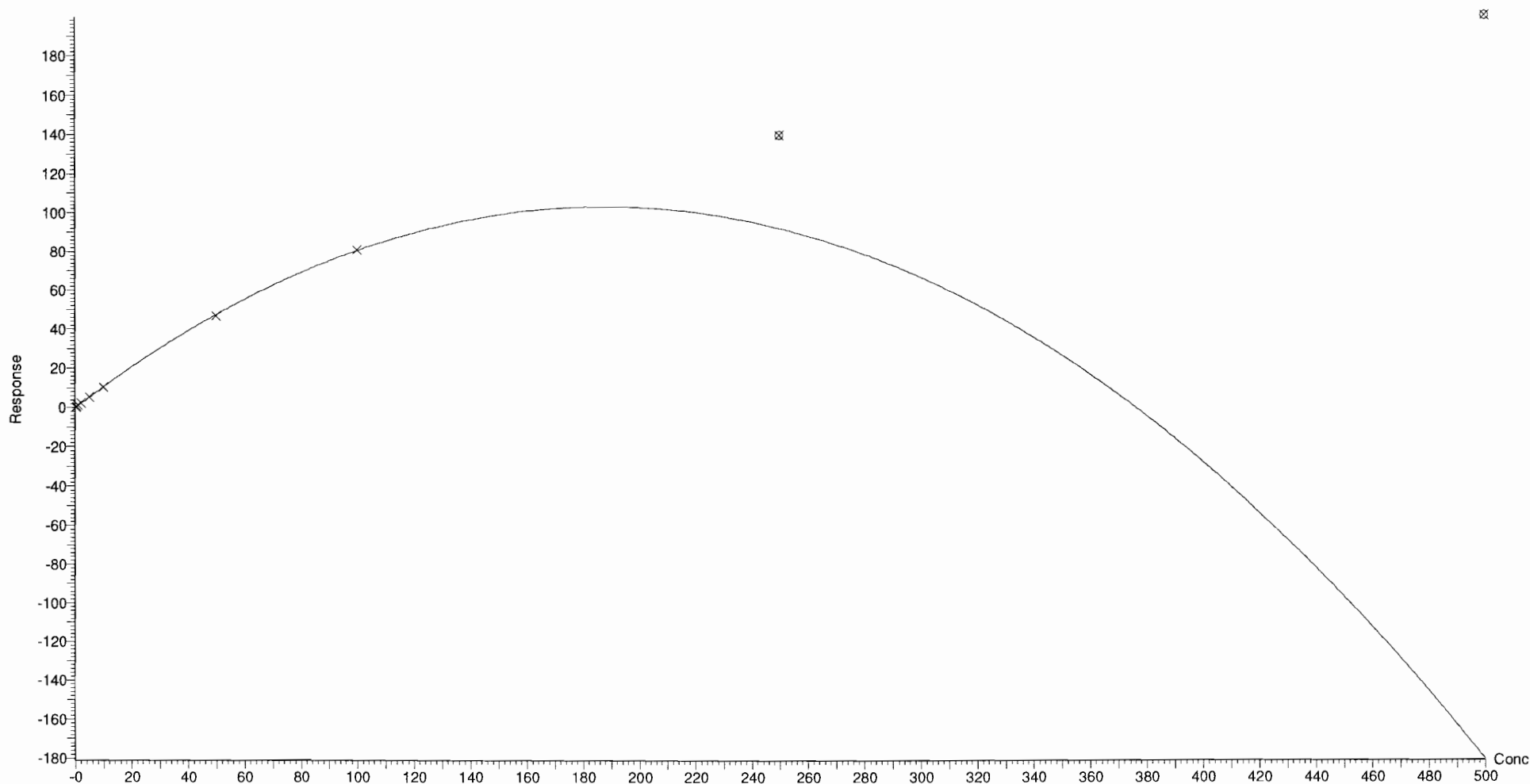
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.998897$

Calibration curve: $-0.00291608 * x^2 + 1.0972 * x + -0.0550911$

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

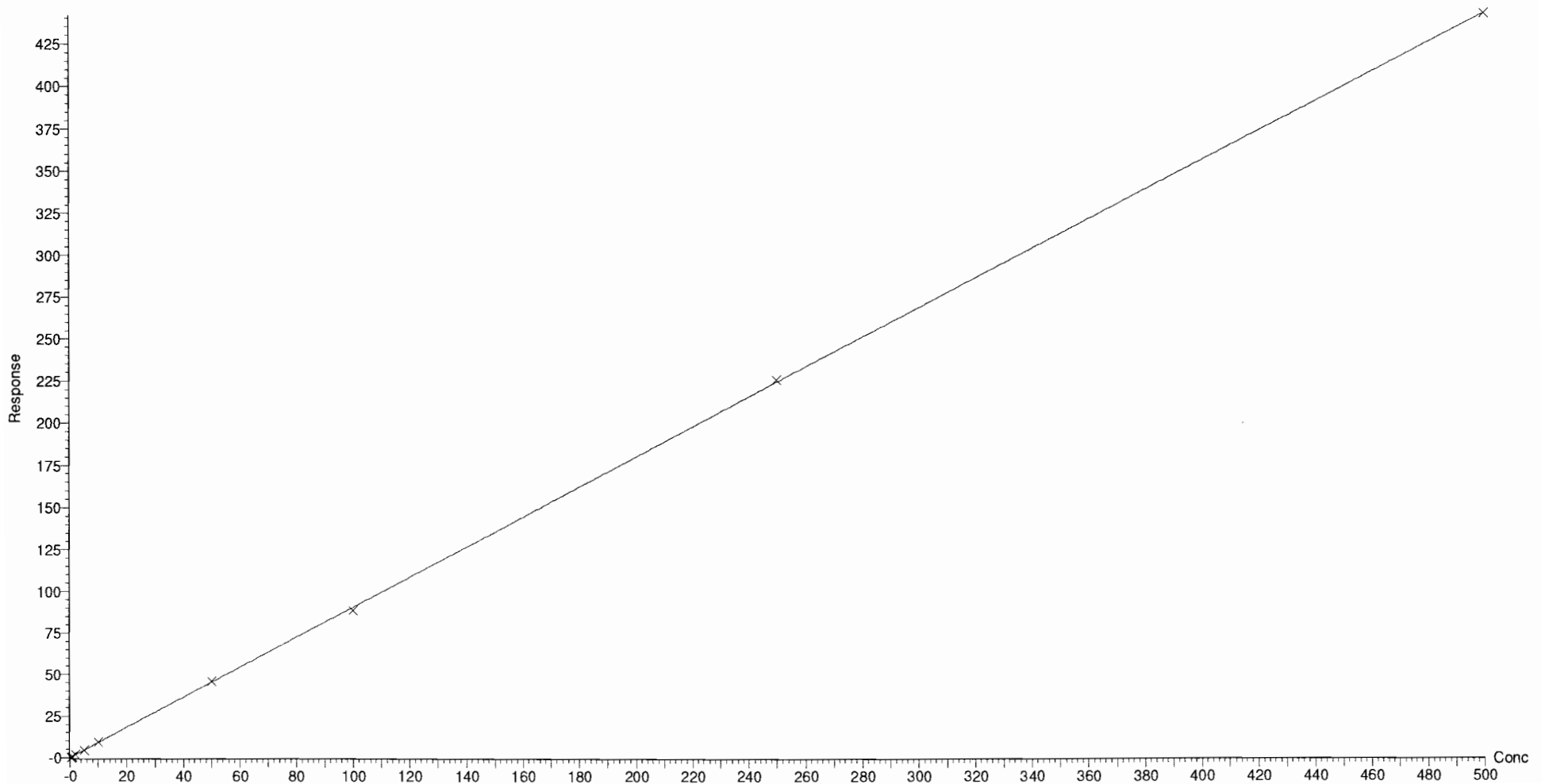
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999924$

Calibration curve: $-5.18124e-005 * x^2 + 0.910025 * x + 0.020046$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

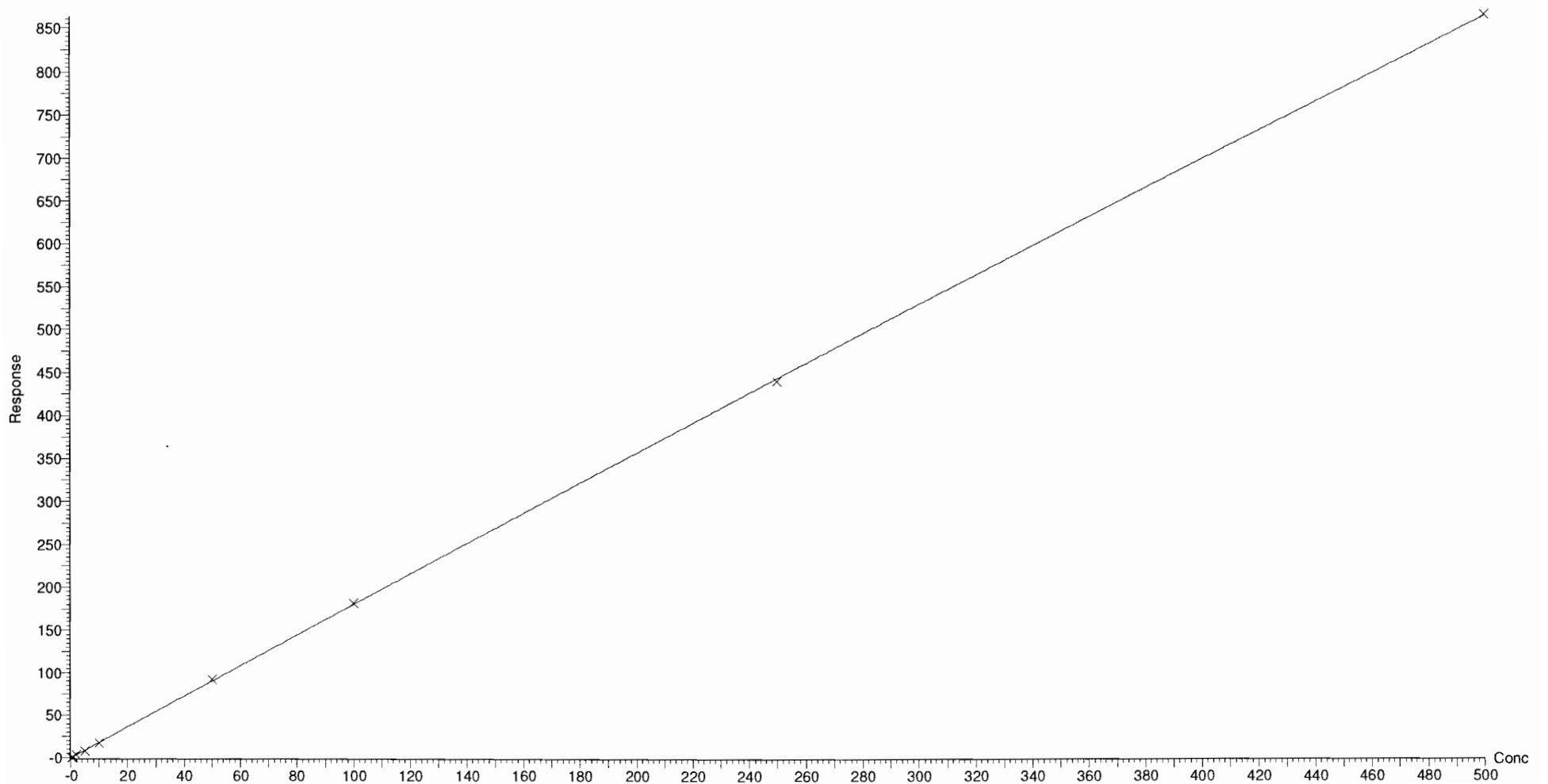
Compound name: PFPeS

Coefficient of Determination: $R^2 = 0.999872$

Calibration curve: $-0.00019592 * x^2 + 1.82345 * x + -0.139134$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

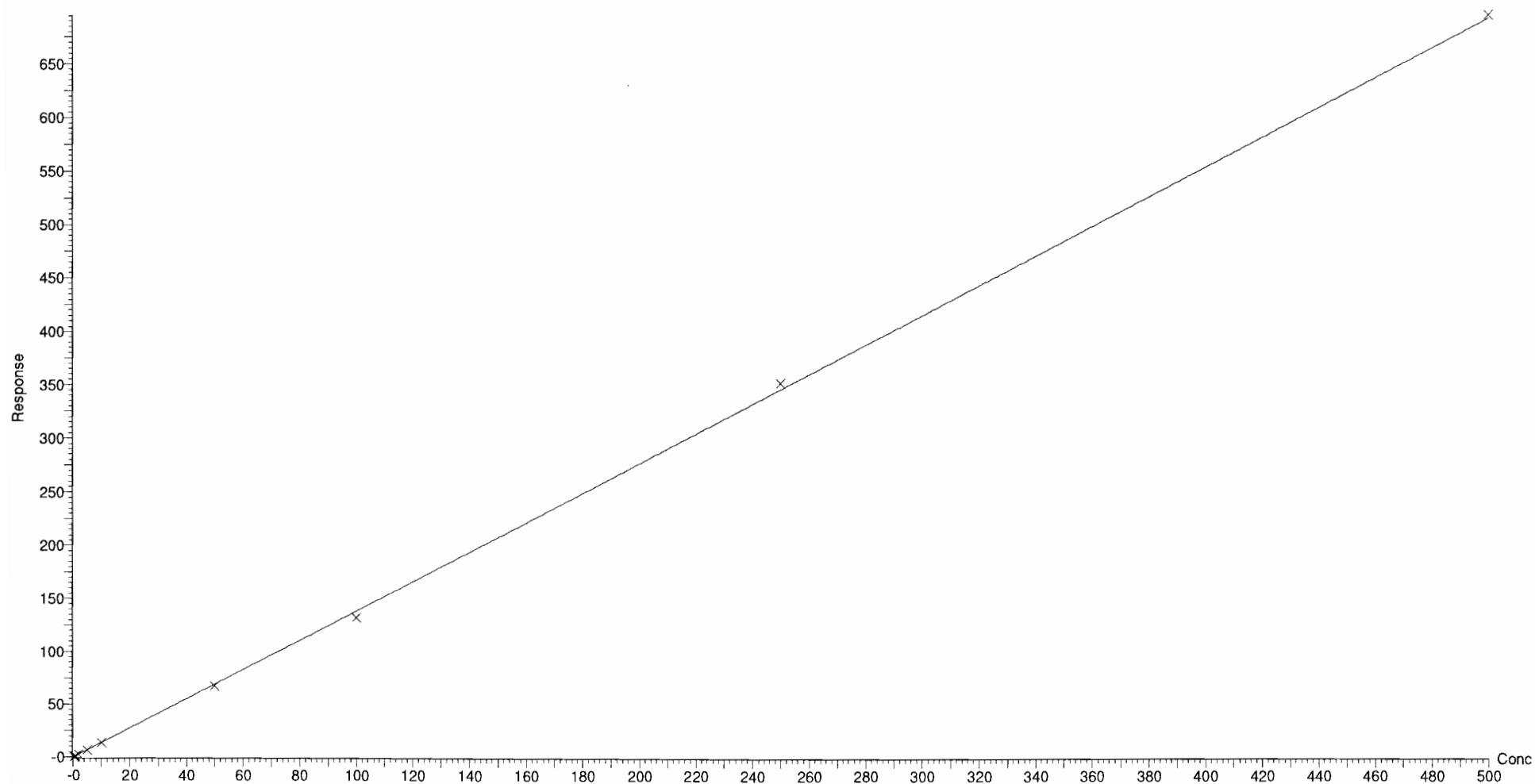
Compound name: PFHpA

Correlation coefficient: $r = 0.999807$, $r^2 = 0.999614$

Calibration curve: $1.38465 * x + -0.0200987$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

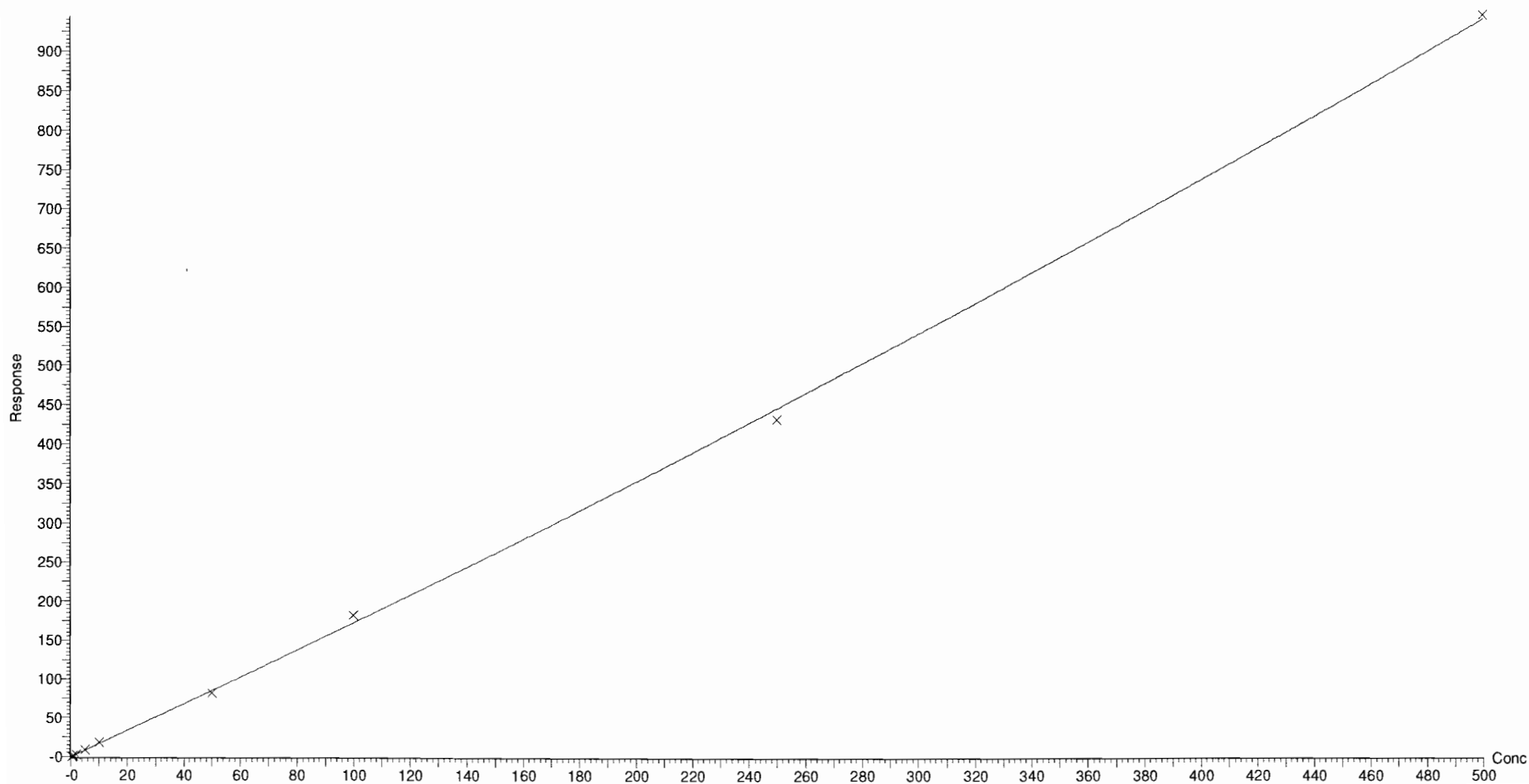
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

Compound name: L-PFHxS
Coefficient of Determination: $R^2 = 0.999220$
Calibration curve: $0.000382319 * x^2 + 1.68684 * x + -0.0930833$
Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

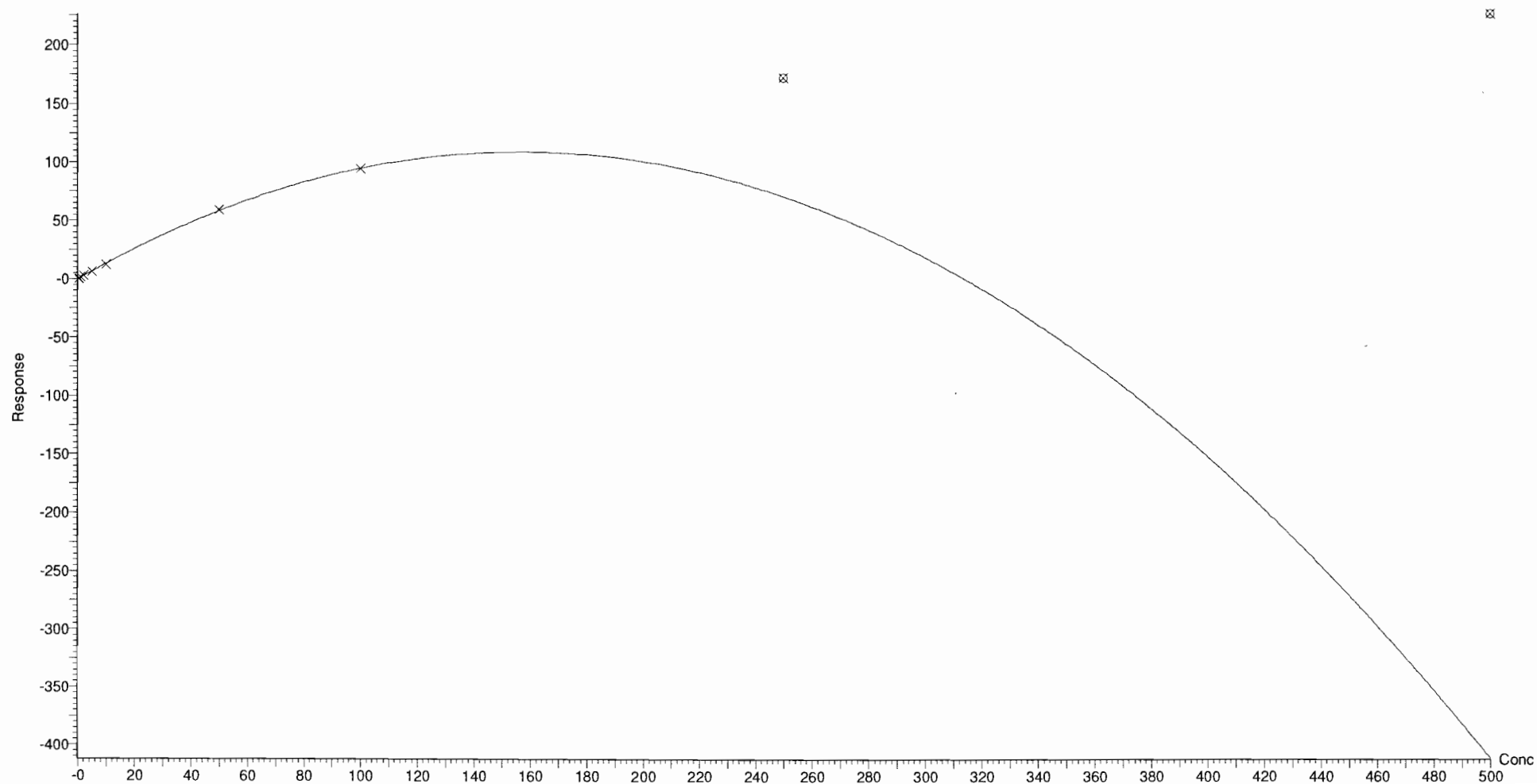
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.998426$

Calibration curve: $-0.00442668 * x^2 + 1.39066 * x + -0.0358781$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

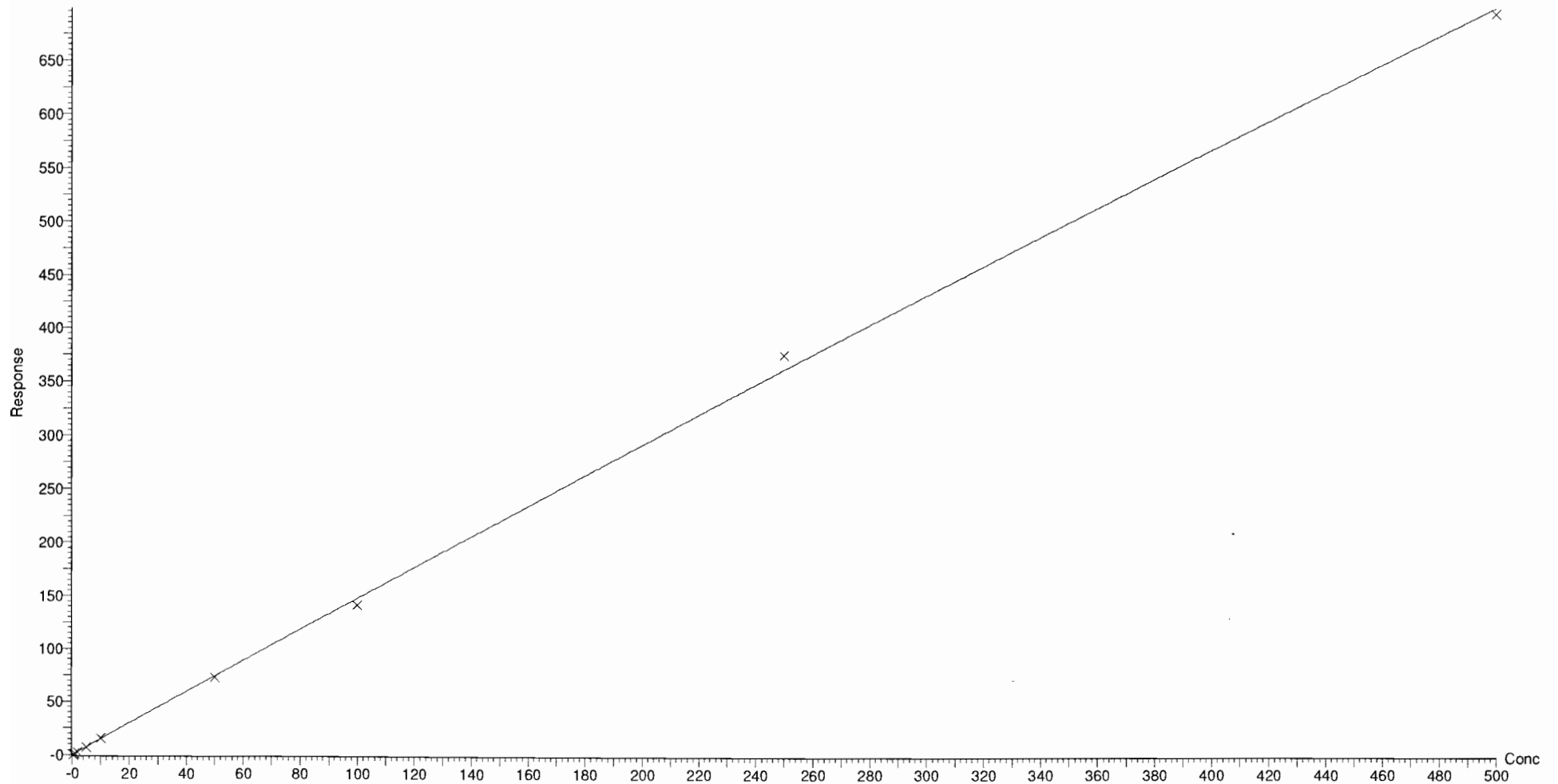
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999255$

Calibration curve: $-0.000202168 * x^2 + 1.4975 * x + 0.067566$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

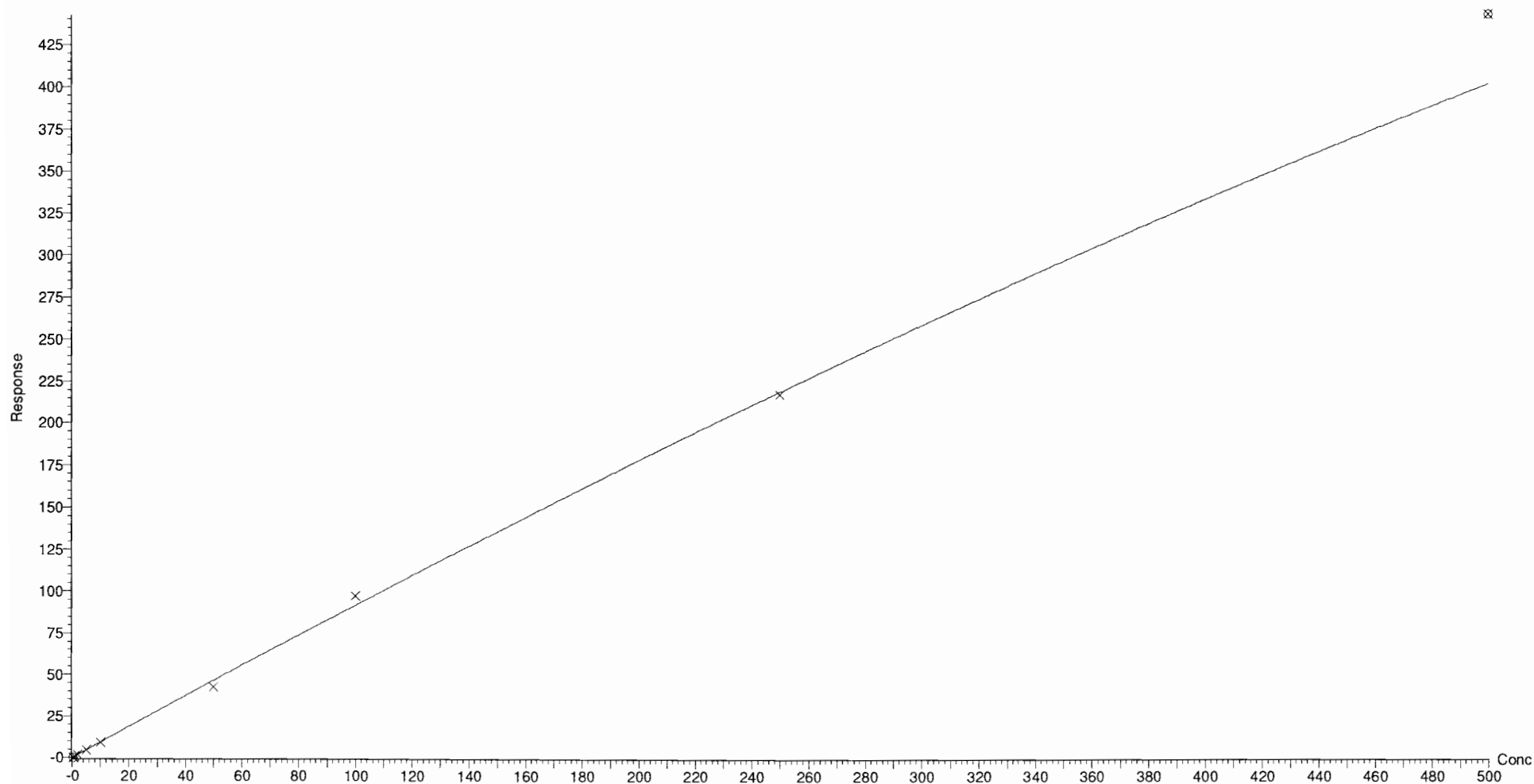
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.997663$

Calibration curve: $-0.000290238 * x^2 + 0.948966 * x + -0.161397$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

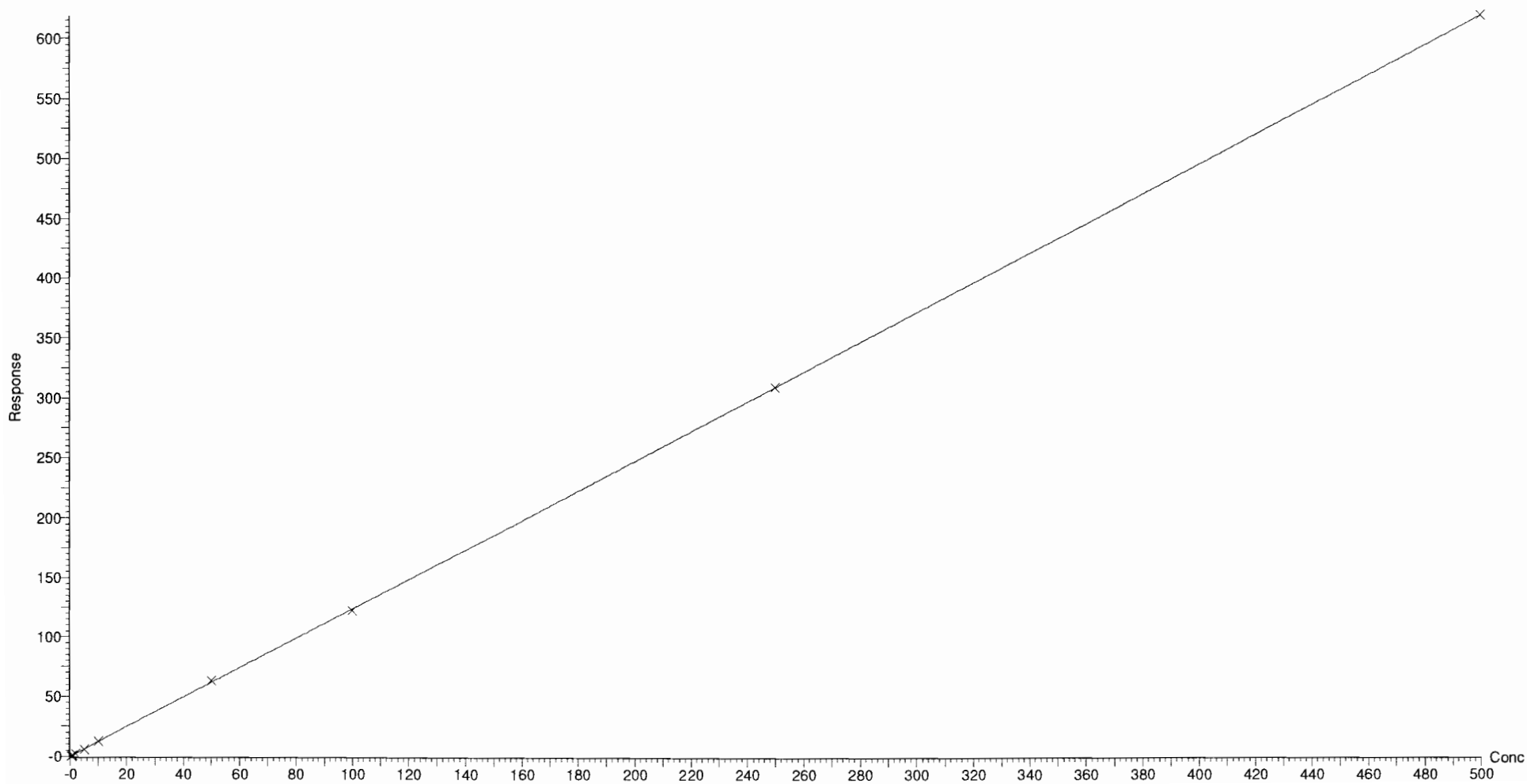
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999917$

Calibration curve: $3.35117e-007 * x^2 + 1.23684 * x + -0.0421891$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

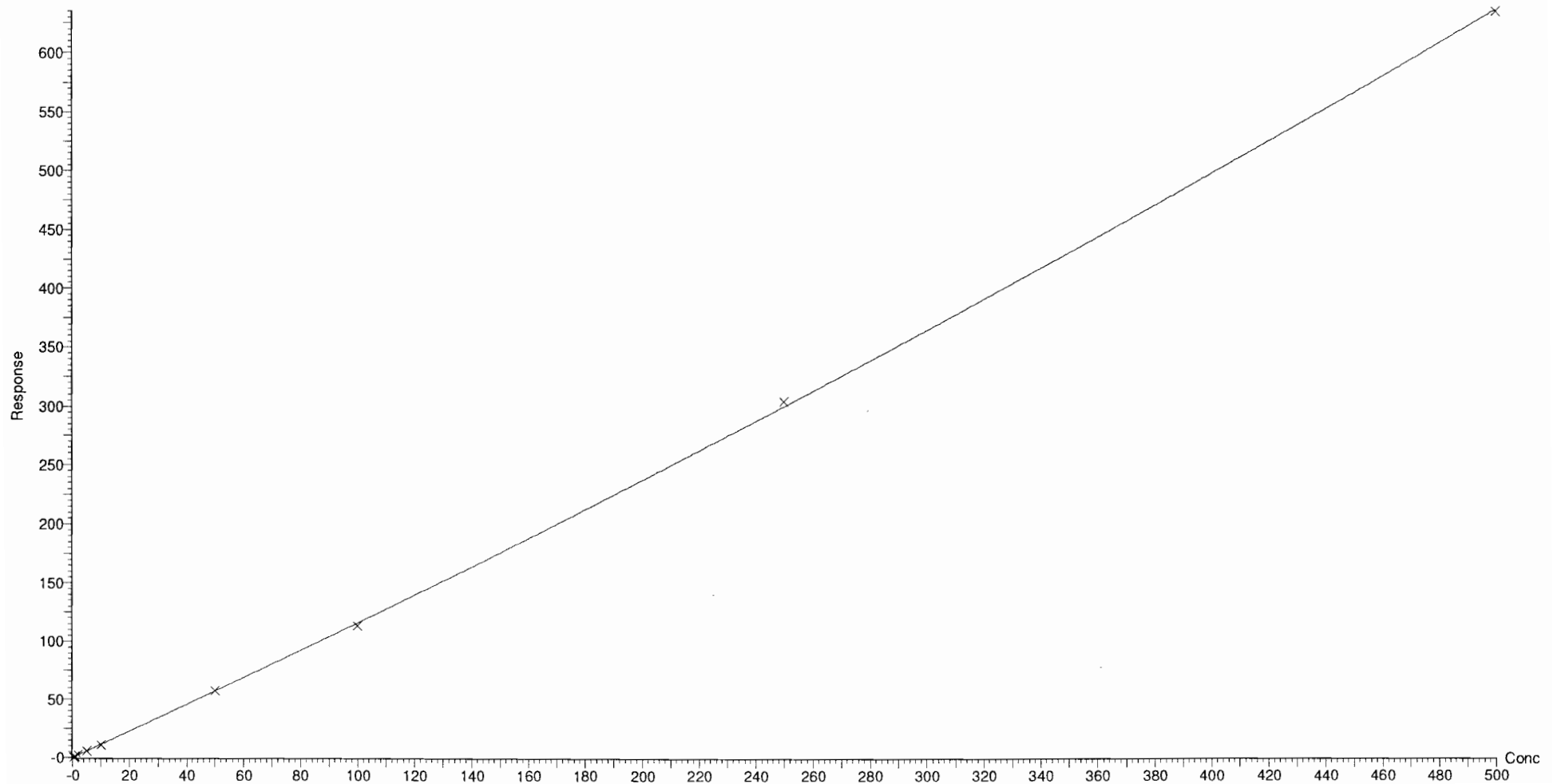
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

Compound name: PFOSA
Coefficient of Determination: $R^2 = 0.999854$
Calibration curve: $0.000283242 * x^2 + 1.12872 * x + -0.0438286$
Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

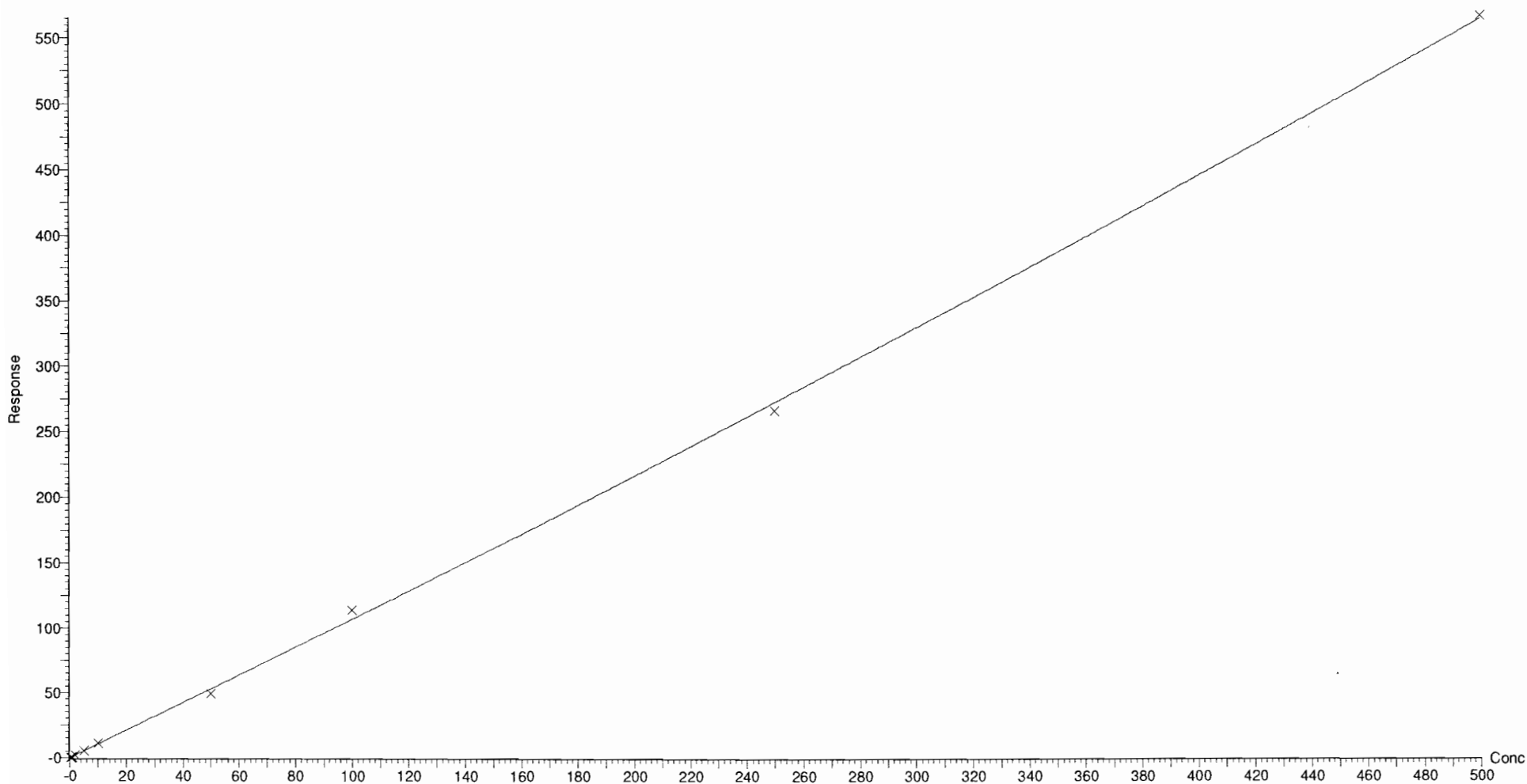
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999110$

Calibration curve: $0.000150191 * x^2 + 1.05182 * x + -0.0120711$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

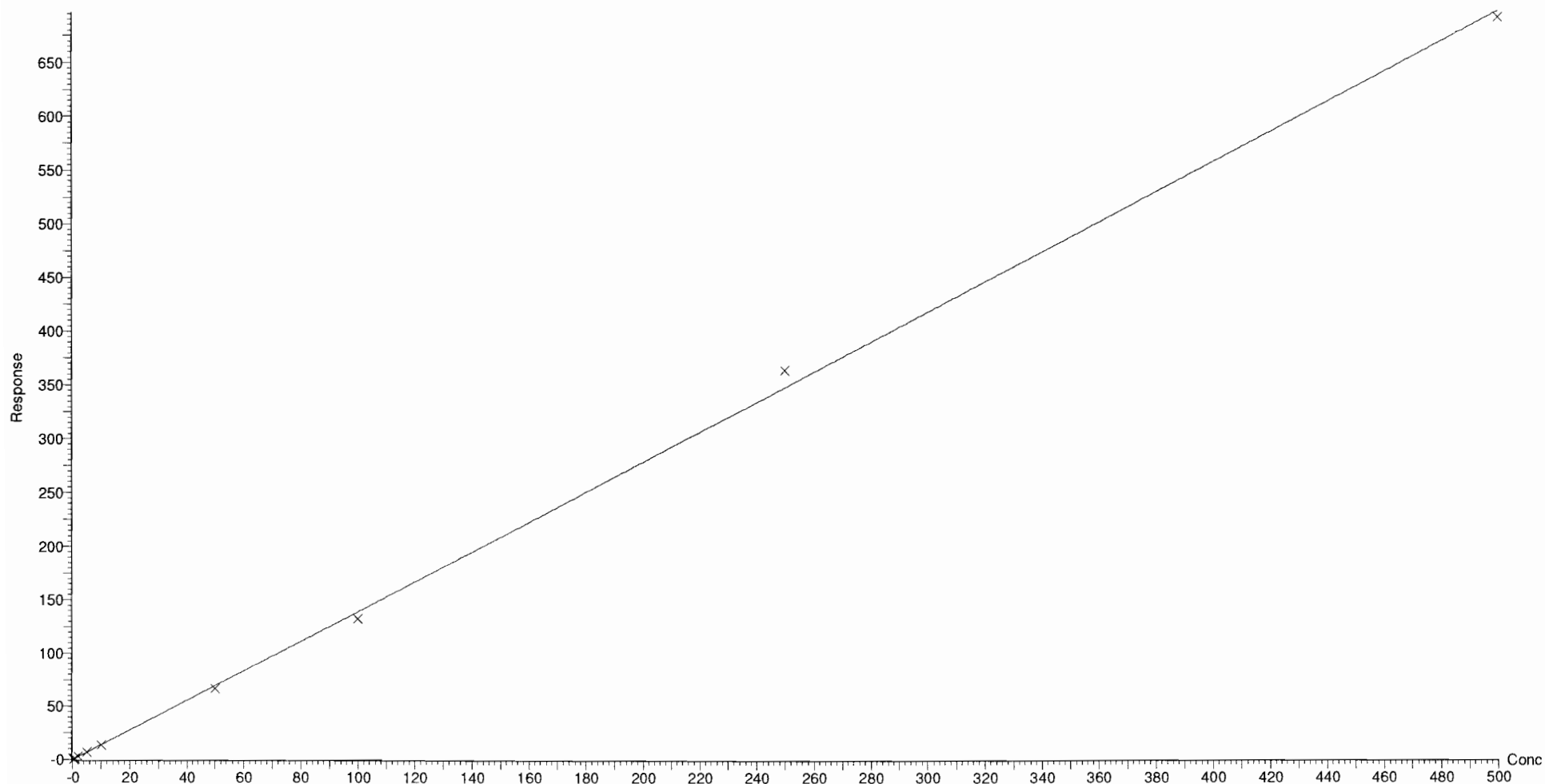
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999017$

Calibration curve: $6.4691e-006 * x^2 + 1.38938 * x + -0.0795394$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

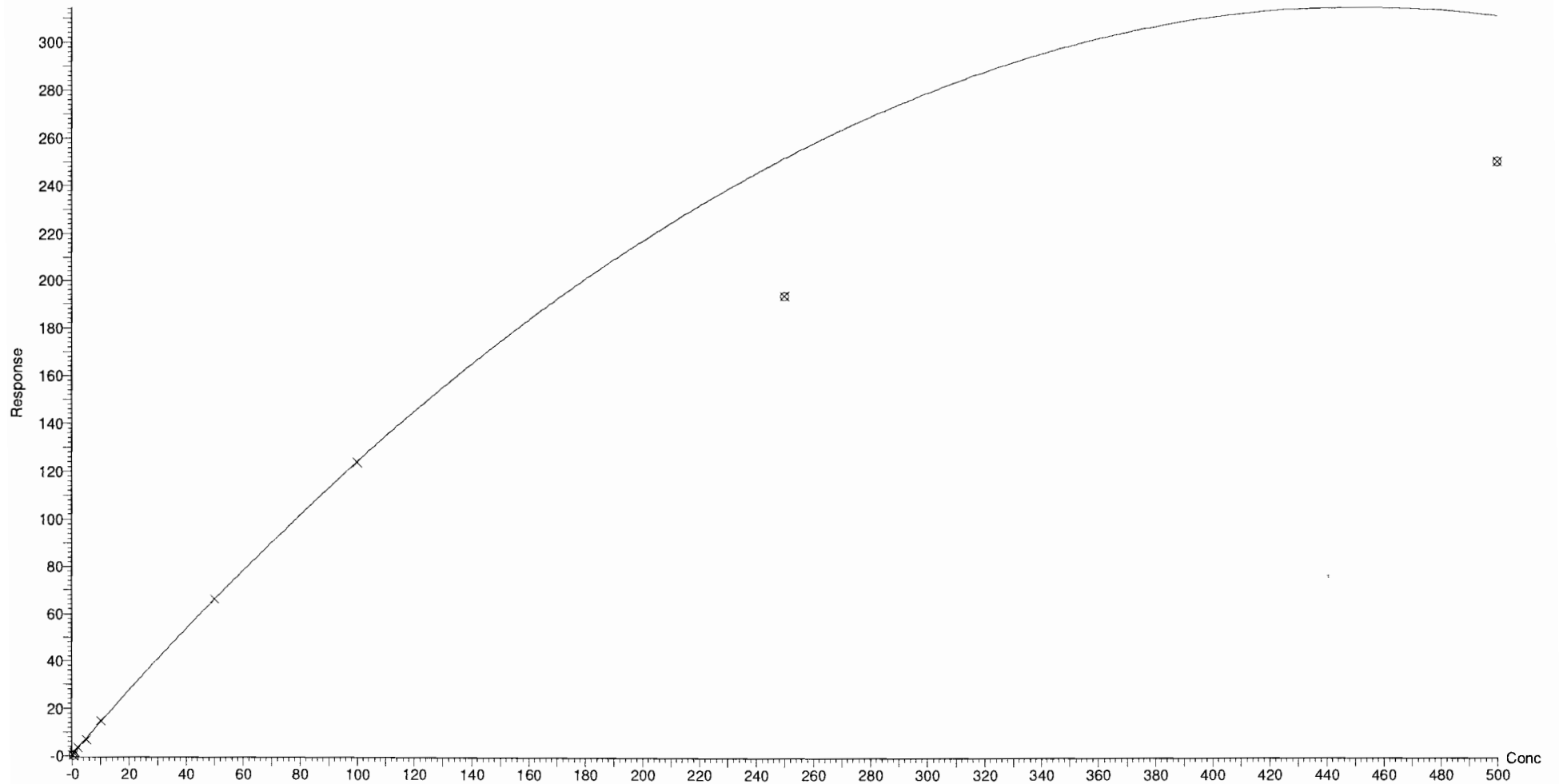
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.999341$

Calibration curve: $-0.00153892 * x^2 + 1.39002 * x + 0.555912$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

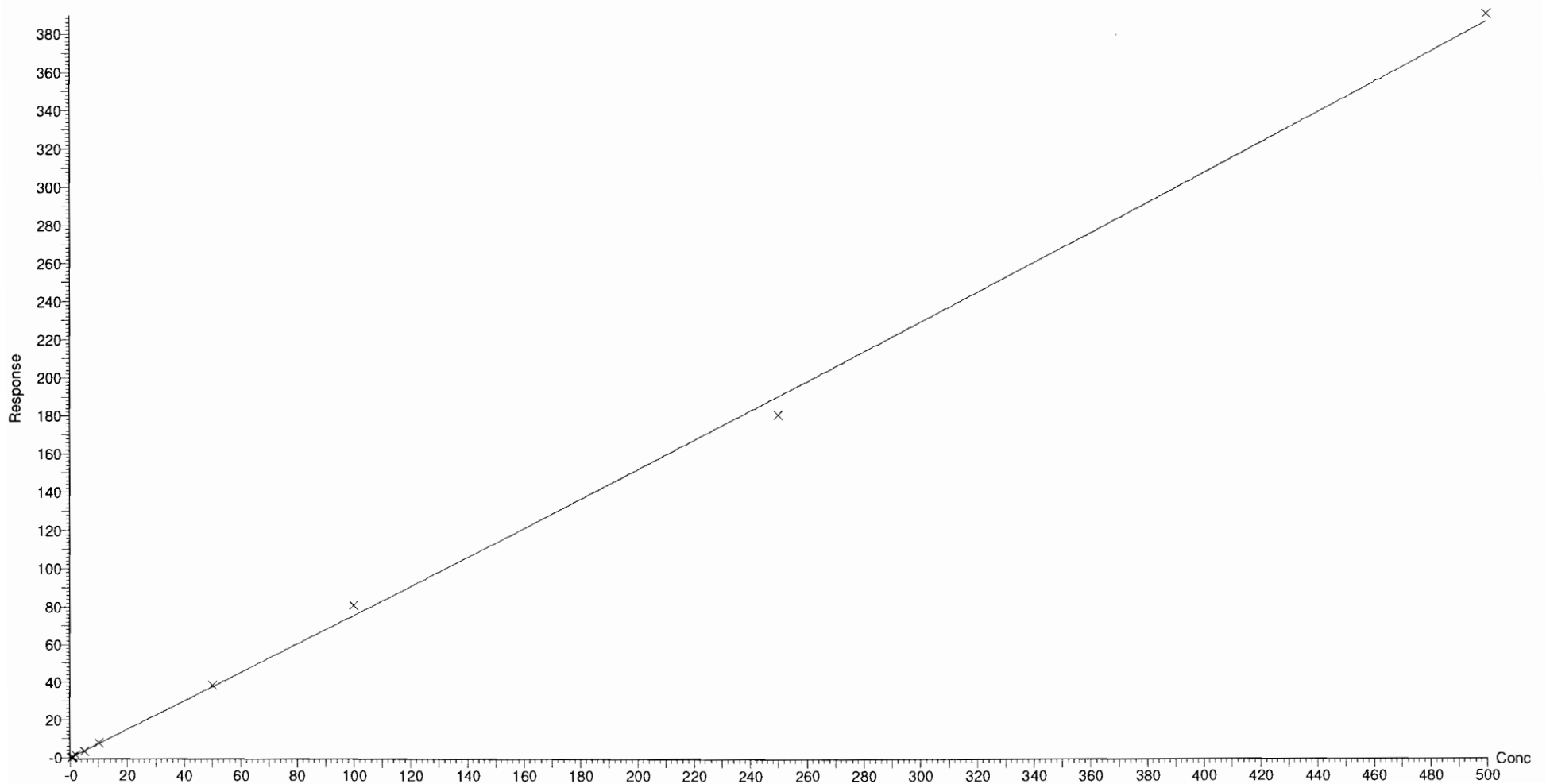
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.998522$

Calibration curve: $4.0796e-005 * x^2 + 0.751259 * x + 0.0183299$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

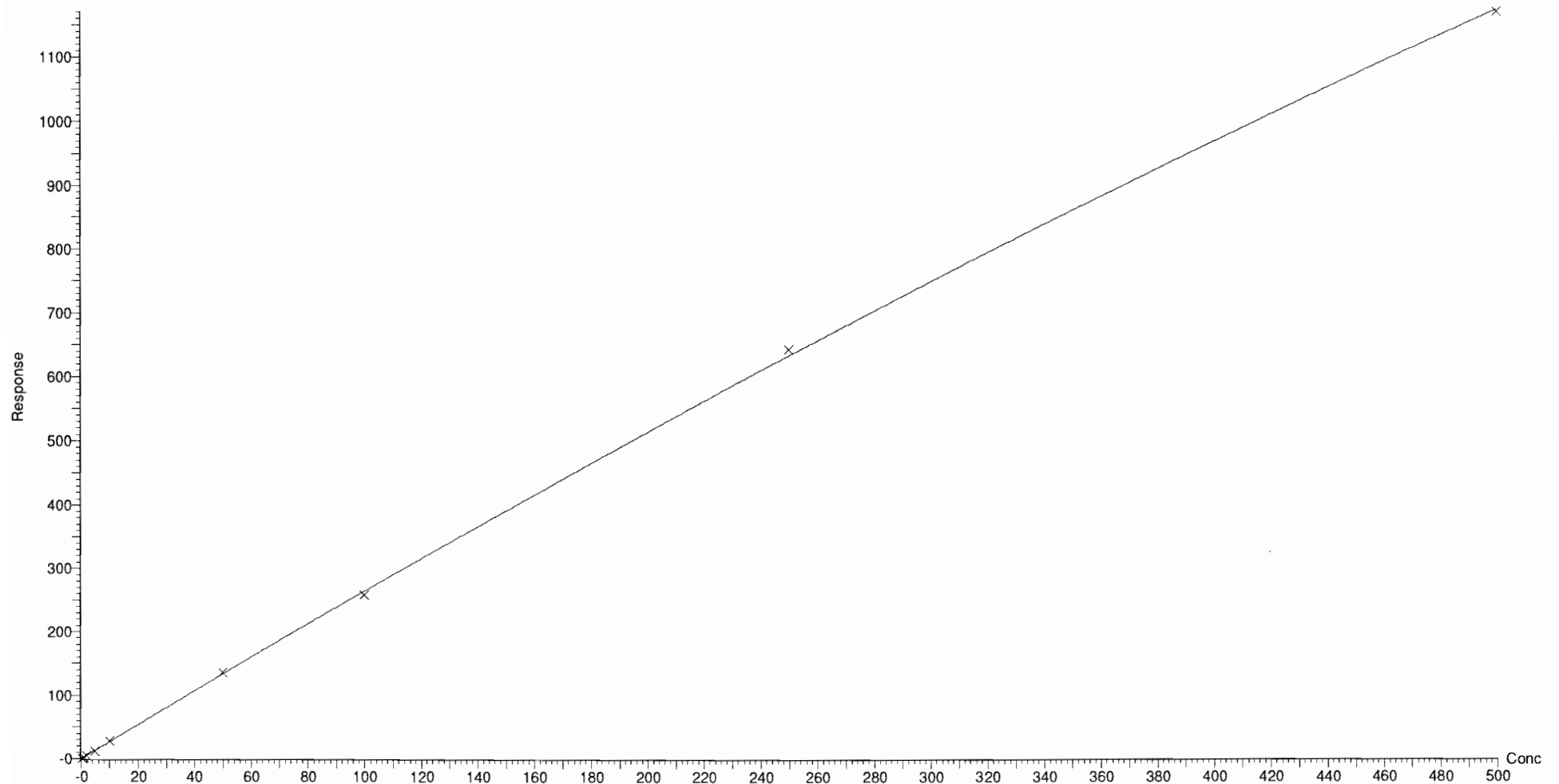
Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.999638$

Calibration curve: $-0.000759307 * x^2 + 2.7228 * x + -0.196175$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:41 Pacific Daylight Time

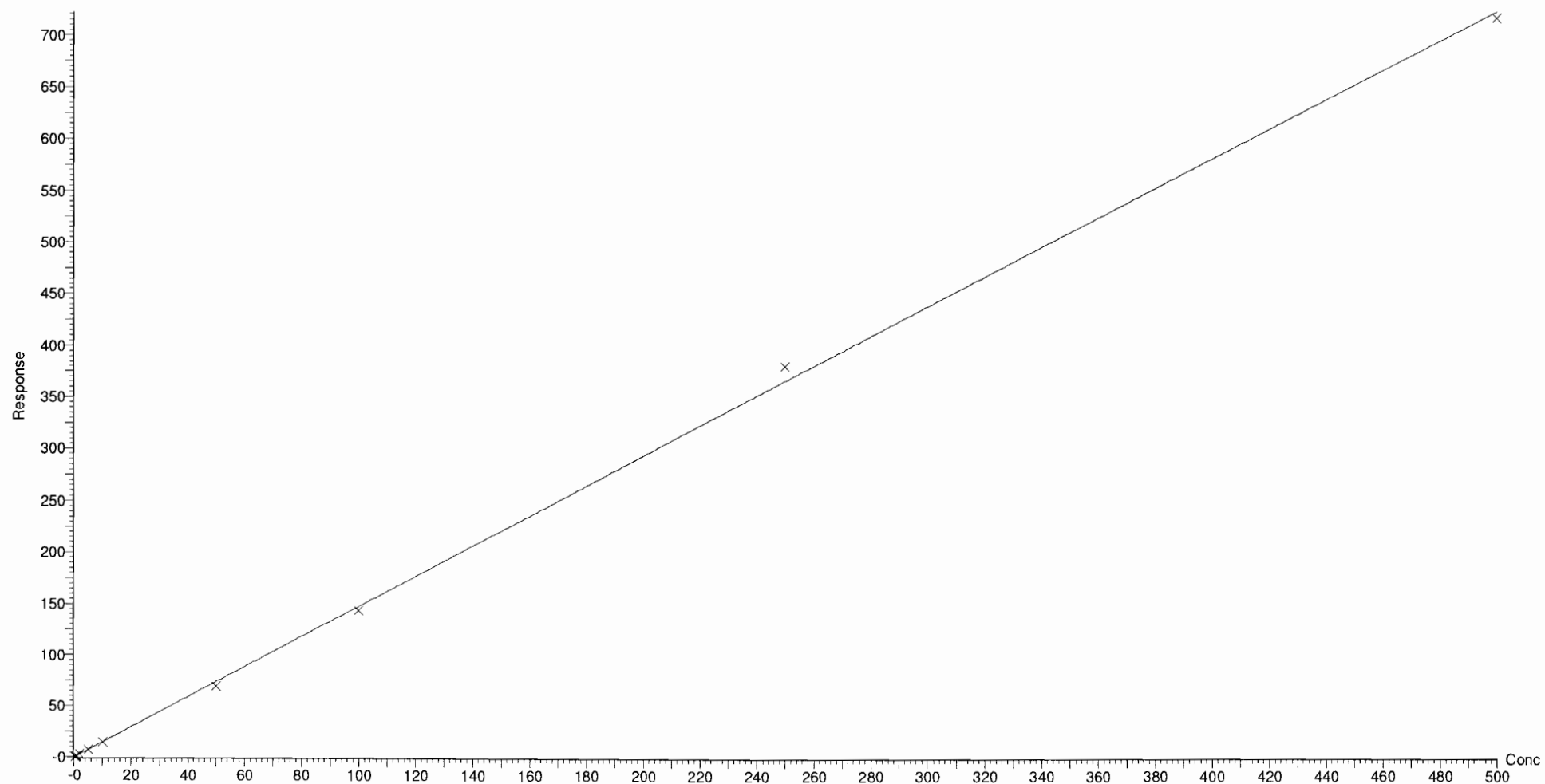
Compound name: L-EtFOSAA

Coefficient of Determination: $R^2 = 0.999175$

Calibration curve: $-8.20168e-005 * x^2 + 1.48567 * x + -0.138939$

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\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

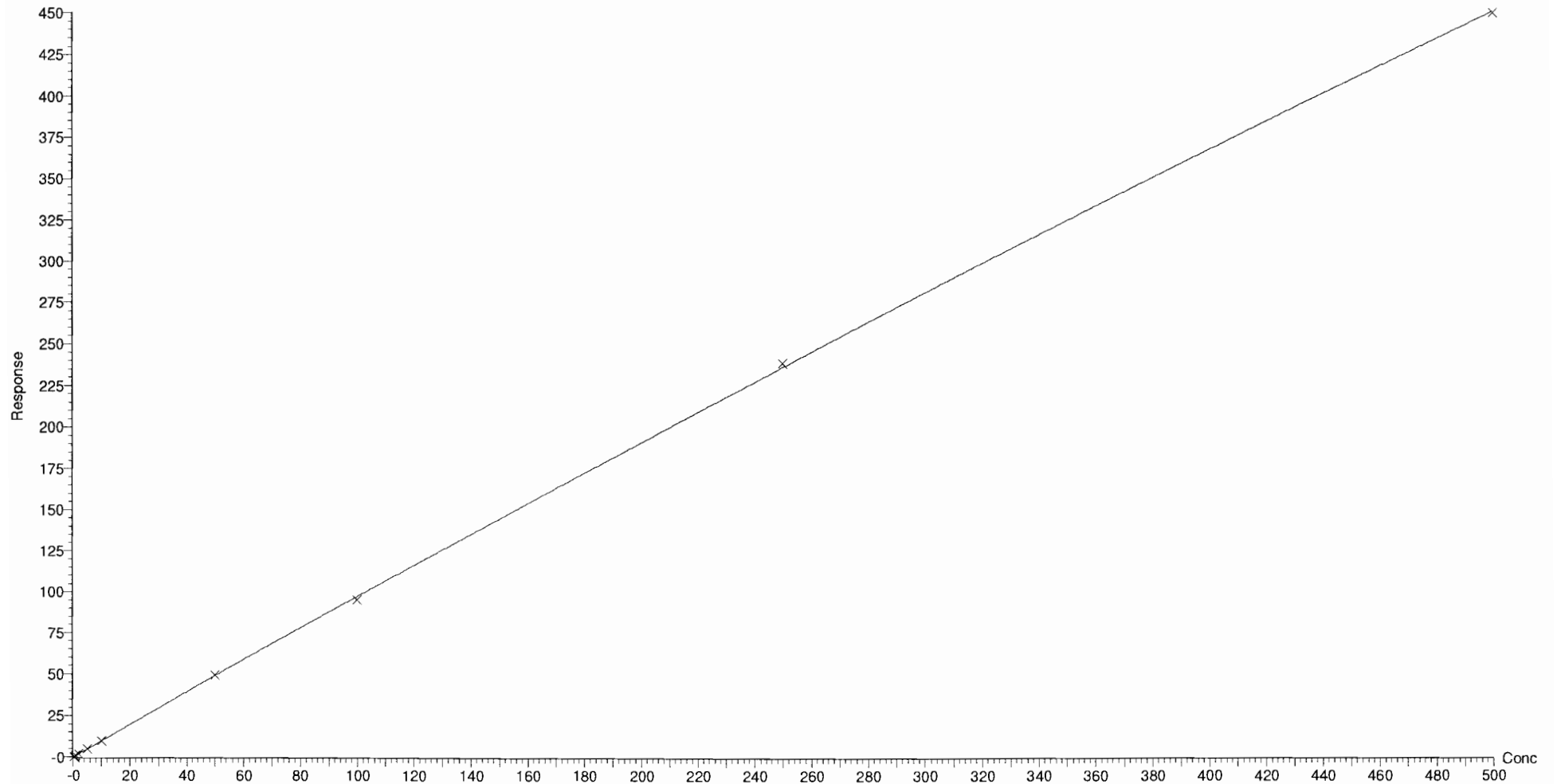
Compound name: PFUdA

Coefficient of Determination: R² = 0.999883

Calibration curve: $-0.000178294 * x^2 + 0.989866 * x + 0.0261185$

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

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

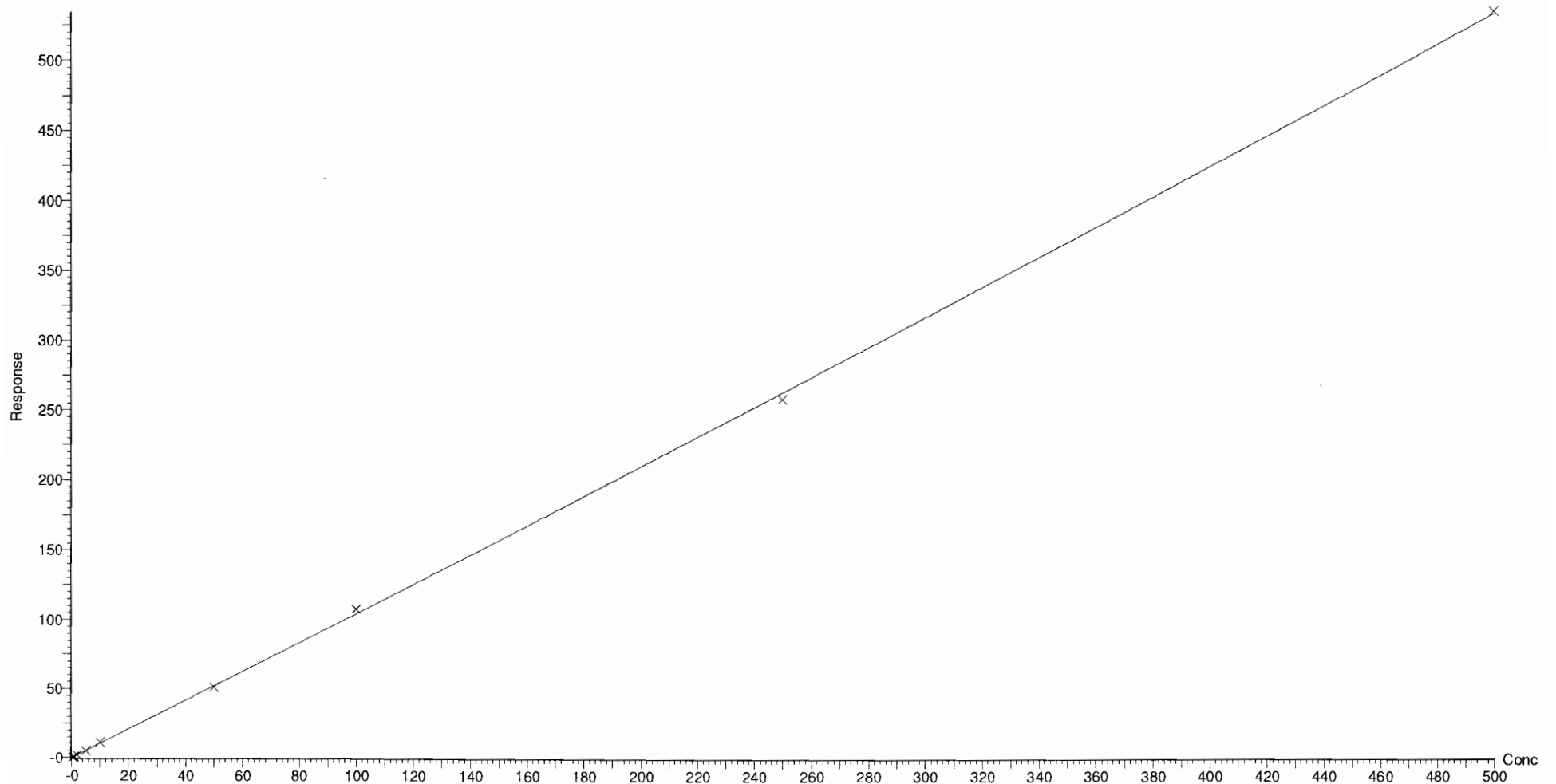
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.999723$

Calibration curve: $5.40153e-005 * x^2 + 1.03781 * x + 0.081602$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

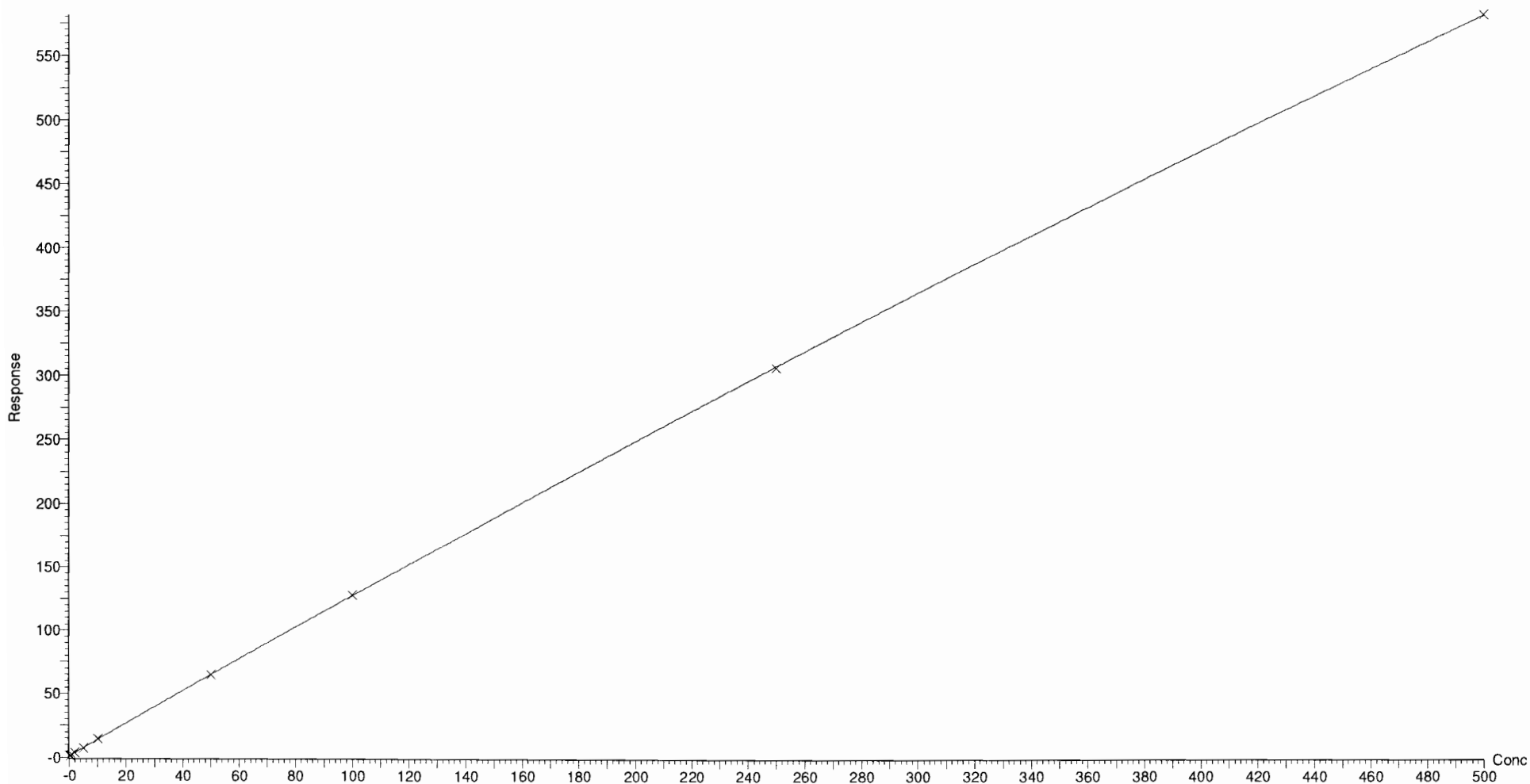
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999937$

Calibration curve: $-0.000260768 * x^2 + 1.28996 * x + 1.33839$

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

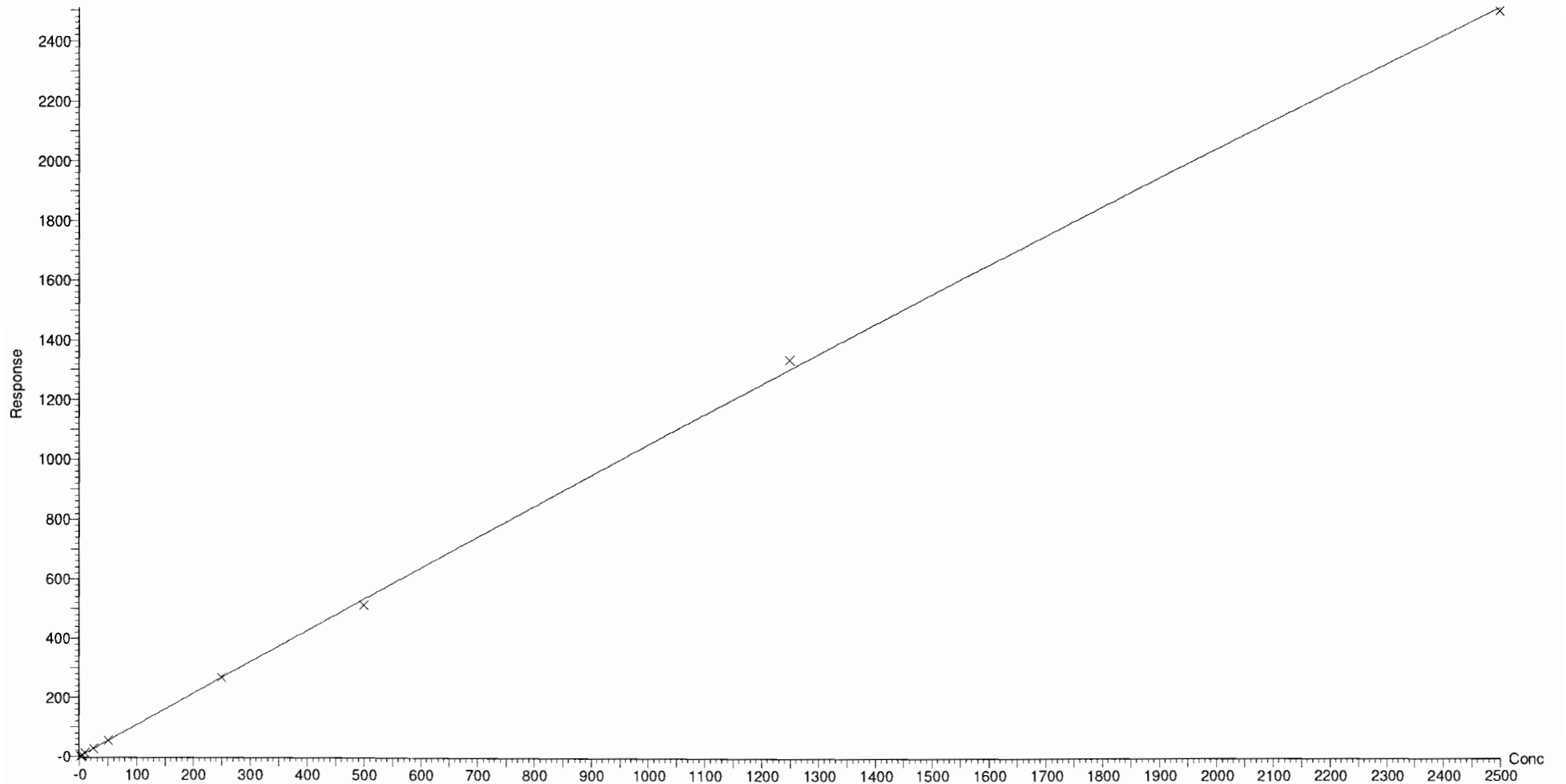
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

Compound name: N-MeFOSA
Coefficient of Determination: $R^2 = 0.999566$
Calibration curve: $-3.15645e-005 * x^2 + 1.08284 * x + -0.197057$
Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

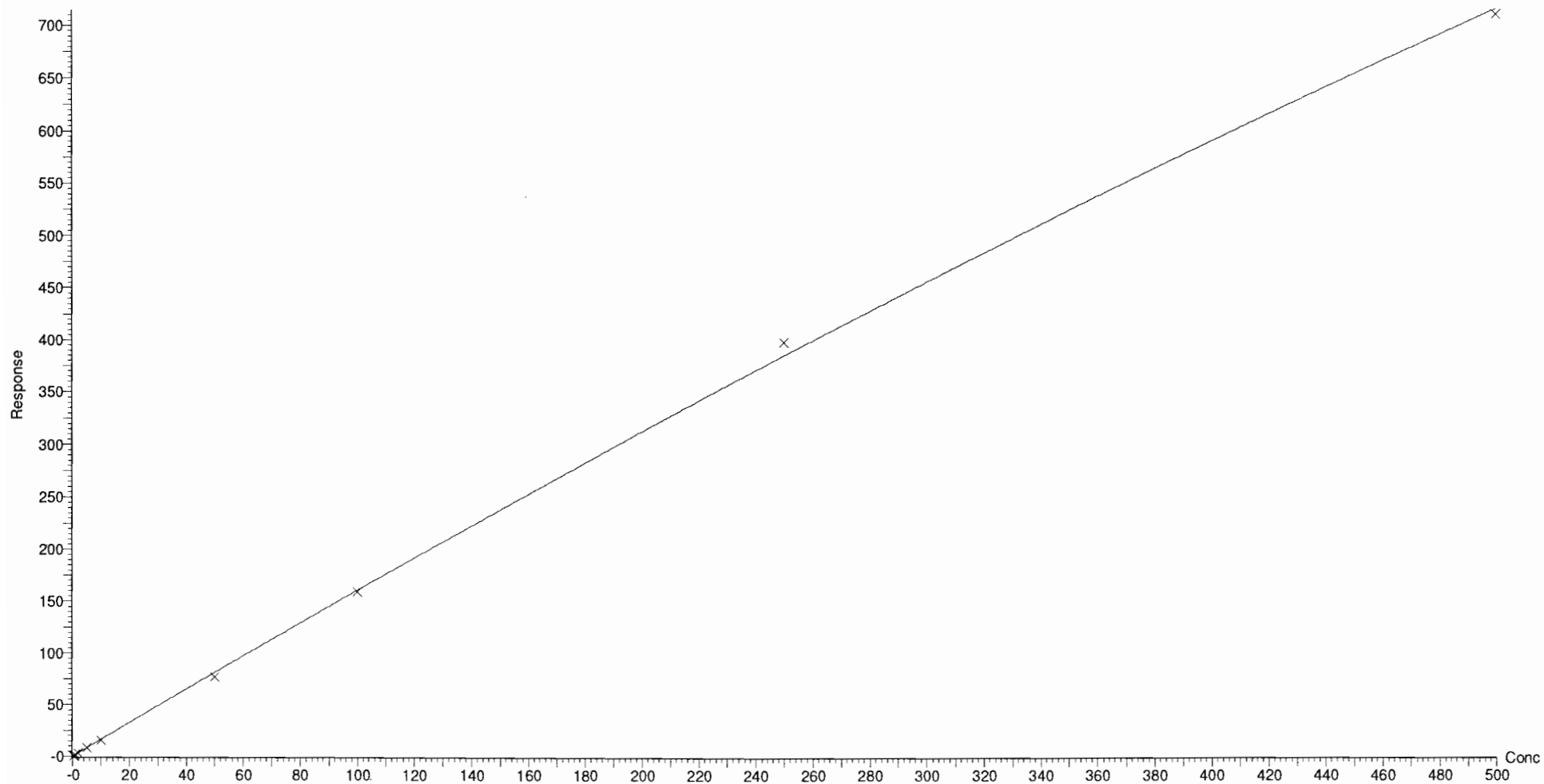
Compound name: PFTrDA

Coefficient of Determination: $R^2 = 0.999383$

Calibration curve: $-0.000441338 * x^2 + 1.65056 * x + -0.0130641$

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

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

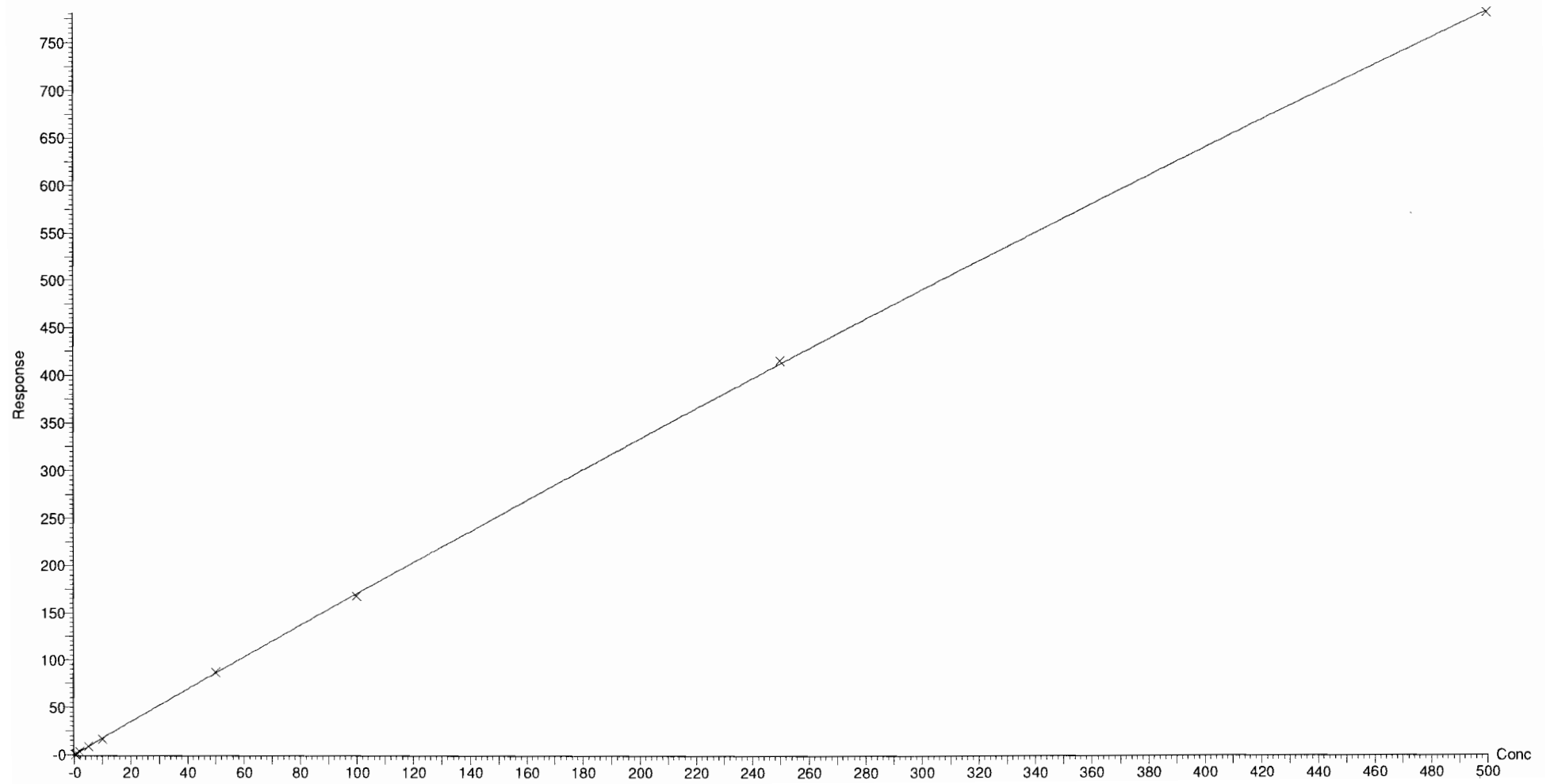


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

Compound name: PFTeDA
Coefficient of Determination: $R^2 = 0.999886$
Calibration curve: $-0.000341618 * x^2 + 1.73242 * x + 0.144629$
Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

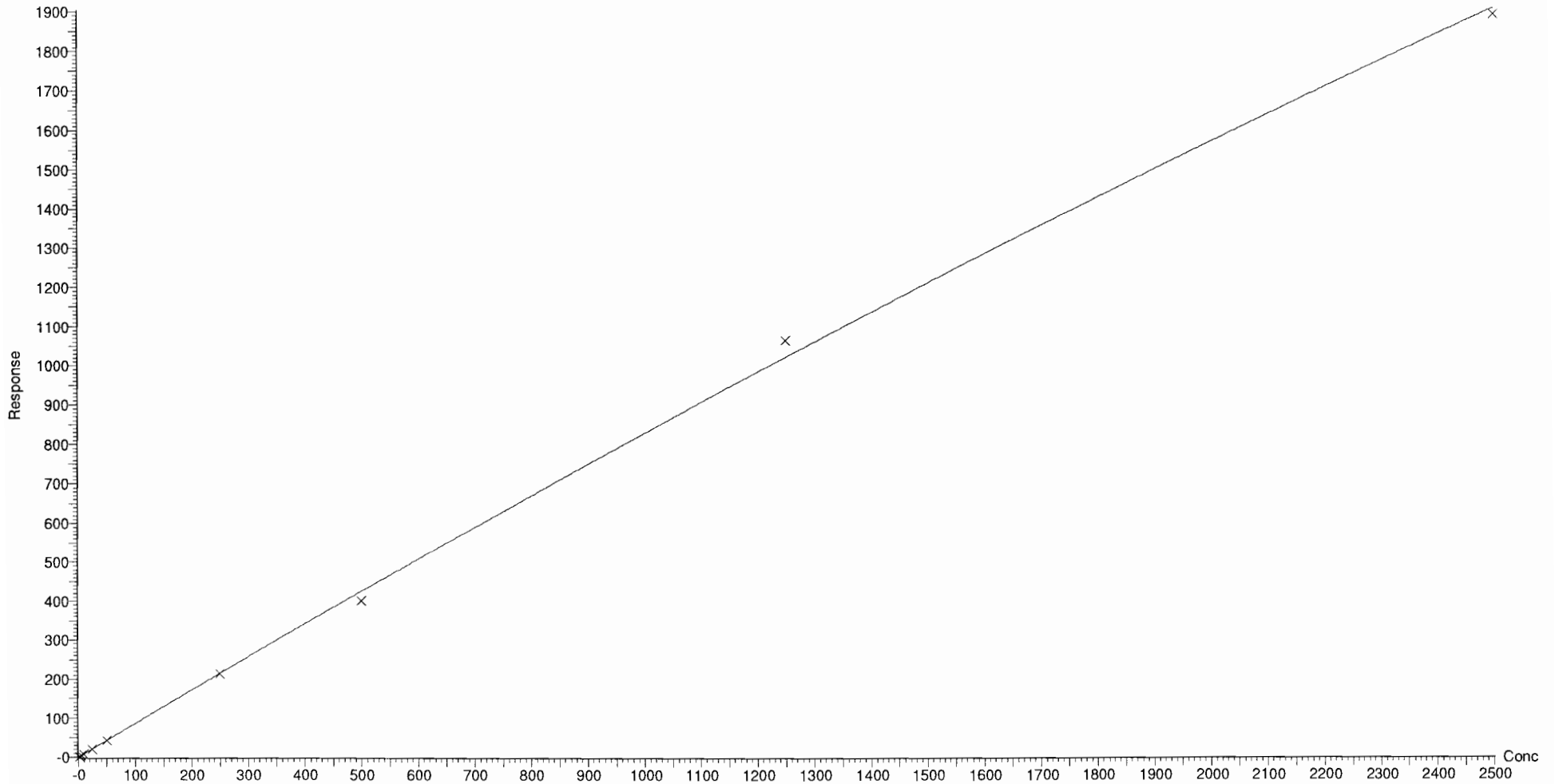


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

Compound name: N-EtFOSA
Coefficient of Determination: $R^2 = 0.999007$
Calibration curve: $-4.4577e-005 * x^2 + 0.873458 * x + -0.16703$
Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

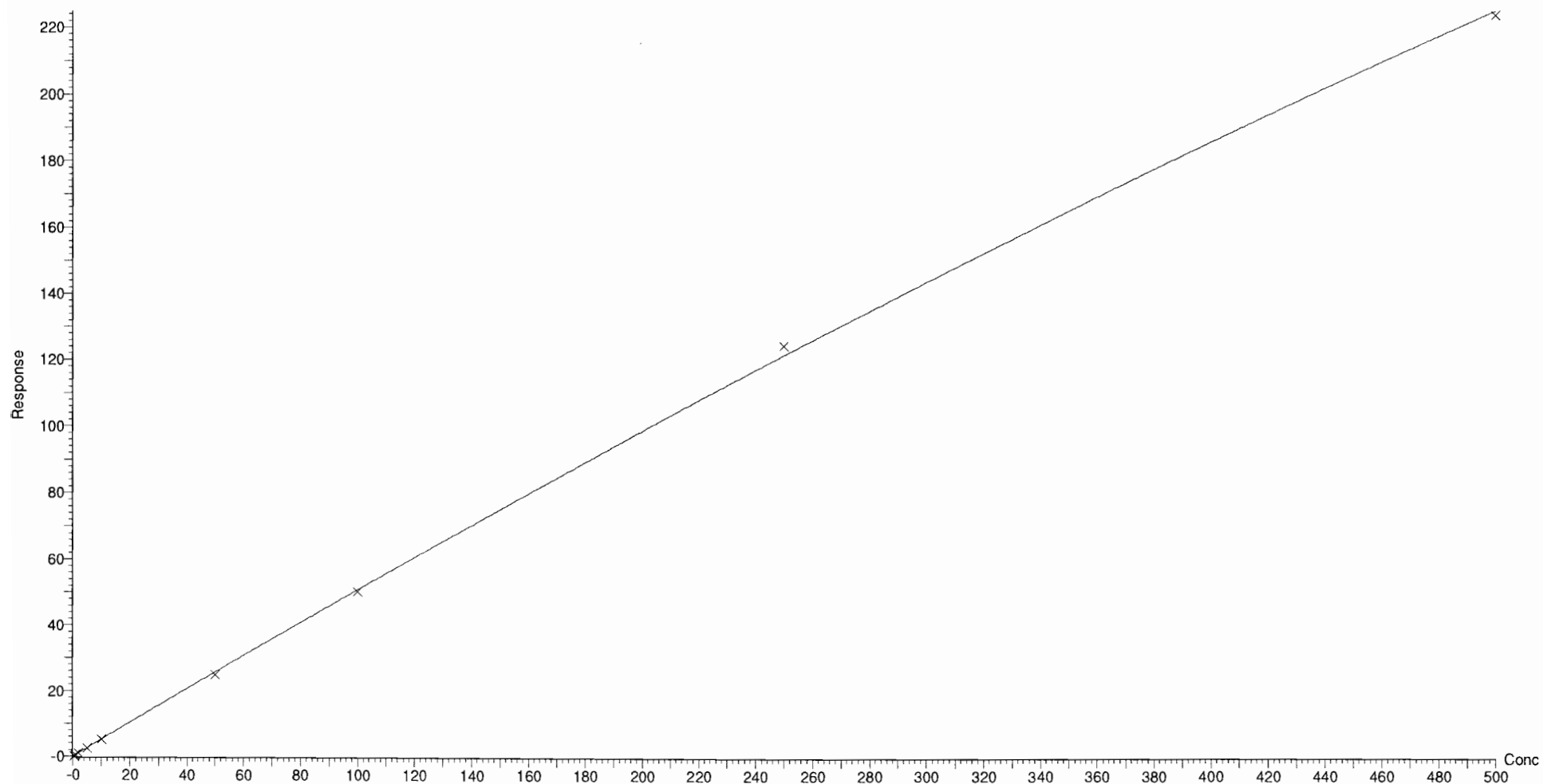
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999673$

Calibration curve: $-0.000145106 * x^2 + 0.522631 * x + -0.00580539$

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\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

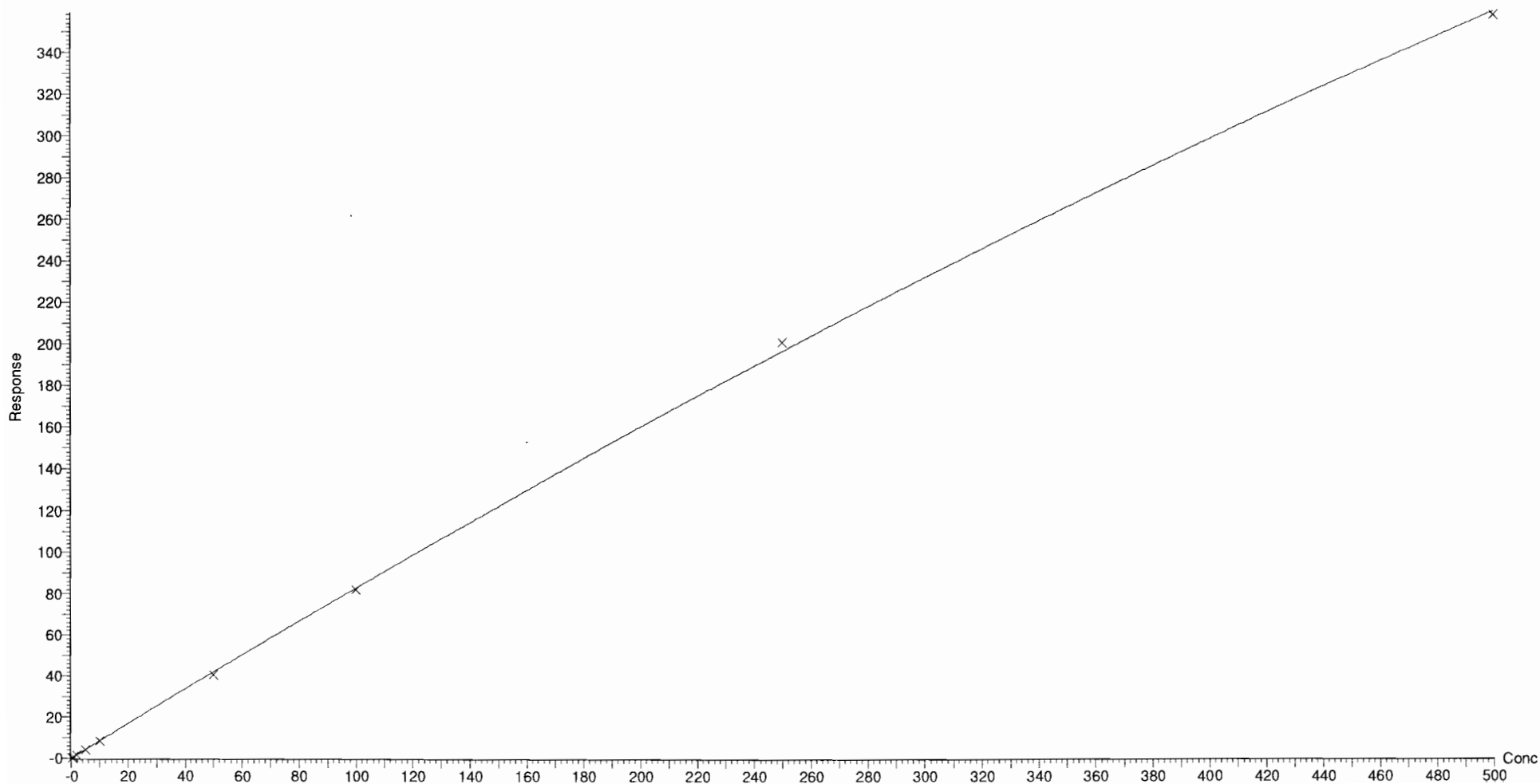
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999712$

Calibration curve: $-0.000273143 * x^2 + 0.854839 * x + 0.0102127$

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

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

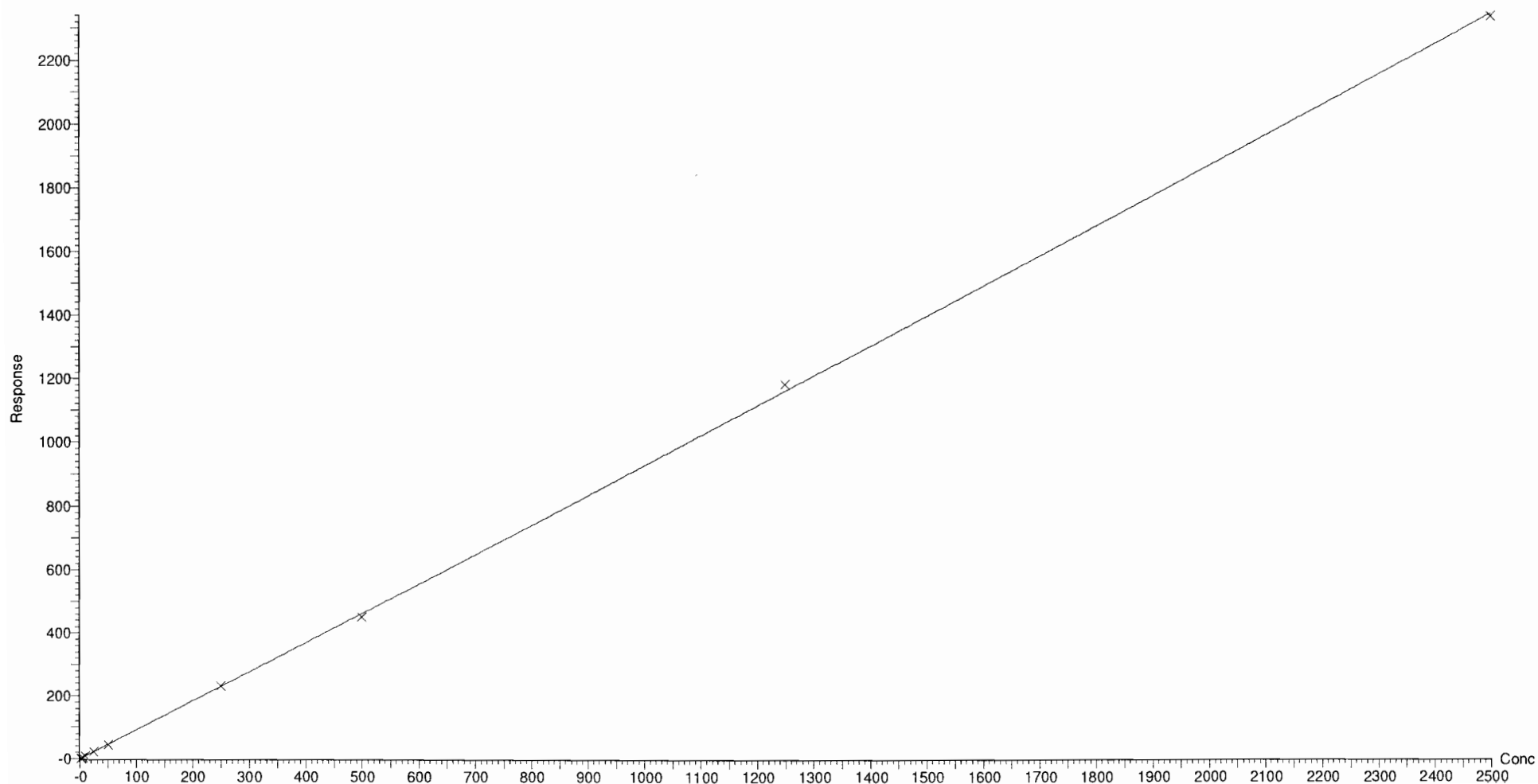


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

Compound name: N-MeFOSE
Coefficient of Determination: $R^2 = 0.999799$
Calibration curve: $6.07168e-006 * x^2 + 0.921514 * x + -0.0550925$
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:51:51 Pacific Daylight Time

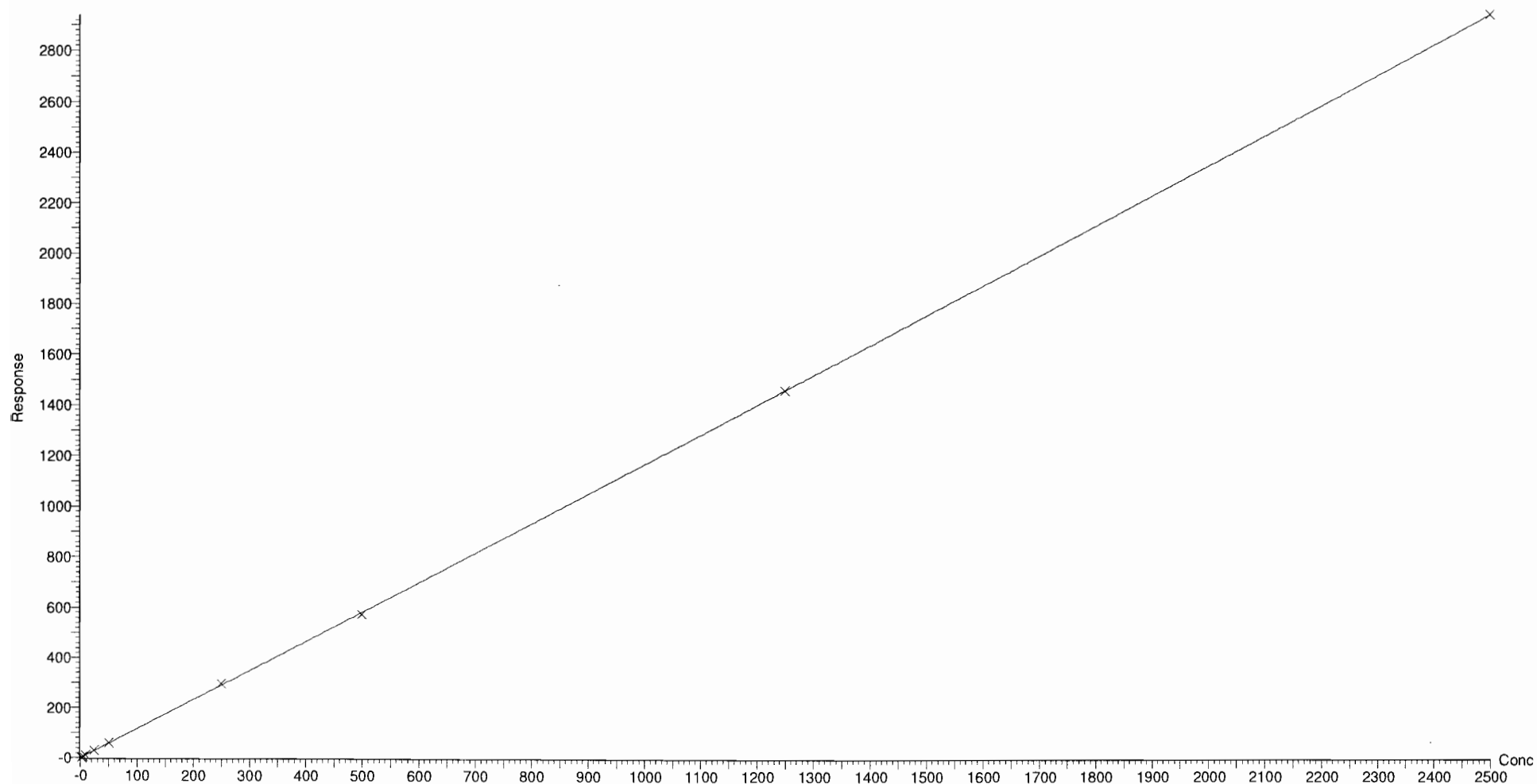
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999919$

Calibration curve: $5.63068e-006 * x^2 + 1.16132 * x + 0.0650258$

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\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

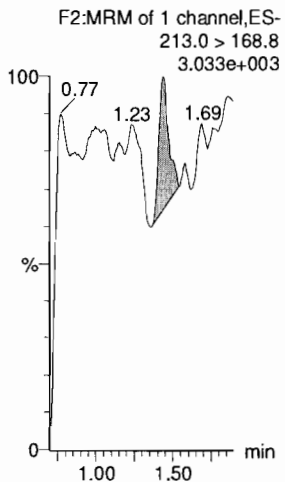
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

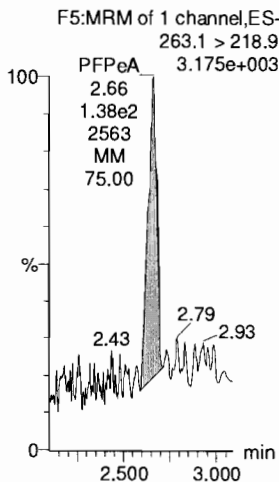
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

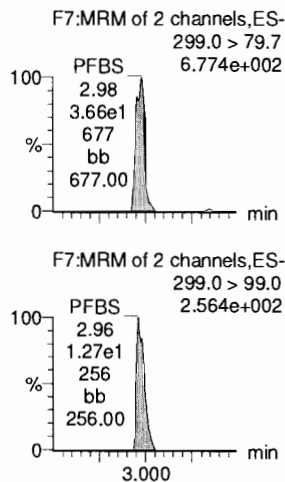
PFBA



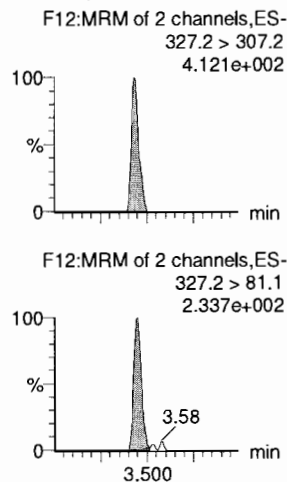
PFPeA



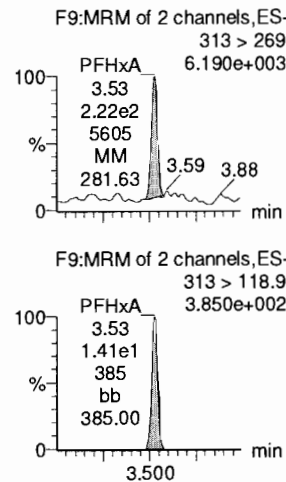
PFBS



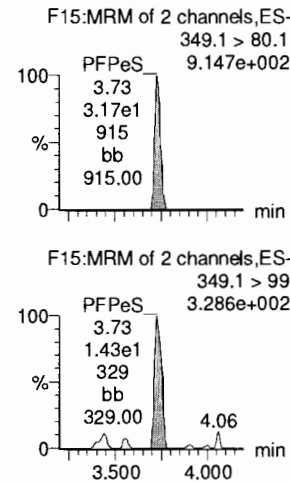
4:2 FTS



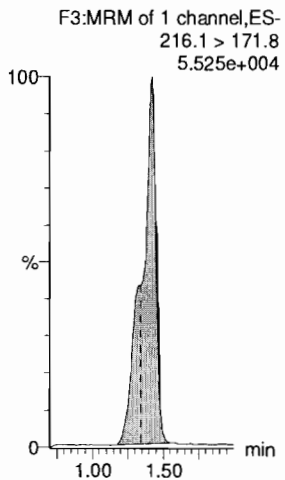
PFHxA



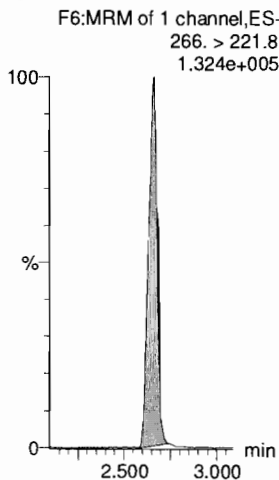
PFPeS



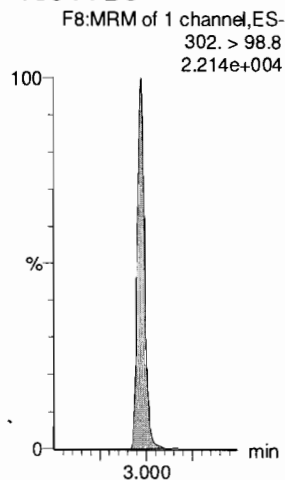
13C3-PFBA



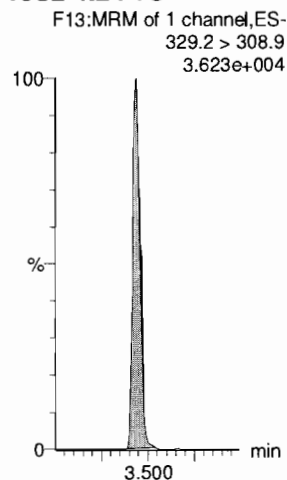
13C3-PFPeA



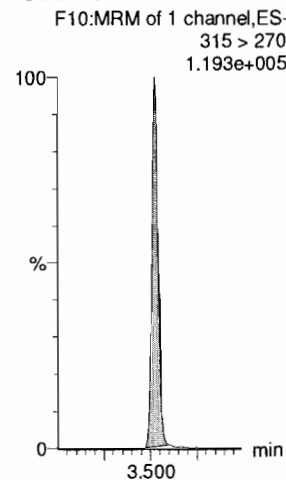
13C3-PFBS



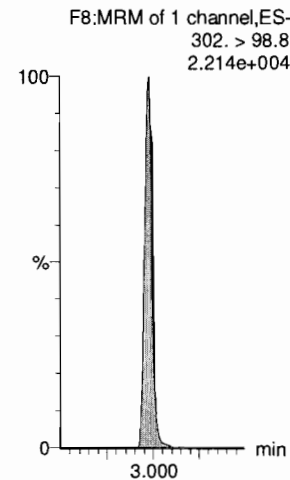
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

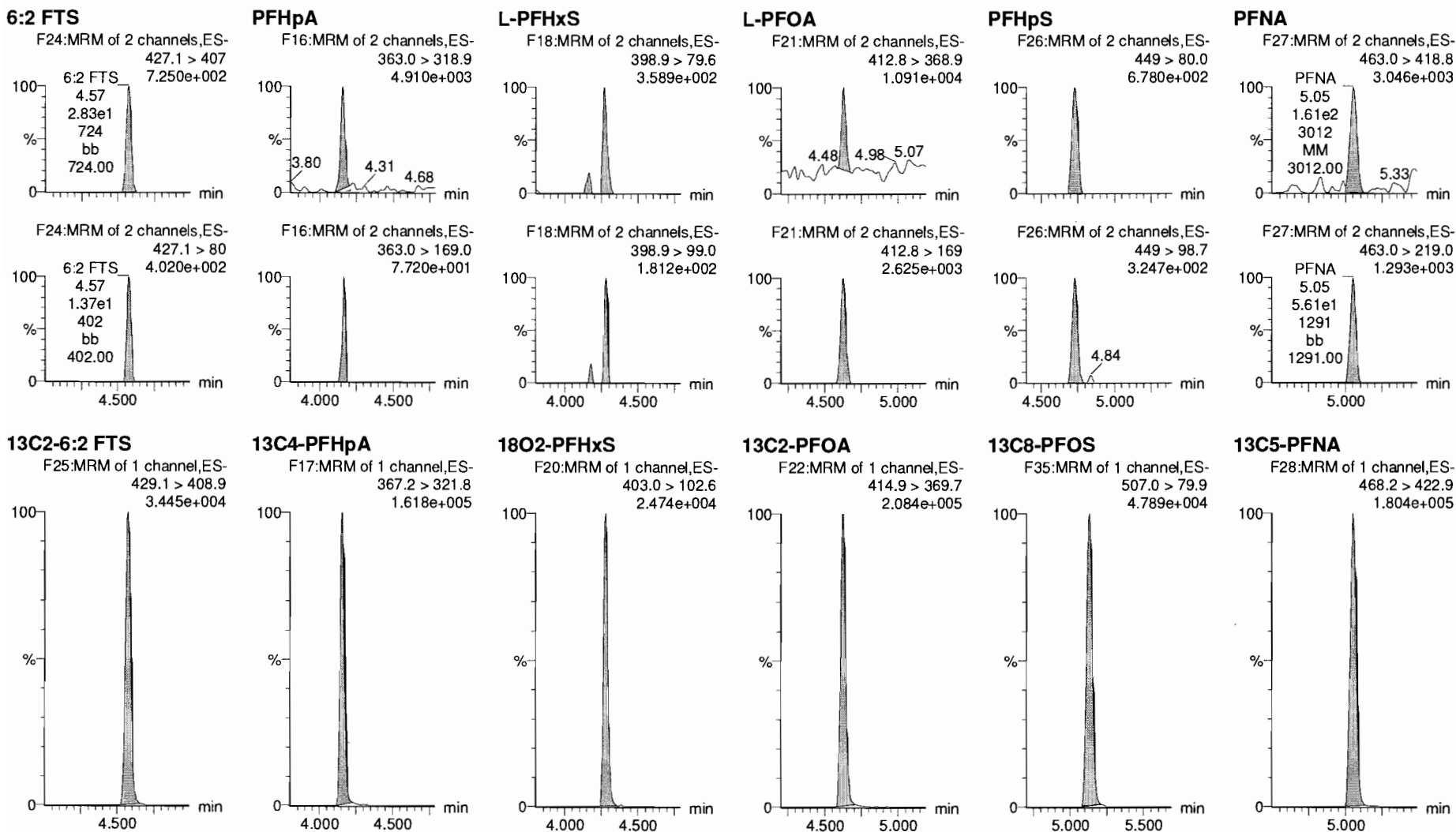


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815



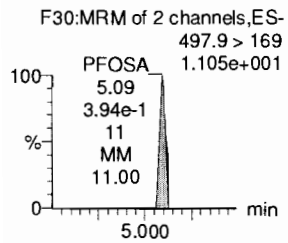
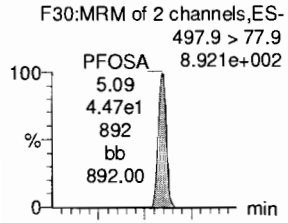
Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

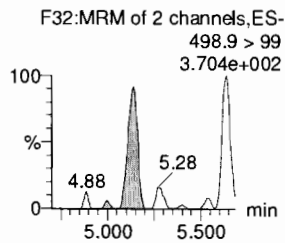
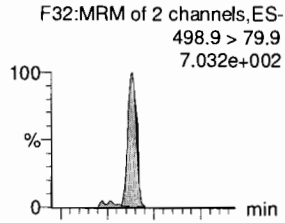
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

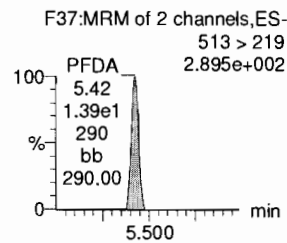
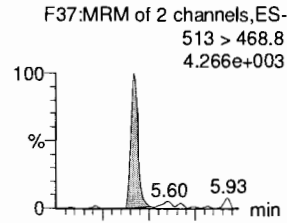
PFOSA



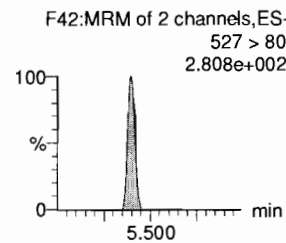
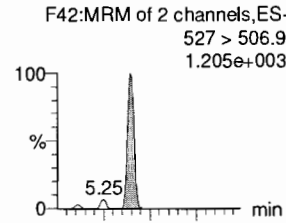
L-PFOS



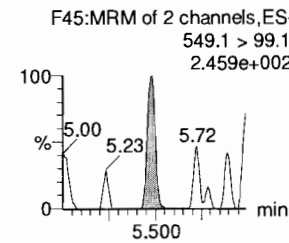
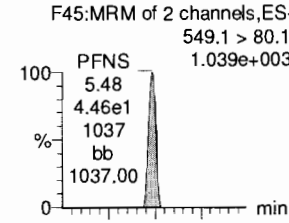
PFDA



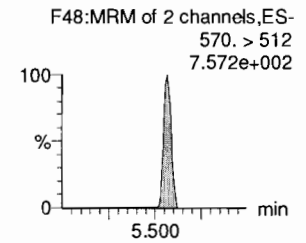
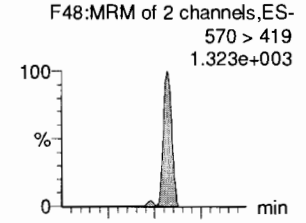
8:2 FTS



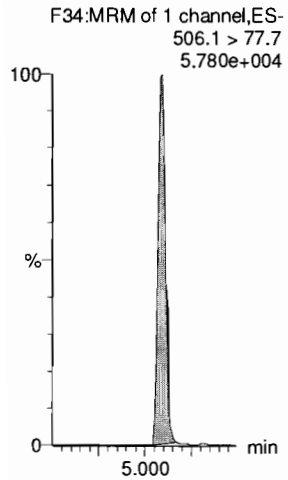
PFNS



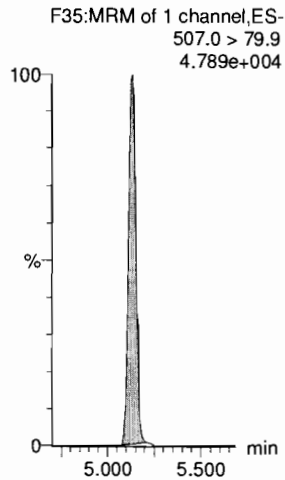
L-MeFOSAA



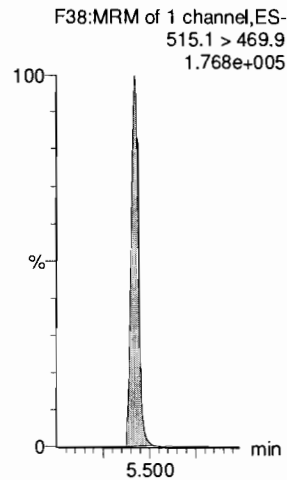
13C8-PFOSA



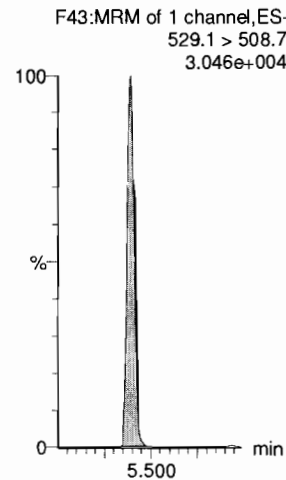
13C8-PFOS



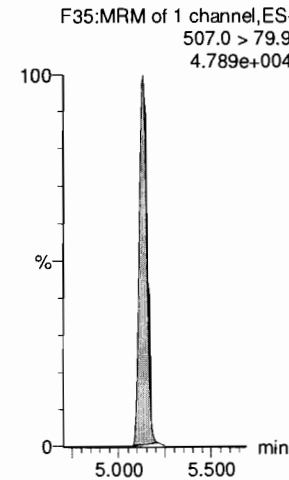
13C2-PFDA



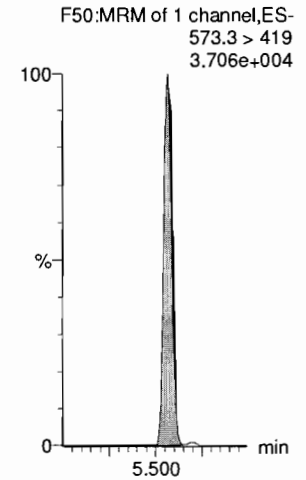
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



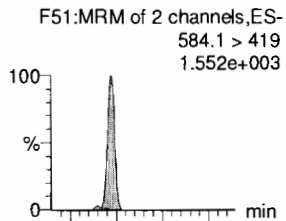
Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

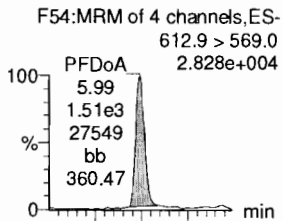
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

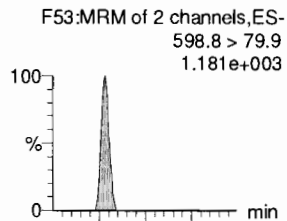
L-EtFOSAA



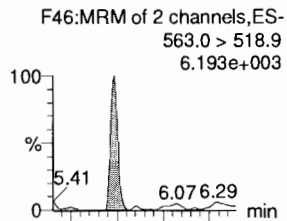
PFDaA



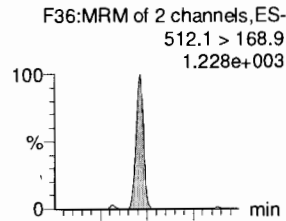
PFDS



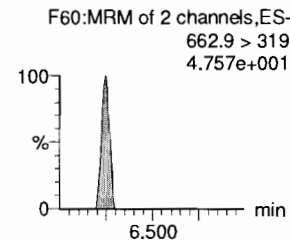
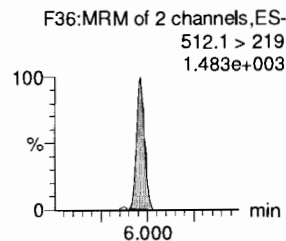
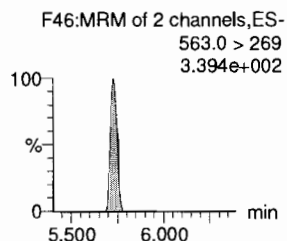
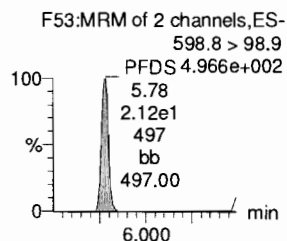
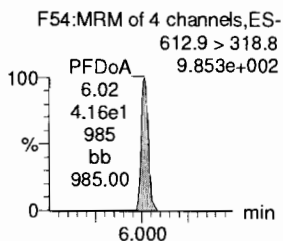
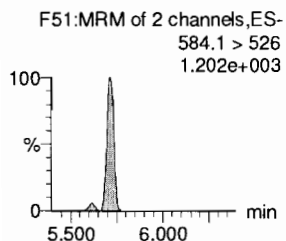
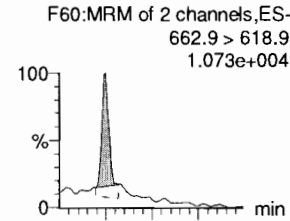
PFUdA



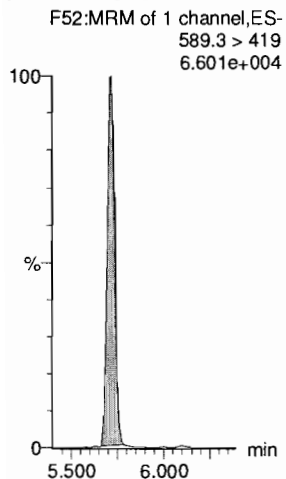
N-MeFOSA



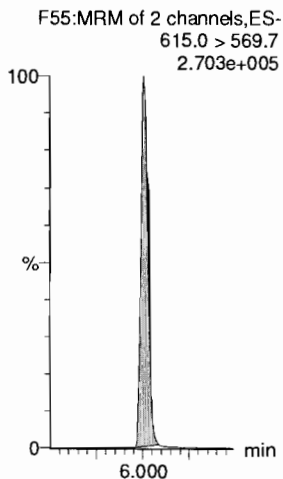
PFTrDA



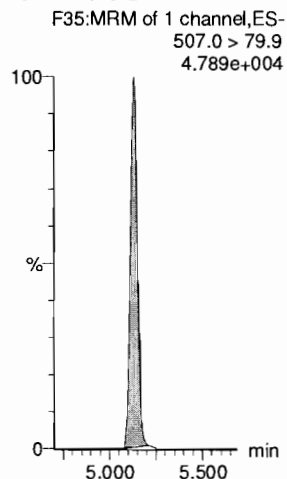
d5-N-EtFOSAA



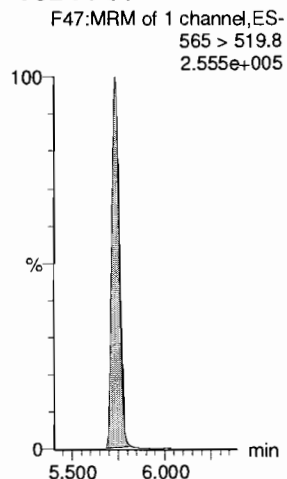
13C2-PFDaA



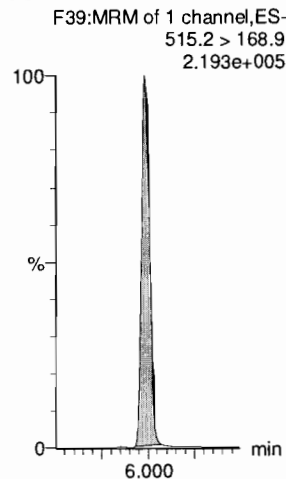
13C8-PFOS



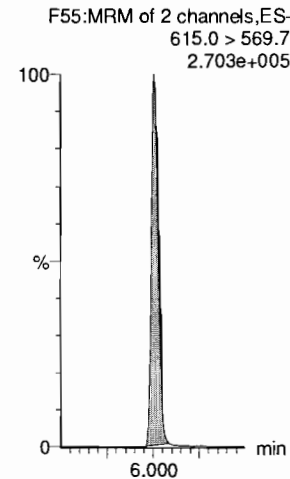
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDaA

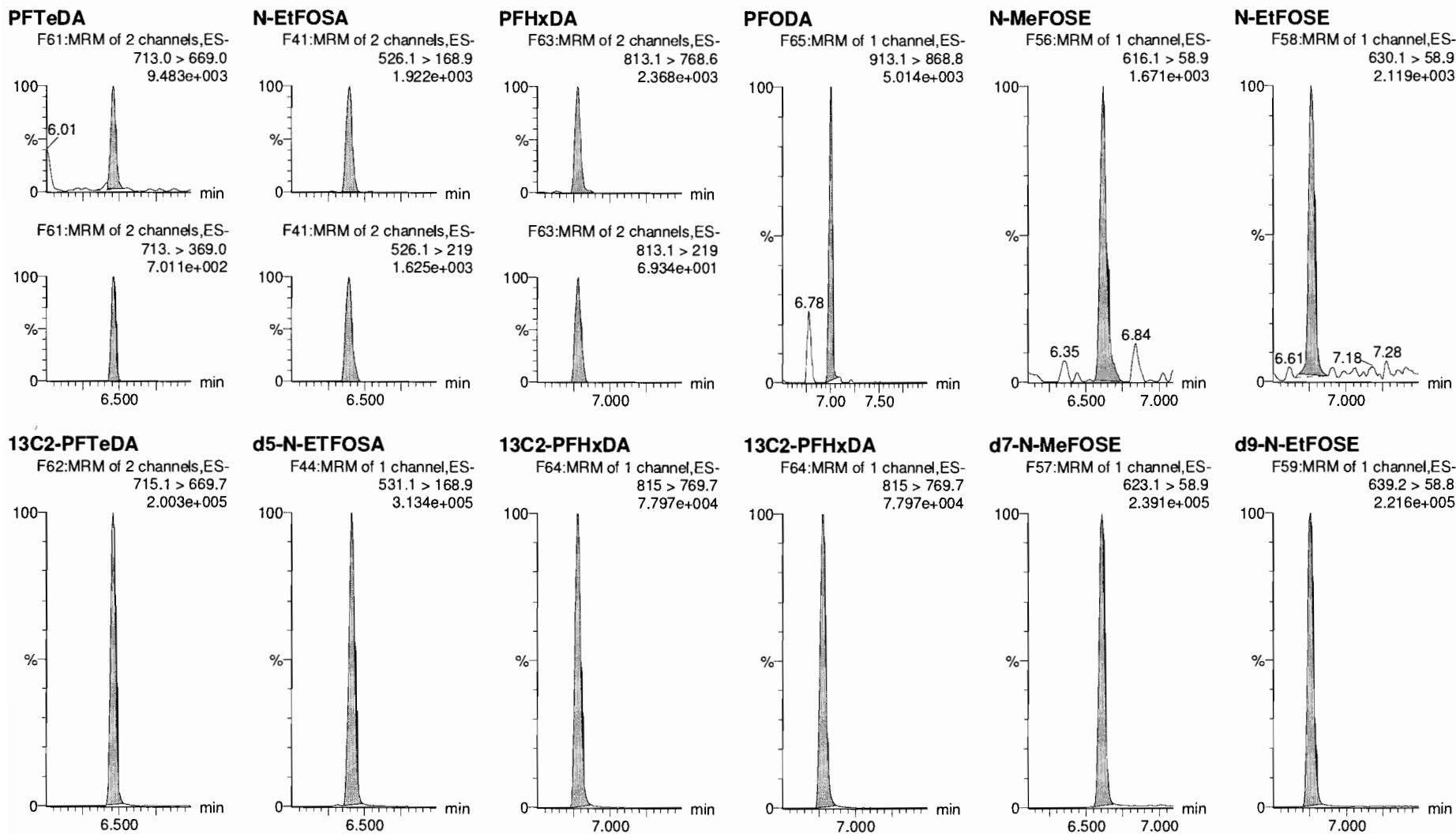


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815



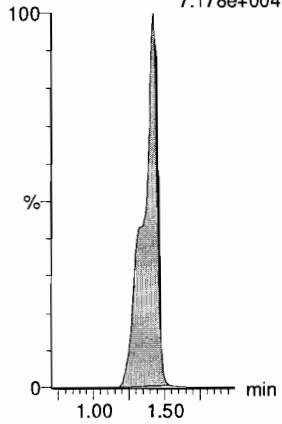
Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_2, Date: 26-Oct-2018, Time: 15:57:28, ID: ST181026M2-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

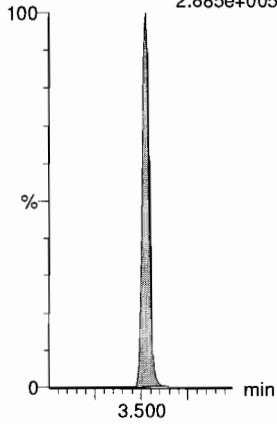
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.178e+004



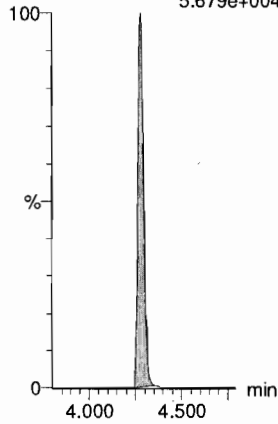
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
2.885e+005



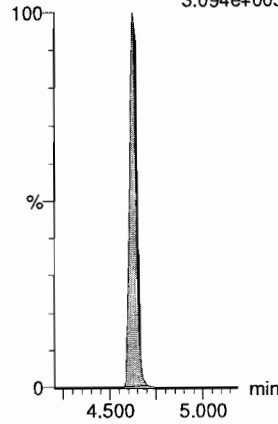
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
5.679e+004



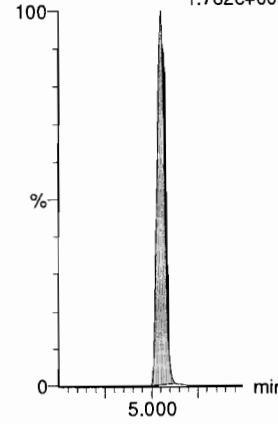
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.094e+005



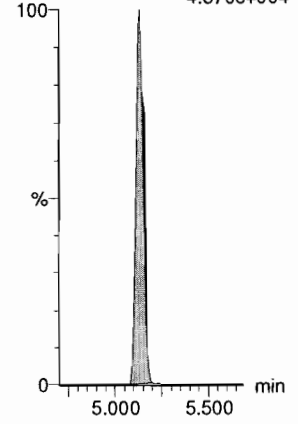
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.782e+005



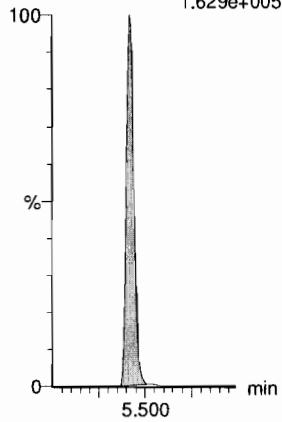
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.370e+004



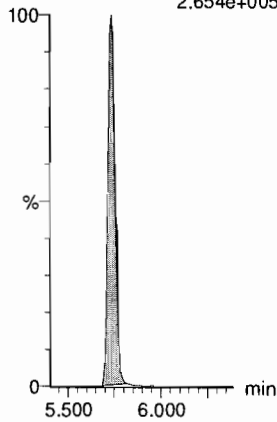
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.629e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.654e+005

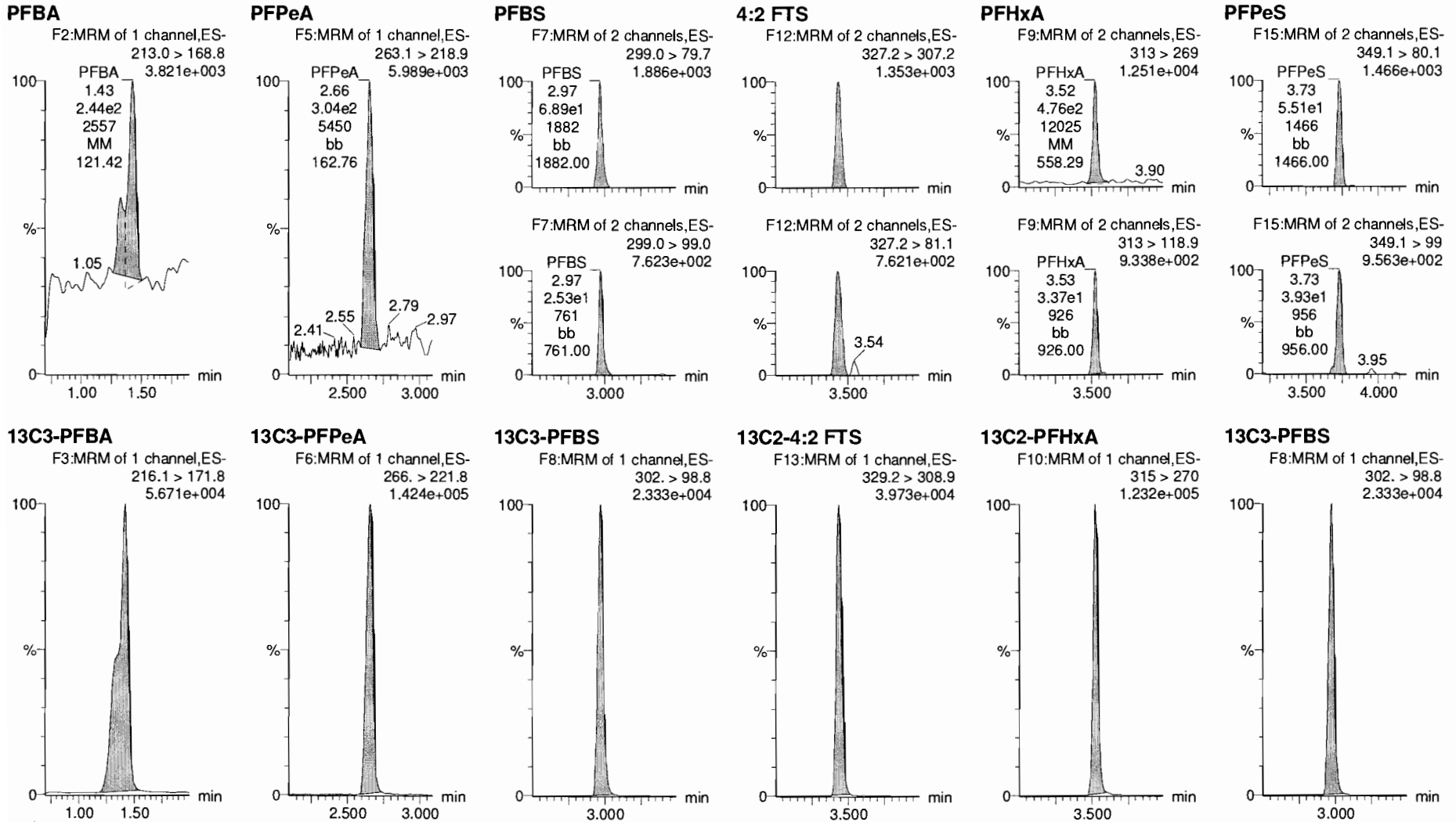


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

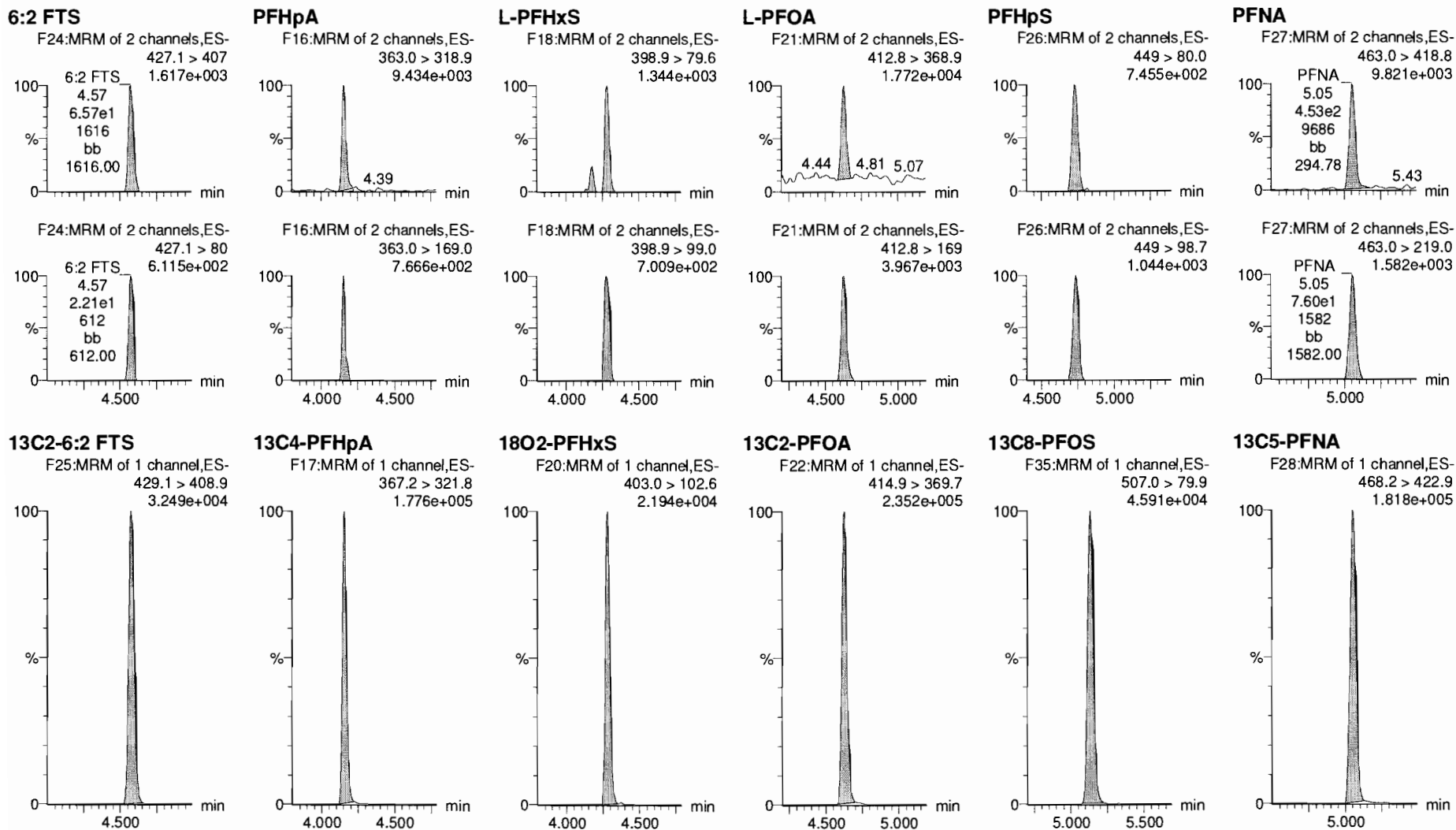
Name: 181026M2_3, Date: 26-Oct-2018, Time: 16:08:06, ID: ST181026M2-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_3, Date: 26-Oct-2018, Time: 16:08:06, ID: ST181026M2-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816

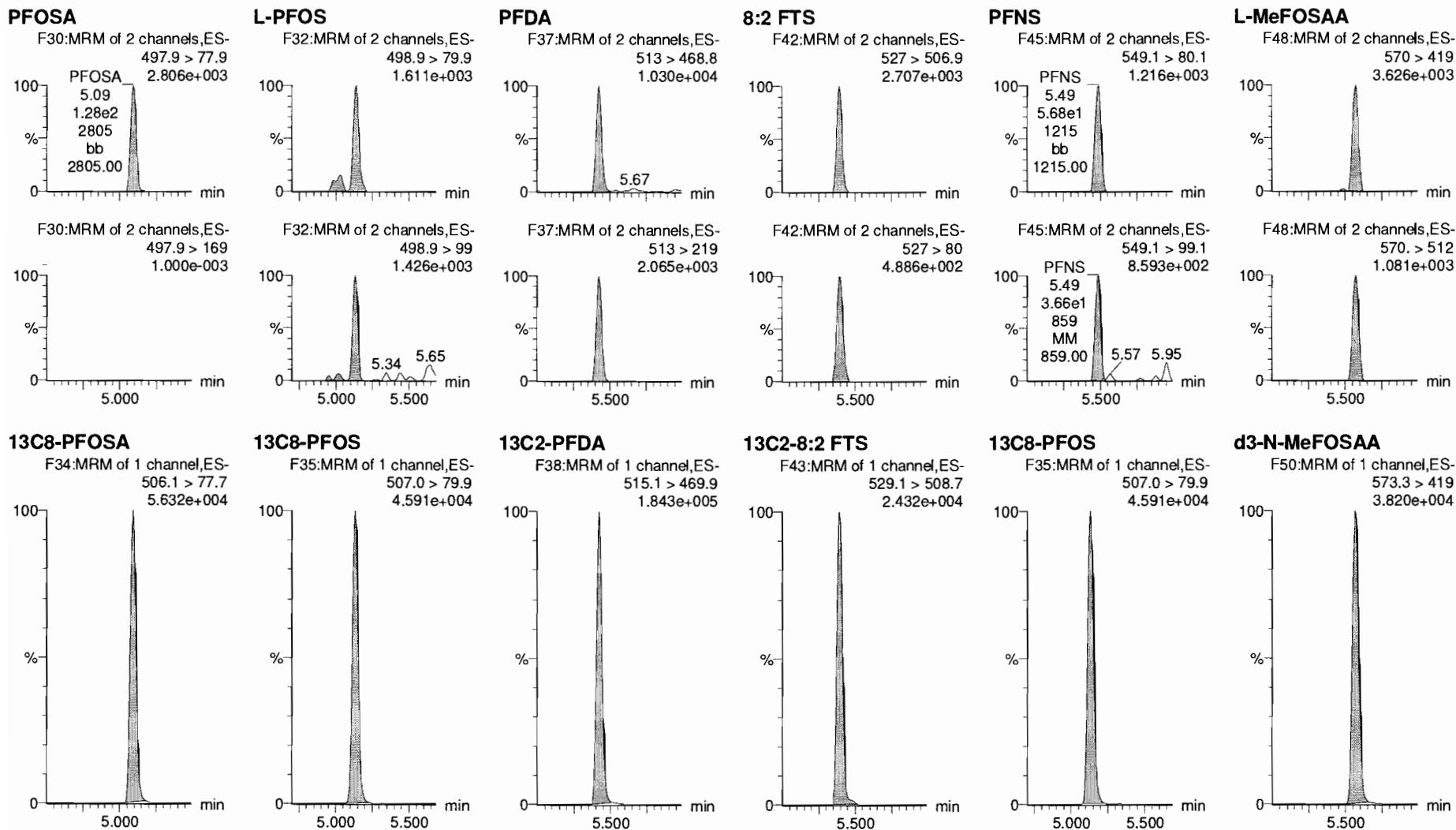


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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_3, Date: 26-Oct-2018, Time: 16:08:06, ID: ST181026M2-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816



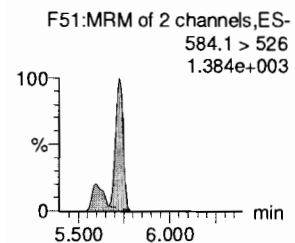
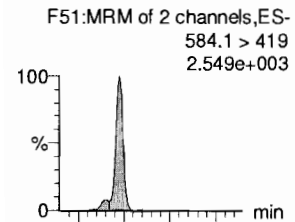
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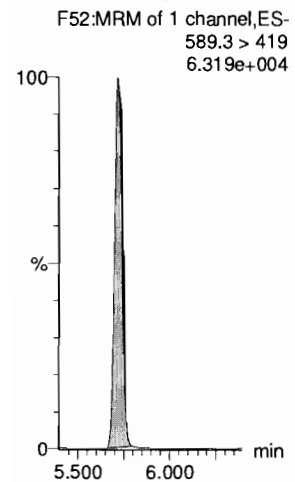
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_3, Date: 26-Oct-2018, Time: 16:08:06, ID: ST181026M2-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816

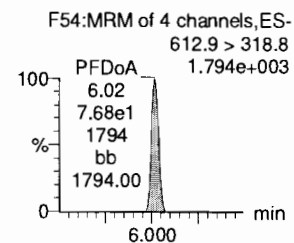
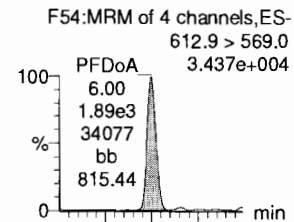
L-EtFOSAA



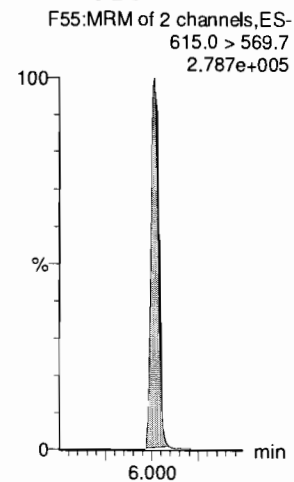
d5-N-EtFOSAA



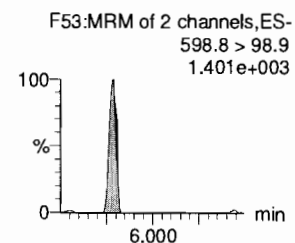
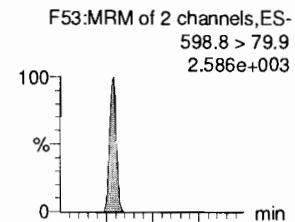
PFDaA



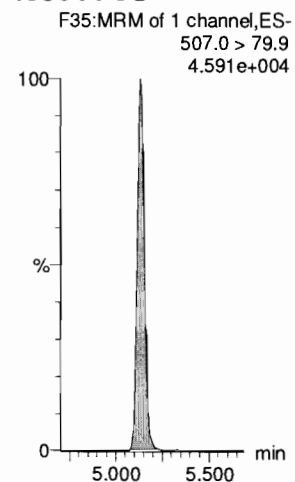
13C2-PFDaA



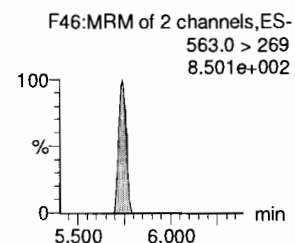
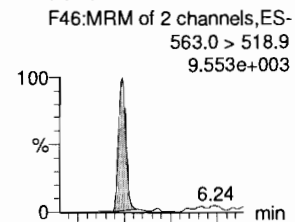
PFDS



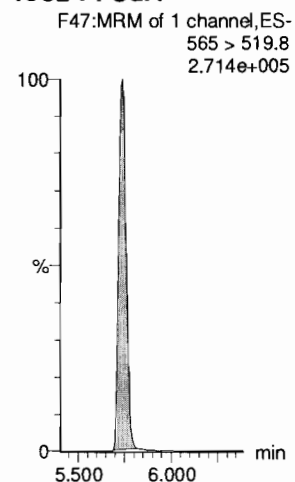
13C8-PFOS



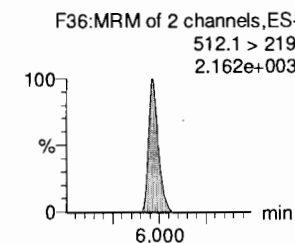
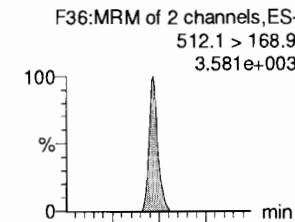
PFUdA



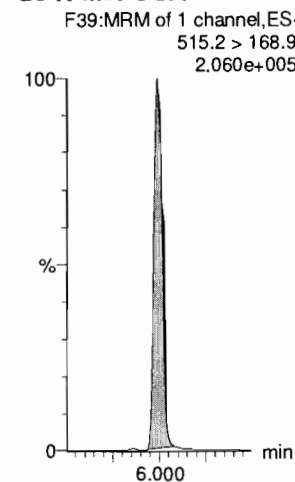
13C2-PFUdA



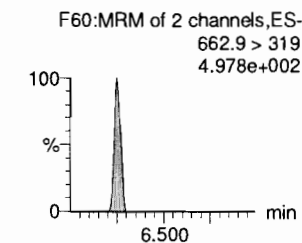
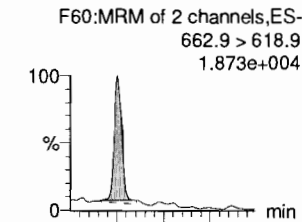
N-MeFOSA



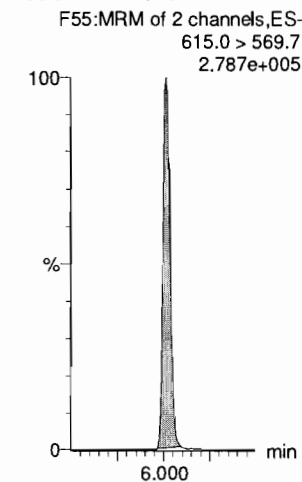
d3-N-MeFOSA



PFTrDA



13C2-PFDaA

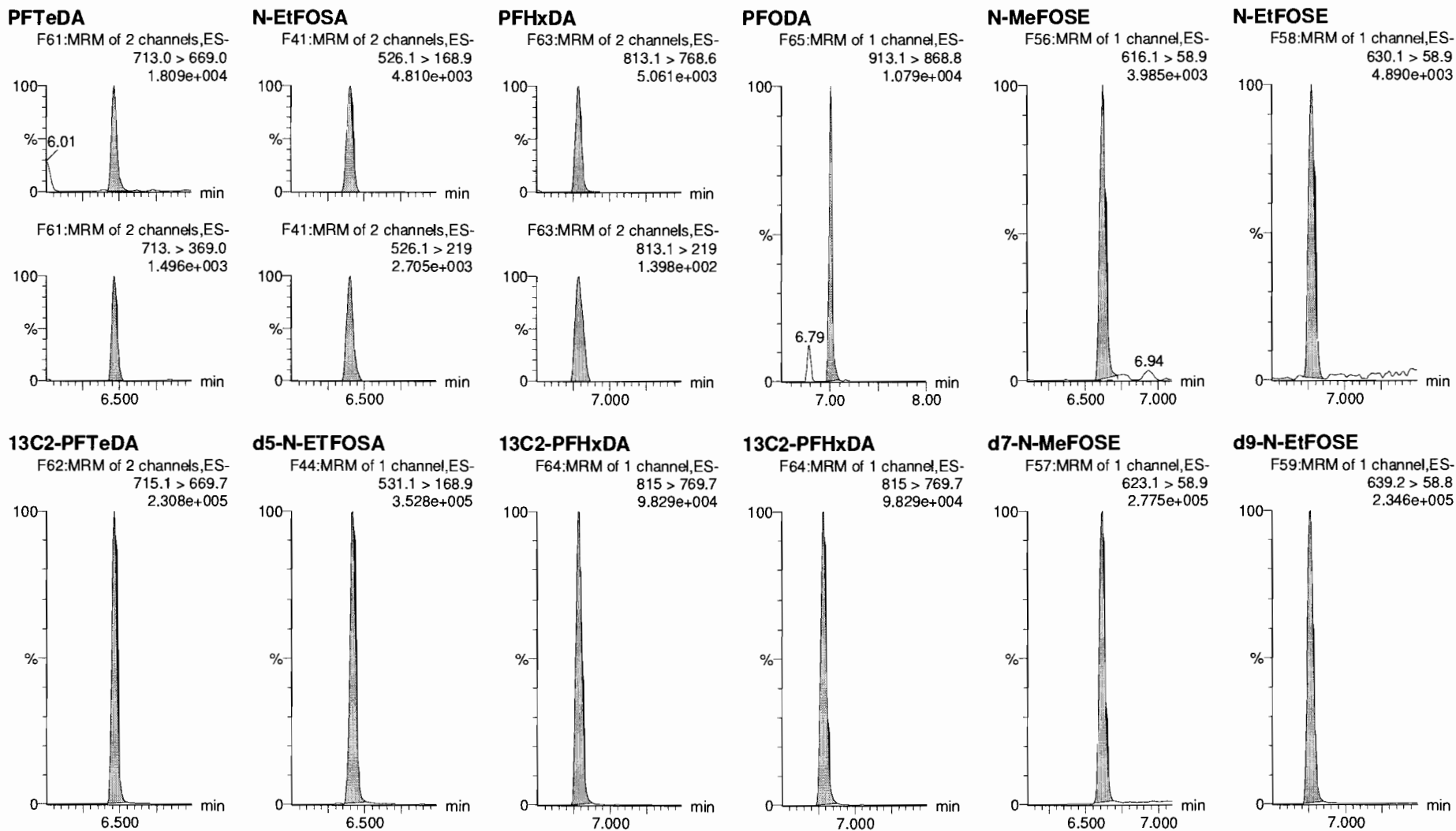


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_3, Date: 26-Oct-2018, Time: 16:08:06, ID: ST181026M2-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

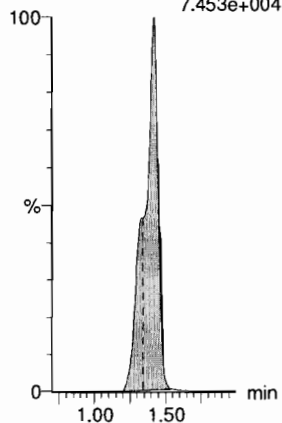
Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_3, Date: 26-Oct-2018, Time: 16:08:06, ID: ST181026M2-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816

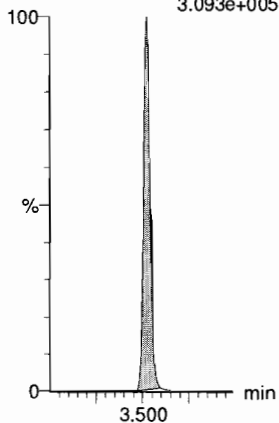
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.453e+004



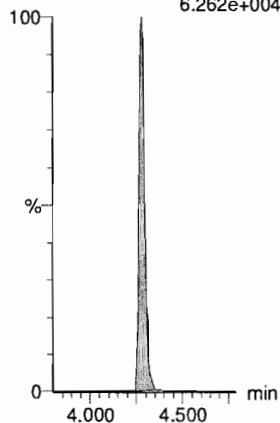
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
3.093e+005



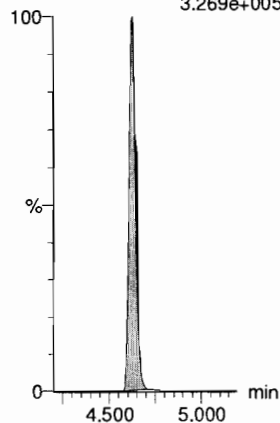
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
6.262e+004



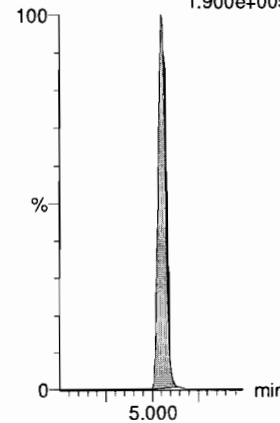
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.269e+005



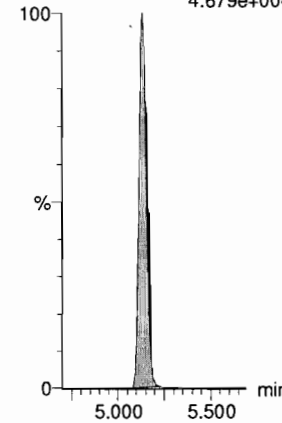
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.900e+005



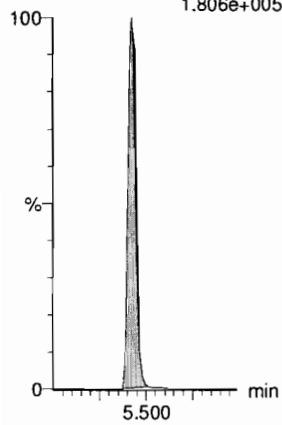
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.679e+004



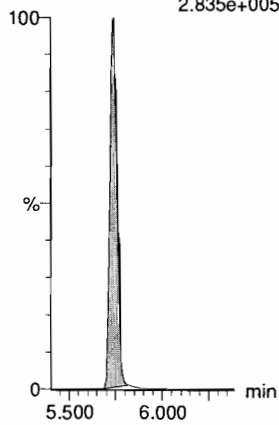
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.806e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.835e+005

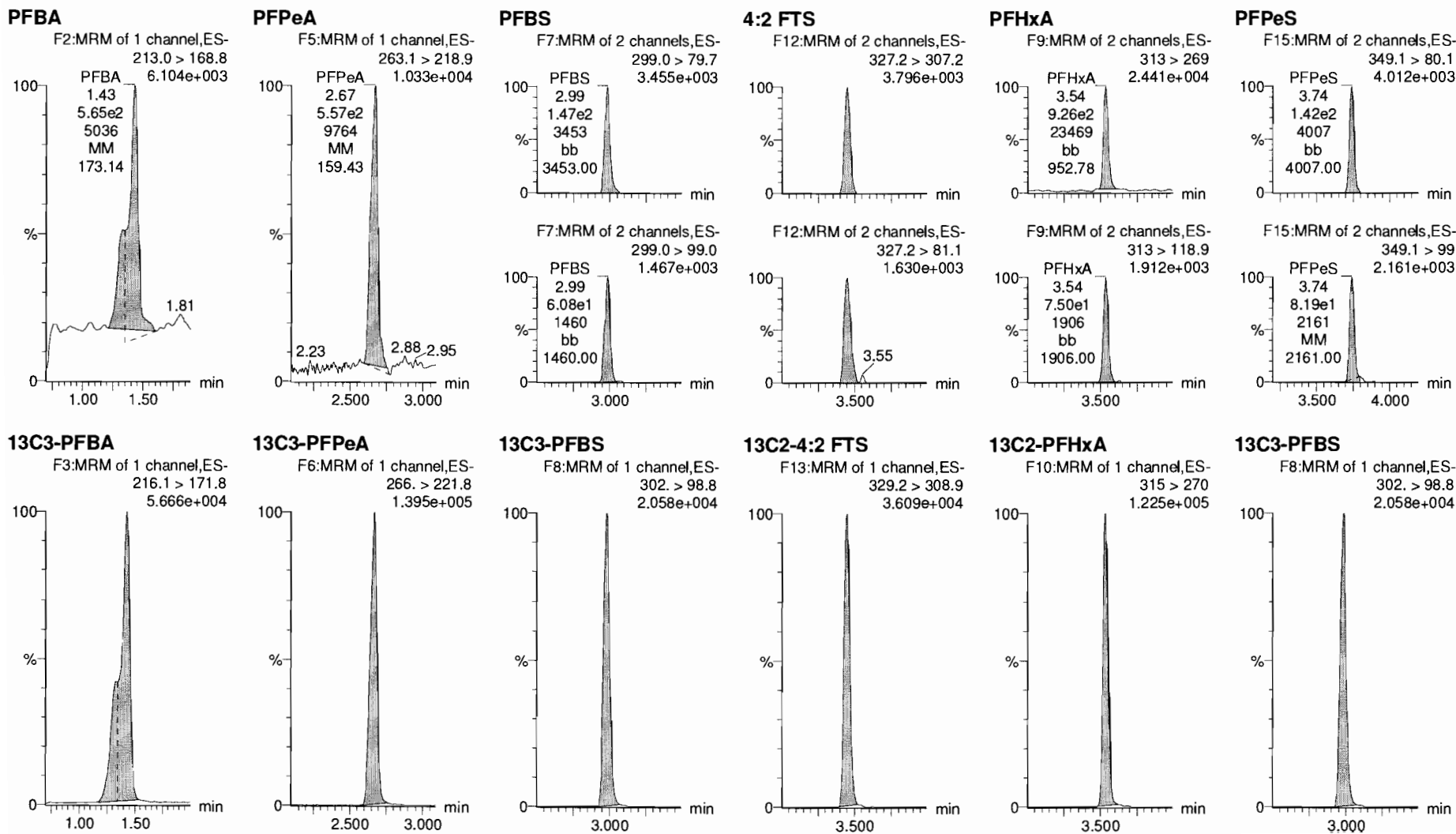


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

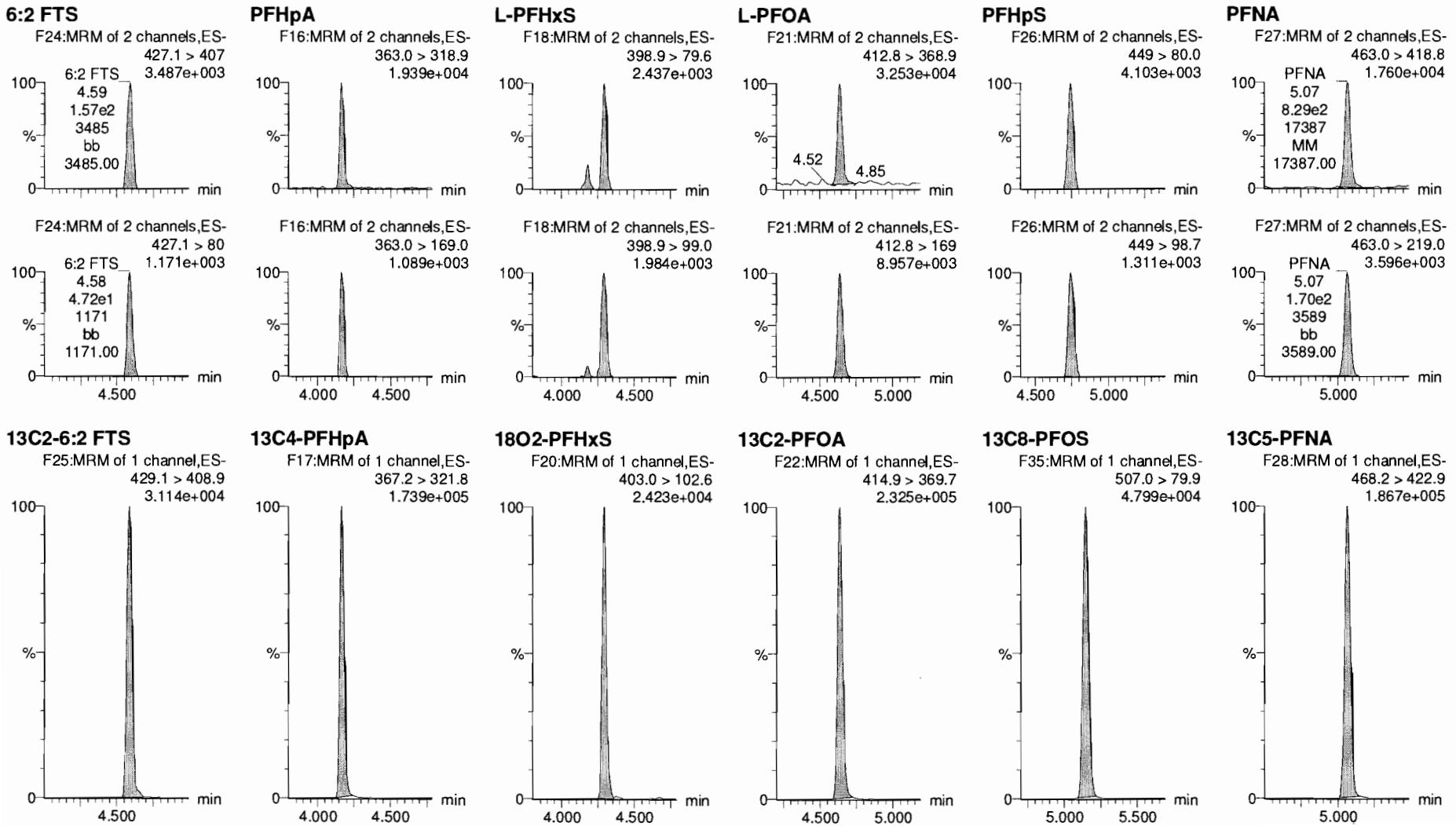
Name: 181026M2_4, Date: 26-Oct-2018, Time: 16:18:39, ID: ST181026M2-3 PFC CS0 18J1817, Description: PFC CS0 18J1817



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_4, Date: 26-Oct-2018, Time: 16:18:39, ID: ST181026M2-3 PFC CS0 18J1817, Description: PFC CS0 18J1817

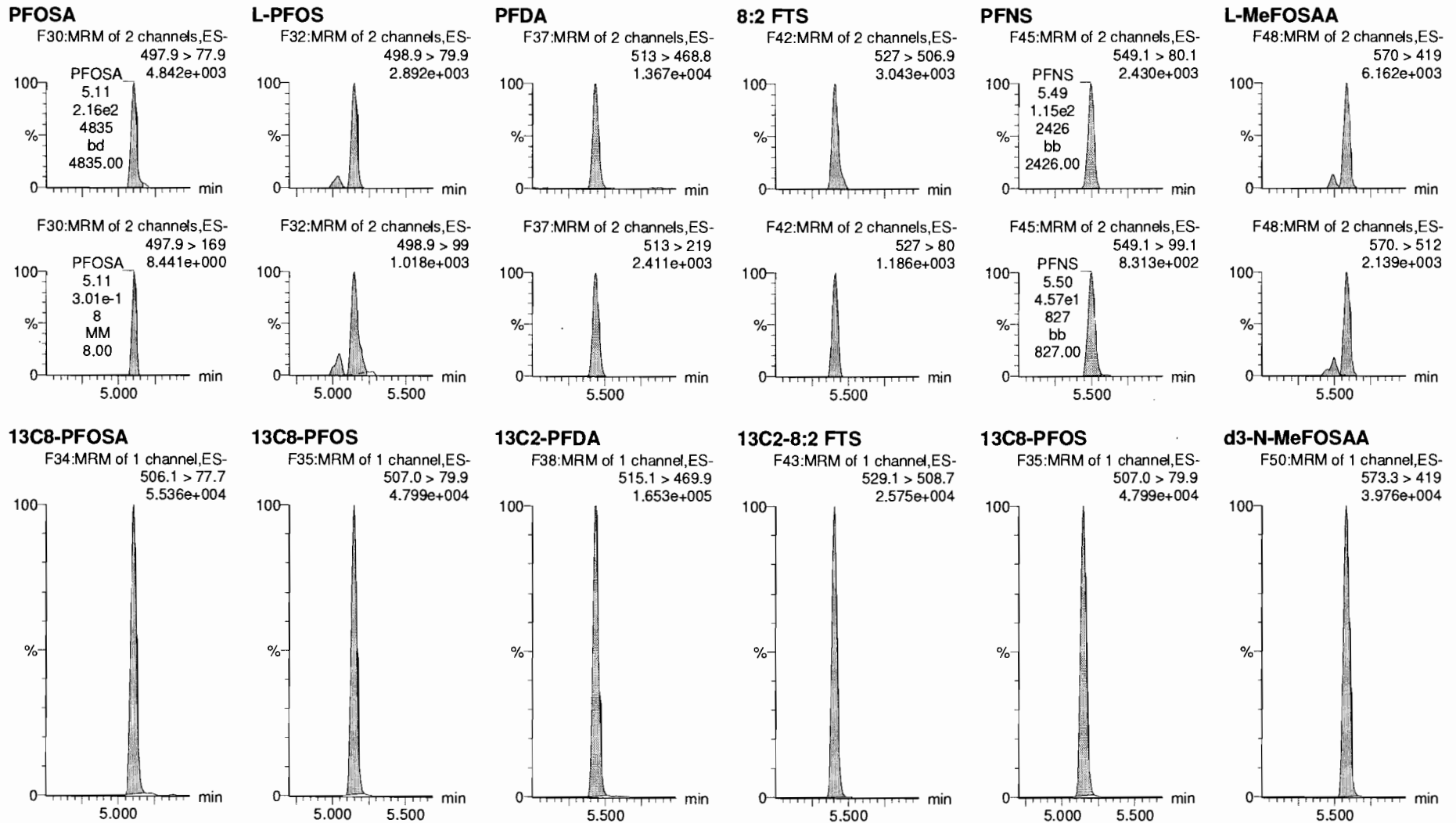


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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_4, Date: 26-Oct-2018, Time: 16:18:39, ID: ST181026M2-3 PFC CS0 18J1817, Description: PFC CS0 18J1817



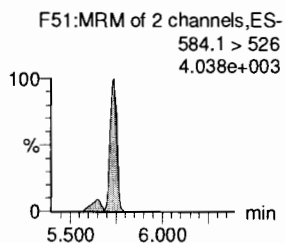
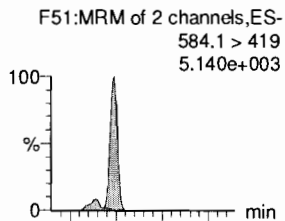
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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

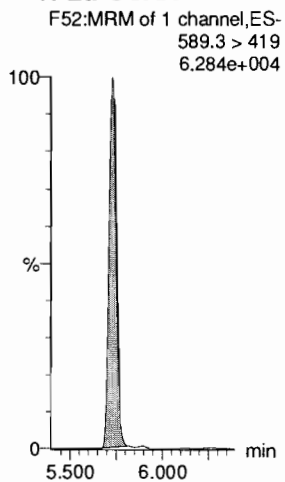
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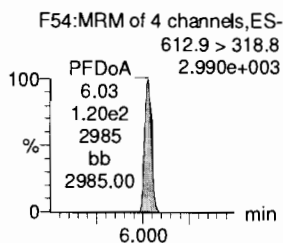
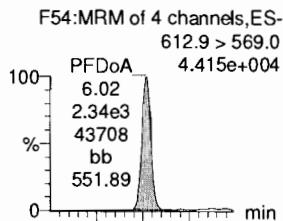
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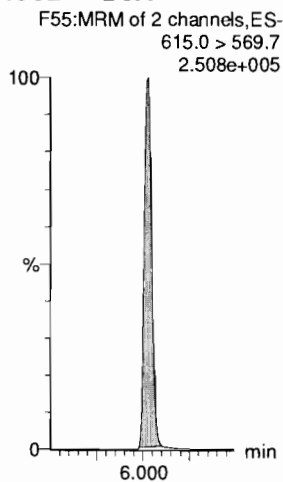
d5-N-EtFOSAA



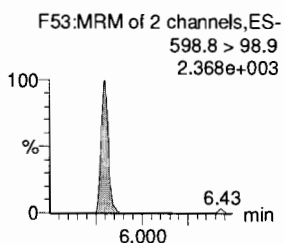
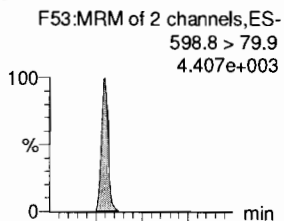
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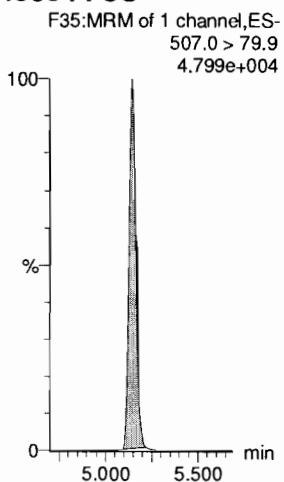
13C2-PFDoA



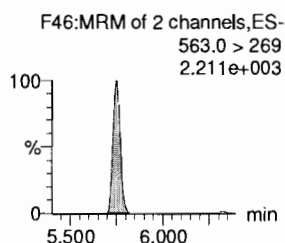
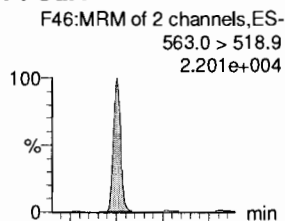
PFDS



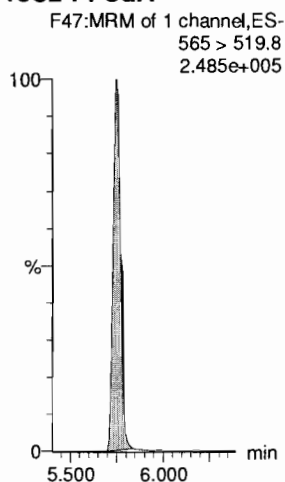
13C8-PFOS



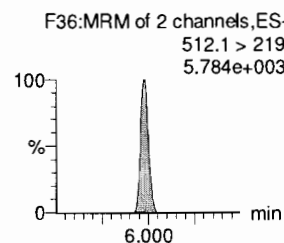
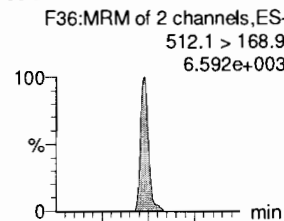
PFUdA



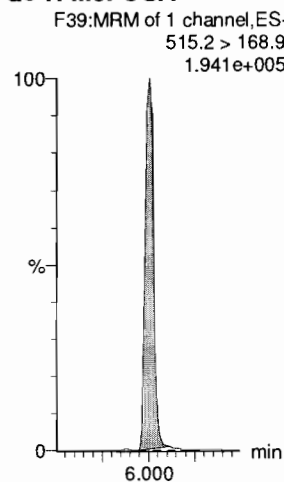
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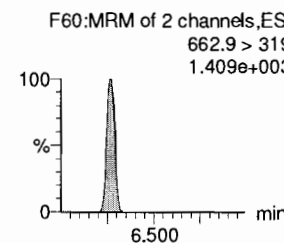
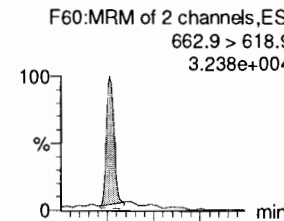
N-MeFOSA



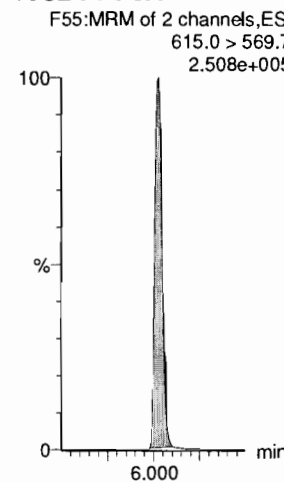
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PFTrDA



13C2-PFDoA

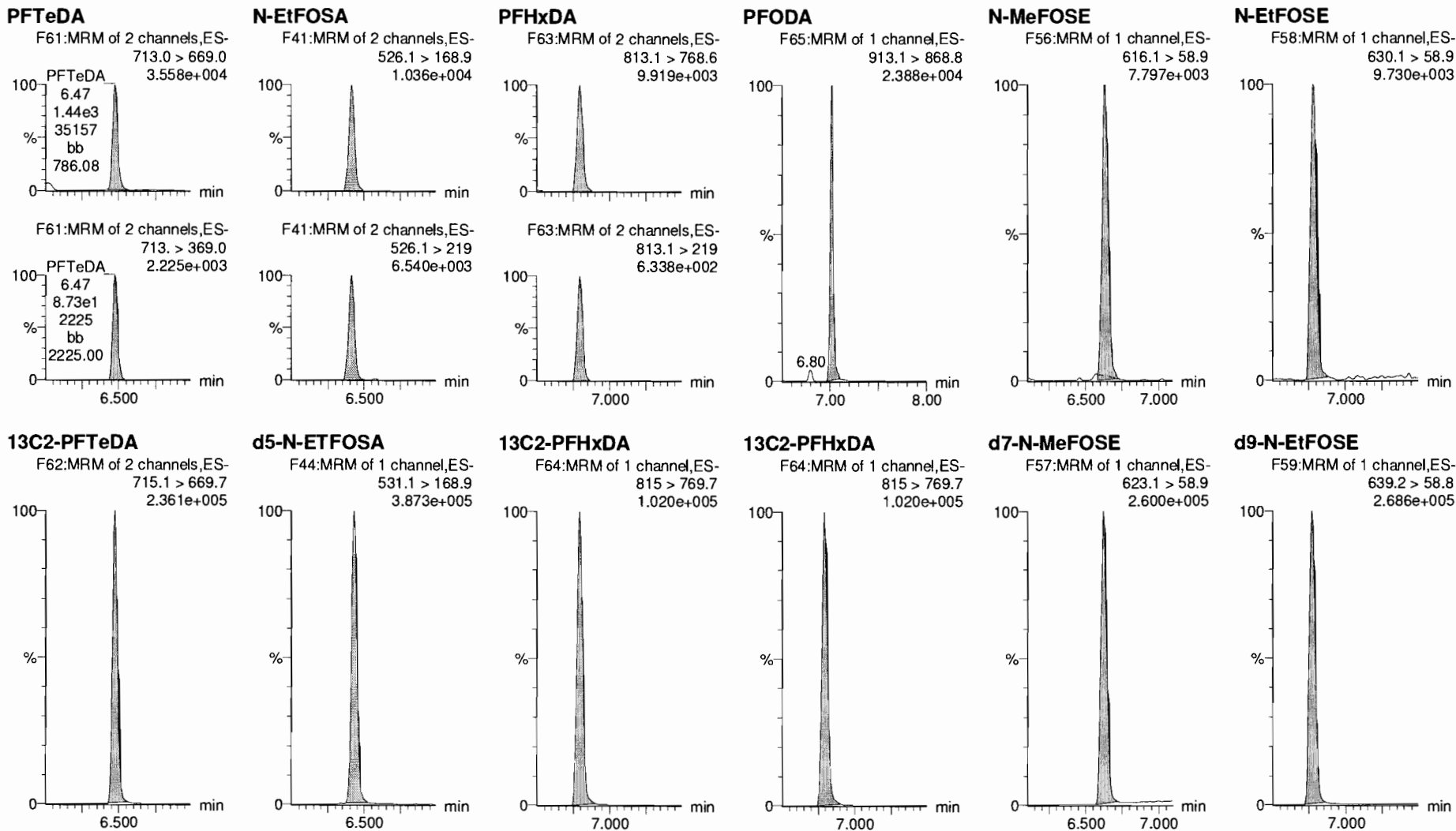


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

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Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_4, Date: 26-Oct-2018, Time: 16:18:39, ID: ST181026M2-3 PFC CS0 18J1817, Description: PFC CS0 18J1817



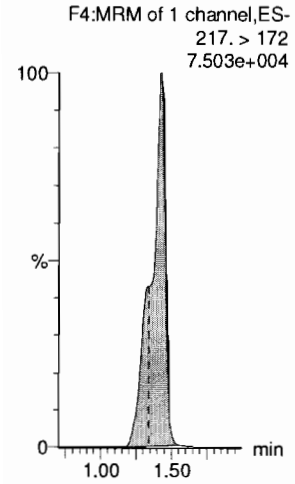
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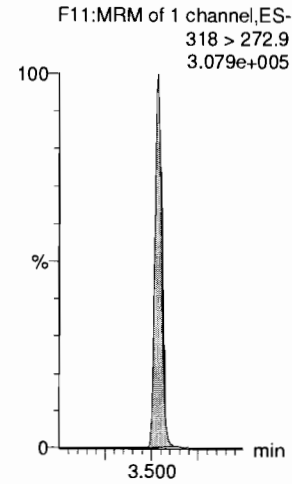
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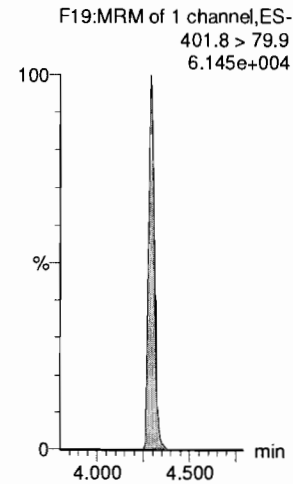
13C4-PFBA



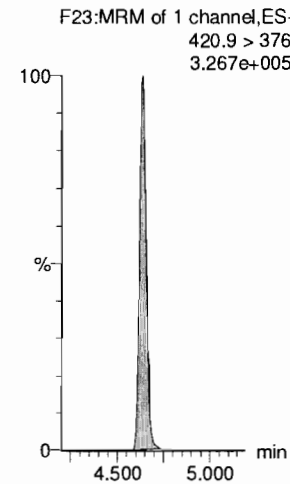
13C5-PFHxA



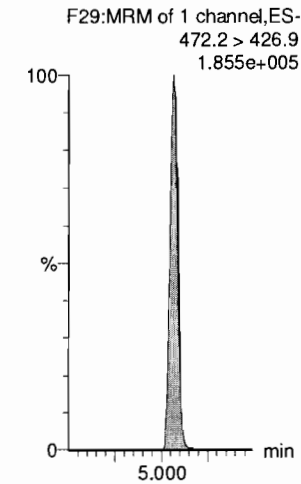
13C3-PFHxS



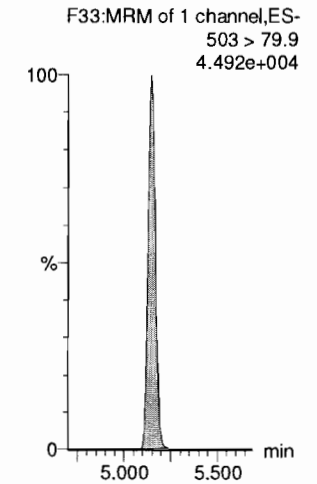
13C8-PFOA



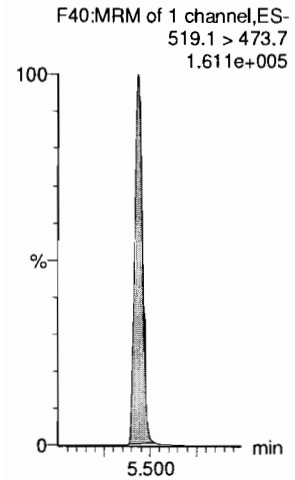
13C9-PFNA



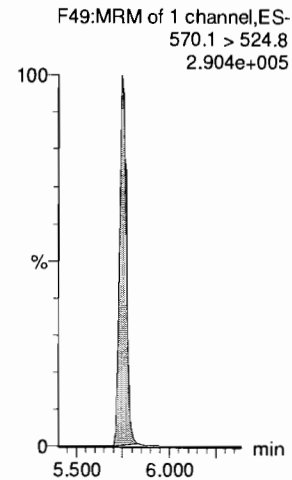
13C4-PFOS



13C6-PFDA



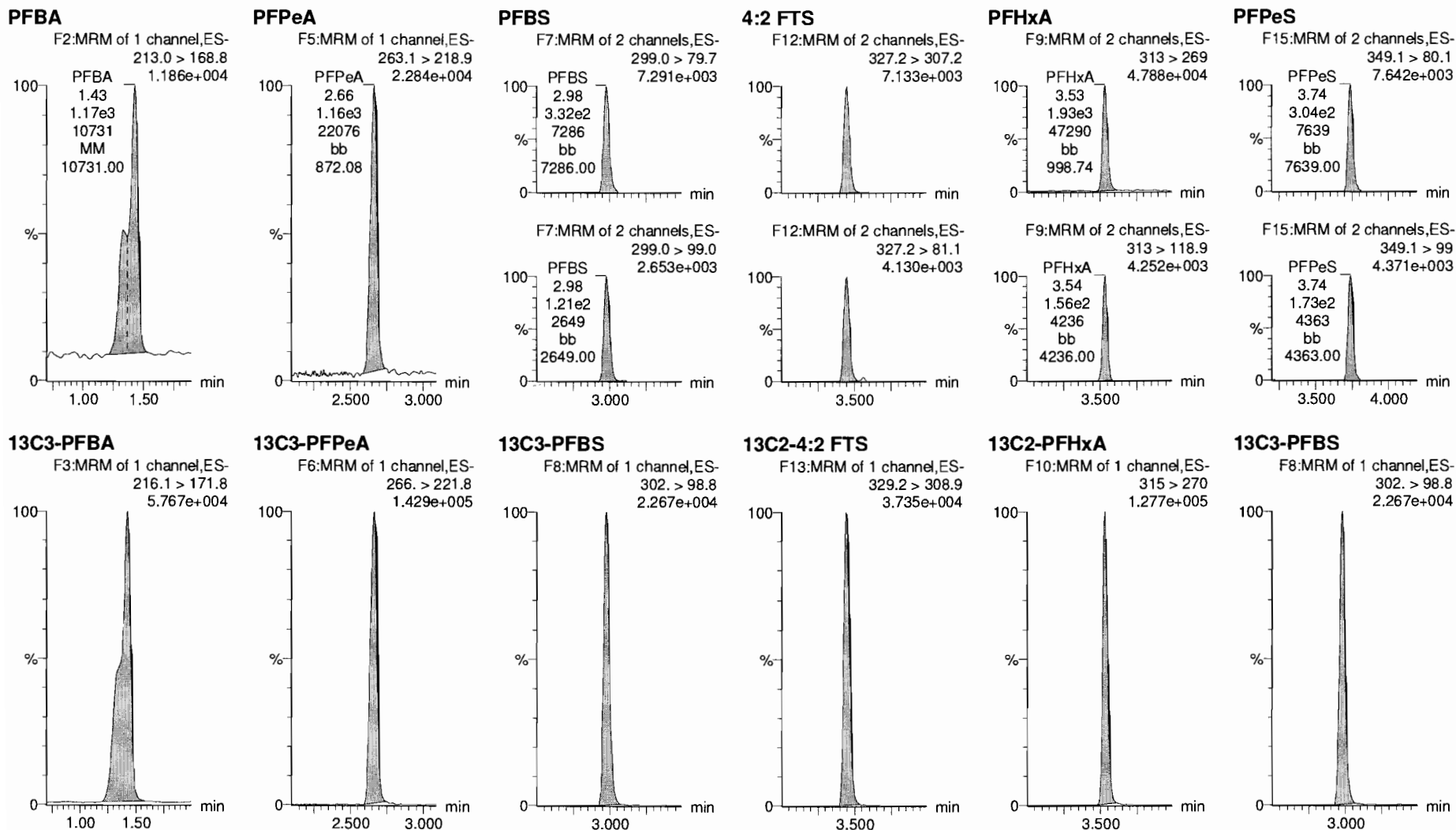
13C7-PFUDa



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

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Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

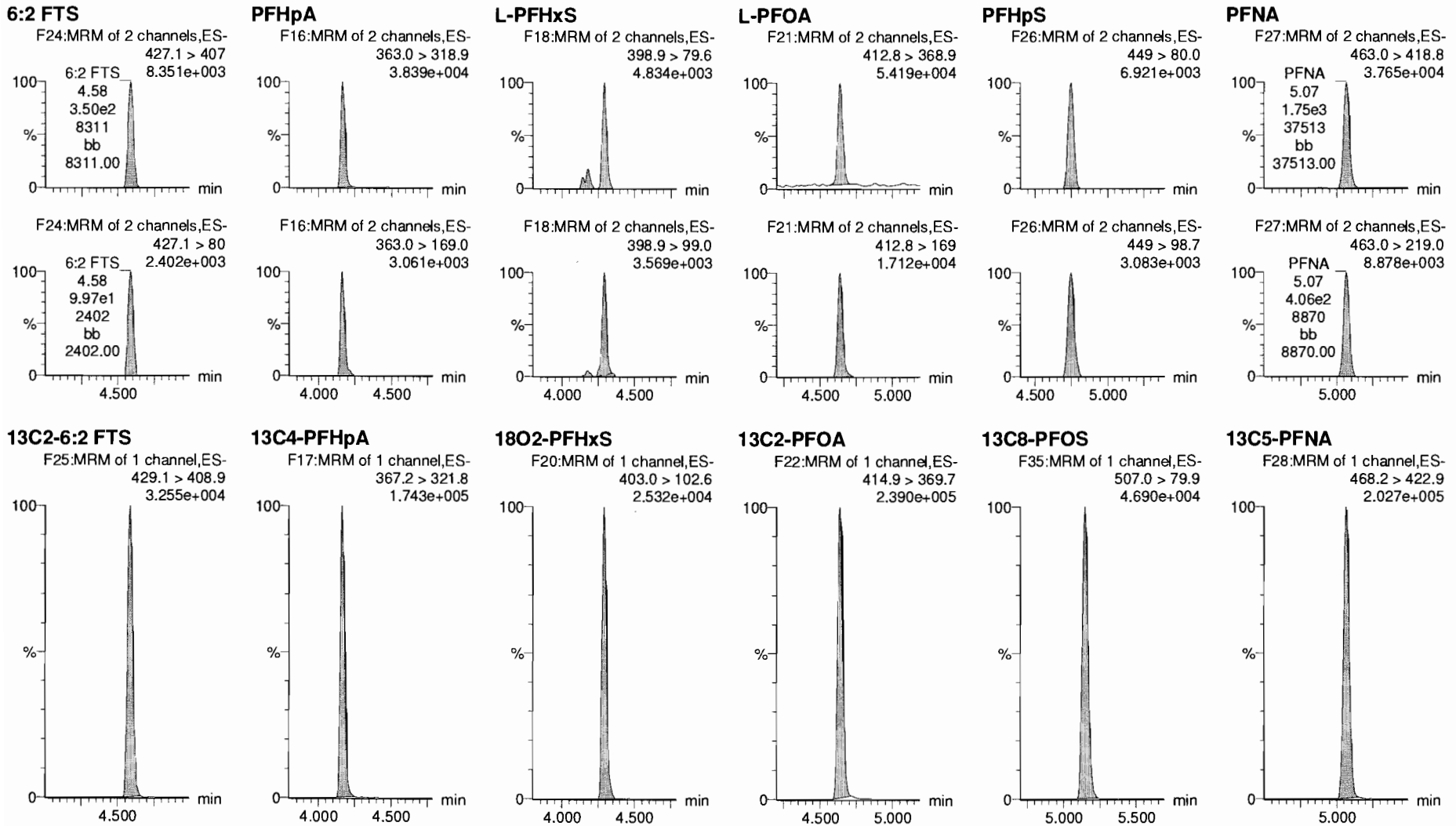
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Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

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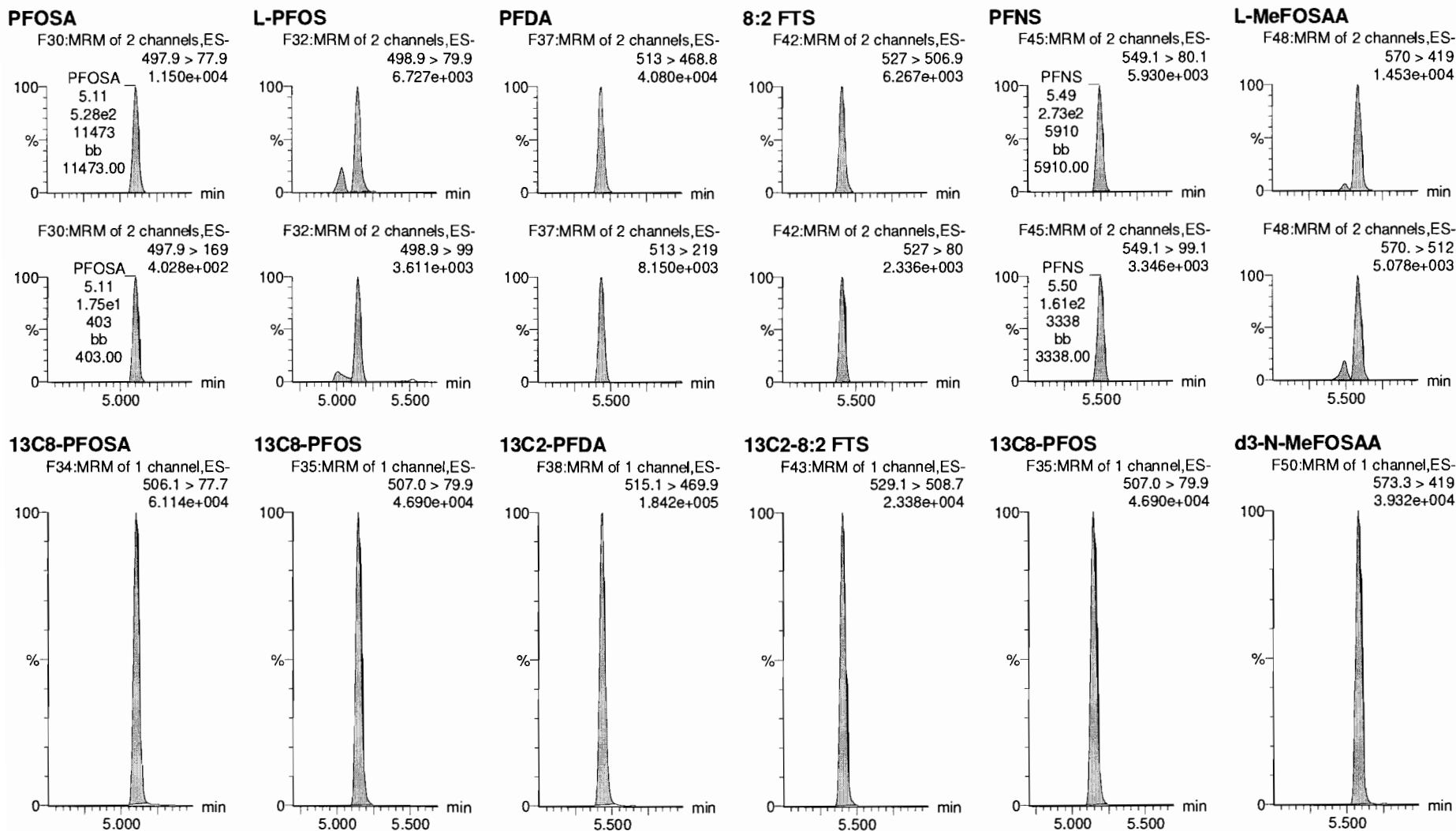


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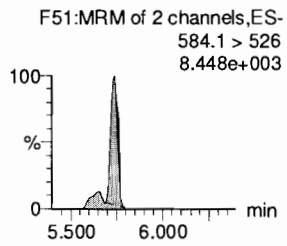
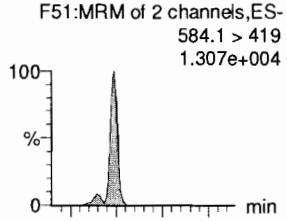


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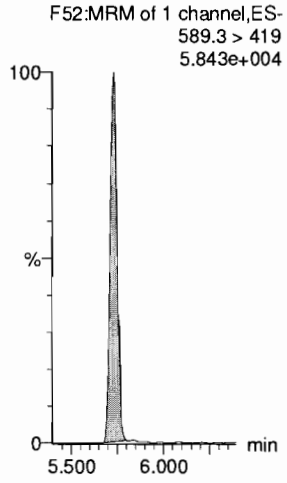
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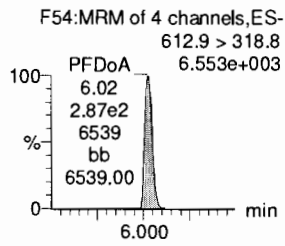
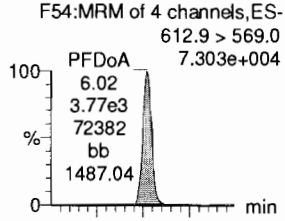
L-EtFOSAA



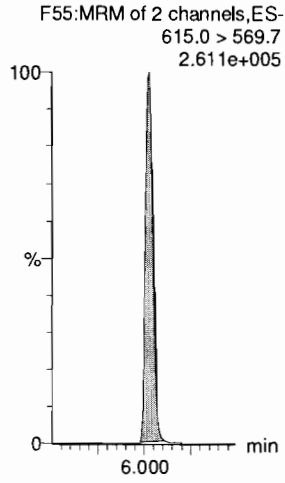
d5-N-EtFOSAA



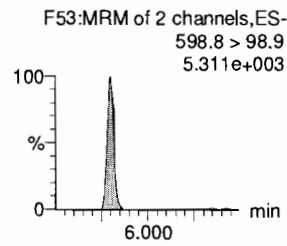
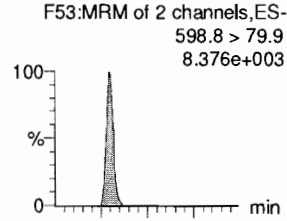
PFDaA



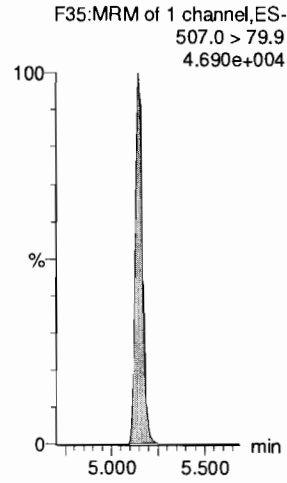
13C2-PFDaA



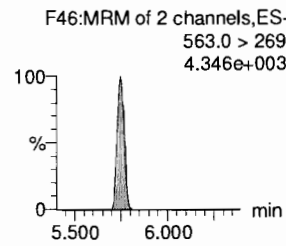
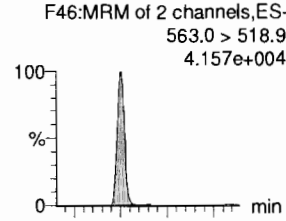
PFDS



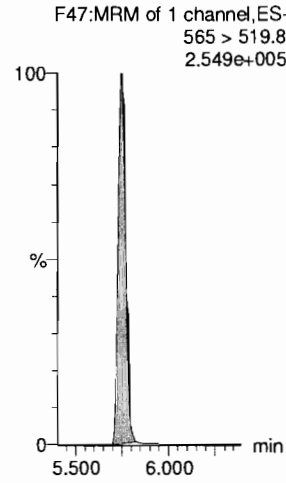
13C8-PFOS



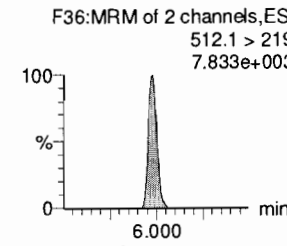
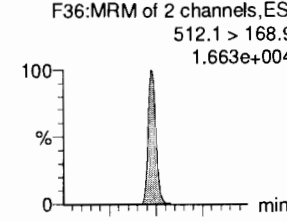
PFUdA



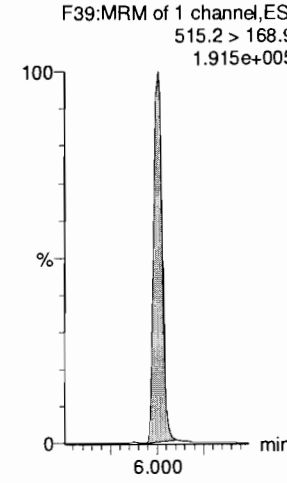
13C2-PFUdA



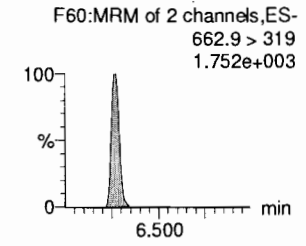
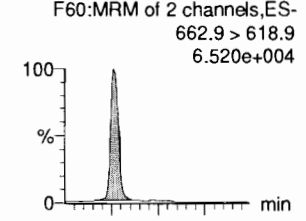
N-MeFOSA



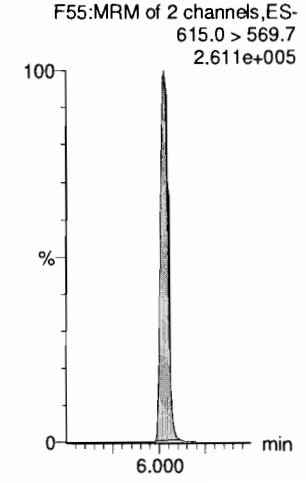
d3-N-MeFOSA



PFTrDA



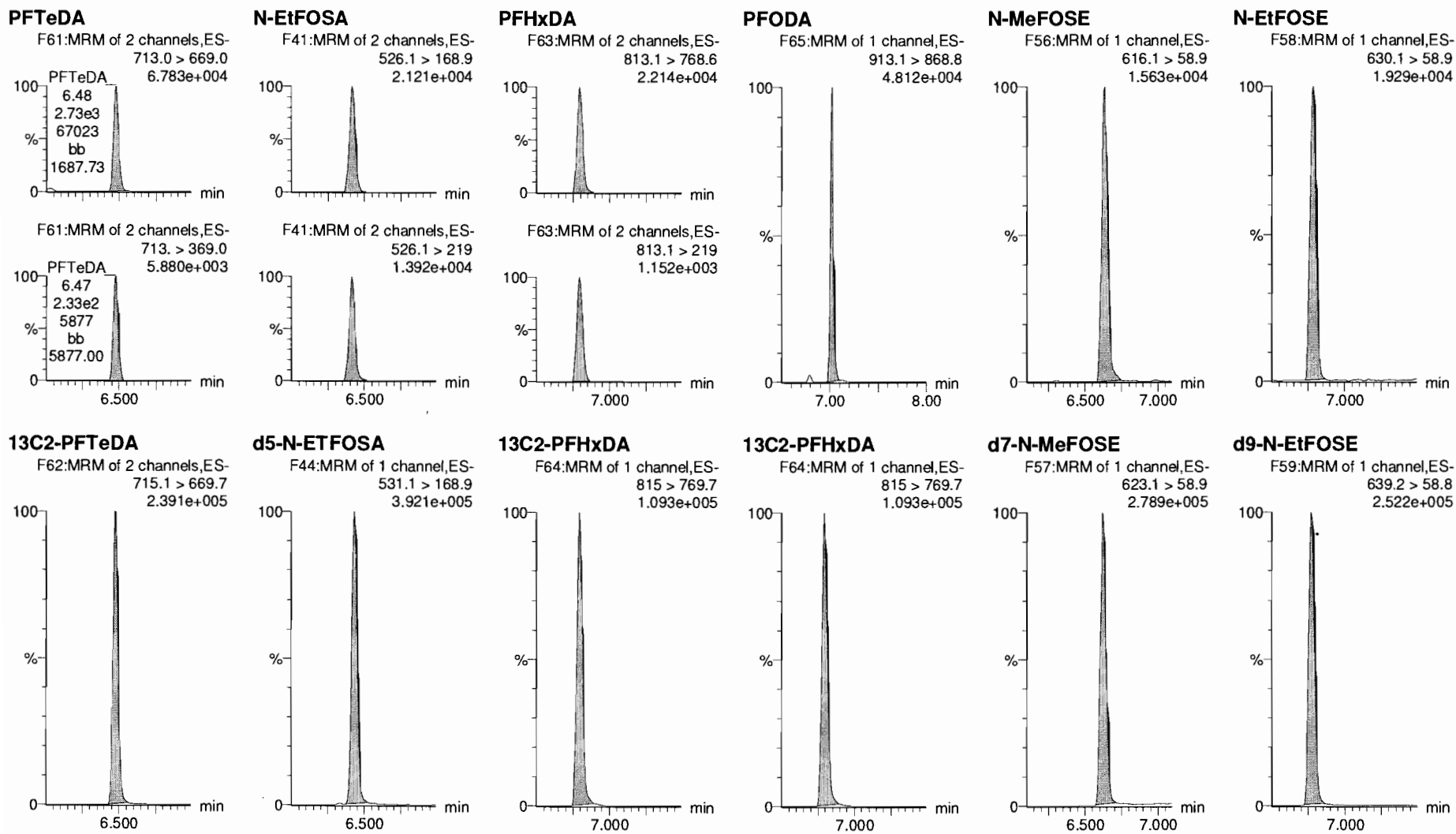
13C2-PFDaA



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

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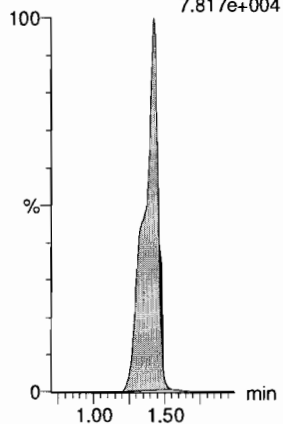
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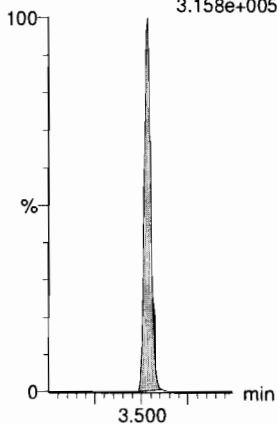
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.817e+004



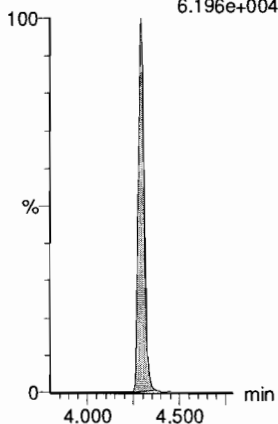
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
3.158e+005



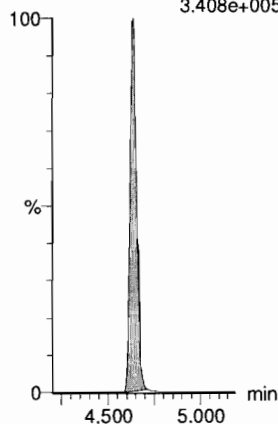
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
6.196e+004



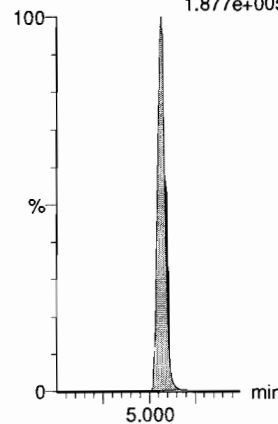
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.408e+005



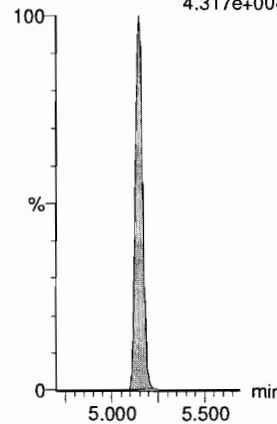
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.877e+005



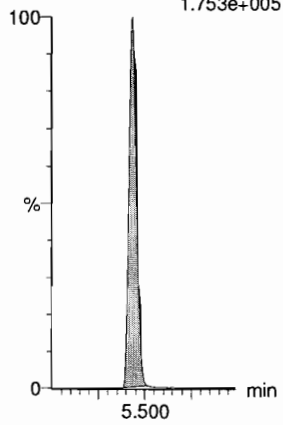
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.317e+004



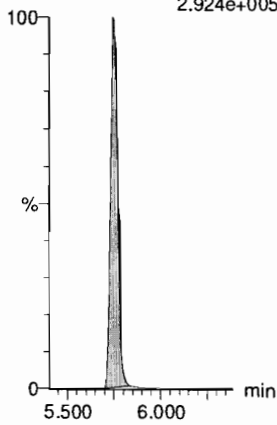
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.753e+005



13C7-PFUDA

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.924e+005

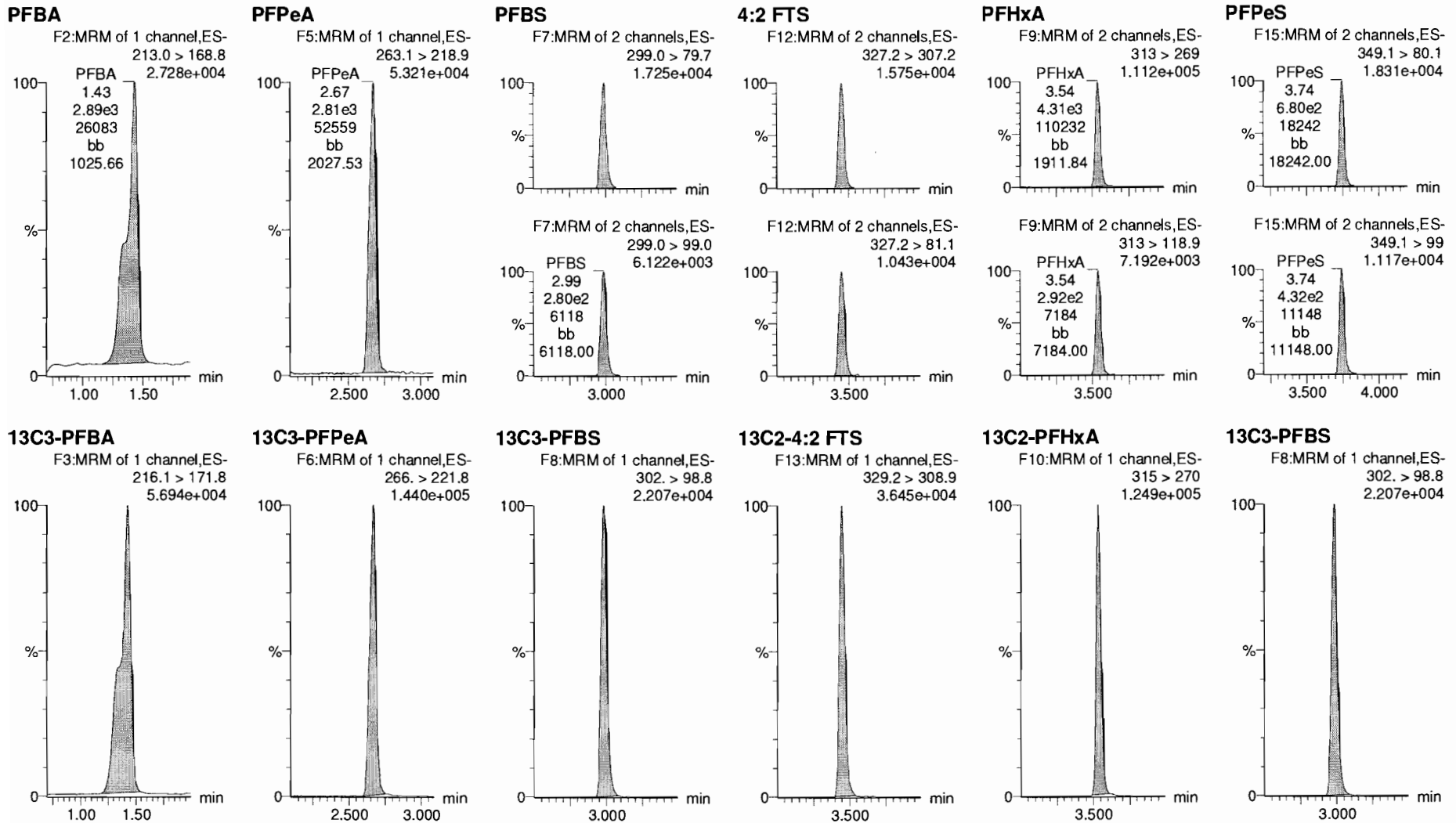


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

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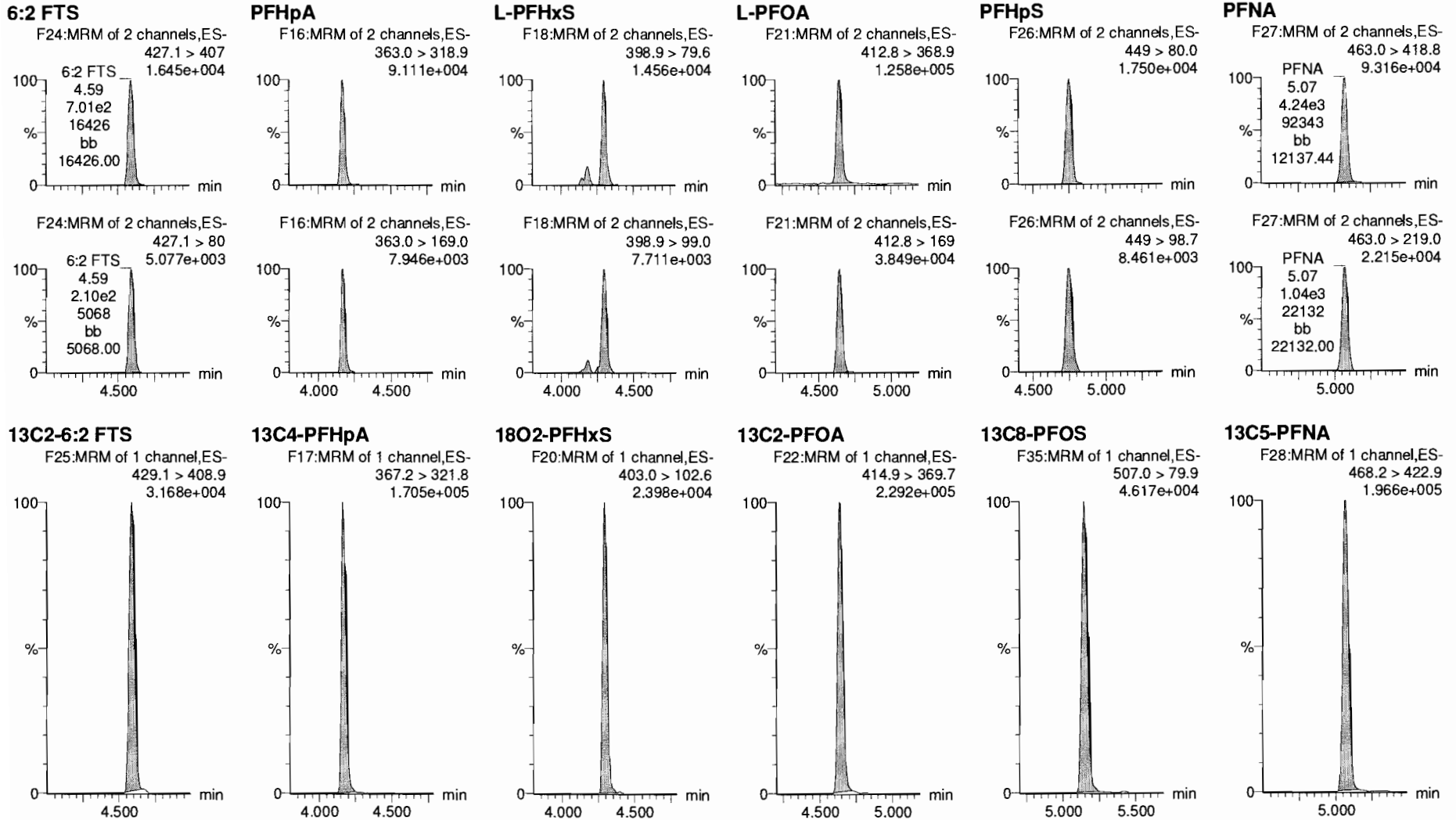
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Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

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Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

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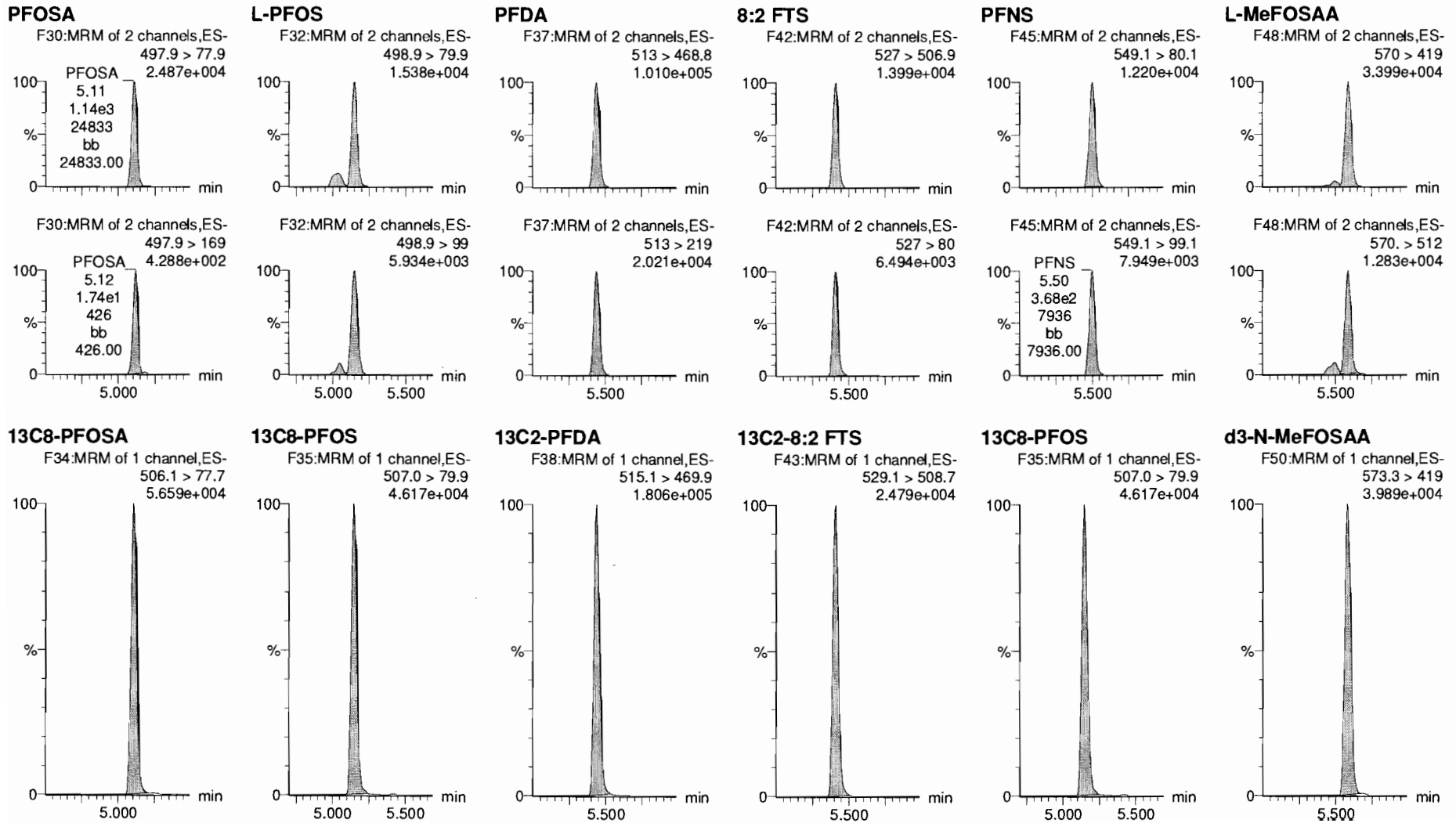


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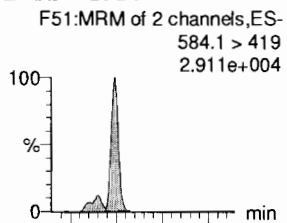
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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

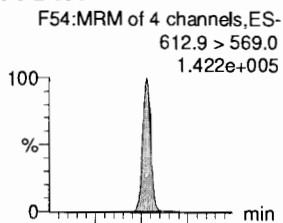
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

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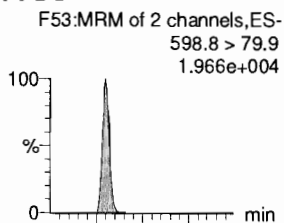
L-EtFOSAA



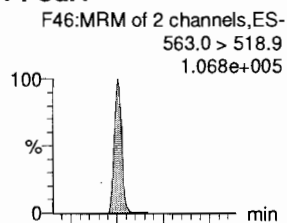
PFDoA



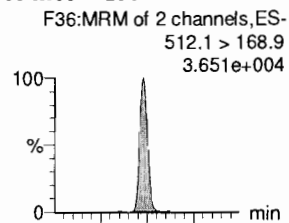
PFDS



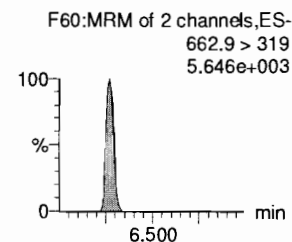
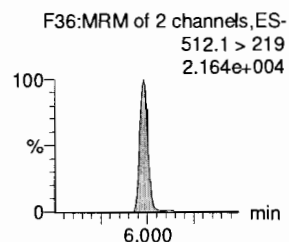
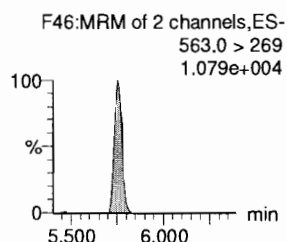
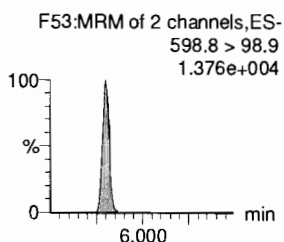
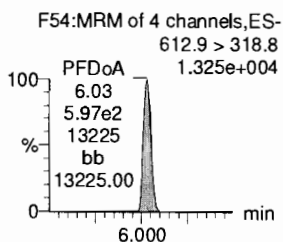
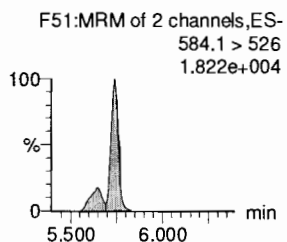
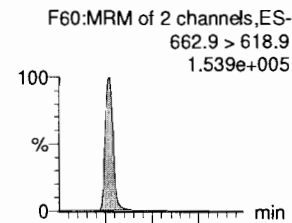
PFUdA



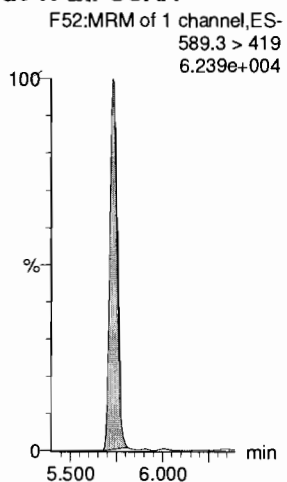
N-MeFOSA



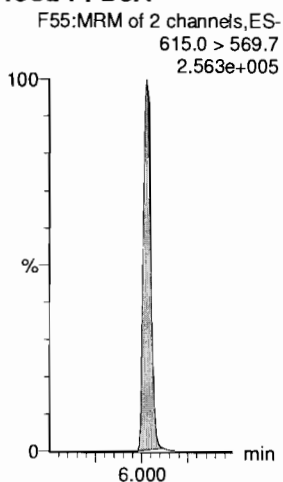
PFTrDA



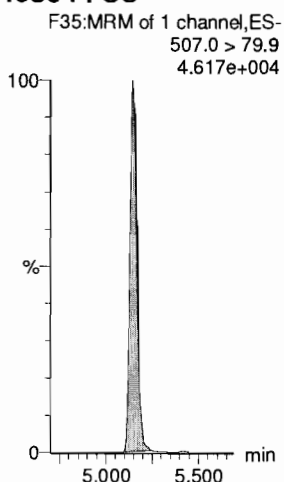
d5-N-EtFOSAA



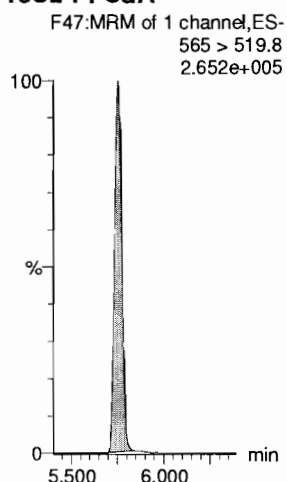
13C2-PFDoA



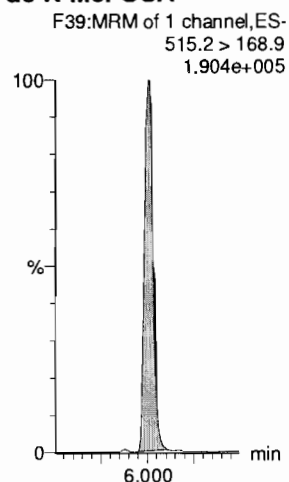
13C8-PFOS



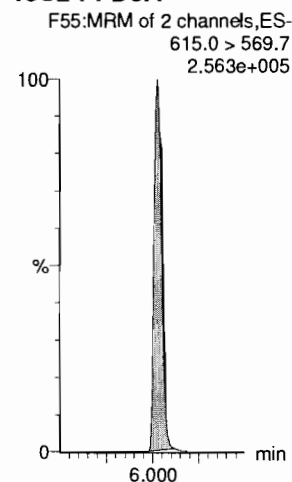
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

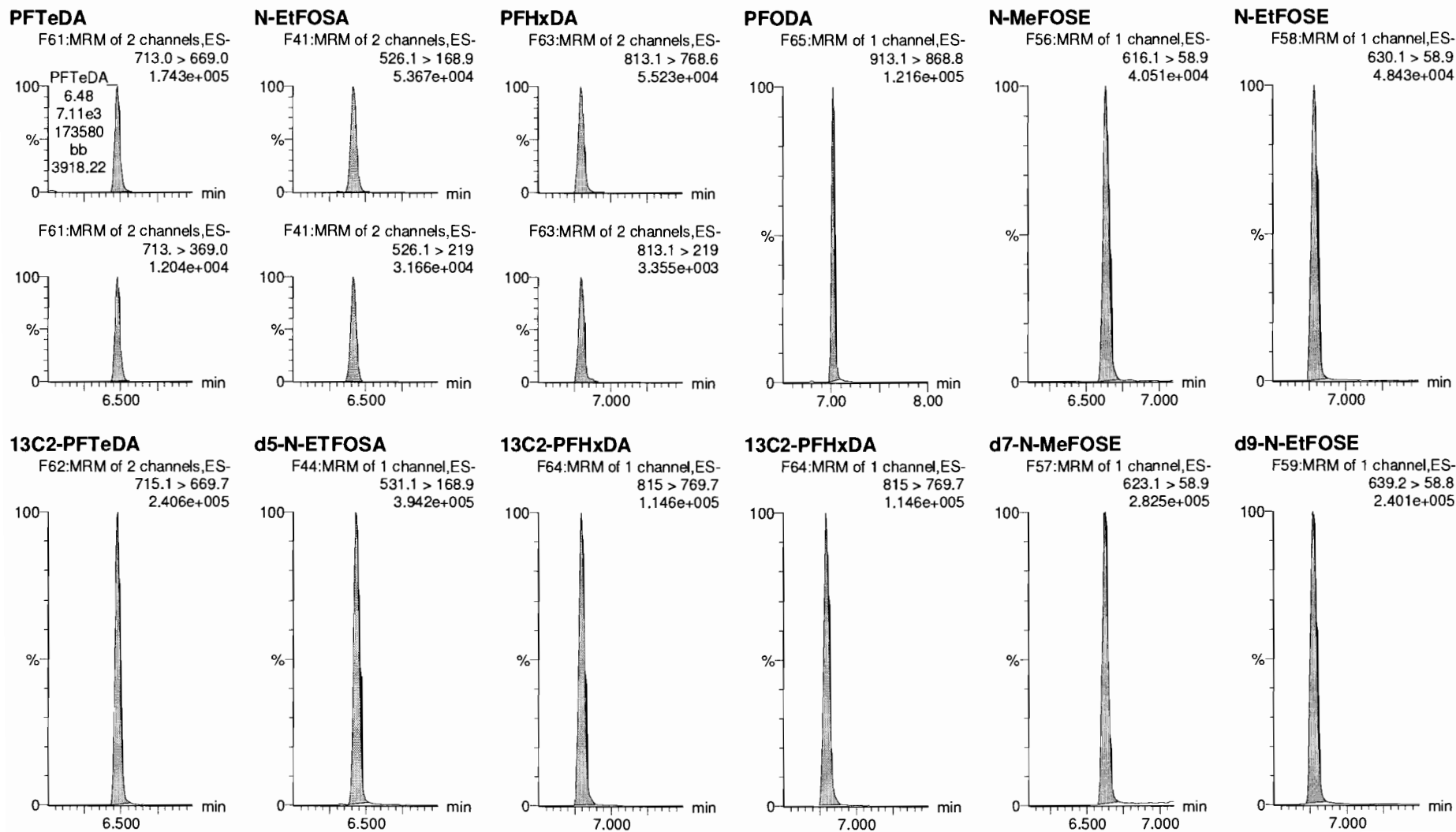


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_6, Date: 26-Oct-2018, Time: 16:39:50, ID: ST181026M2-5 PFC CS2 18J1819, Description: PFC CS2 18J1819



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

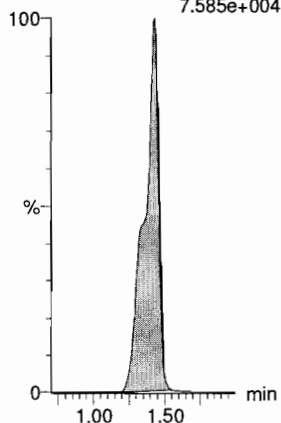
Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_6, Date: 26-Oct-2018, Time: 16:39:50, ID: ST181026M2-5 PFC CS2 18J1819, Description: PFC CS2 18J1819

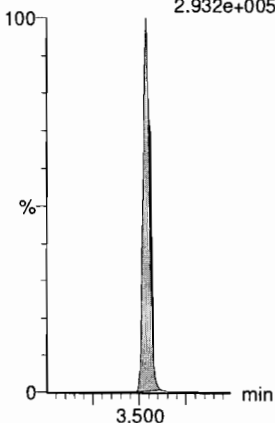
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.585e+004



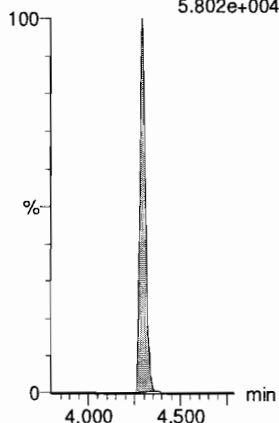
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
2.932e+005



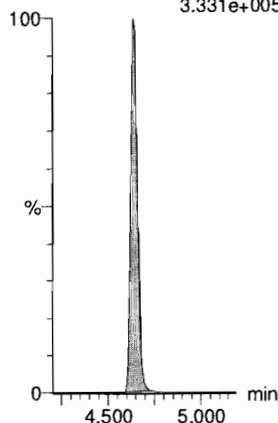
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
5.802e+004



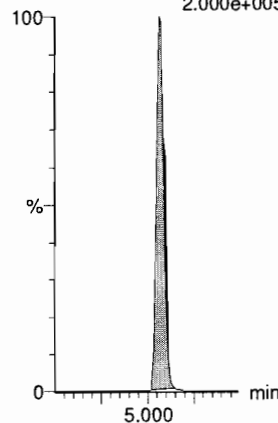
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.331e+005



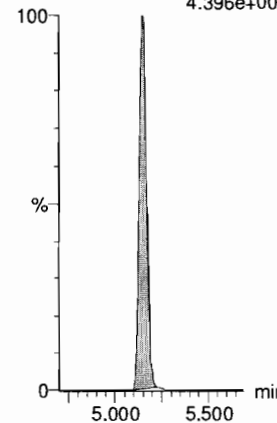
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
2.000e+005



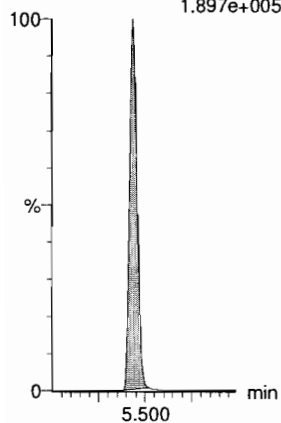
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.396e+004



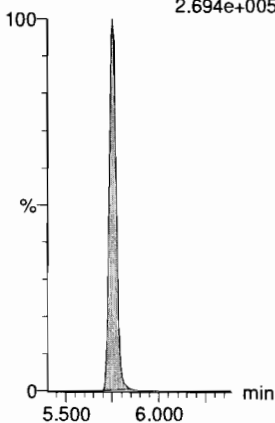
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.897e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.694e+005



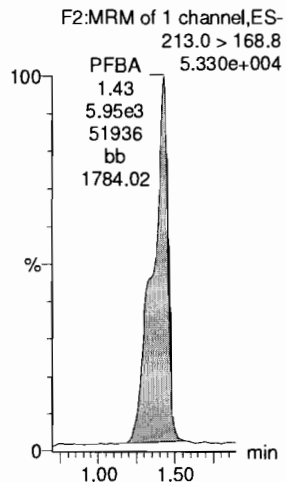
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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

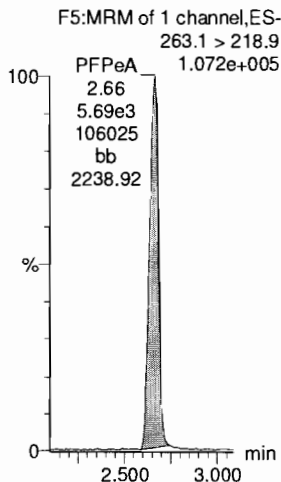
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

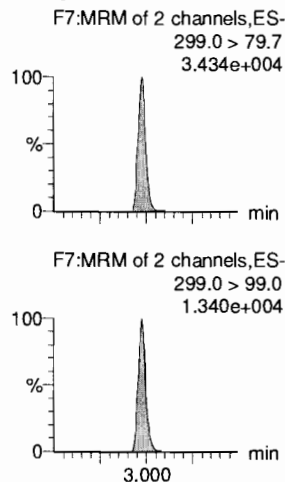
PFBA



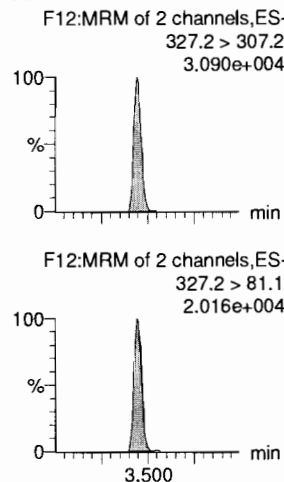
PFPeA



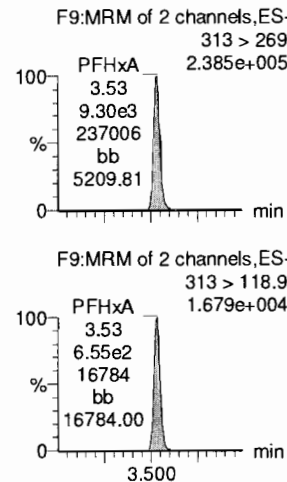
PFBS



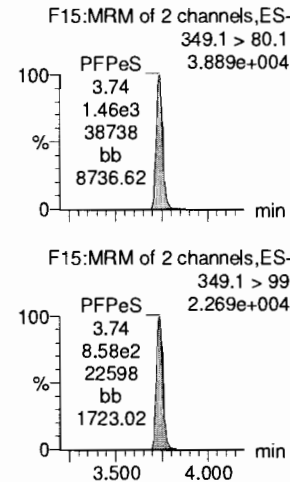
4:2 FTS



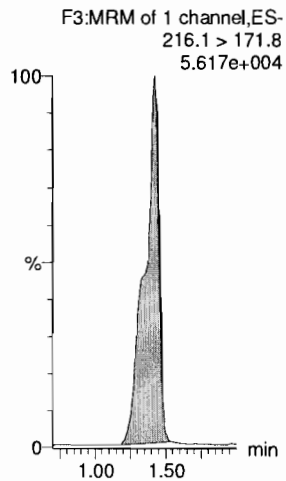
PFHxA



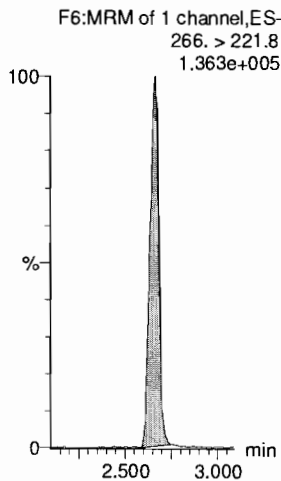
PFPeS



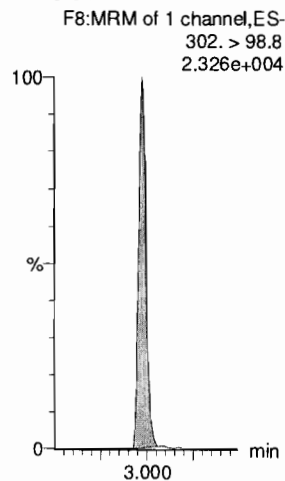
13C3-PFBA



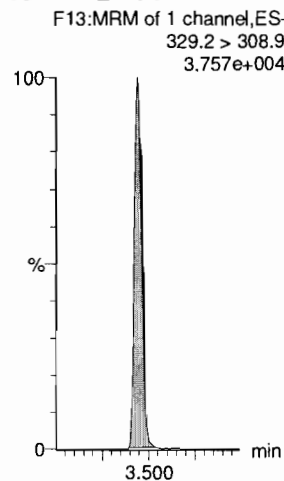
13C3-PFPeA



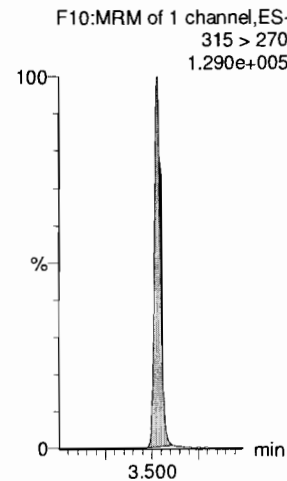
13C3-PFBS



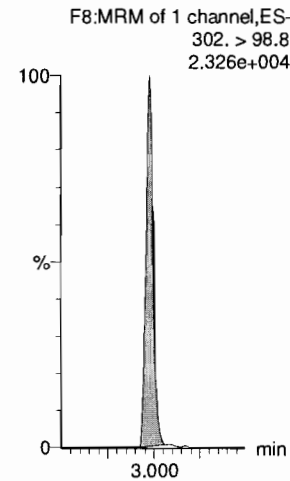
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

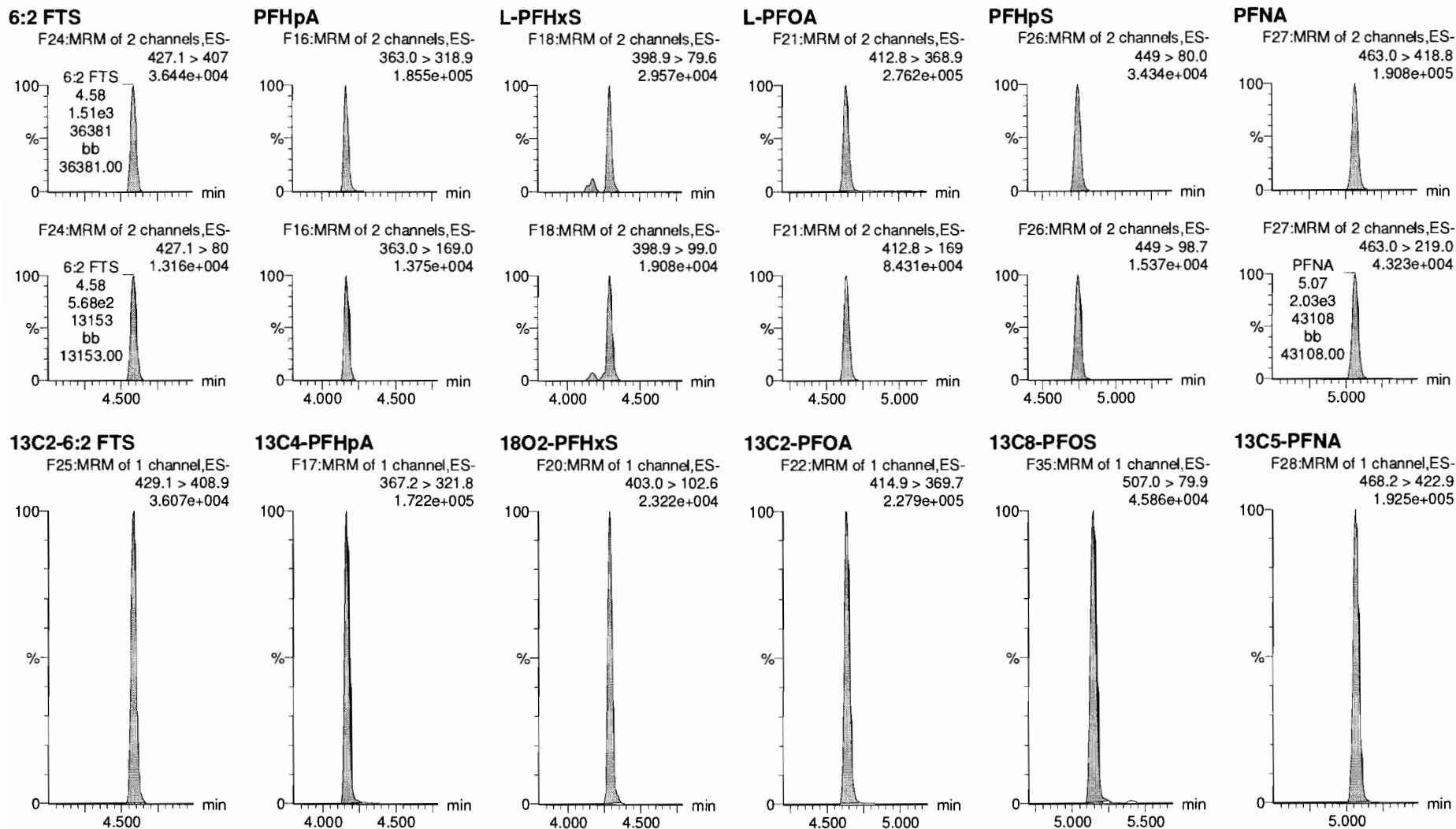


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

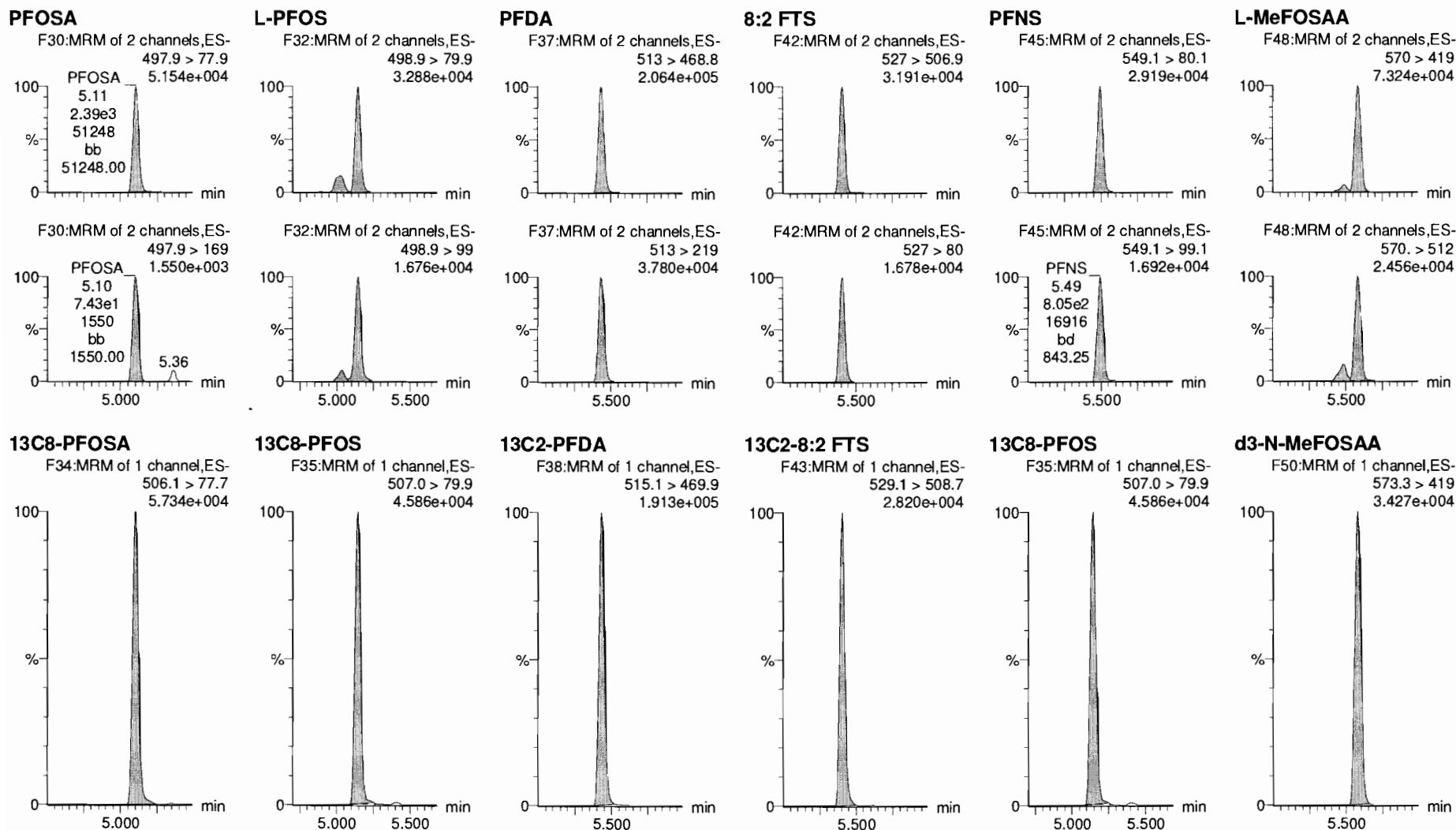


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820



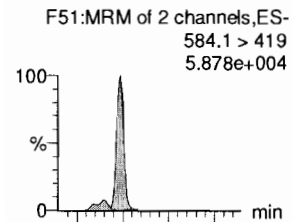
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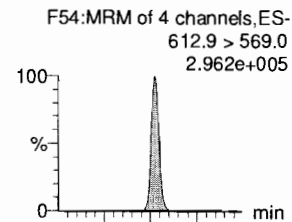
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

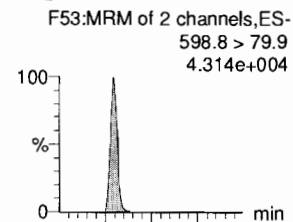
L-EtFOSAA



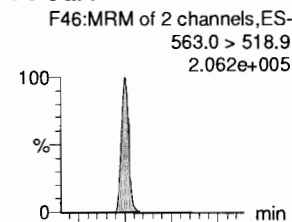
PFDoA



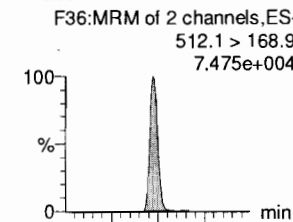
PFDS



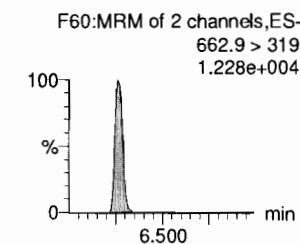
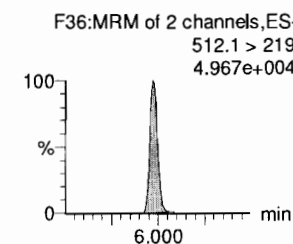
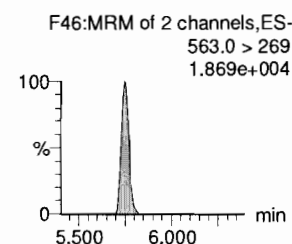
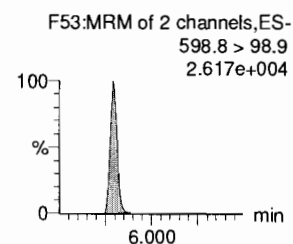
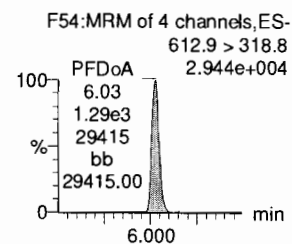
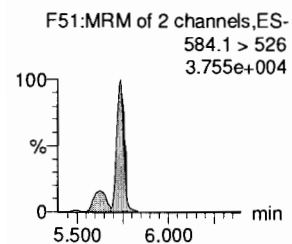
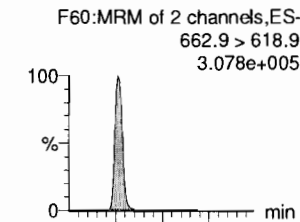
PFUdA



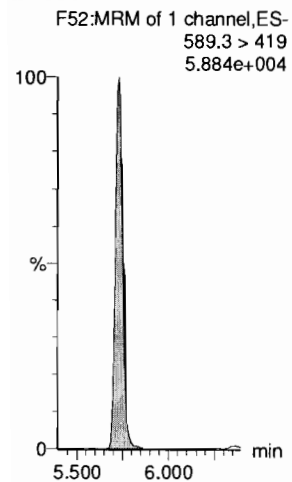
N-MeFOSA



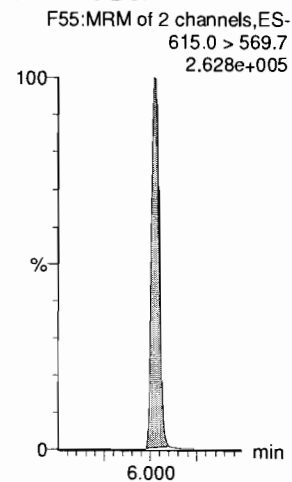
PFTrDA



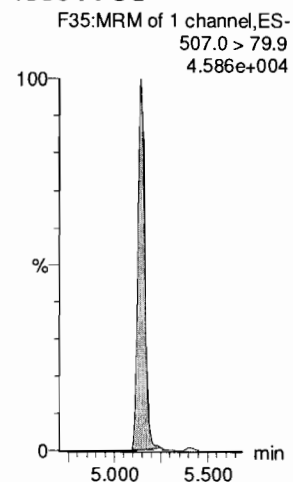
d5-N-EtFOSAA



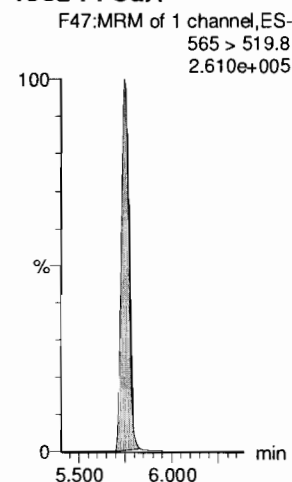
13C2-PFDoA



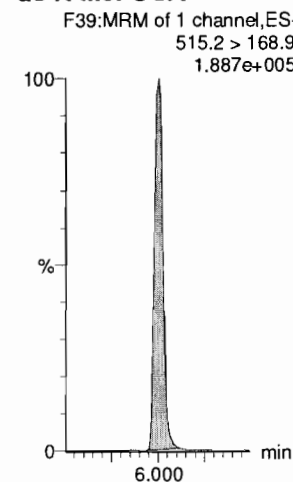
13C8-PFOS



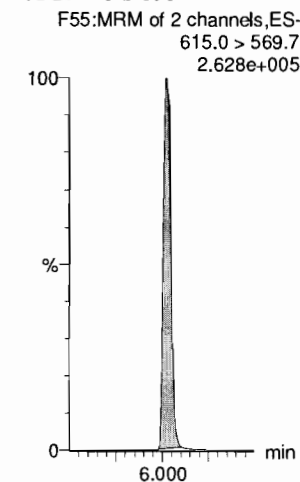
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

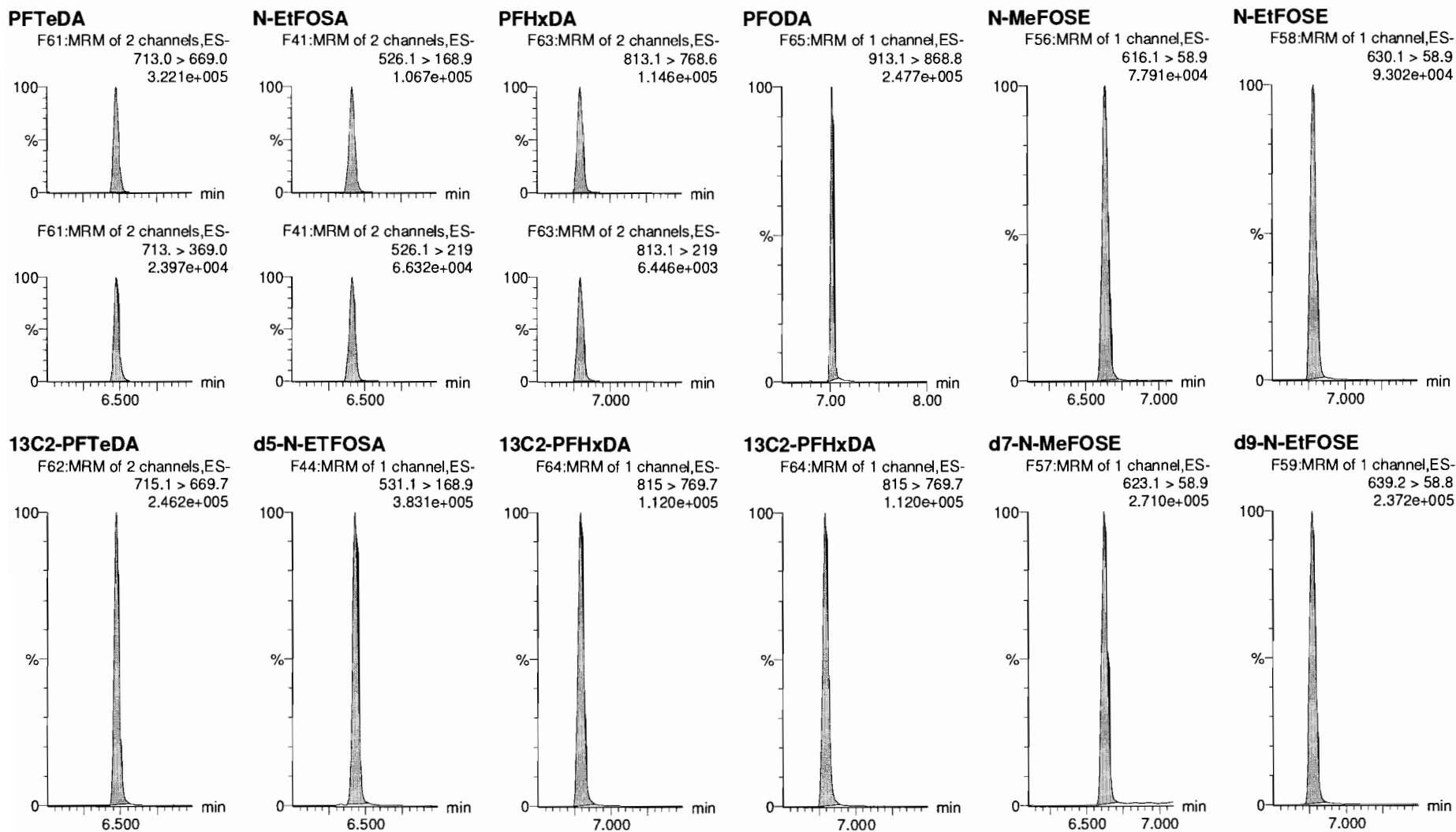


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

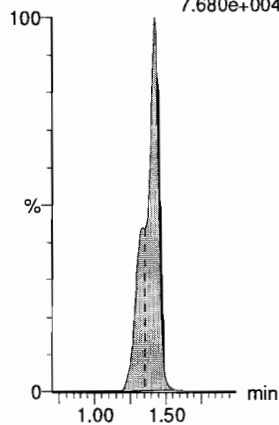
Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_7, Date: 26-Oct-2018, Time: 16:50:28, ID: ST181026M2-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

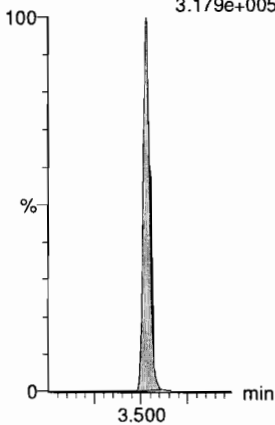
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.680e+004



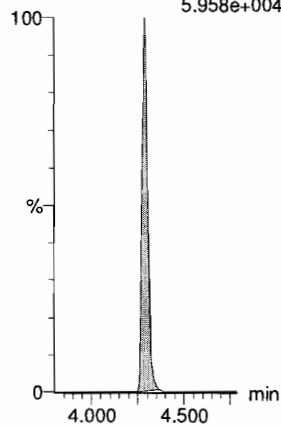
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
3.179e+005



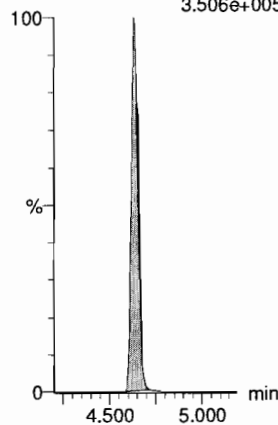
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
5.958e+004



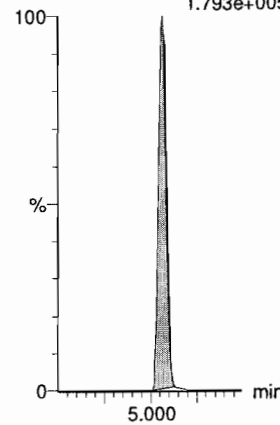
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.506e+005



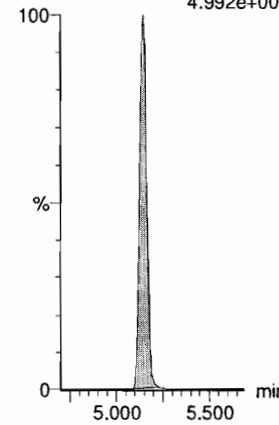
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.793e+005



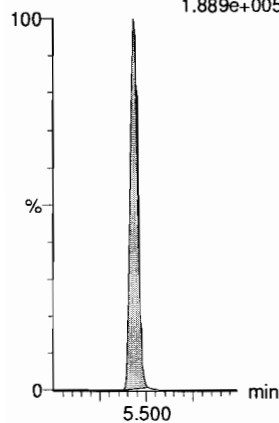
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.992e+004



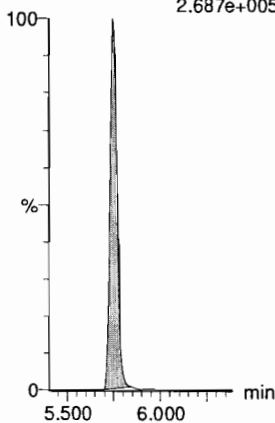
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.889e+005



13C7-PFUDa

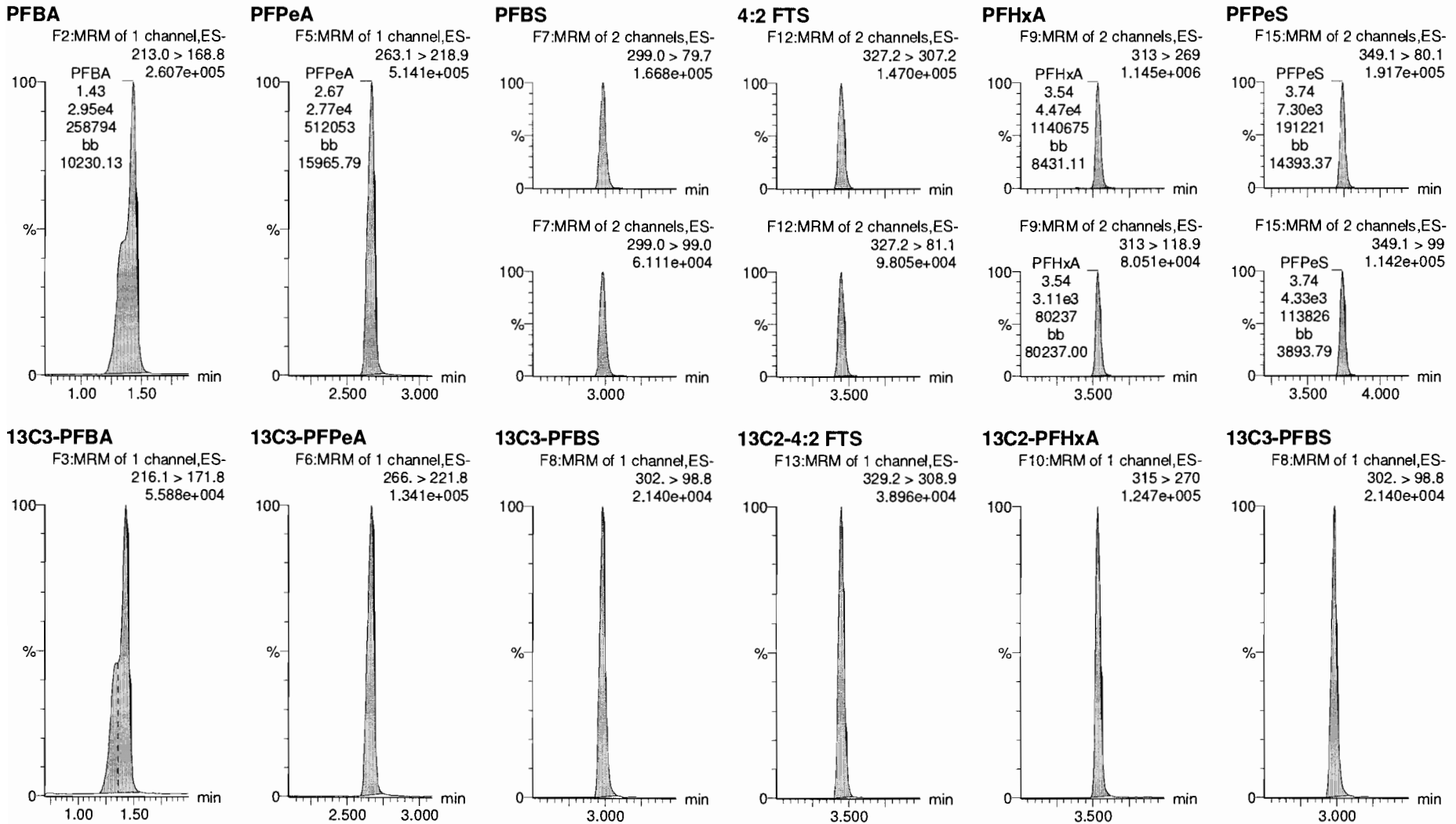
F49:MRM of 1 channel,ES-
570.1 > 524.8
2.687e+005



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_8, Date: 26-Oct-2018, Time: 17:01:00, ID: ST181026M2-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

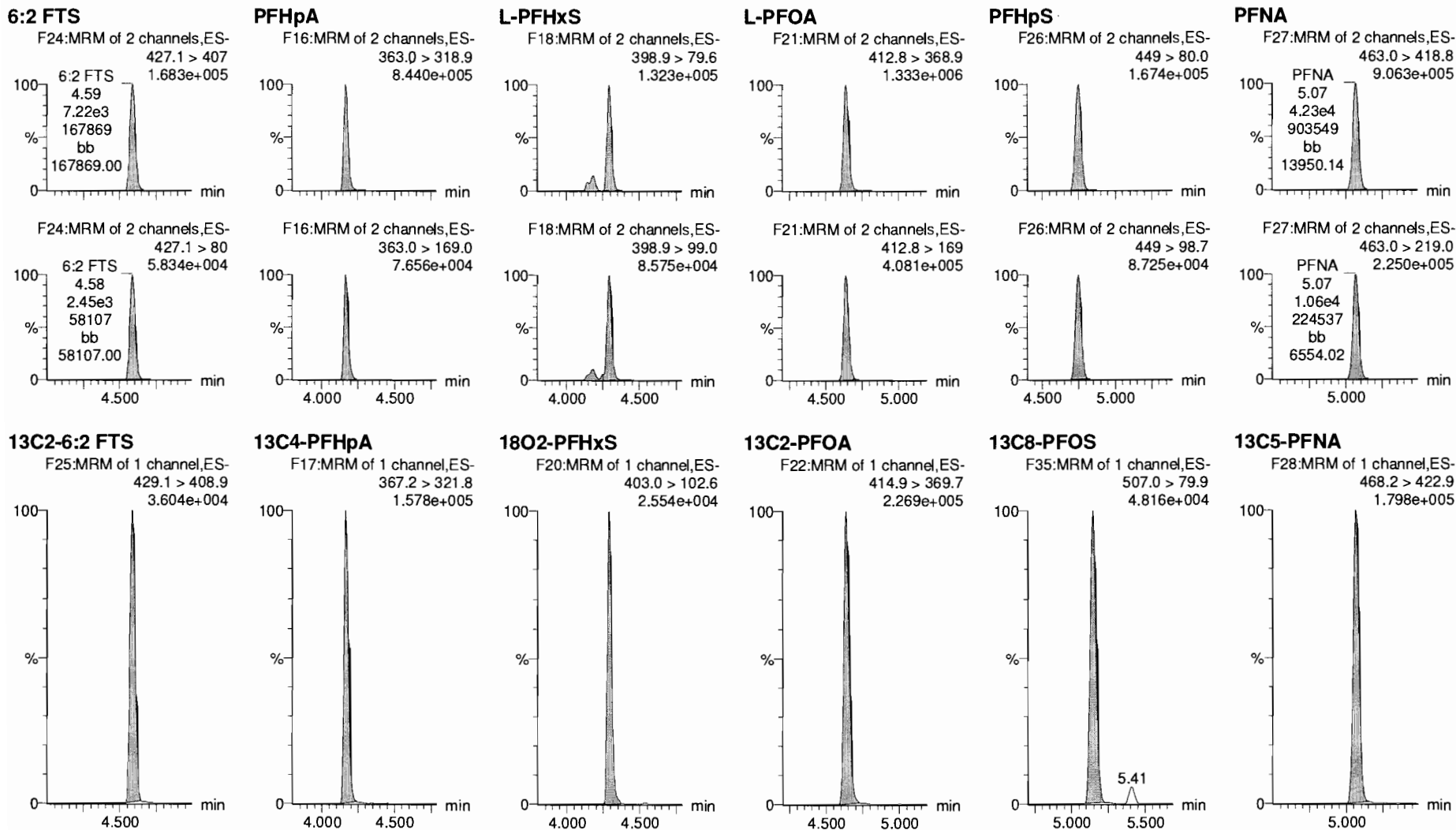


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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_8, Date: 26-Oct-2018, Time: 17:01:00, ID: ST181026M2-7 PFC CS4 18J1821, Description: PFC CS4 18J1821



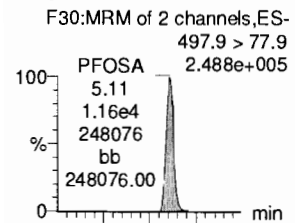
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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

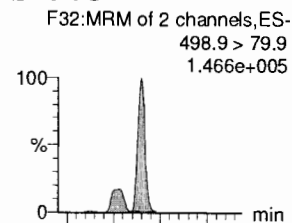
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_8, Date: 26-Oct-2018, Time: 17:01:00, ID: ST181026M2-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

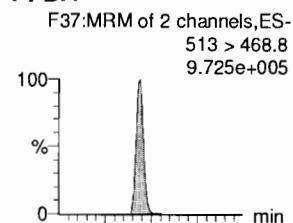
PFOSA



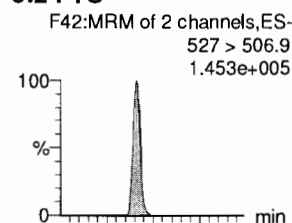
L-PFOS



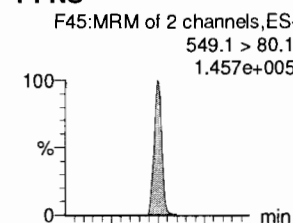
PFDA



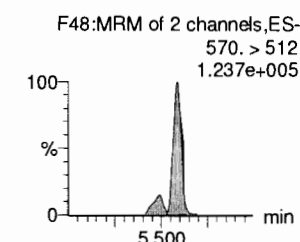
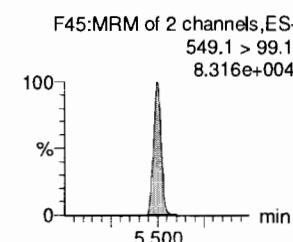
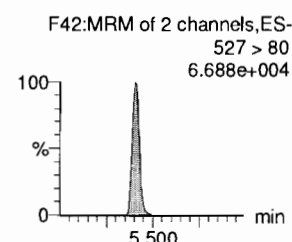
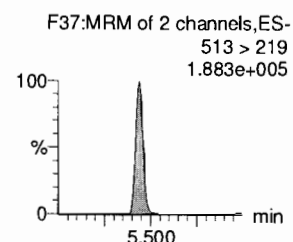
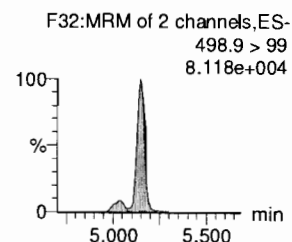
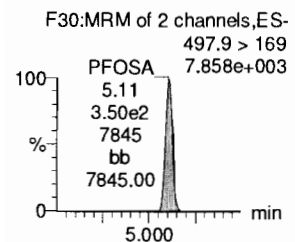
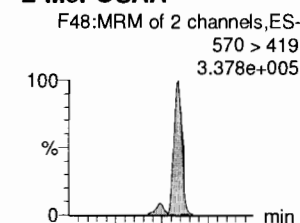
8:2 FTS



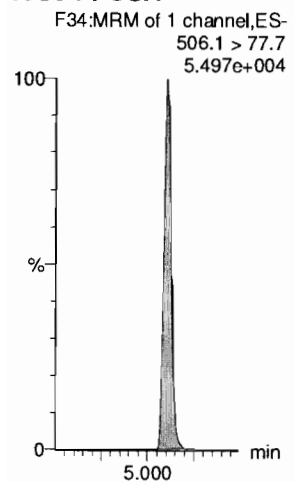
PFNS



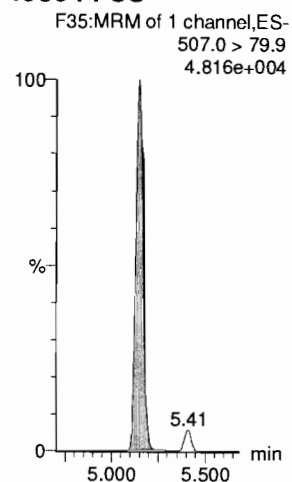
L-MeFOSAA



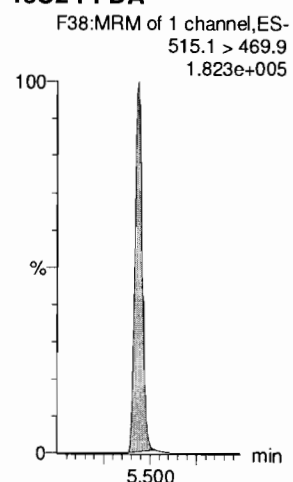
13C8-PFOSA



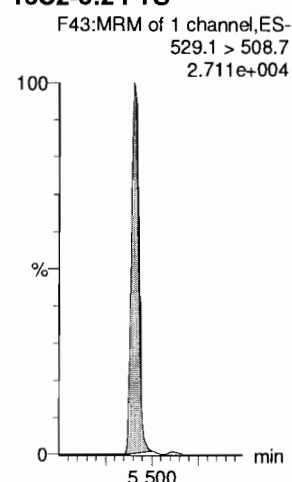
13C8-PFOS



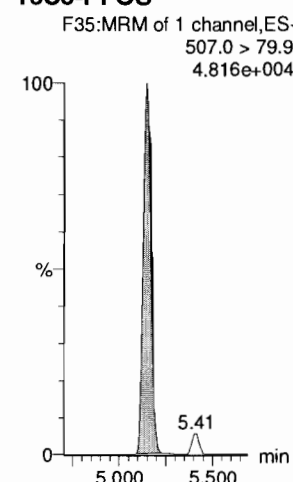
13C2-PFDA



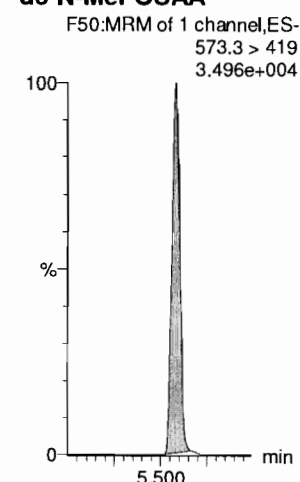
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

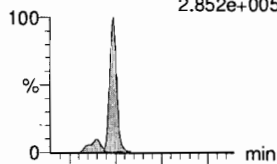
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Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_8, Date: 26-Oct-2018, Time: 17:01:00, ID: ST181026M2-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

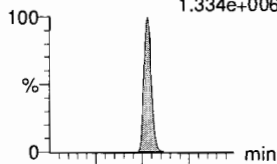
L-EtFOSAA

F51:MRM of 2 channels,ES-
584.1 > 419
2.852e+005



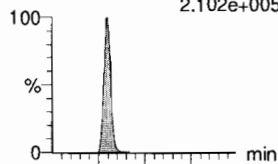
PFDoA

F54:MRM of 4 channels,ES-
612.9 > 569.0
1.334e+006



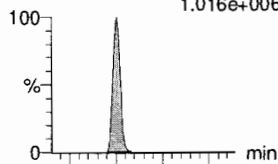
PFDS

F53:MRM of 2 channels,ES-
598.8 > 79.9
2.102e+005



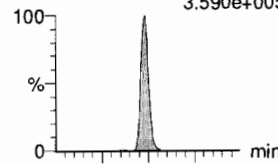
PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
1.016e+006



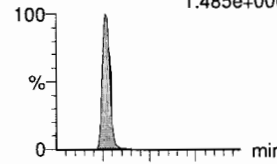
N-MeFOSA

F36:MRM of 2 channels,ES-
512.1 > 168.9
3.590e+005

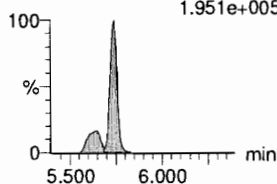


PFTrDA

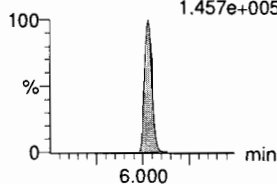
F60:MRM of 2 channels,ES-
662.9 > 618.9
1.485e+006



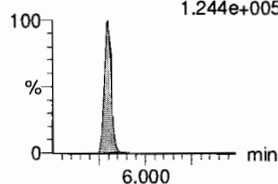
F51:MRM of 2 channels,ES-
584.1 > 526
1.951e+005



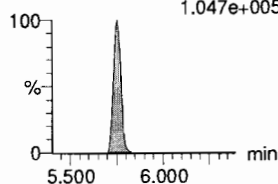
F54:MRM of 4 channels,ES-
612.9 > 318.8
1.457e+005



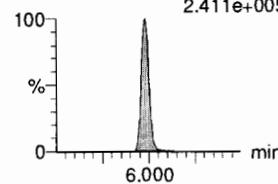
F53:MRM of 2 channels,ES-
598.8 > 98.9
1.244e+005



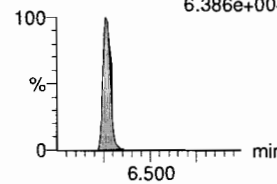
F46:MRM of 2 channels,ES-
563.0 > 269
1.047e+005



F36:MRM of 2 channels,ES-
512.1 > 219
2.411e+005

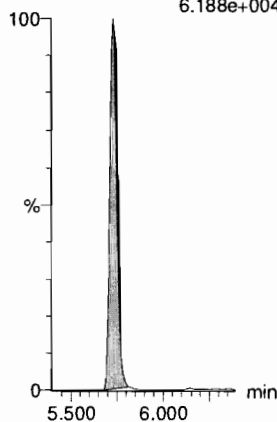


F60:MRM of 2 channels,ES-
662.9 > 319
6.386e+004



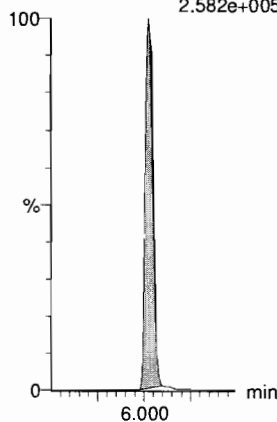
d5-N-EtFOSAA

F52:MRM of 1 channel,ES-
589.3 > 419
6.188e+004



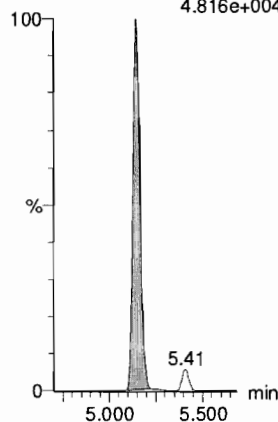
13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
2.582e+005



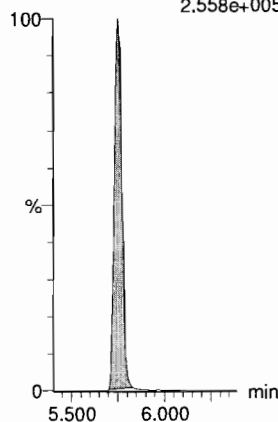
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
4.816e+004



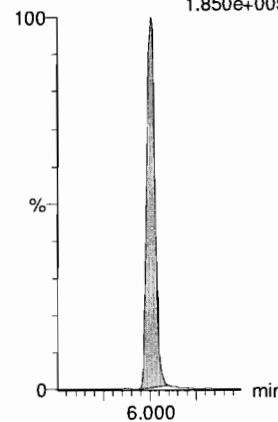
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
2.558e+005



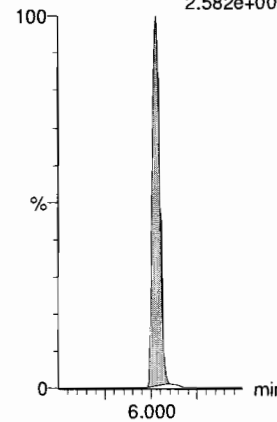
d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
1.850e+005



13C2-PFDoA

F55:MRM of 2 channels,ES-
615.0 > 569.7
2.582e+005



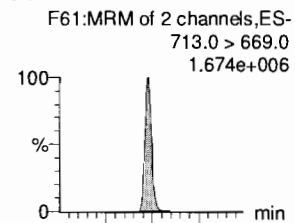
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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

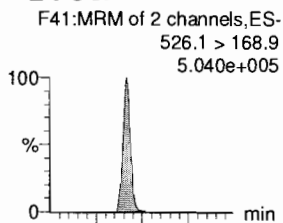
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Name: 181026M2_8, Date: 26-Oct-2018, Time: 17:01:00, ID: ST181026M2-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

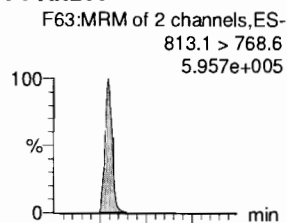
PFTeDA



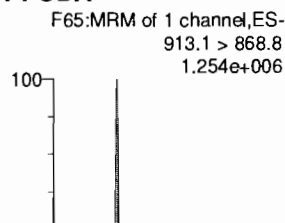
N-EtFOSA



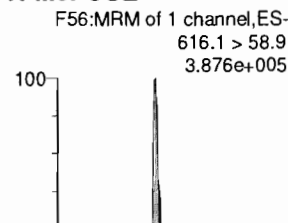
PFHxDA



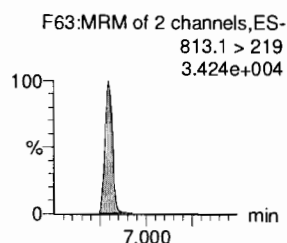
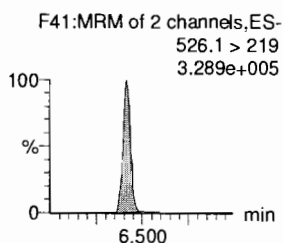
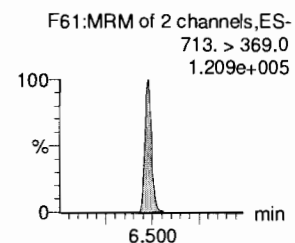
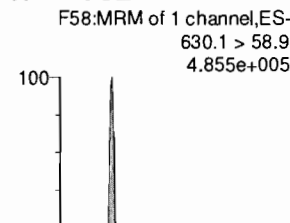
PFODA



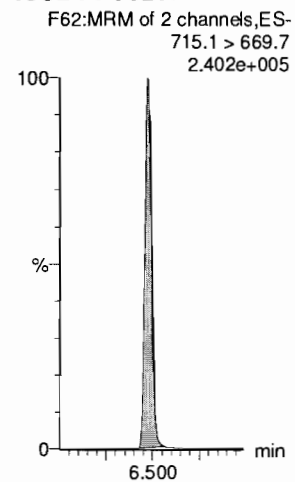
N-MeFOSE



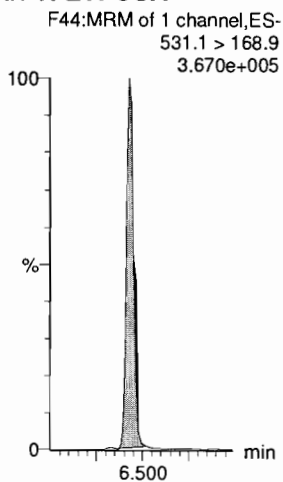
N-EtFOSE



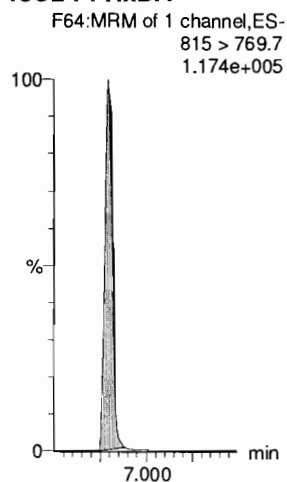
13C2-PFTeDA



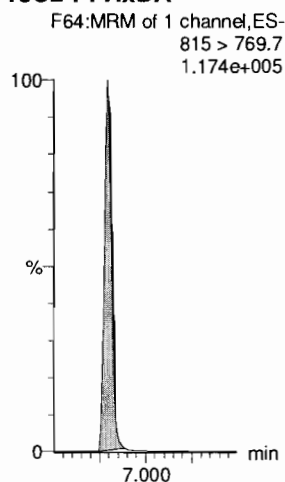
d5-N-ETFOSA



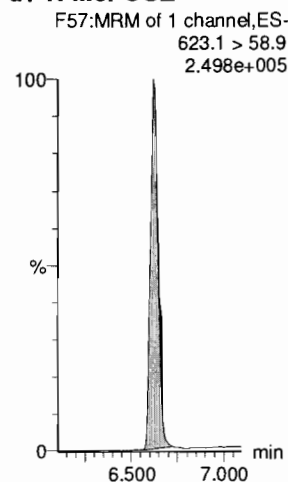
13C2-PFHxDA



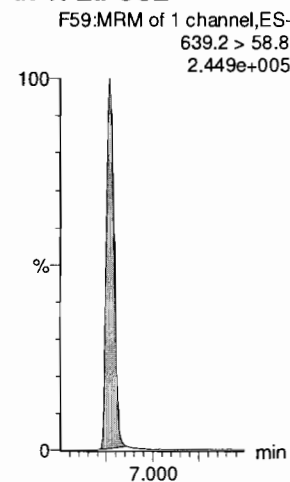
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

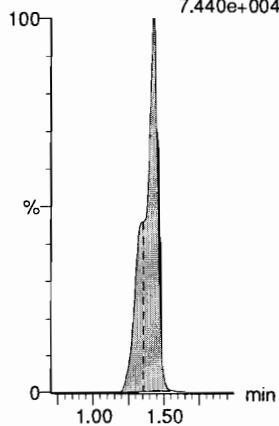
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Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_8, Date: 26-Oct-2018, Time: 17:01:00, ID: ST181026M2-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

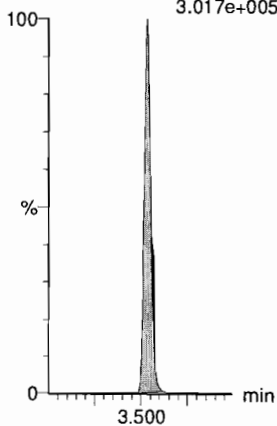
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.440e+004



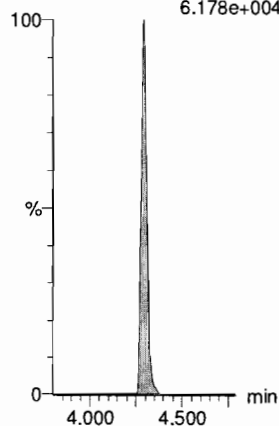
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
3.017e+005



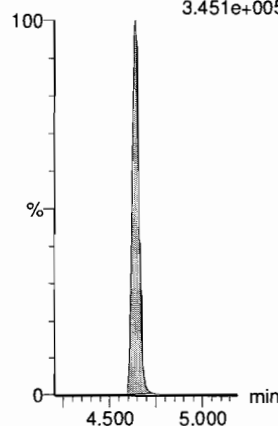
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
6.178e+004



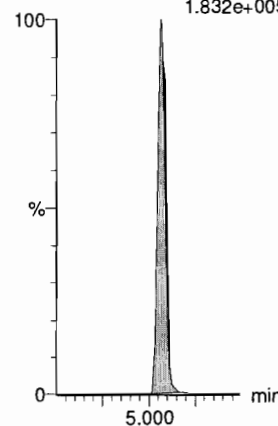
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.451e+005



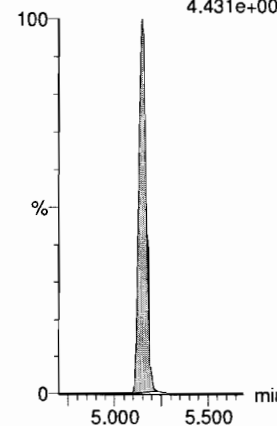
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.832e+005



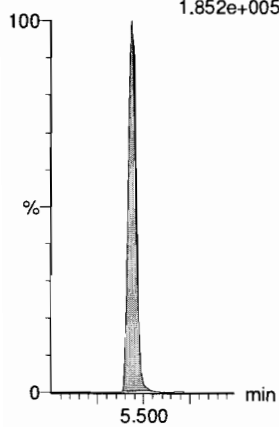
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.431e+004



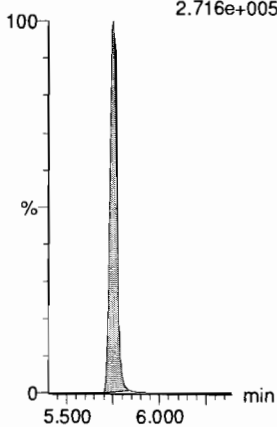
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.852e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.716e+005



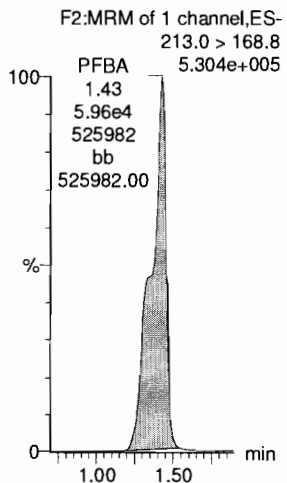
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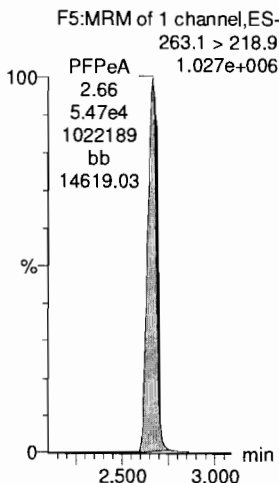
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Name: 181026M2_9, Date: 26-Oct-2018, Time: 17:11:39, ID: ST181026M2-8 PFC CS5 18J1822, Description: PFC CS5 18J1822

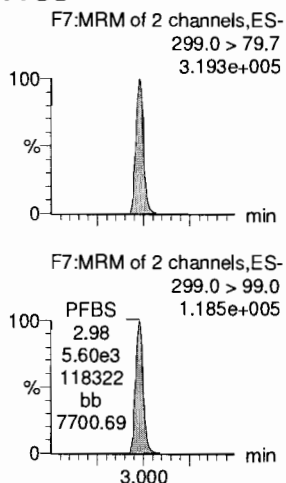
PFBA



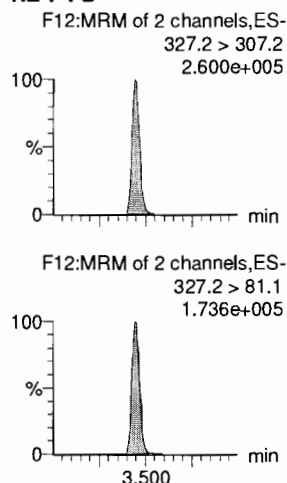
PFPeA



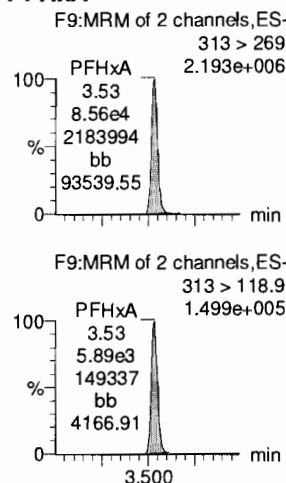
PFBS



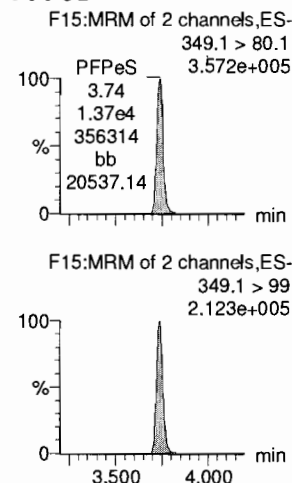
4:2 FTS



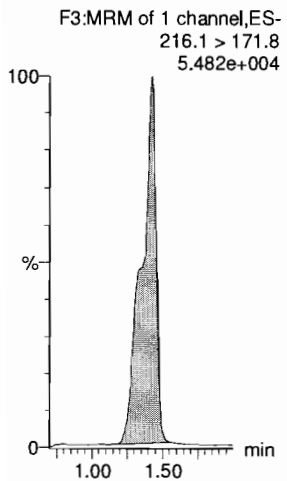
PFHxA



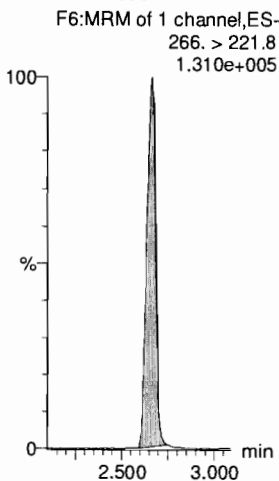
PFPeS



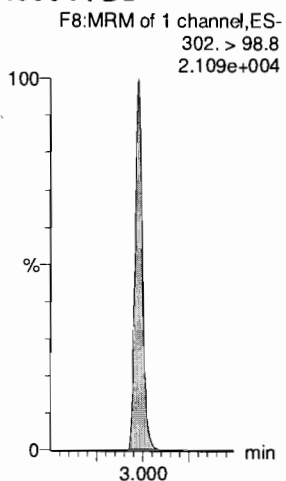
13C3-PFBA



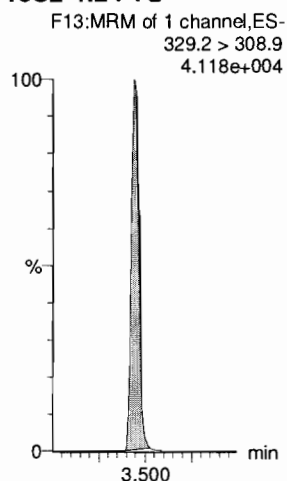
13C3-PFPeA



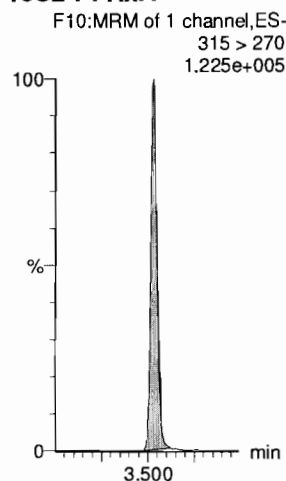
13C3-PFBS



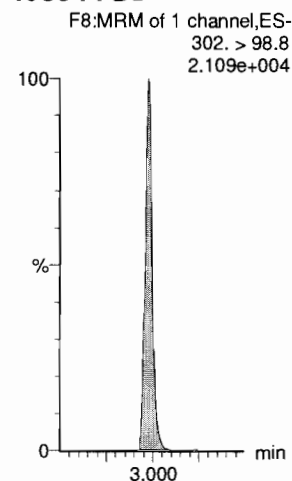
13C2-4:2 FTS



13C2-PFHxA



13C3-PFPeS

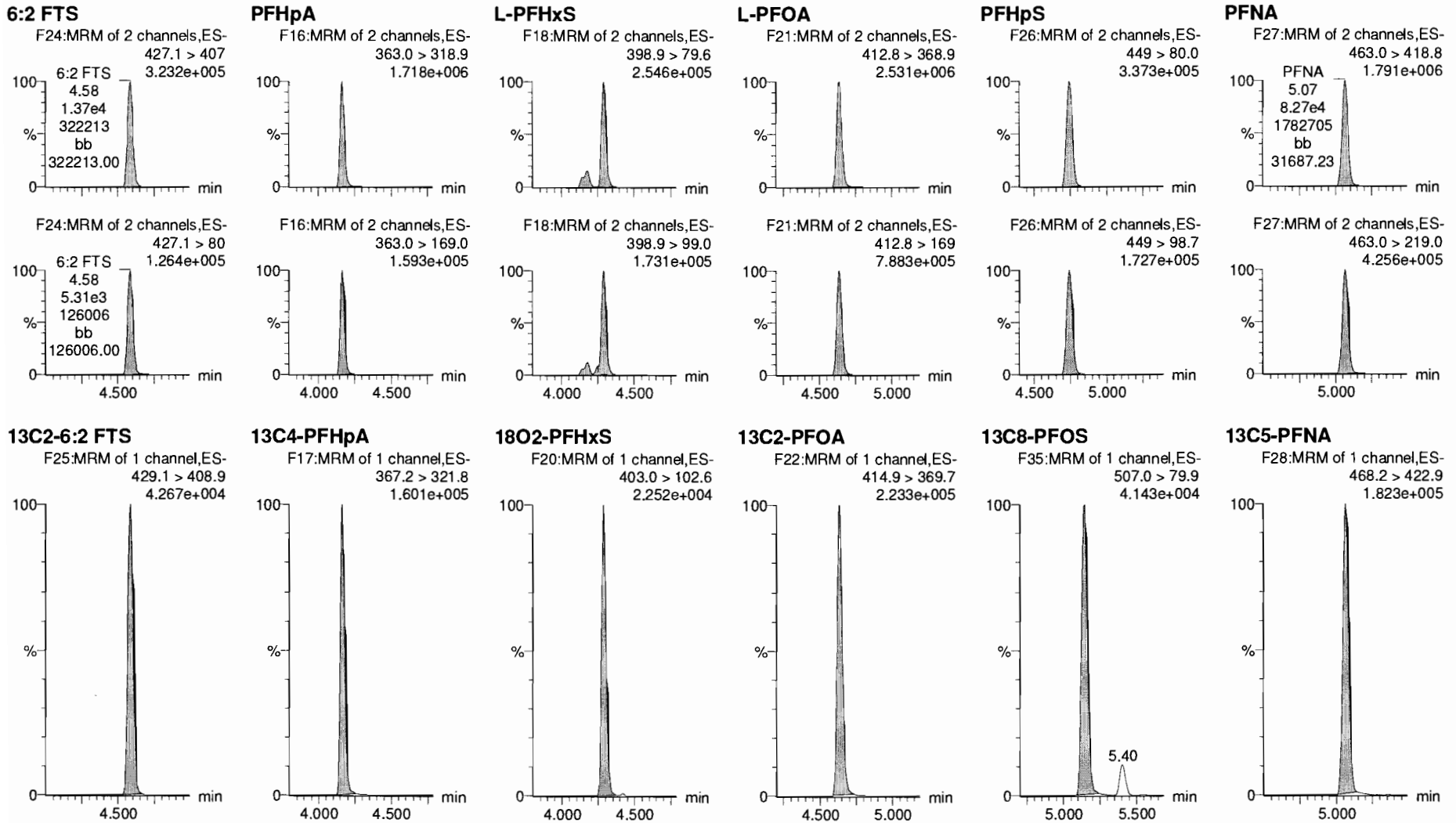


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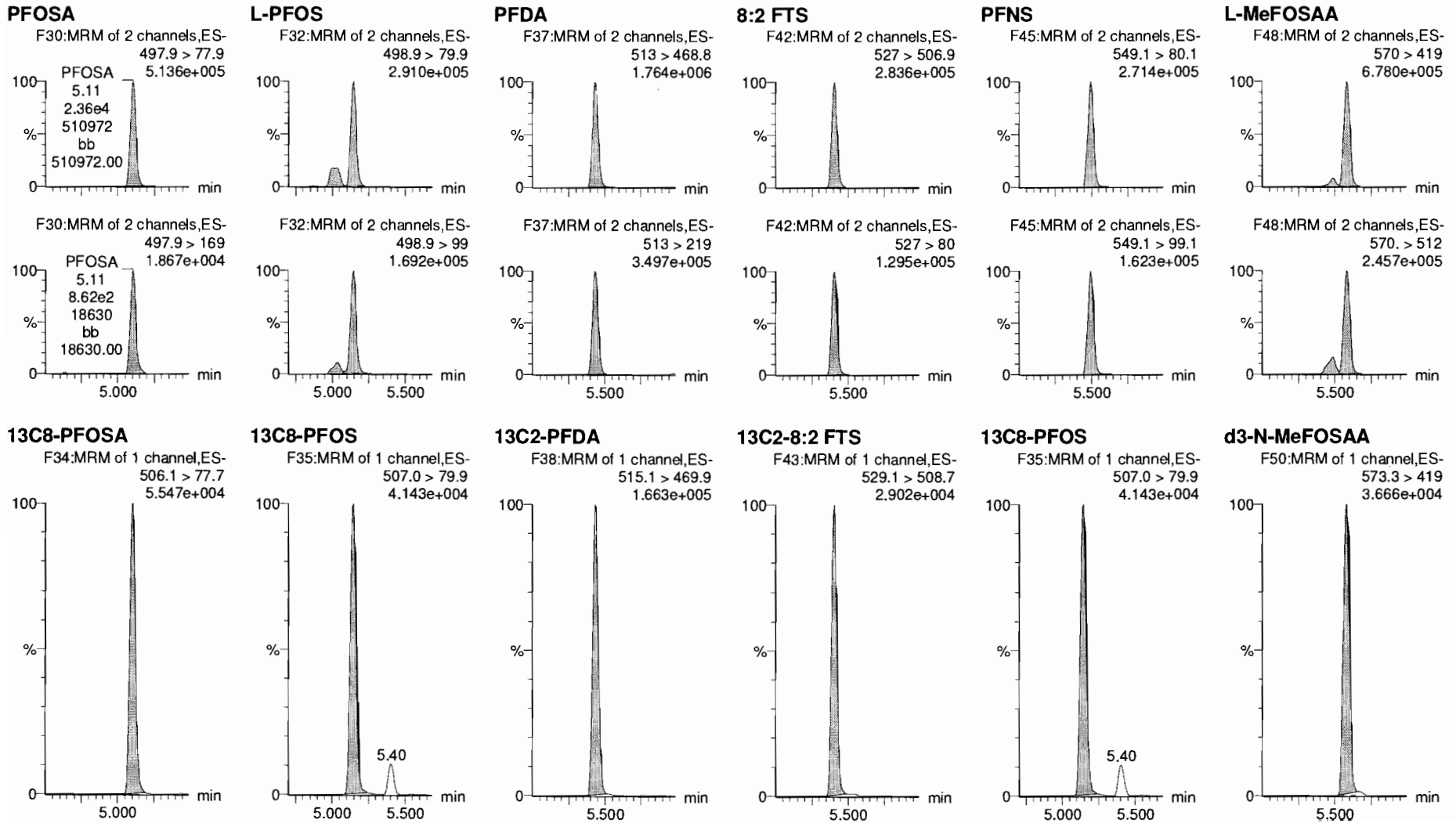


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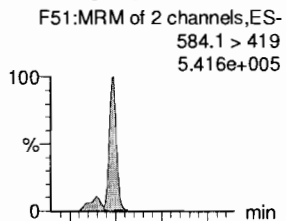
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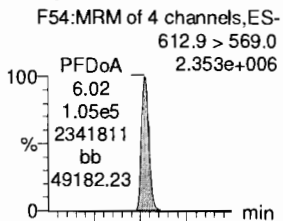
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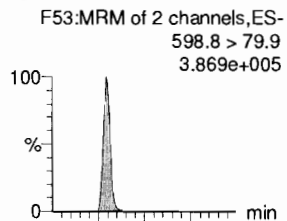
L-EtFOSAA



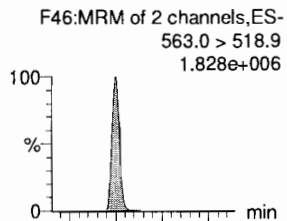
PFDoA



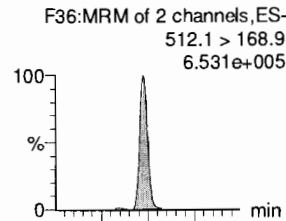
PFDS



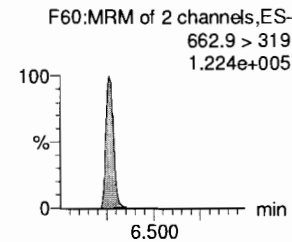
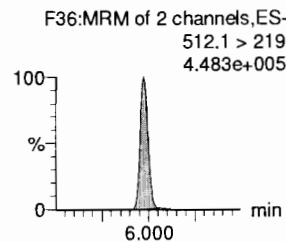
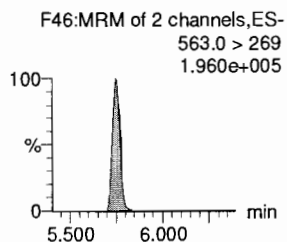
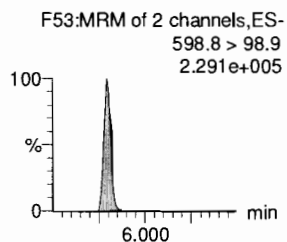
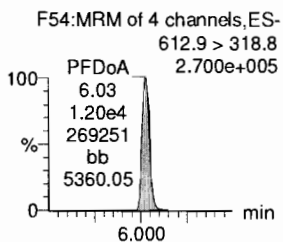
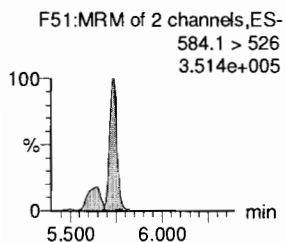
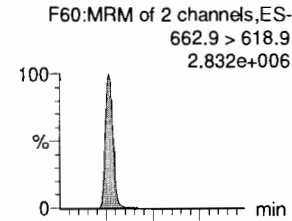
PFUdA



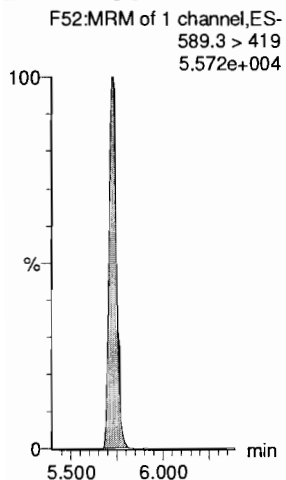
N-MeFOSA



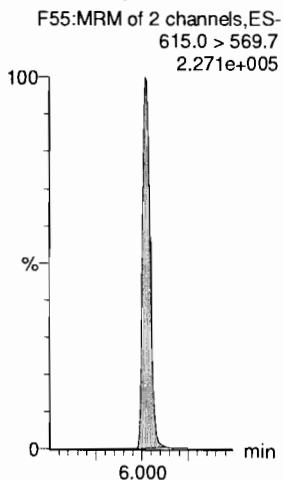
PFTrDA



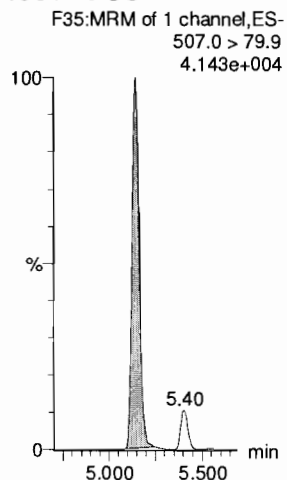
d5-N-EtFOSAA



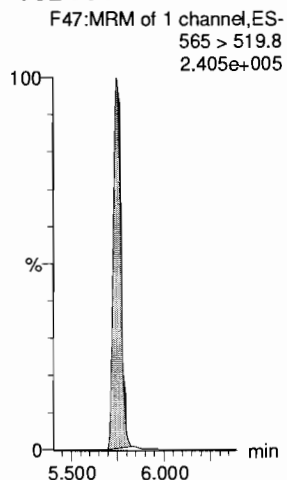
13C2-PFDoA



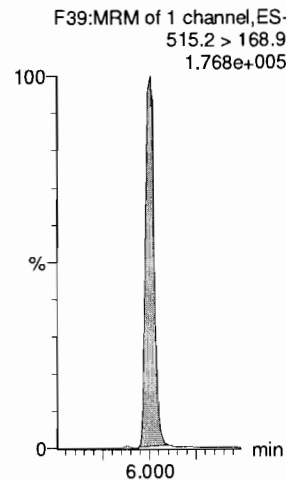
13C8-PFOS



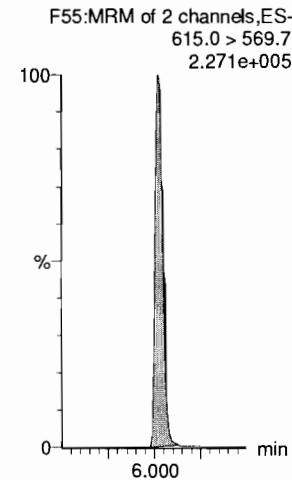
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

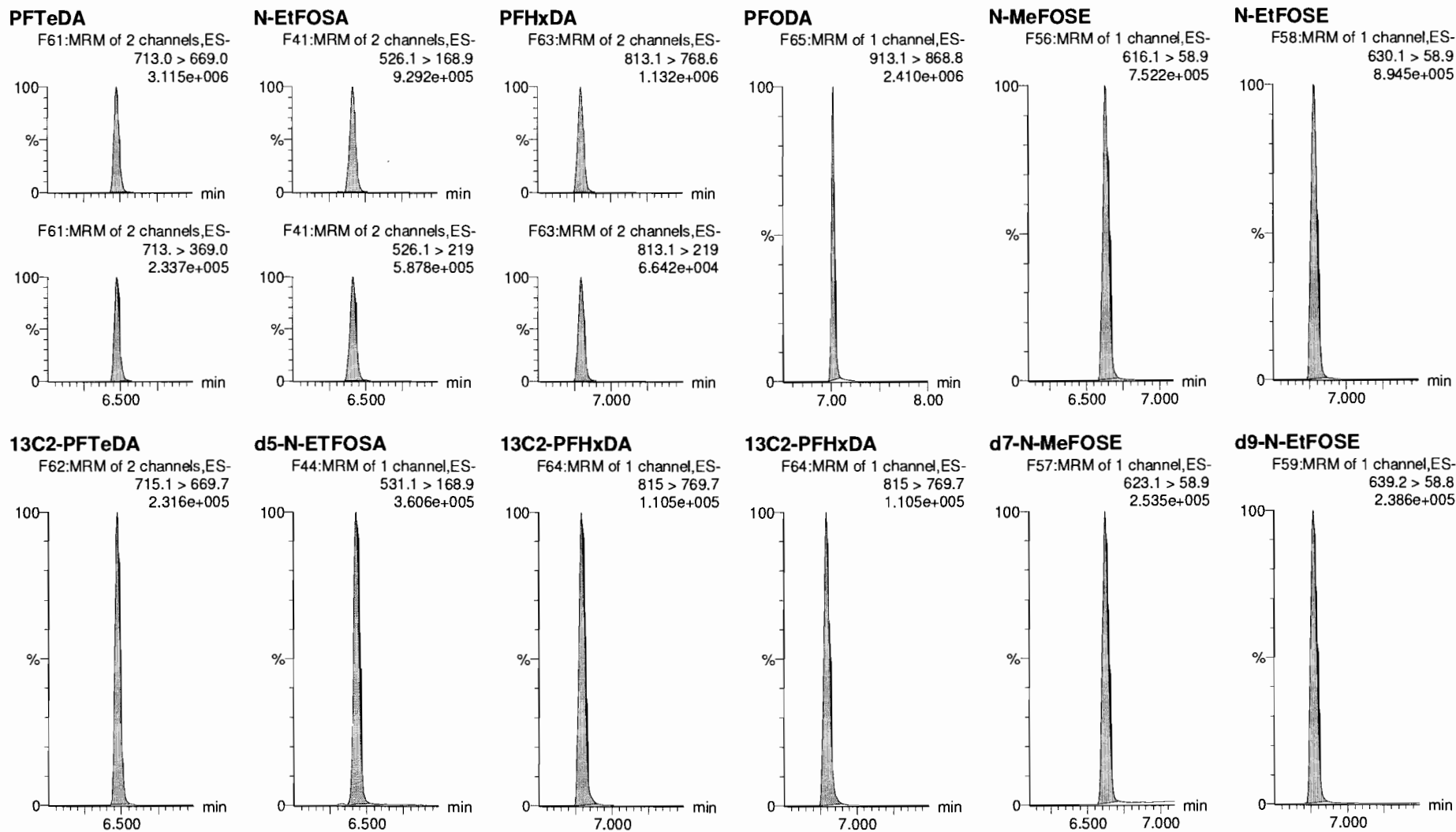


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_9, Date: 26-Oct-2018, Time: 17:11:39, ID: ST181026M2-8 PFC CS5 18J1822, Description: PFC CS5 18J1822



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

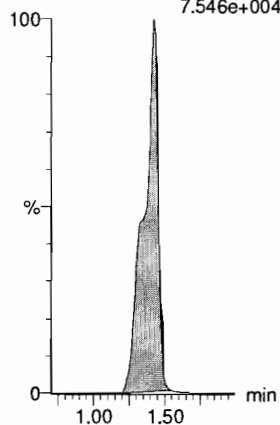
Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_9, Date: 26-Oct-2018, Time: 17:11:39, ID: ST181026M2-8 PFC CS5 18J1822, Description: PFC CS5 18J1822

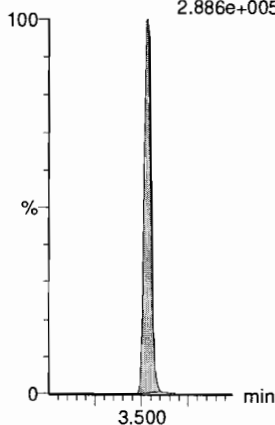
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.546e+004



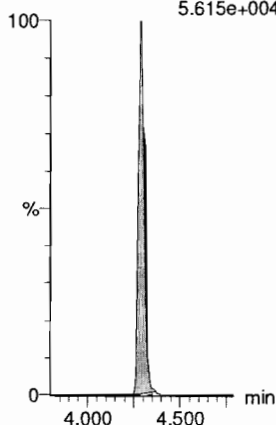
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
2.886e+005



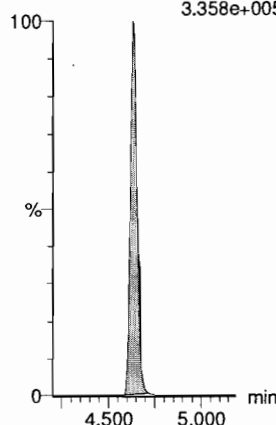
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
5.615e+004



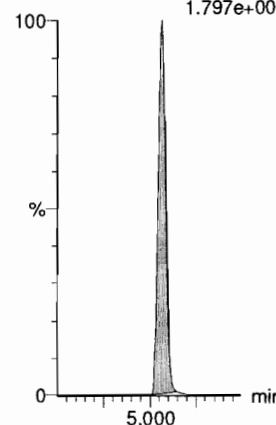
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.358e+005



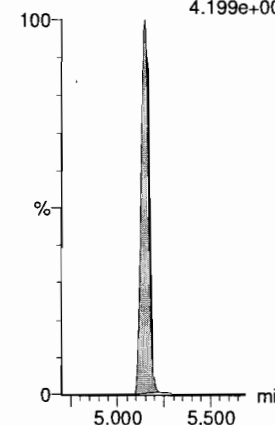
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.797e+005



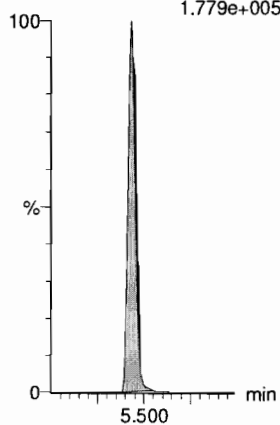
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.199e+004



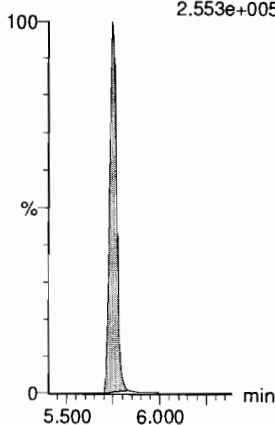
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.779e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.553e+005



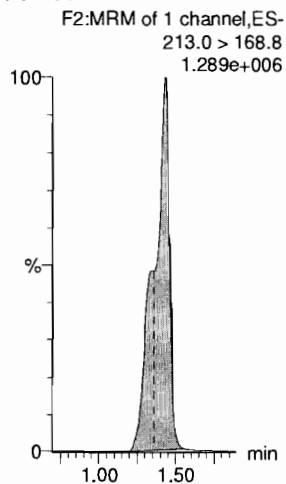
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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

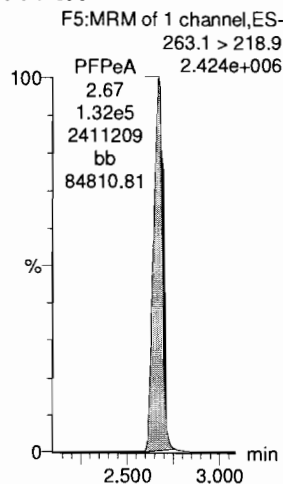
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Name: 181026M2_10, Date: 26-Oct-2018, Time: 17:22:17, ID: ST181026M2-9 PFC CS6 18J1823, Description: PFC CS6 18J1823

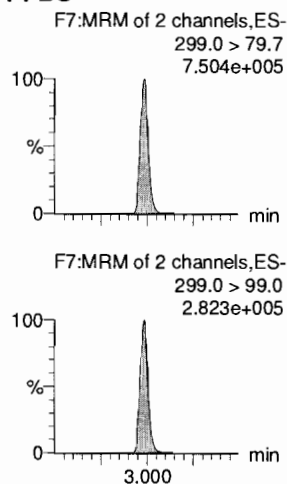
PFBA



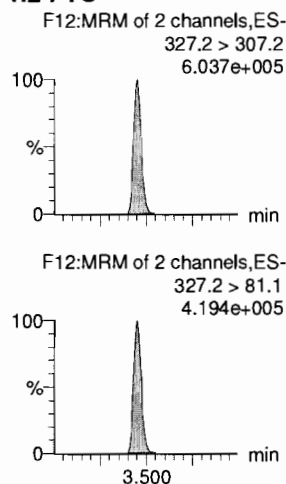
PFPeA



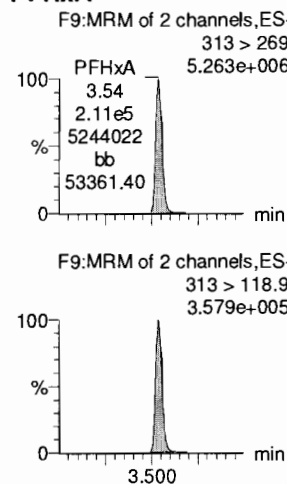
PFBS



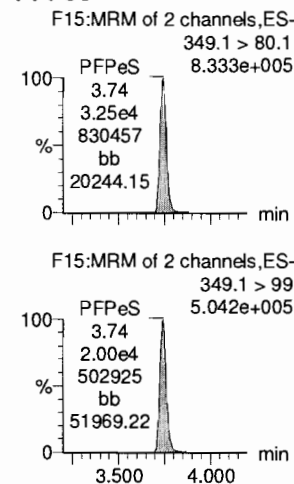
4:2 FTS



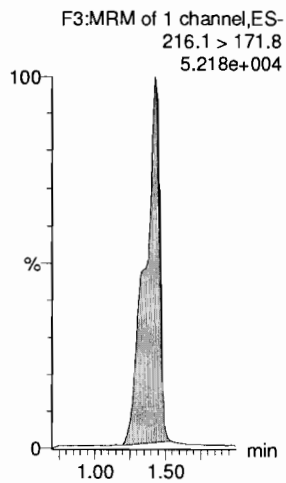
PFHxA



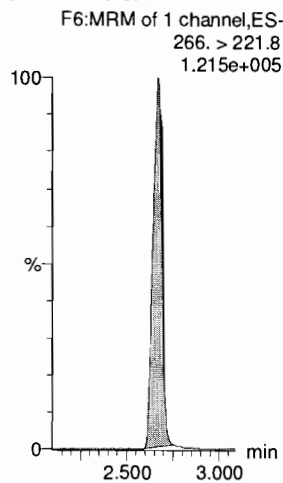
PFPeS



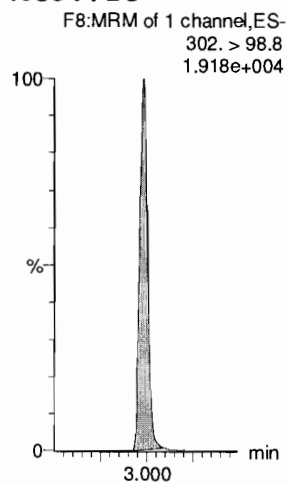
13C3-PFBA



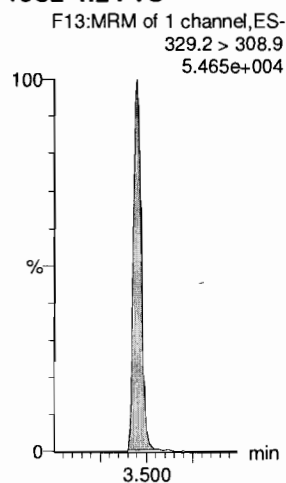
13C3-PFPeA



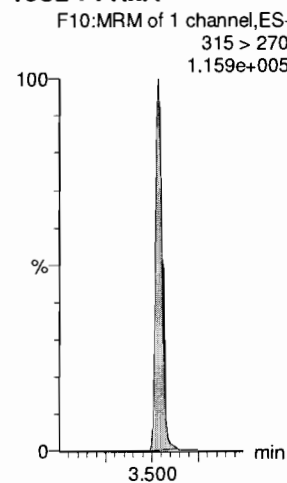
13C3-PFBS



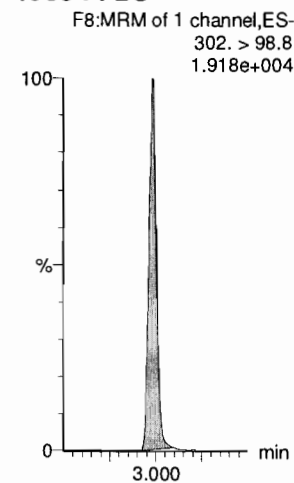
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

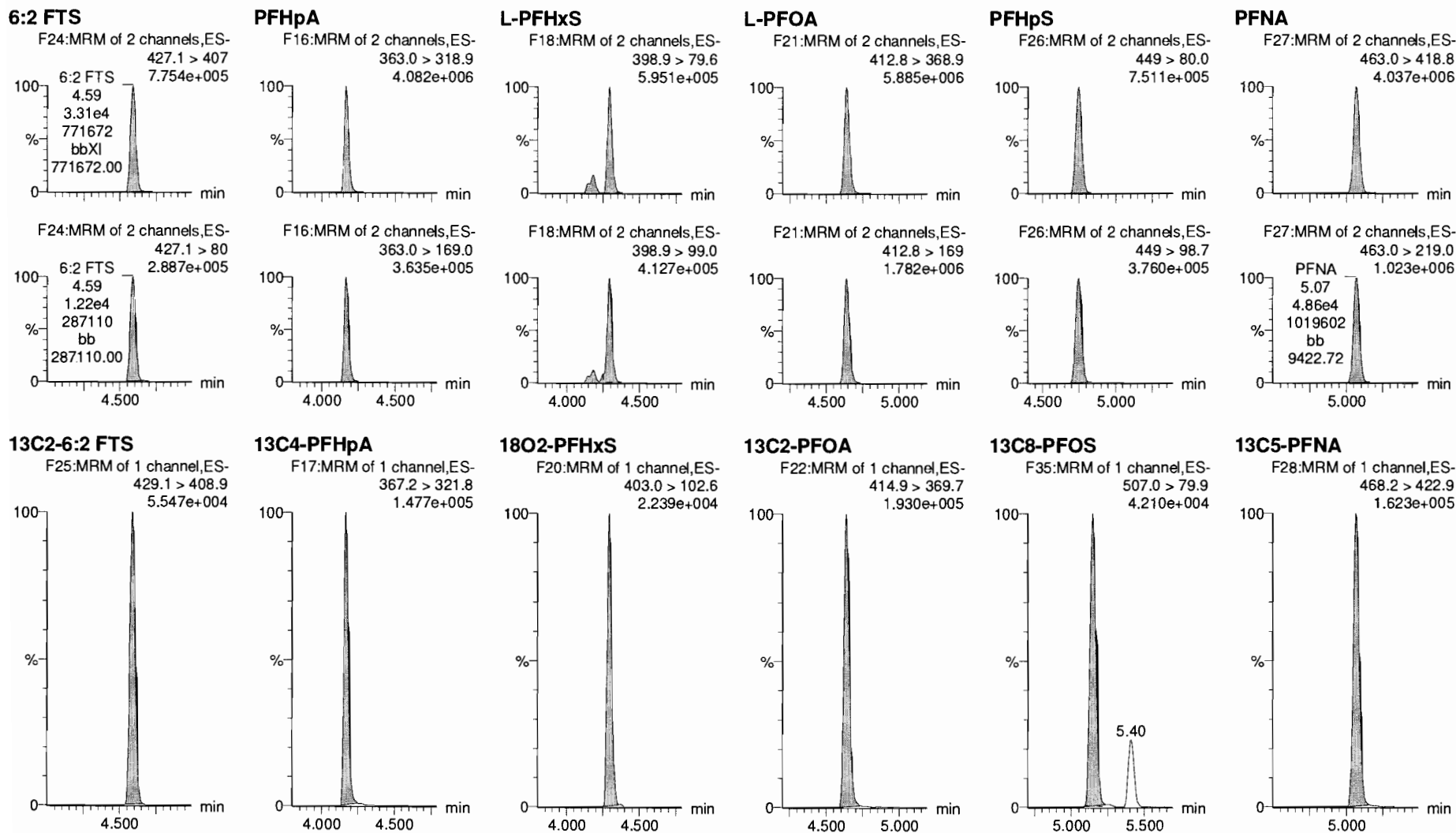


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_10, Date: 26-Oct-2018, Time: 17:22:17, ID: ST181026M2-9 PFC CS6 18J1823, Description: PFC CS6 18J1823



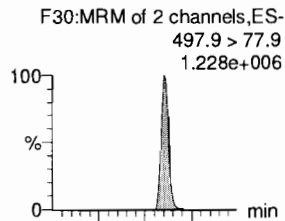
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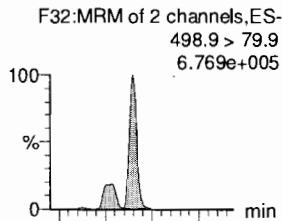
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Name: 181026M2_10, Date: 26-Oct-2018, Time: 17:22:17, ID: ST181026M2-9 PFC CS6 18J1823, Description: PFC CS6 18J1823

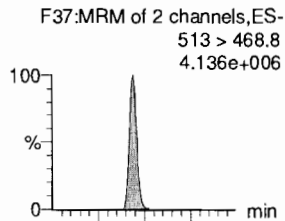
PFOSA



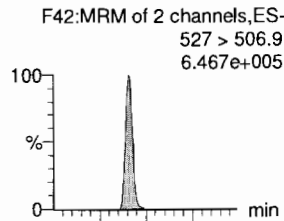
L-PFOS



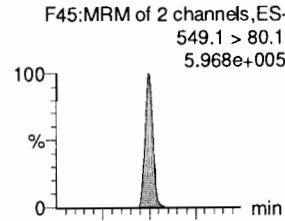
PFDA



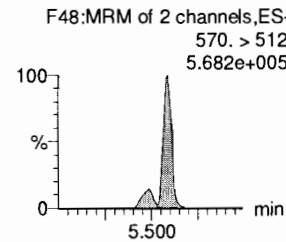
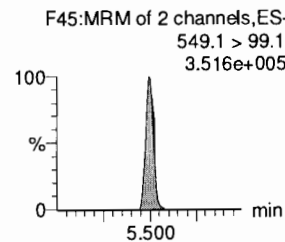
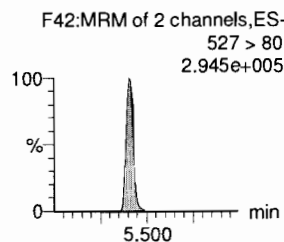
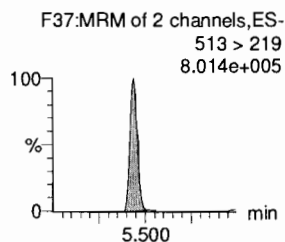
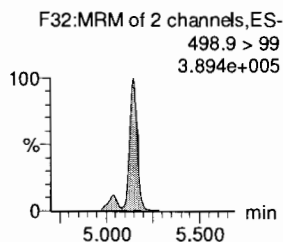
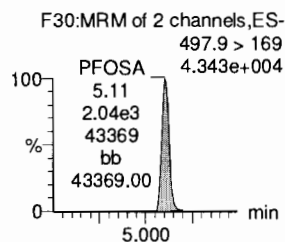
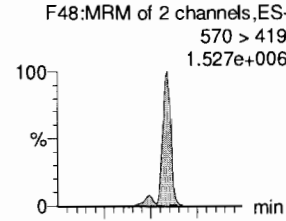
8:2 FTS



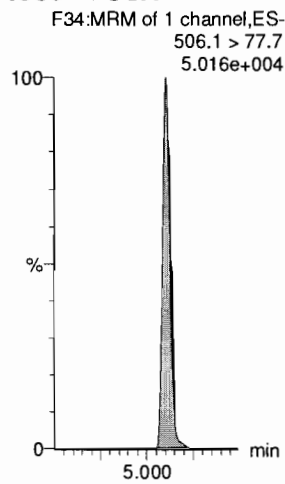
PFNS



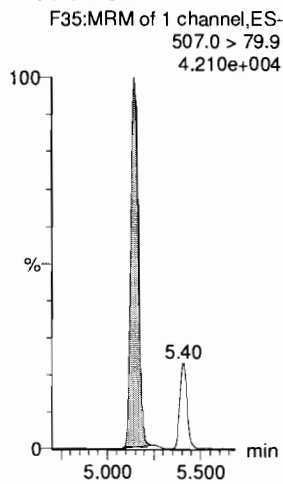
L-MeFOSAA



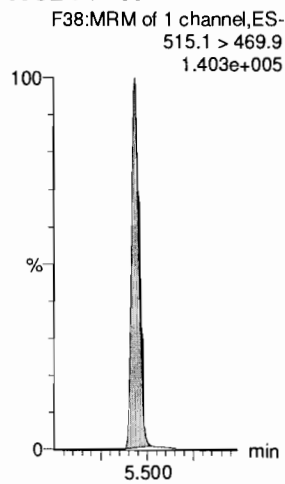
13C8-PFOSA



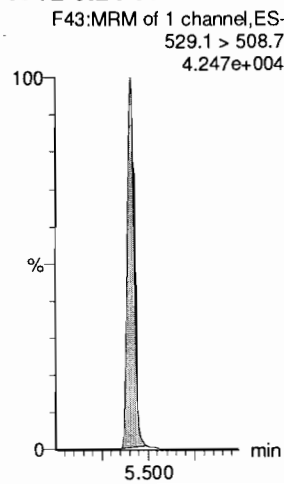
13C8-PFOS



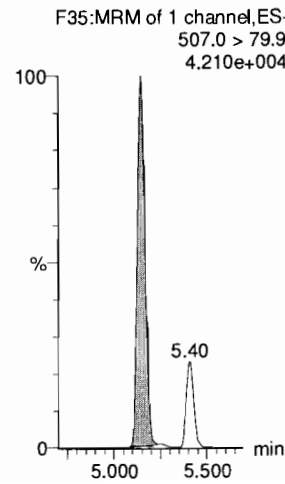
13C2-PFDA



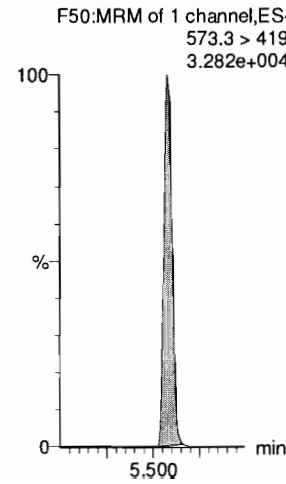
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



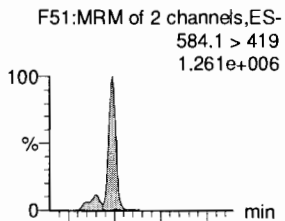
Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

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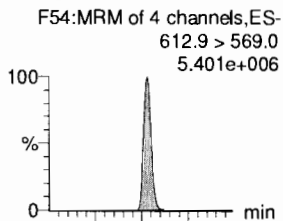
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Name: 181026M2_10, Date: 26-Oct-2018, Time: 17:22:17, ID: ST181026M2-9 PFC CS6 18J1823, Description: PFC CS6 18J1823

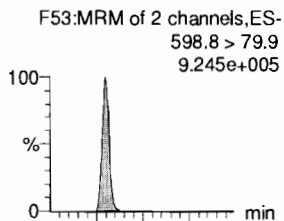
L-EtFOSAA



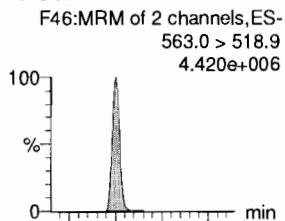
PFDaA



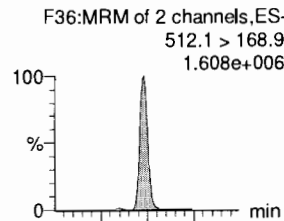
PFDS



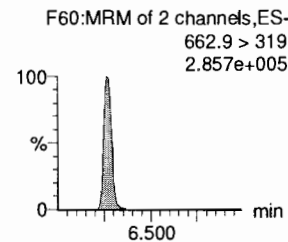
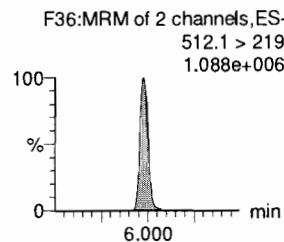
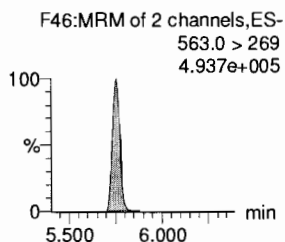
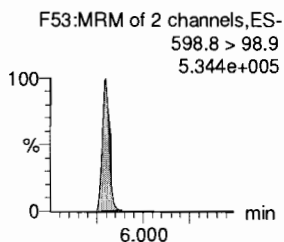
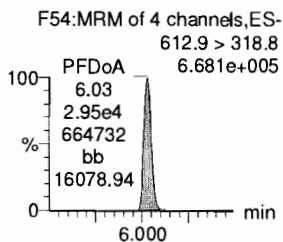
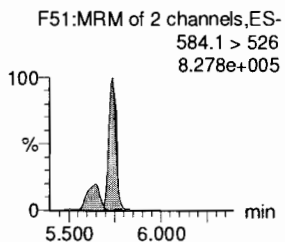
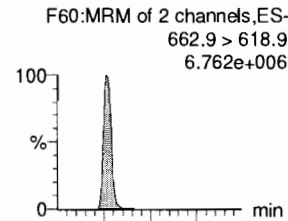
PFUdA



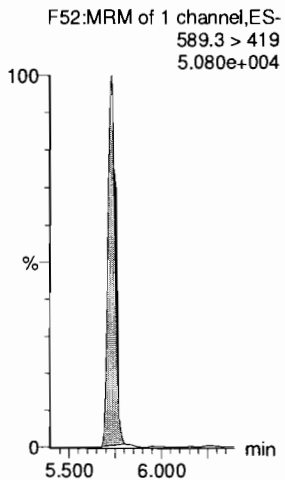
N-MeFOSA



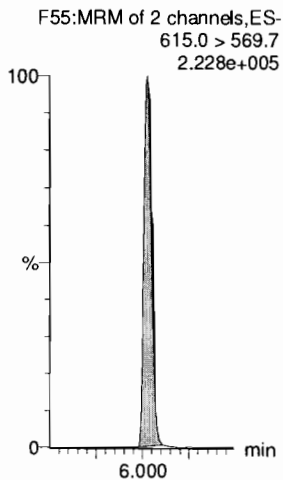
PFTrDA



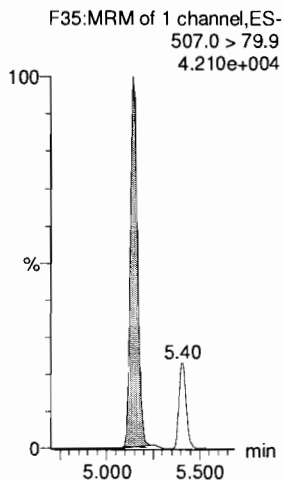
d5-N-EtFOSAA



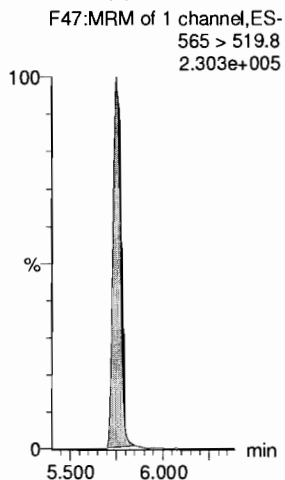
13C2-PFDaA



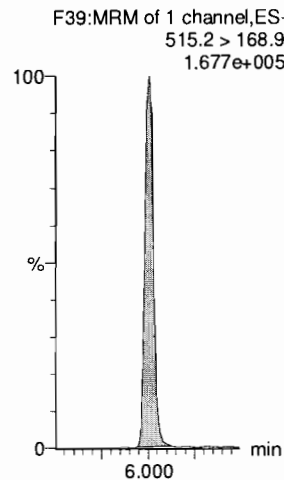
13C8-PFOS



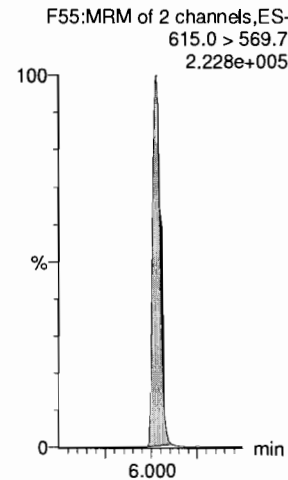
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDaA

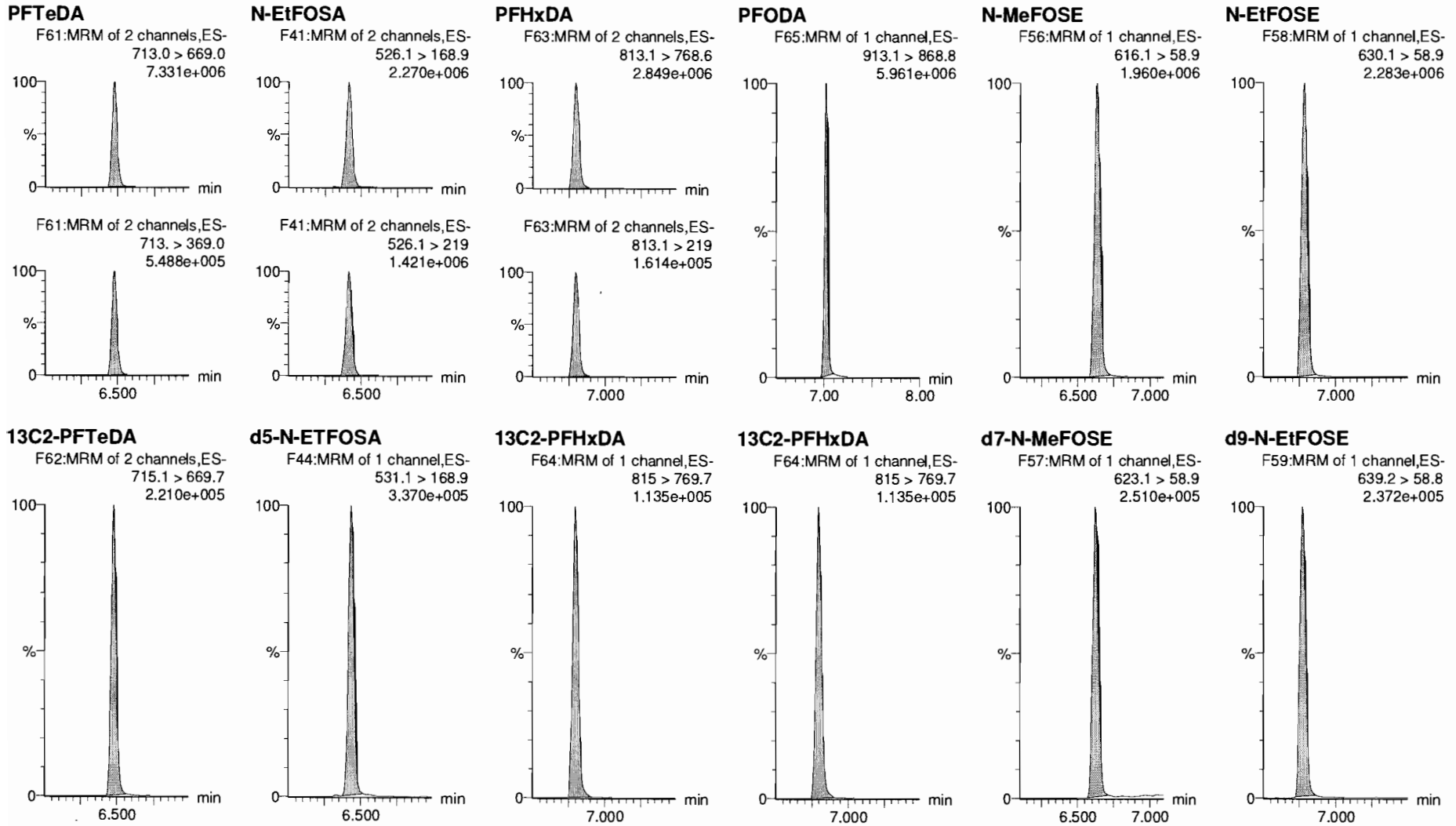


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Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_10, Date: 26-Oct-2018, Time: 17:22:17, ID: ST181026M2-9 PFC CS6 18J1823, Description: PFC CS6 18J1823



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

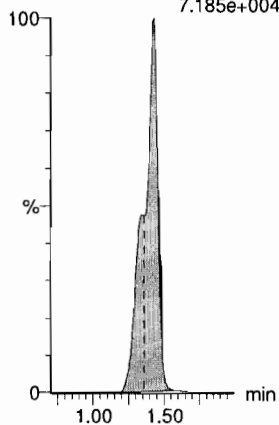
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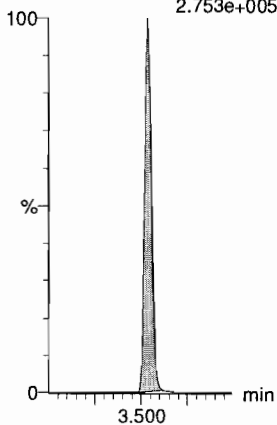
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.185e+004



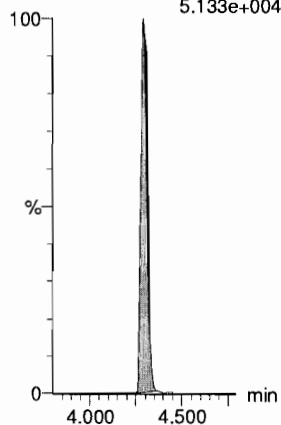
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
2.753e+005



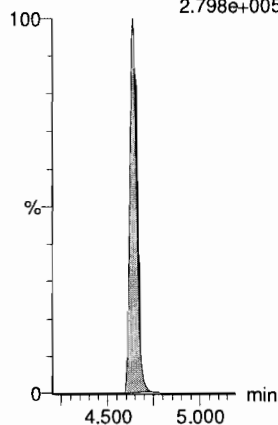
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
5.133e+004



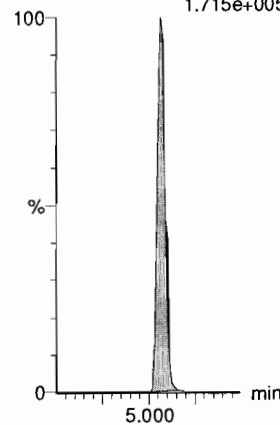
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
2.798e+005



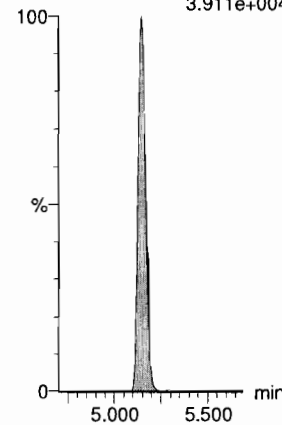
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.715e+005



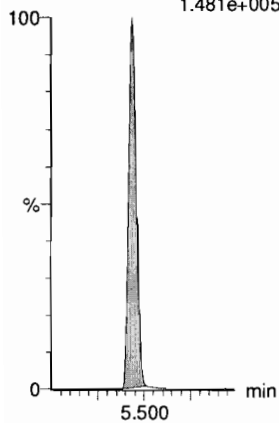
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
3.911e+004



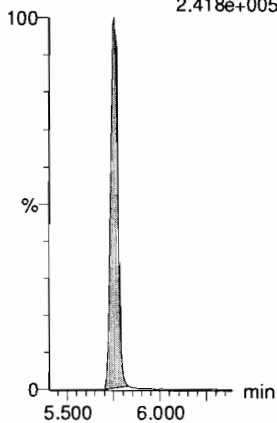
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.481e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.418e+005

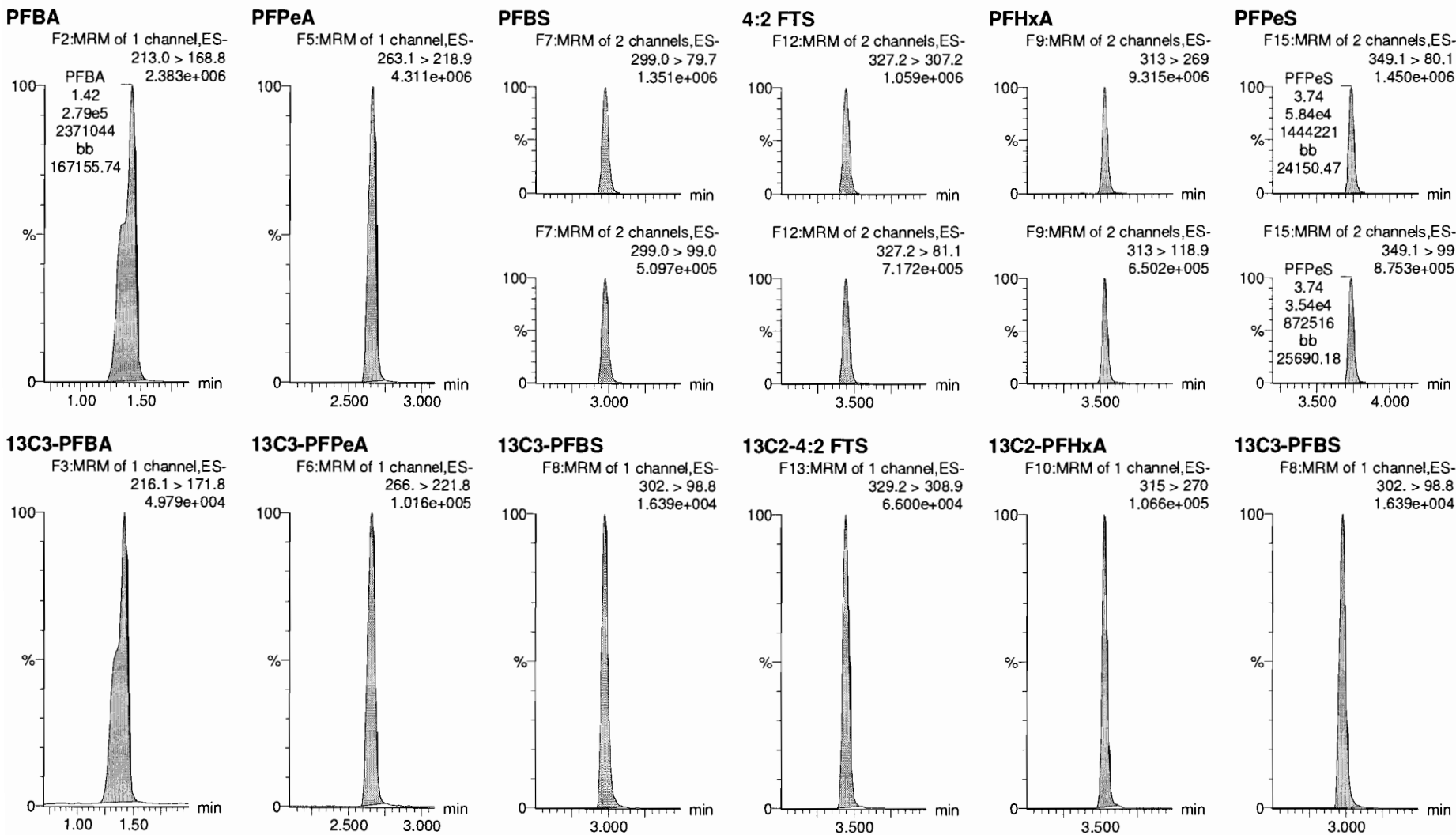


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

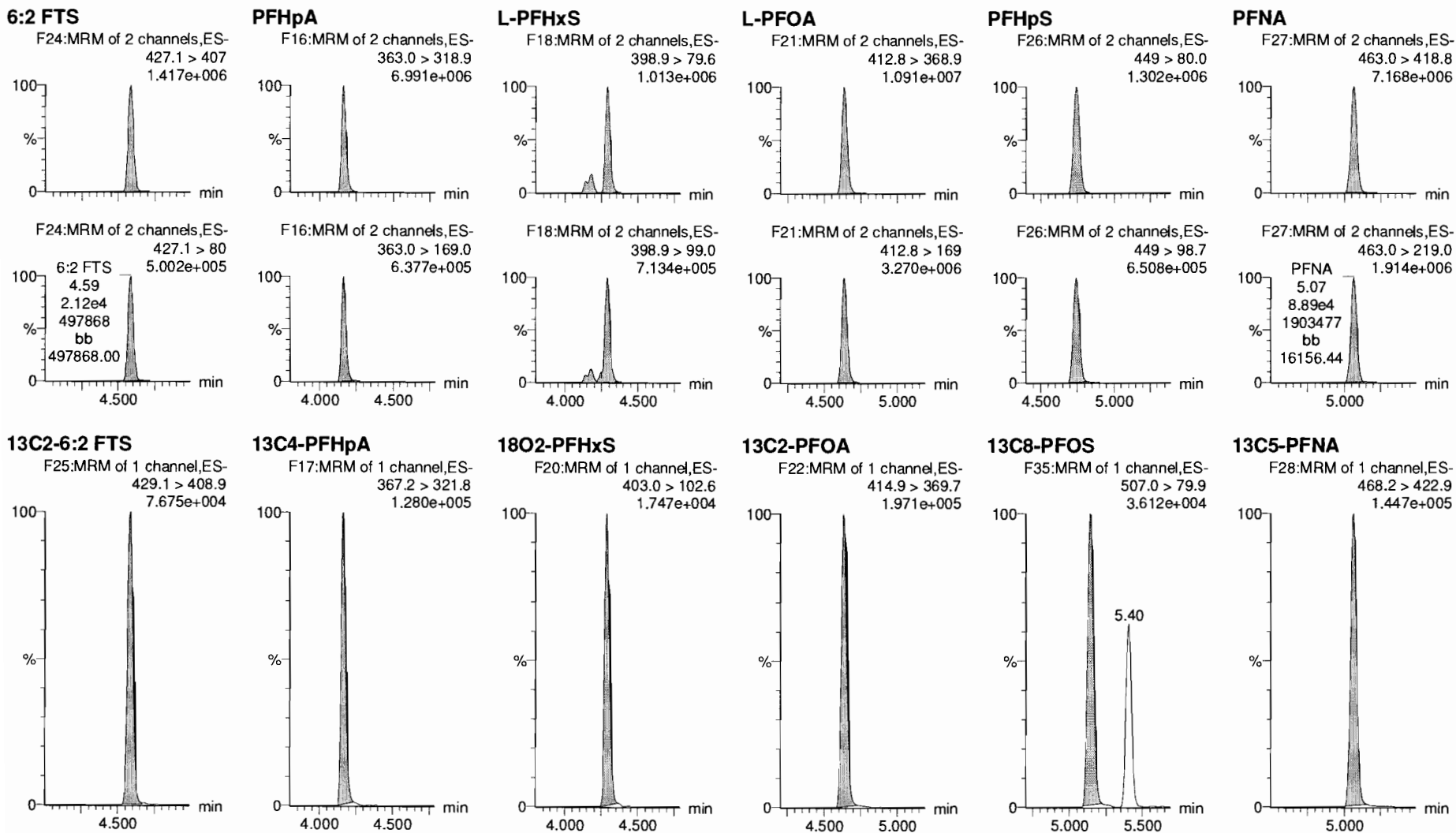
Name: 181026M2_11, Date: 26-Oct-2018, Time: 17:32:50, ID: ST181026M2-10 PFC CS7 18J1824, Description: PFC CS7 18J1824



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

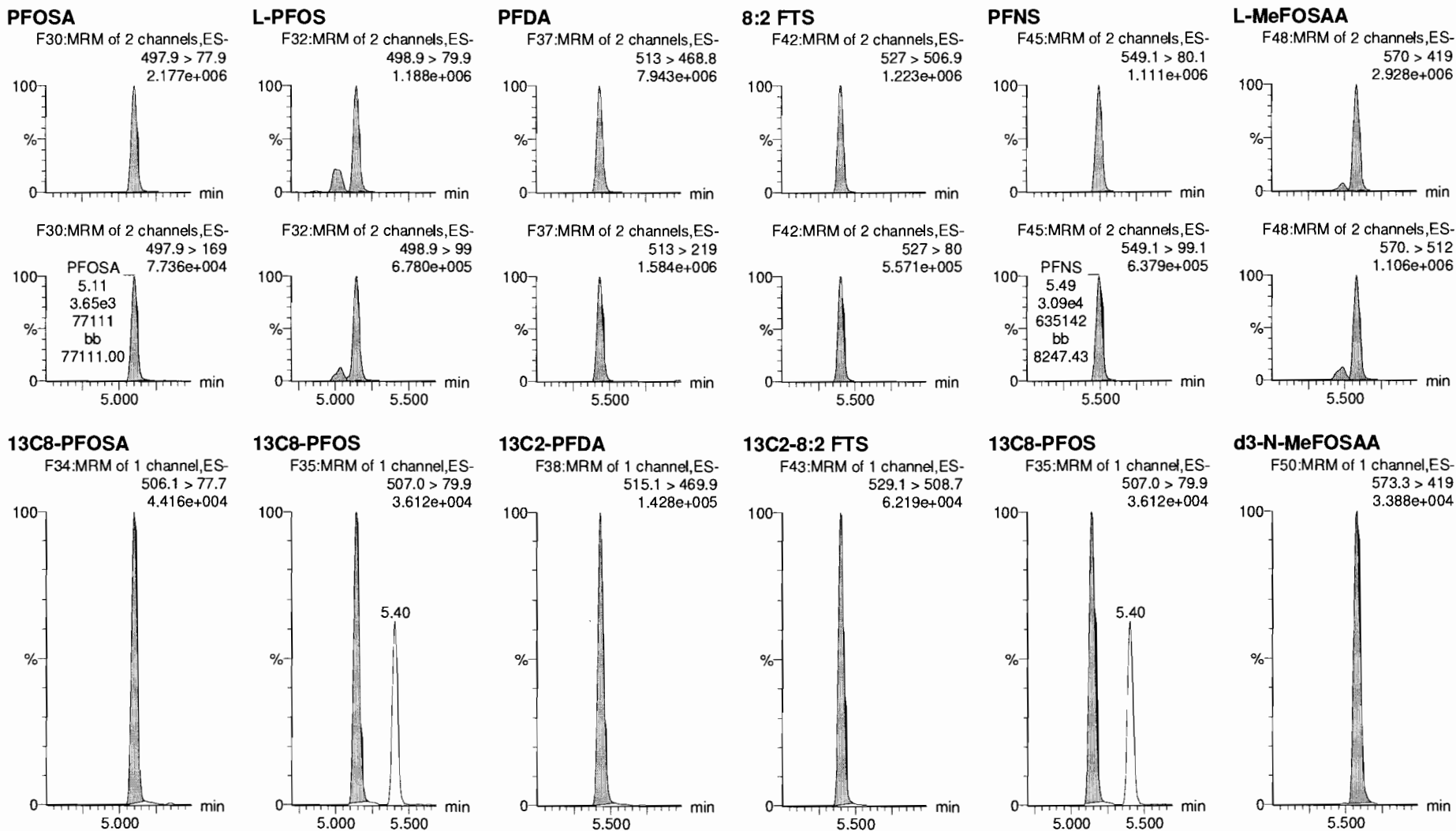
Name: 181026M2_11, Date: 26-Oct-2018, Time: 17:32:50, ID: ST181026M2-10 PFC CS7 18J1824, Description: PFC CS7 18J1824



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_11, Date: 26-Oct-2018, Time: 17:32:50, ID: ST181026M2-10 PFC CS7 18J1824, Description: PFC CS7 18J1824



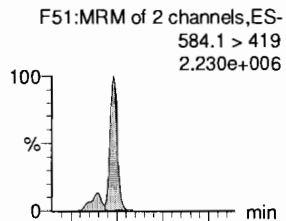
Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

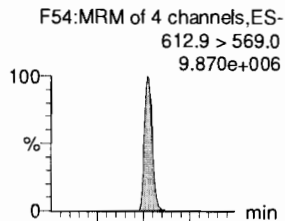
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_11, Date: 26-Oct-2018, Time: 17:32:50, ID: ST181026M2-10 PFC CS7 18J1824, Description: PFC CS7 18J1824

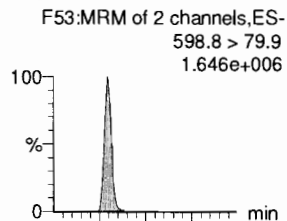
L-EtFOSAA



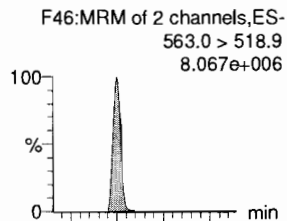
PFDaA



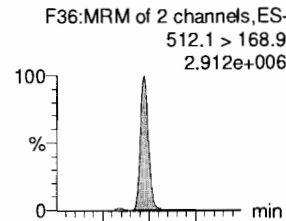
PFDS



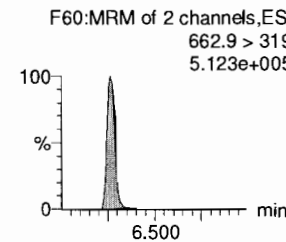
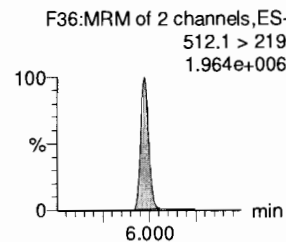
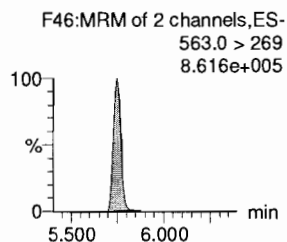
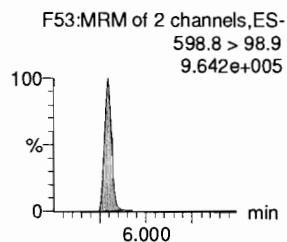
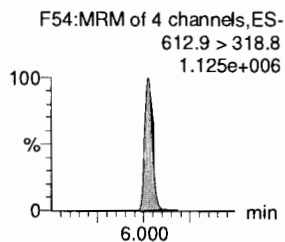
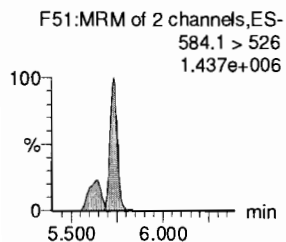
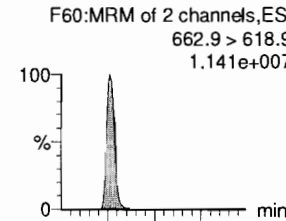
PFUdA



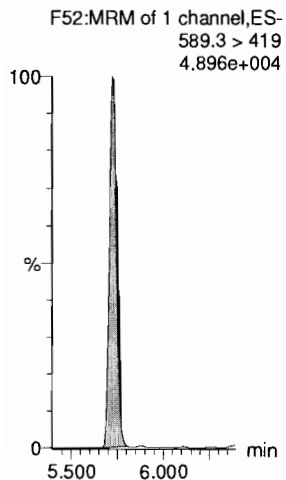
N-MeFOSA



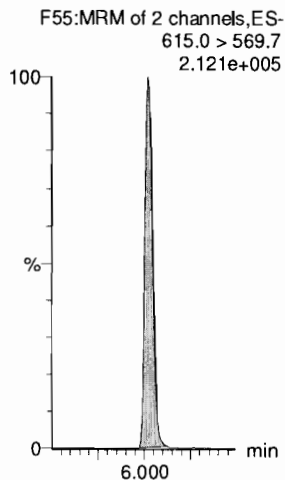
PFTrDA



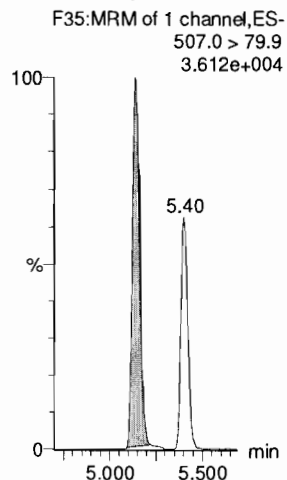
d5-N-EtFOSAA



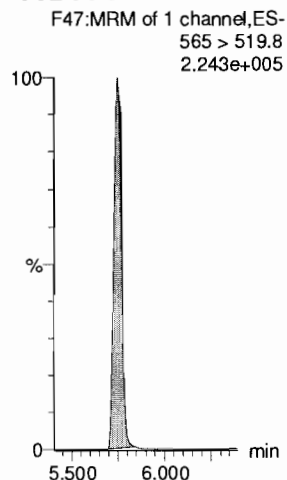
13C2-PFDaA



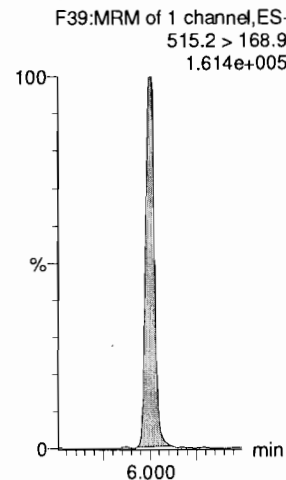
13C8-PFOS



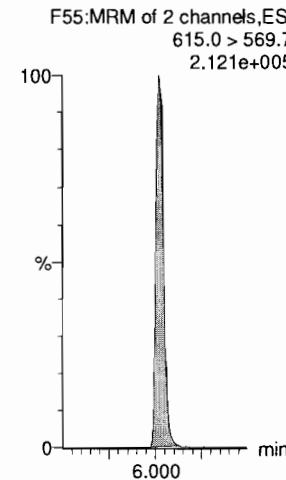
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDaA



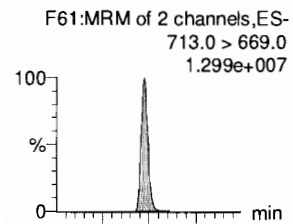
Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

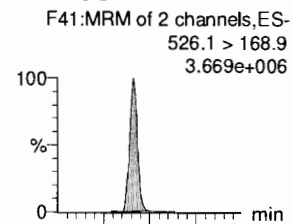
Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_11, Date: 26-Oct-2018, Time: 17:32:50, ID: ST181026M2-10 PFC CS7 18J1824, Description: PFC CS7 18J1824

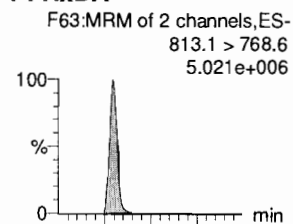
PFTeDA



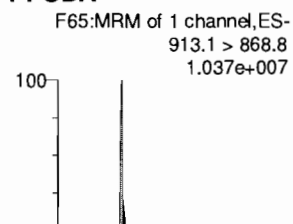
N-EtFOSA



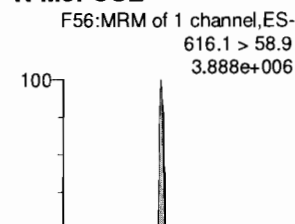
PFHxDA



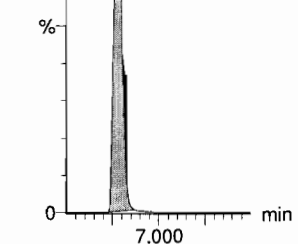
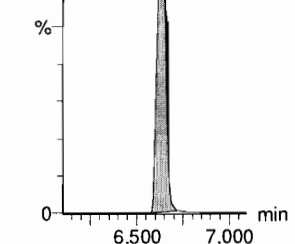
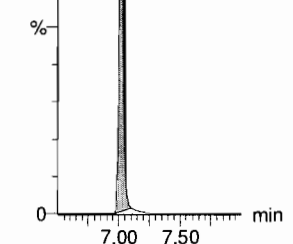
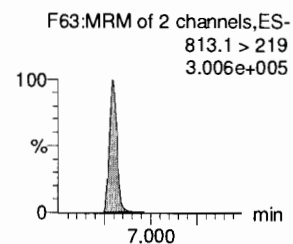
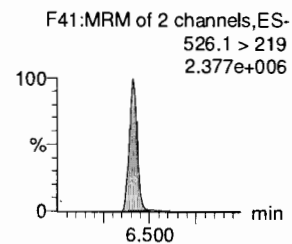
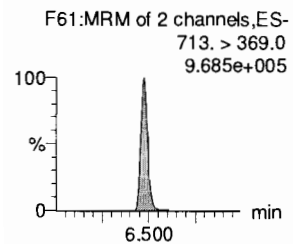
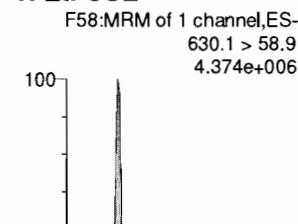
PFODA



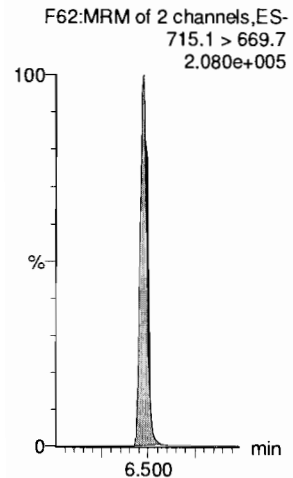
N-MeFOSE



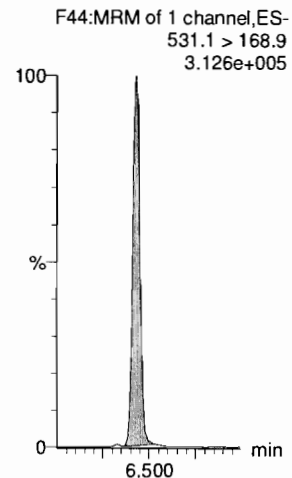
N-EtFOSE



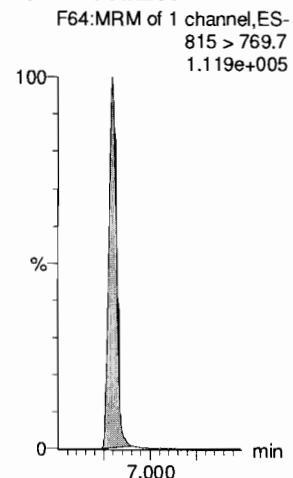
13C2-PFTeDA



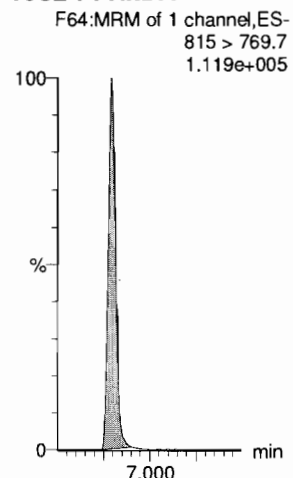
d5-N-ETFOSA



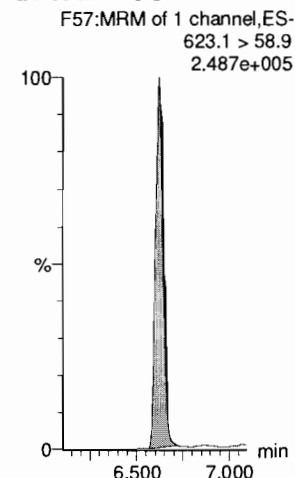
13C2-PFHxDA



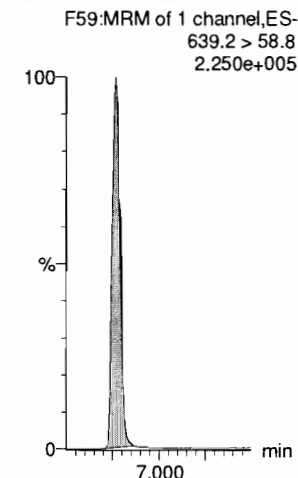
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-CRV.qld

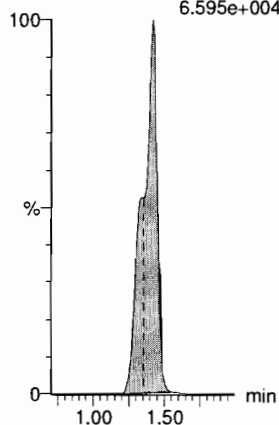
Last Altered: Saturday, October 27, 2018 11:20:01 Pacific Daylight Time

Printed: Saturday, October 27, 2018 11:29:55 Pacific Daylight Time

Name: 181026M2_11, Date: 26-Oct-2018, Time: 17:32:50, ID: ST181026M2-10 PFC CS7 18J1824, Description: PFC CS7 18J1824

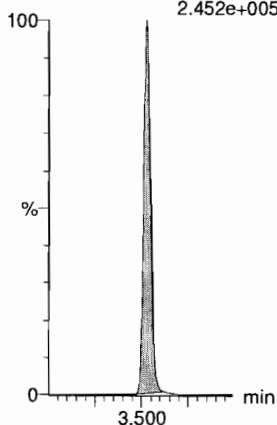
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
6.595e+004



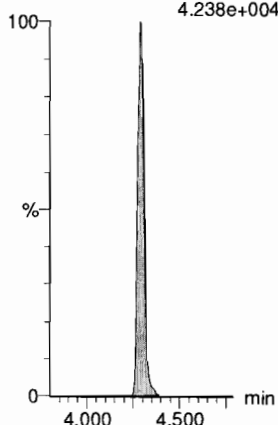
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
2.452e+005



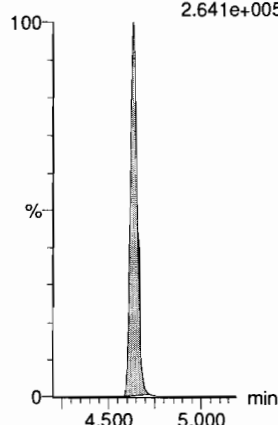
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
4.238e+004



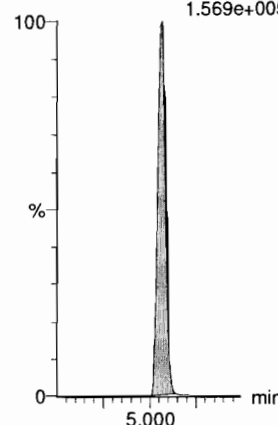
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
2.641e+005



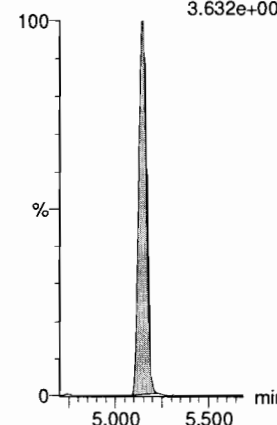
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
1.569e+005



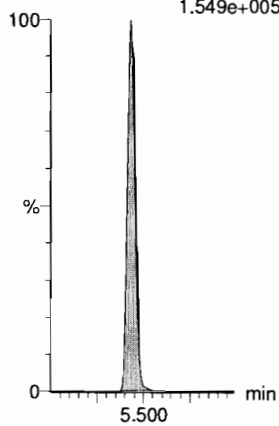
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
3.632e+004



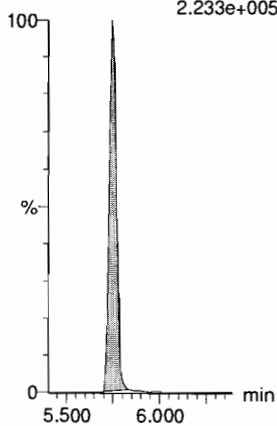
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.549e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.233e+005



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-ICV.qld

Last Altered: Saturday, October 27, 2018 13:58:37 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:59:06 Pacific Daylight Time

John 10/27/18

Name: 181026M2_13, Date: 26-Oct-2018, Time: 17:54:09, ID: ICV181026M2-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	6070.599	6293.710	1.00	1.43	12.057	9.9	99.3	NO		
2	2 PFPeA	263.1 > 218.9	5476.034	6826.917	1.00	2.67	10.027	10.3	102.8	NO		
3	3 PFBS	299.0 > 79.7	1514.843	1112.417	1.00	2.98	17.022	8.6	86.3	NO	2.803	NO
4	4 4:2 FTS	327.2>307.2	1372.317	1621.843	1.00	3.45	10.577	10.0	99.5	NO	1.398	NO
5	5 PFHxA	313 > 269	9579.715	4955.249	1.00	3.53	9.666	10.6	106.1	NO	13.879	NO
6	6 PFPeS	349.1>80.1	1371.748	1112.417	1.00	3.74	15.414	8.5	85.4	NO	1.599	NO
7	36 13C3-PFBA	216.1 > 171.8	6293.710	8522.167	1.00	1.43	9.231	12.5	99.7	NO		
8	37 13C3-PFPeA	266. > 221.8	6826.917	12372.221	1.00	2.67	6.897	11.4	90.9	NO		
9	38 13C3-PFBS	302. > 98.8	1112.417	2115.430	1.00	2.98	6.573	13.3	106.1	NO		
10	39 13C2-4:2 FTS	329.2>308.9	1621.843	2115.430	1.00	3.44	9.583	11.6	93.1	NO		
11	40 13C2-PFHxA	315 > 270	4955.249	12372.221	1.00	3.53	5.006	4.8	96.7	NO		
12	38 13C3-PFBS	302. > 98.8	1112.417	2115.430	1.00	2.98	6.573	13.3	106.1	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	1466.061	1425.706	1.00	4.58	12.854	9.6	95.6	NO	2.850	NO
15	7 PFHpA	363.0 > 318.9	6744.747	6045.592	1.00	4.17	13.946	10.1	100.9	NO	11.108	NO
16	8 L-PFHxS	398.9 > 79.6	1079.950	799.663	1.00	4.29	16.881	10.0	100.4	NO	1.356	NO
17	11 L-PFOA	412.8 > 368.9	12002.523	10200.435	1.00	4.64	14.708	9.8	97.9	NO	3.129	NO
18	13 PFHpS	449 > 80.0	1568.241	2191.757	1.00	4.74	8.944	9.6	96.2	NO	1.922	NO
19	14 PFNA	463.0 > 418.8	8721.276	9511.048	1.00	5.07	11.462	9.3	93.0	NO	3.685	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	1425.706	2145.139	1.00	4.59	8.308	11.6	92.8	NO		
21	41 13C4-PFHpA	367.2 > 321.8	6045.592	12372.221	1.00	4.16	6.108	12.3	98.8	NO		
22	42 18O2-PFHxS	403.0 > 102.6	799.663	2115.430	1.00	4.29	4.725	11.7	93.5	NO		
23	44 13C2-PFOA	414.9 > 369.7	10200.435	14722.841	1.00	4.63	8.660	12.5	100.3	NO		
24	47 13C8-PFOS	507.0 > 79.9	2191.757	2145.139	1.00	5.15	12.772	12.2	97.9	NO		
25	45 13C5-PFNA	468.2 > 422.9	9511.048	9363.045	1.00	5.07	12.698	12.7	102.0	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	2579.128	2643.609	1.00	5.11	12.195	10.8	108.1	NO	28.899	NO
28	16 L-PFOS	498.9 > 79.9	1758.671	2191.757	1.00	5.15	10.030	9.5	95.3	NO	2.034	NO
29	18 PFDA	513 > 468.8	9680.967	8314.312	1.00	5.43	14.555	10.5	105.3	NO	5.084	NO
30	19 8:2 FTS	527 > 506.9	1457.061	1188.776	1.00	5.41	15.321	10.8	107.5	NO	2.224	NO
31	20 PFNS	549.1 > 80.1	1384.912	2191.757	1.00	5.49	7.898	10.5	104.8	NO	1.754	NO
32	21 L-MeFOSAA	570 > 419	4477.902	1846.084	1.00	5.58	30.320	11.2	112.4	NO	2.824	NO
33	46 13C8-PFOSA	506.1 > 77.7	2643.609	12613.286	1.00	5.10	2.620	12.0	95.8	NO		
34	47 13C8-PFOS	507.0 > 79.9	2191.757	2145.139	1.00	5.15	12.772	12.2	97.9	NO		
35	48 13C2-PFDA	515.1 > 469.9	8314.312	8895.035	1.00	5.43	11.684	11.8	94.1	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	1188.776	2145.139	1.00	5.41	6.927	12.0	96.4	NO		

John 10/27/18

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-ICV.qld

Last Altered: Saturday, October 27, 2018 13:58:37 Pacific Daylight Time
Printed: Saturday, October 27, 2018 13:59:06 Pacific Daylight Time

(A) Compounds not present in ICV

Name: 181026M2_13, Date: 26-Oct-2018, Time: 17:54:09, ID: ICV181026M2-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

#	Name	Trace	Area	IS Area	w/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
37	47 13C8-PFOS	507.0 > 79.9	2191.757	2145.139	1.00	5.15	12.772	12.2	97.9	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	1846.084	12613.286	1.00	5.58	1.830	11.9	95.6	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	3832.364	2989.218	1.00	5.73	16.026	10.9	108.9	NO	1.541	NO
41	27 PFD0A	612.9 > 569.0	12622.523	11954.110	1.00	6.02	13.199	9.2	92.1	NO	8.958	NO
42	26 PFDS	598.8 > 79.9	1940.561	2191.757	1.00	5.79	11.067	10.6	105.8	NO	1.778	NO
43	25 PFUDa	563.0 > 518.9	9297.780	11755.706	1.00	5.75	9.886	10.0	99.8	NO	8.731	NO
44	28 N-MeFOSA	512.1 > 168.9		9577.097	1.00					NO		
45	29 PFTrDA	662.9 > 618.9	15463.859	11954.110	1.00	6.26	16.170	9.8	98.3	NO	22.215	NO
46	52 d5-N-EtFOSAA	589.3 > 419	2989.218	12613.286	1.00	5.73	2.962	13.2	105.8	NO		
47	53 13C2-PFD0A	615.0 > 569.7	11954.110	8895.035	1.00	6.02	16.799	12.4	98.9	NO		
48	47 13C8-PFOS	507.0 > 79.9	2191.757	2145.139	1.00	5.15	12.772	12.2	97.9	NO		
49	51 13C2-PFUdA	565 > 519.8	11755.706	12613.286	1.00	5.75	11.650	12.3	98.6	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	9577.097	12613.286	1.00	5.99	9.491	137.4	91.6	NO		
51	53 13C2-PFD0A	615.0 > 569.7	11954.110	8895.035	1.00	6.02	16.799	12.4	98.9	NO		
52	-1											
53	30 PFTeDA	713.0 > 669.0	15060.905	10413.920	1.00	6.47	18.078	10.4	103.7	NO	13.142	NO
54	31 N-EtFOSA	526.1 > 168.9		16976.275	1.00					NO		
55	32 PFHxDA	813.1 > 768.6		5648.258	1.00					NO		
56	33 PFODA	913.1 > 868.8		5648.258	1.00					NO		
57	34 N-MeFOSE	616.1 > 58.9		12815.578	1.00					NO		
58	35 N-EtFOSE	630.1 > 58.9		11943.425	1.00					NO		
59	55 13C2-PFTeDA	715.1 > 669.7	10413.920	12613.286	1.00	6.47	10.320	12.9	103.6	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	16976.275	12613.286	1.00	6.43	16.824	149.7	99.8	NO		
61	57 13C2-PFHxDA	815 > 769.7	5648.258	12613.286	1.00	6.80	5.598	5.2	104.6	NO		
62	57 13C2-PFHxDA	815 > 769.7	5648.258	12613.286	1.00	6.80	5.598	5.2	104.6	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	12815.578	12613.286	1.00	6.62	12.700	144.3	96.2	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	11943.425	12613.286	1.00	6.77	11.836	147.4	98.2	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	8522.167	8522.167	1.00	1.43	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	12372.221	12372.221	1.00	3.53	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	2115.430	2115.430	1.00	4.29	12.500	12.5	100.0	NO		
69	63 13C8-PFOA	420.9 > 376	14722.841	14722.841	1.00	4.63	12.500	12.5	100.0	NO		
70	64 13C9-PFNA	472.2 > 426.9	9363.045	9363.045	1.00	5.07	12.500	12.5	100.0	NO		
71	65 13C4-PFOS	503 > 79.9	2145.139	2145.139	1.00	5.15	12.500	12.5	100.0	NO		
72	66 13C6-PFDA	519.1 > 473.7	8895.035	8895.035	1.00	5.43	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-ICV.qld

Last Altered: Saturday, October 27, 2018 13:58:37 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:59:06 Pacific Daylight Time

Name: 181026M2_13, Date: 26-Oct-2018, Time: 17:54:09, ID: ICV181026M2-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
73	67 13C7-PFUdA	570.1 > 524.8	12613.286	12613.286	1.00	5.75	12.500	12.5	100.0	NO		

Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-ICV.qld

Last Altered: Saturday, October 27, 2018 13:58:37 Pacific Daylight Time

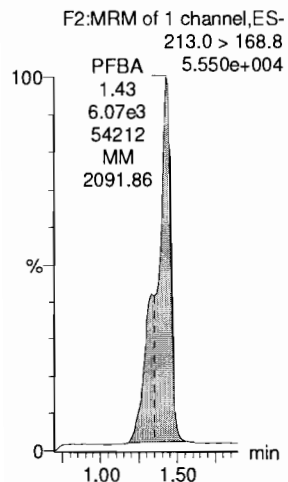
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

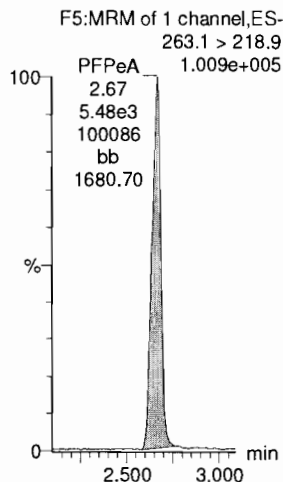
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_13, Date: 26-Oct-2018, Time: 17:54:09, ID: ICV181026M2-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

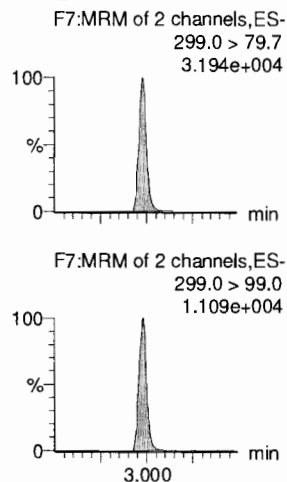
PFBA



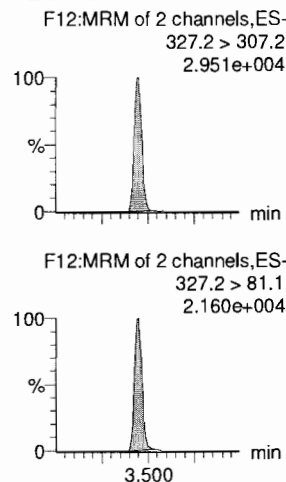
PFPeA



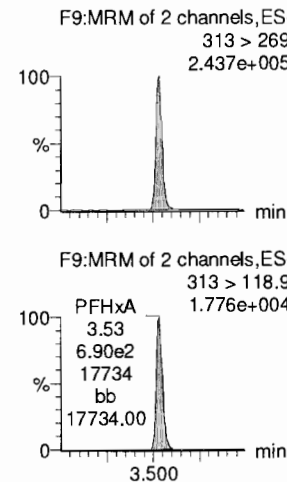
PFBS



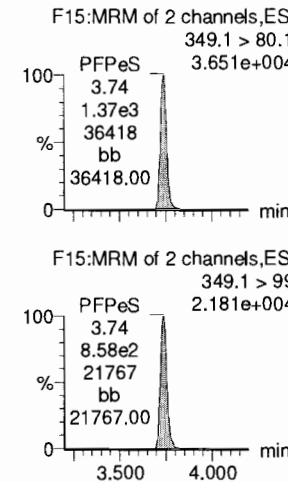
4:2 FTS



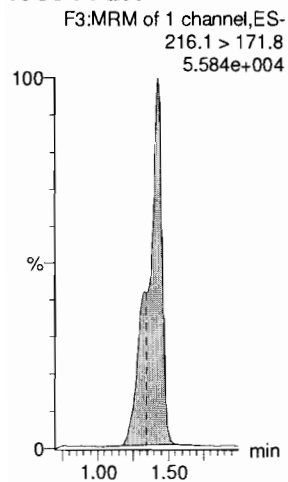
PFHxA



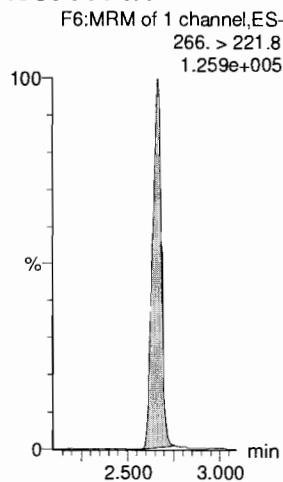
PFPeS



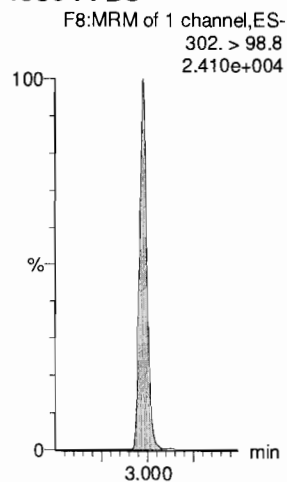
13C3-PFBA



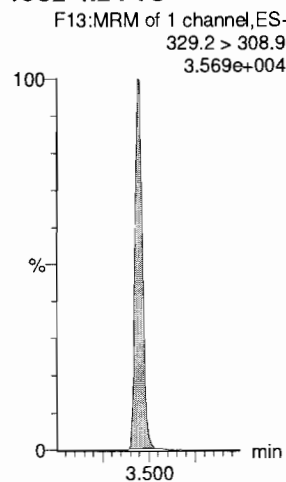
13C3-PFPeA



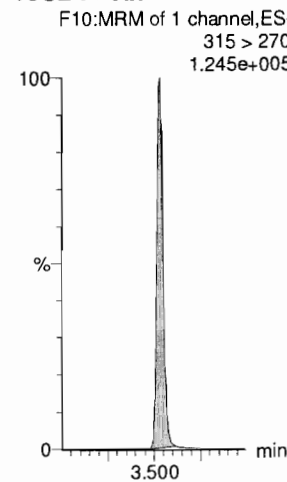
13C3-PFBS



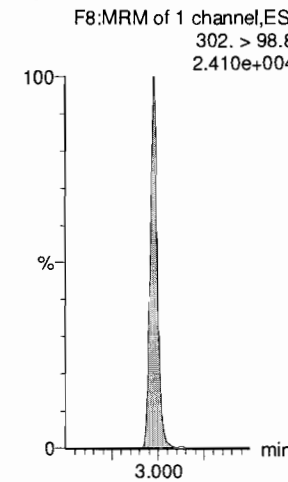
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

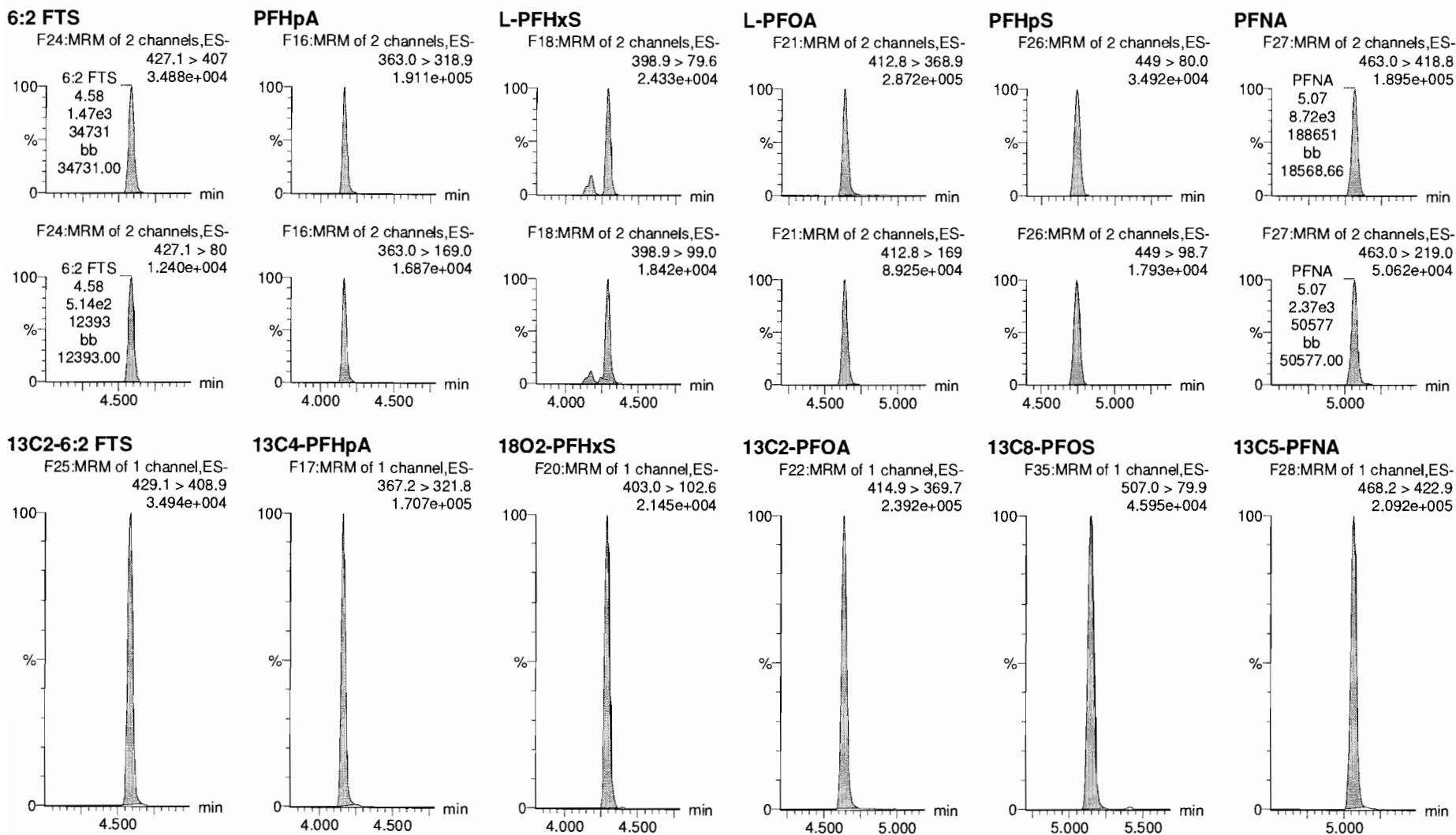


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-ICV.qld

Last Altered: Saturday, October 27, 2018 13:58:37 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:59:06 Pacific Daylight Time

Name: 181026M2_13, Date: 26-Oct-2018, Time: 17:54:09, ID: ICV181026M2-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

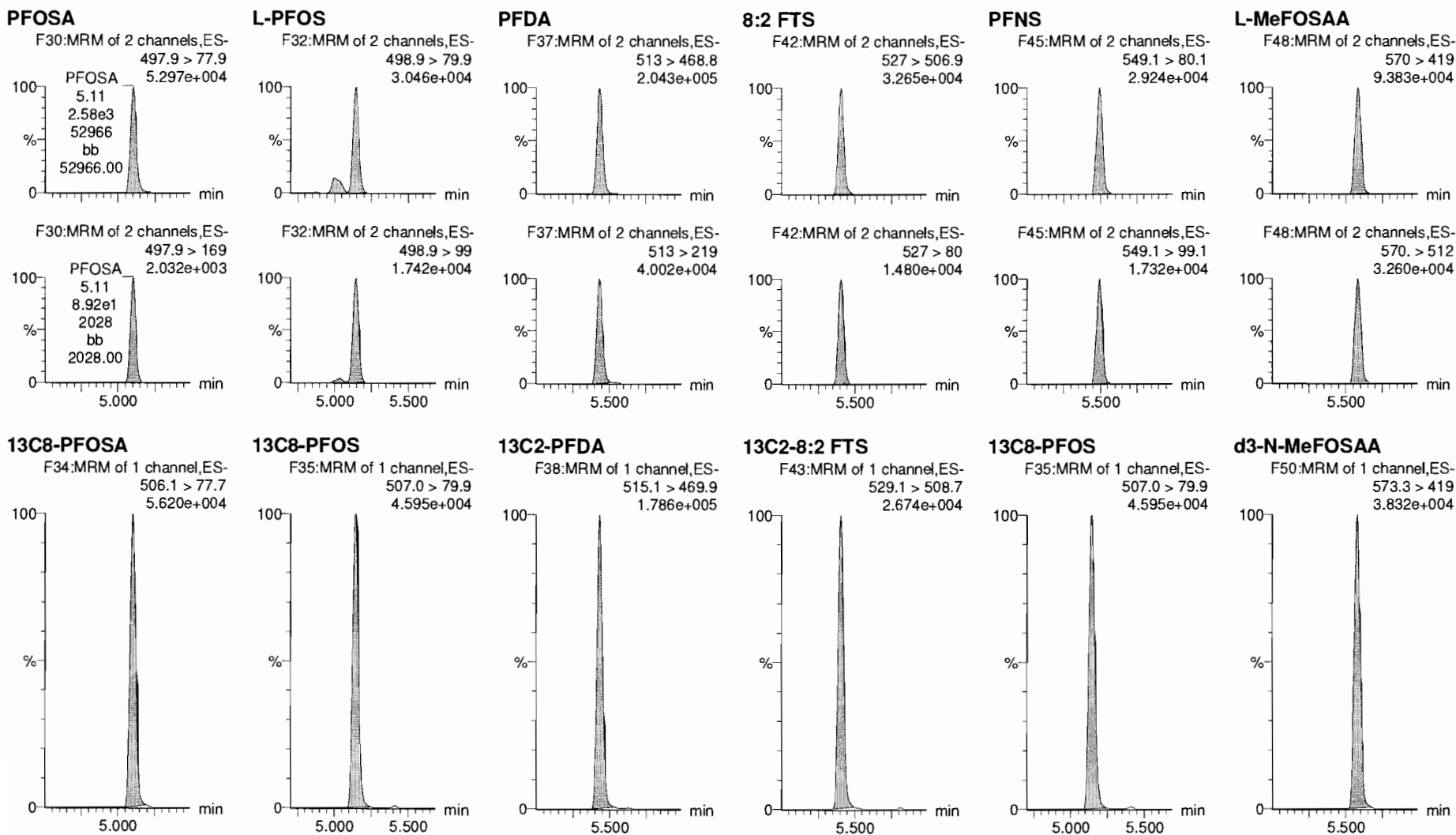


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Last Altered: Saturday, October 27, 2018 13:58:37 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:59:06 Pacific Daylight Time

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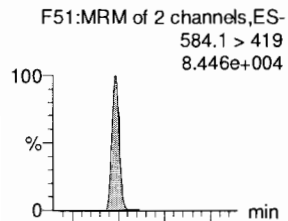
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Last Altered: Saturday, October 27, 2018 13:58:37 Pacific Daylight Time

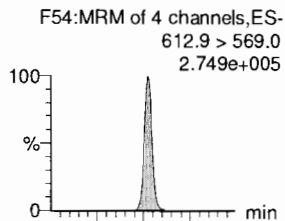
Printed: Saturday, October 27, 2018 13:59:06 Pacific Daylight Time

Name: 181026M2_13, Date: 26-Oct-2018, Time: 17:54:09, ID: ICV181026M2-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

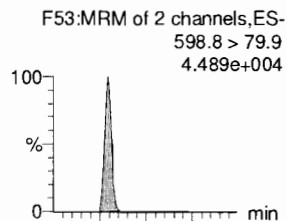
L-EtFOSAA



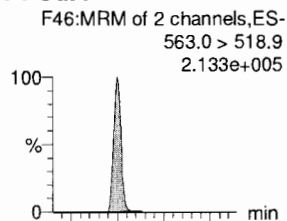
PFDoA



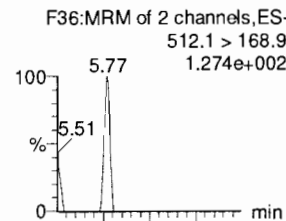
PFDS



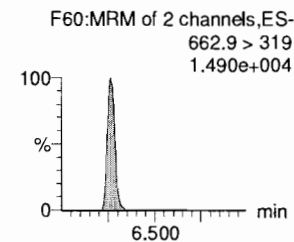
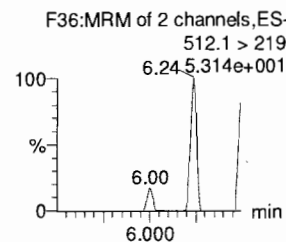
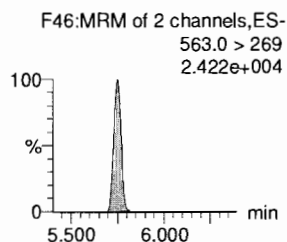
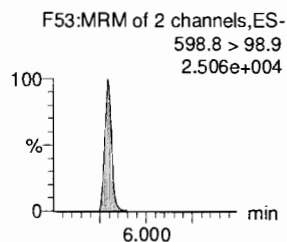
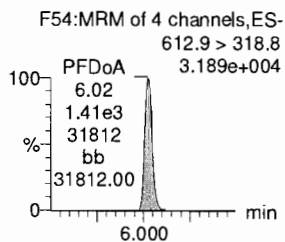
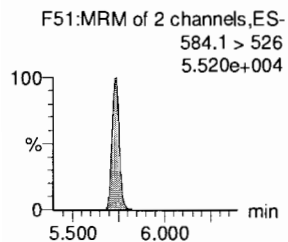
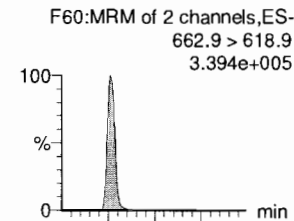
PFUdA



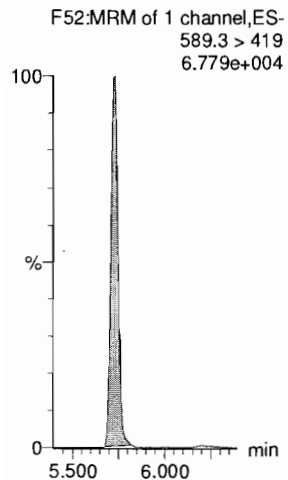
N-MeFOSA



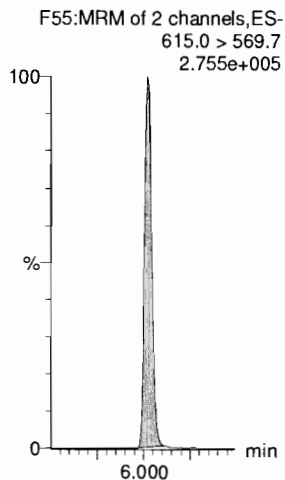
PFTrDA



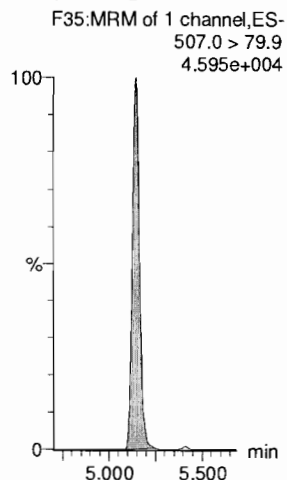
d5-N-EtFOSAA



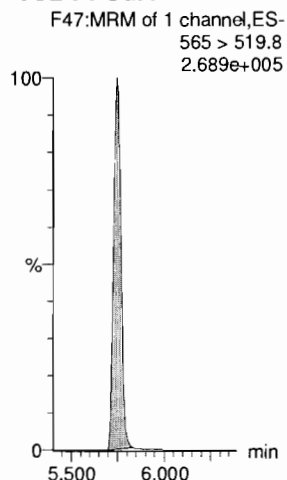
13C2-PFDoA



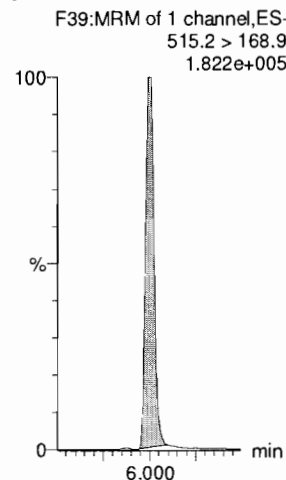
13C8-PFOS



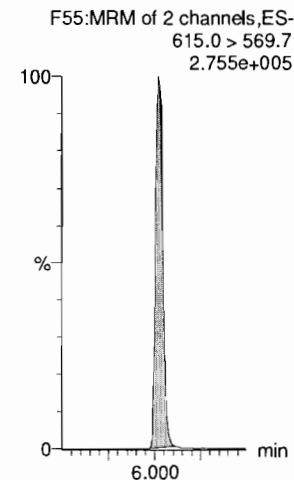
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

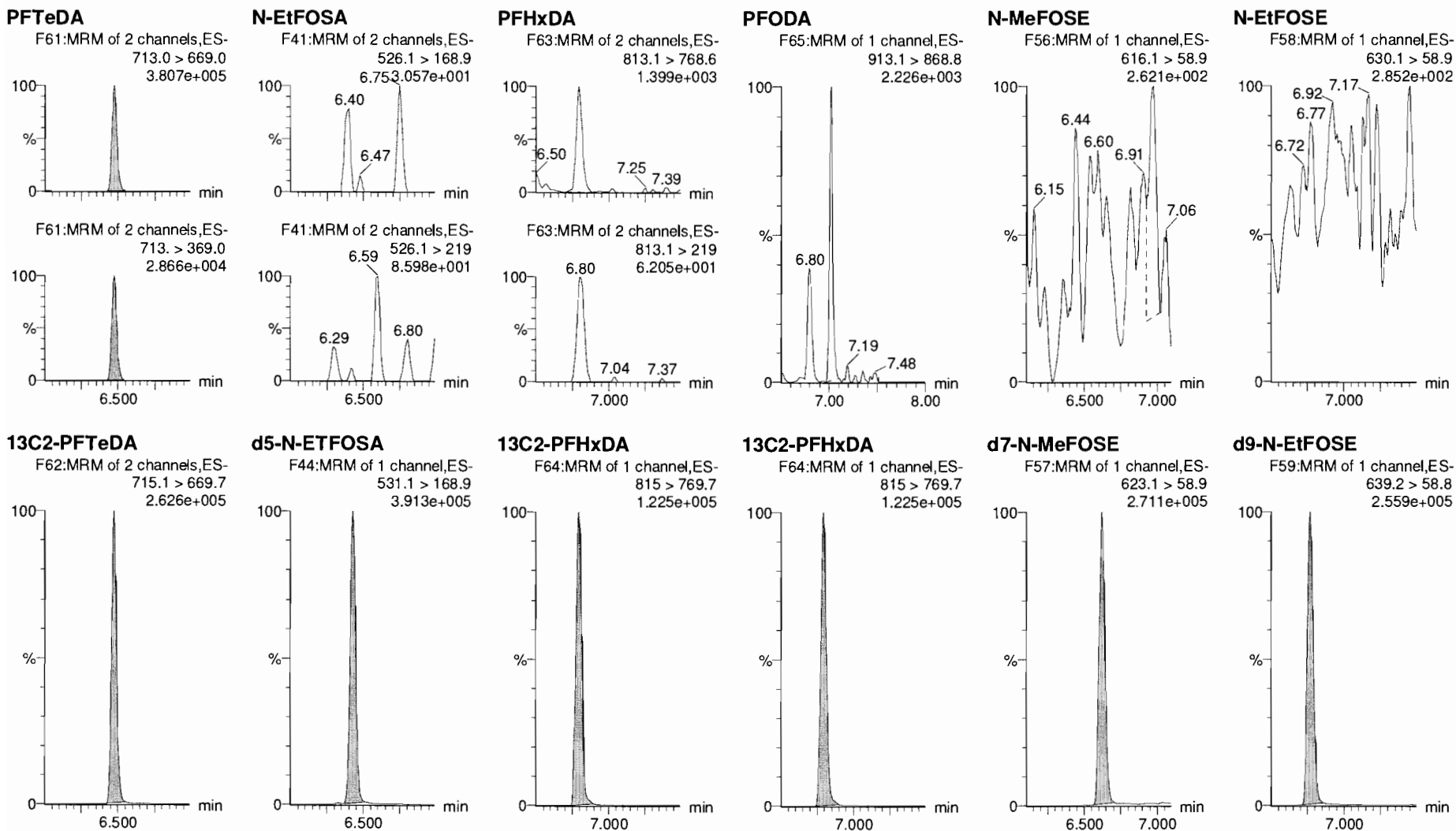


Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-ICV.qld

Last Altered: Saturday, October 27, 2018 13:58:37 Pacific Daylight Time

Printed: Saturday, October 27, 2018 13:59:06 Pacific Daylight Time

Name: 181026M2_13, Date: 26-Oct-2018, Time: 17:54:09, ID: ICV181026M2-1 PFC ICV 18J1825, Description: PFC ICV 18J1825



Dataset: F:\Projects\PFAS.PRO\Results\181026M2\181026M2-ICV.qld

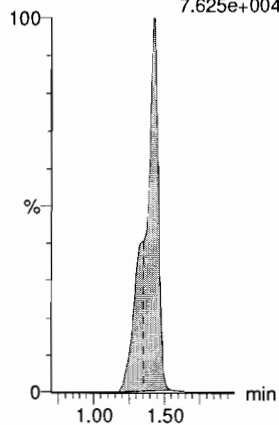
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Printed: Saturday, October 27, 2018 13:59:06 Pacific Daylight Time

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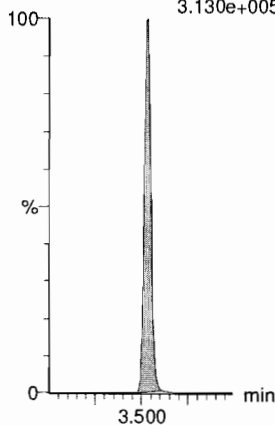
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
7.625e+004



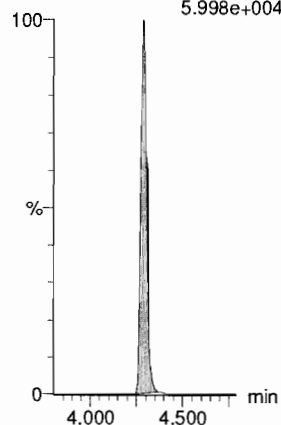
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
3.130e+005



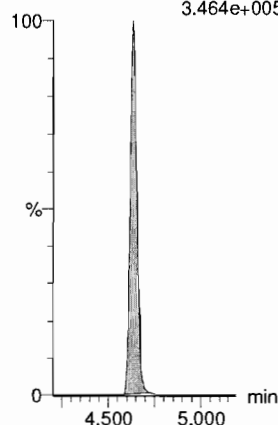
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
5.998e+004



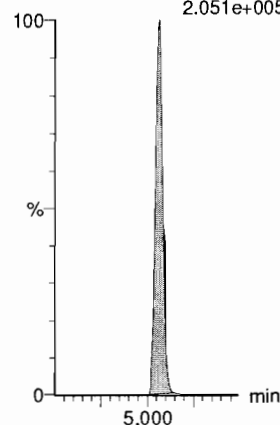
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
3.464e+005



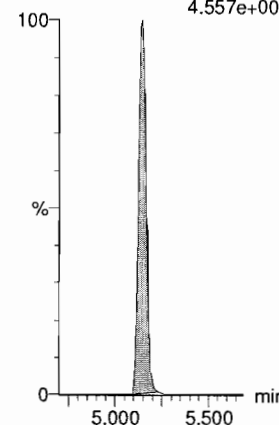
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
2.051e+005



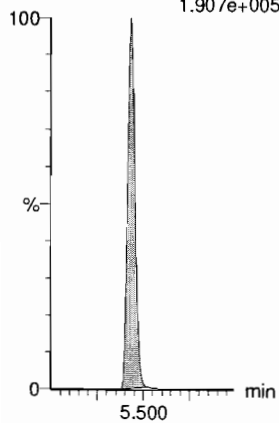
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
4.557e+004



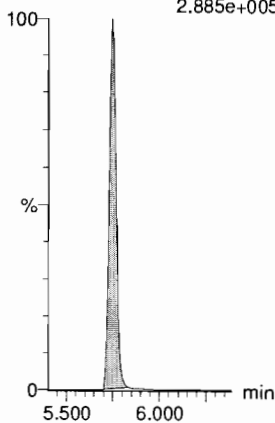
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
1.907e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
2.885e+005



Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

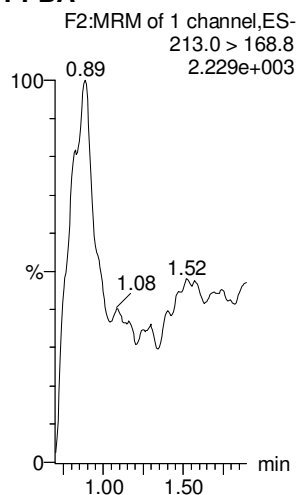
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102618.mdb 27 Oct 2018 11:08:57

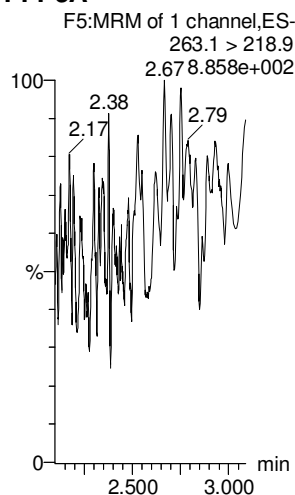
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-26-18.cdb 27 Oct 2018 11:20:01

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

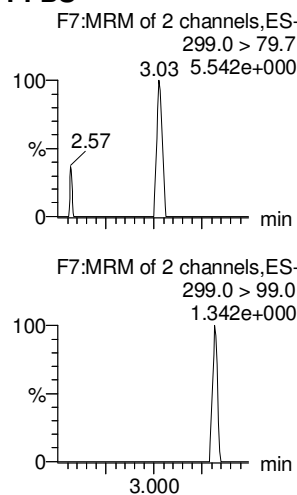
PFBA



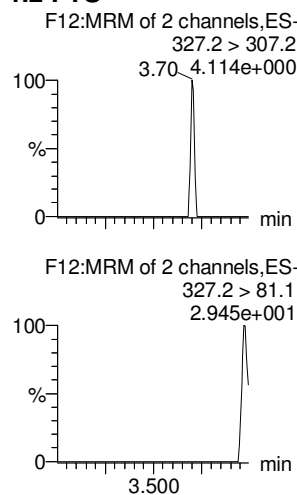
PFPeA



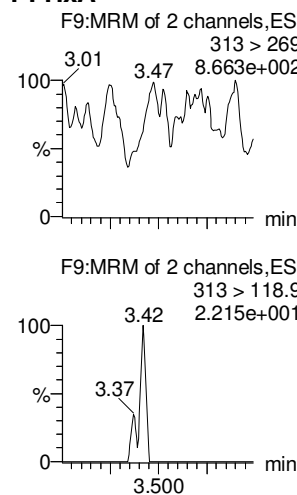
PFBS



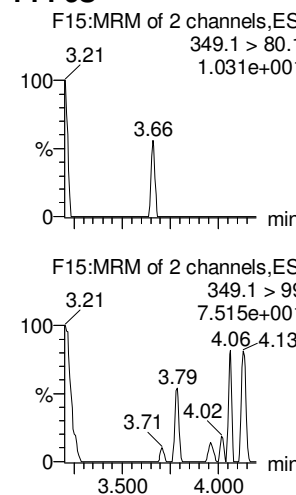
4:2 FTS



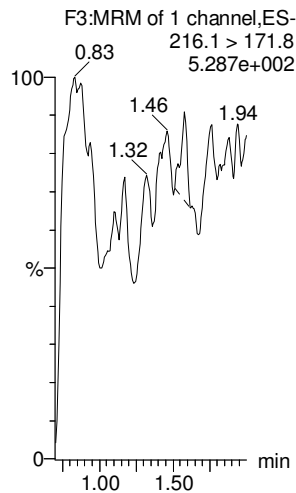
PFHxA



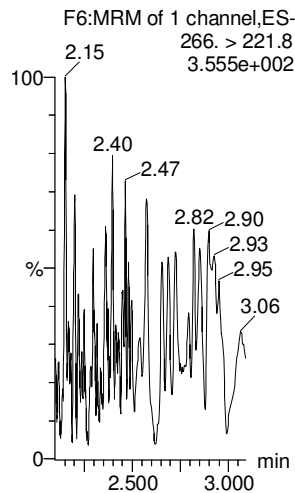
PFPeS



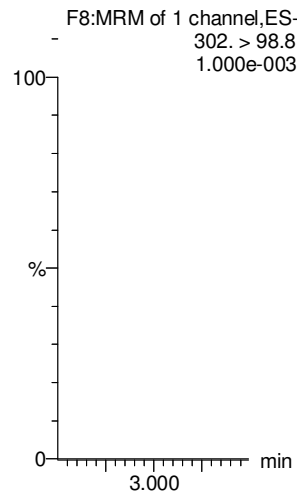
13C3-PFBA



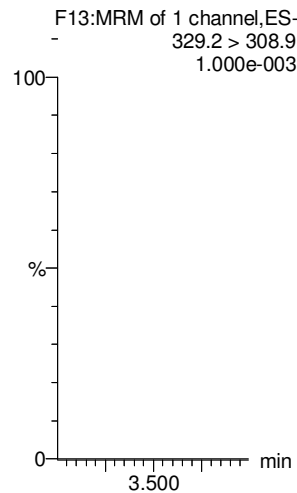
13C3-PFPeA



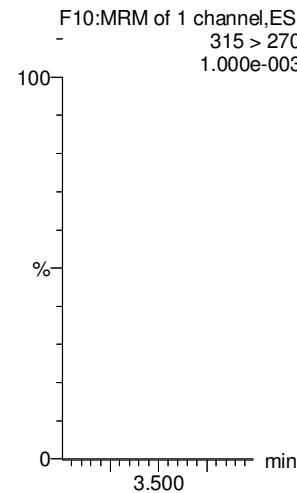
13C3-PFBS



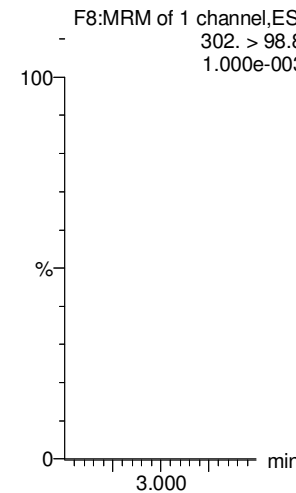
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

6:2 FTS

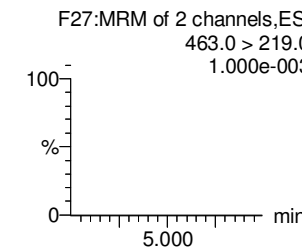
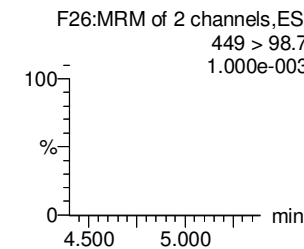
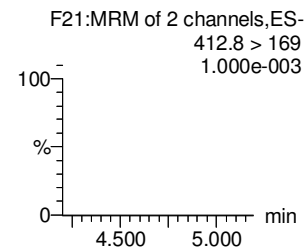
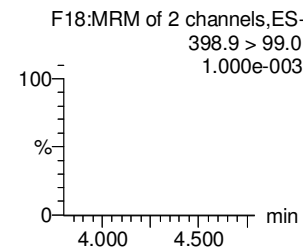
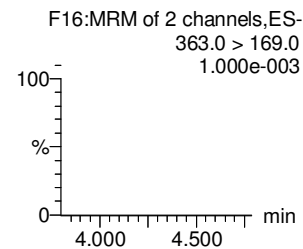
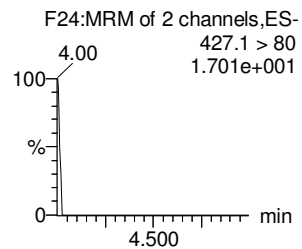
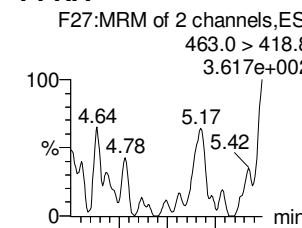
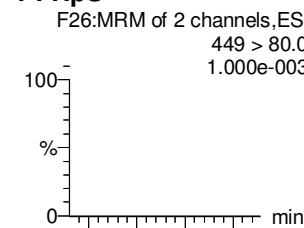
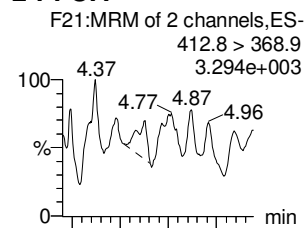
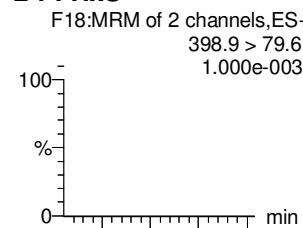
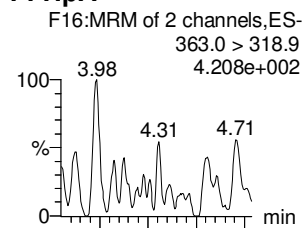
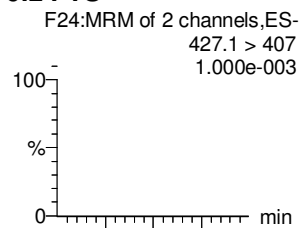
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

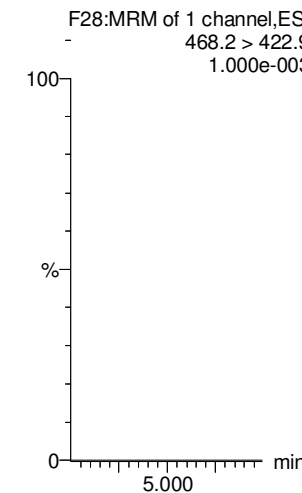
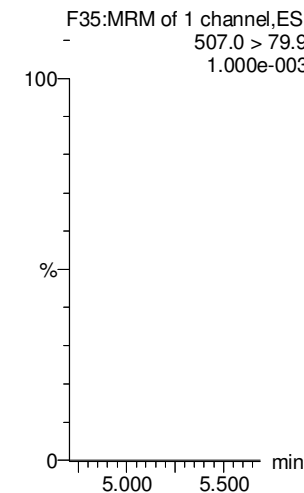
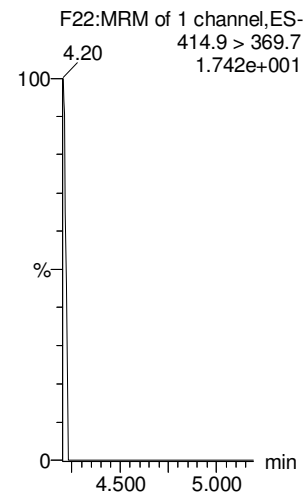
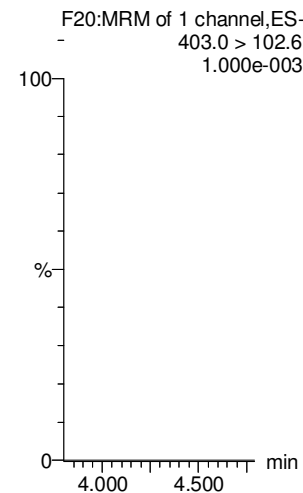
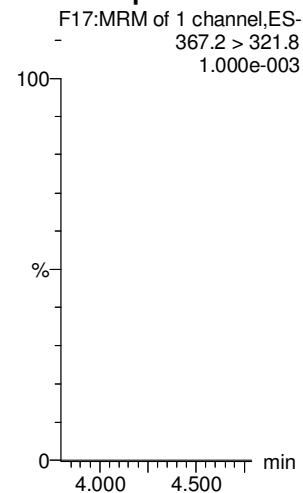
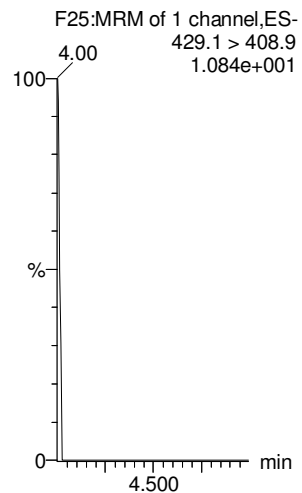
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

PFOSA

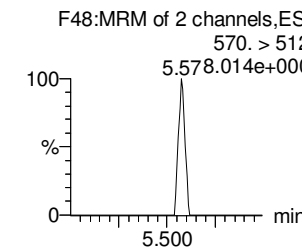
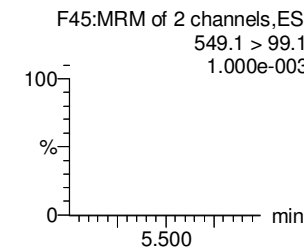
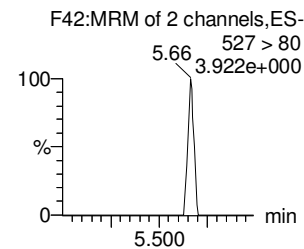
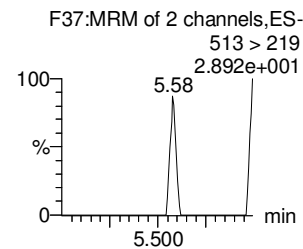
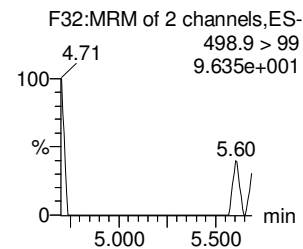
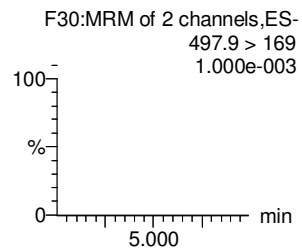
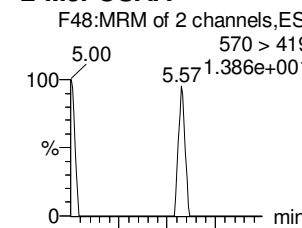
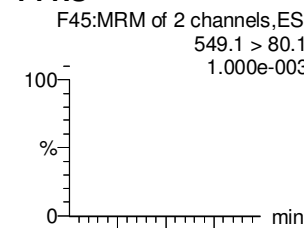
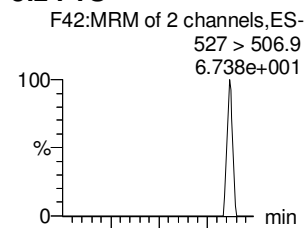
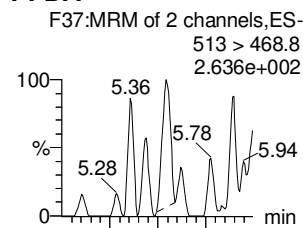
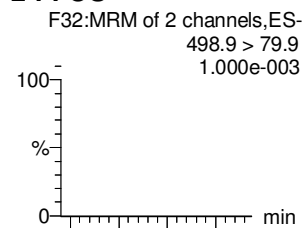
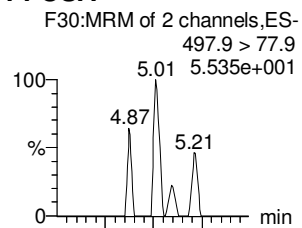
L-PFOS

PFDA

8:2 FTS

PFNS

L-MeFOSAA



13C8-PFOSA

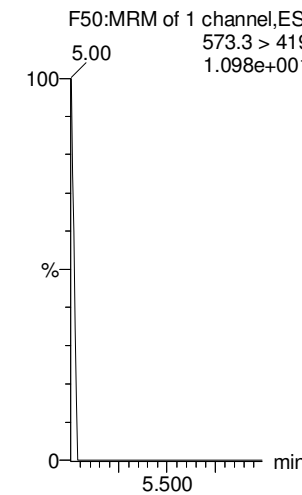
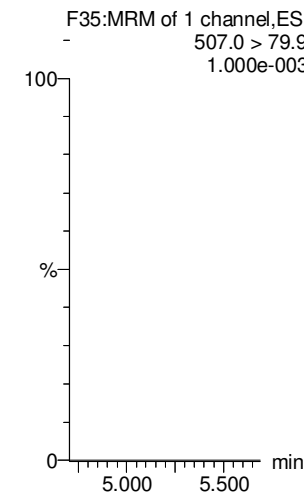
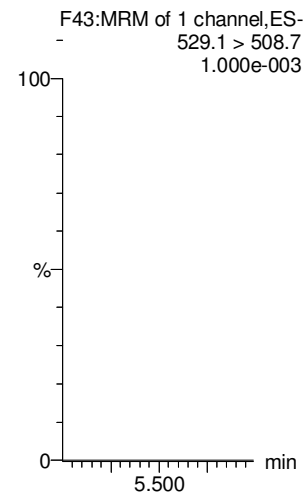
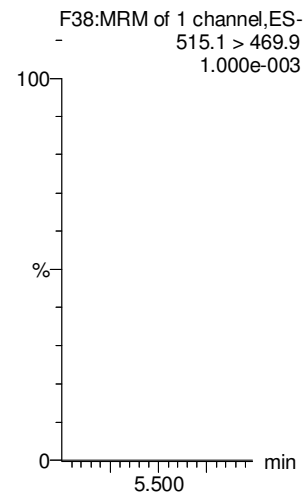
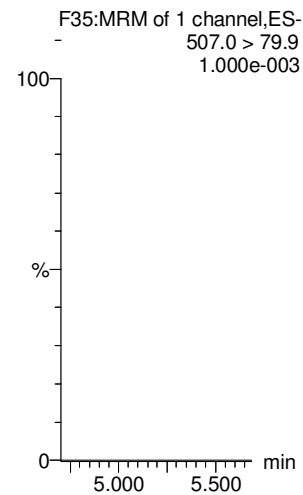
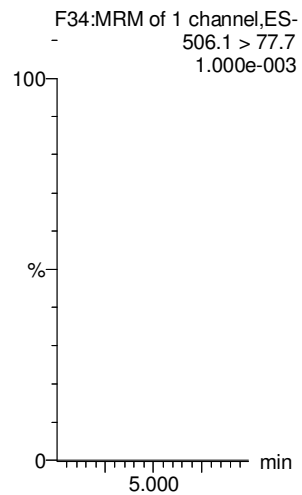
13C8-PFOS

13C2-PFDA

13C2-8:2 FTS

13C8-PFOS

d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

L-EtFOSAA

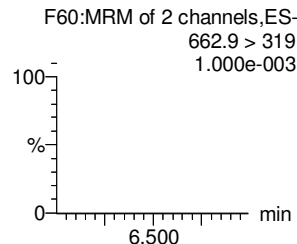
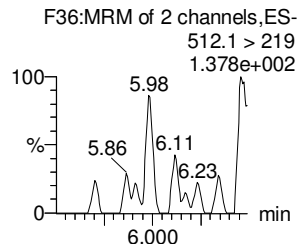
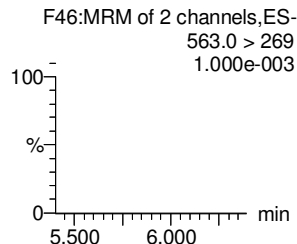
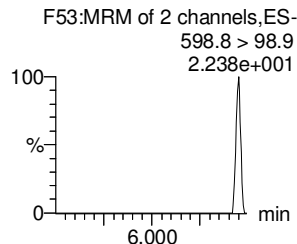
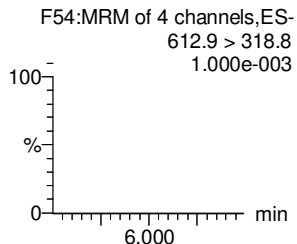
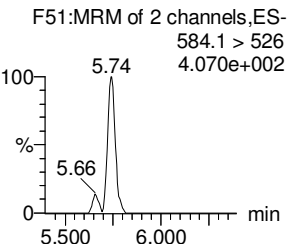
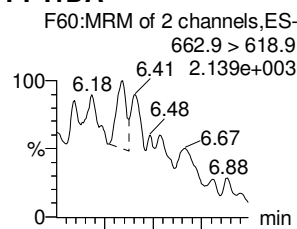
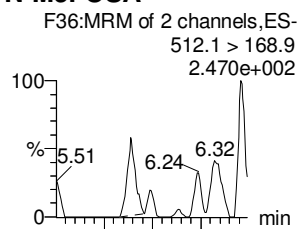
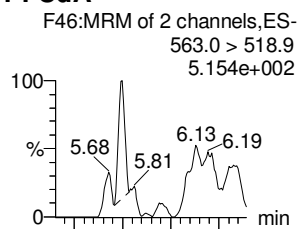
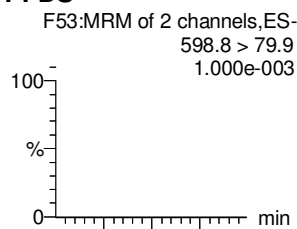
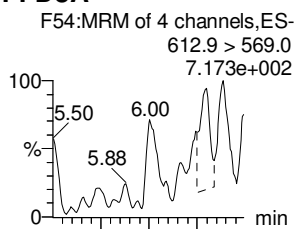
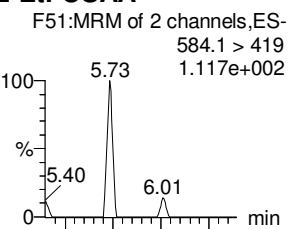
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

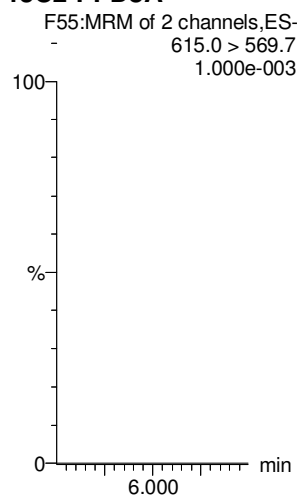
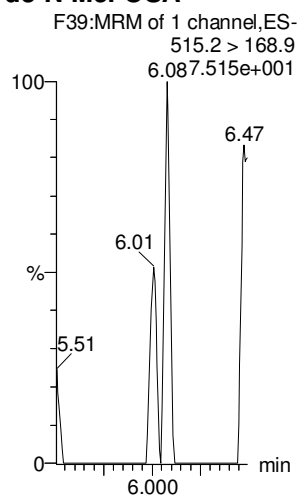
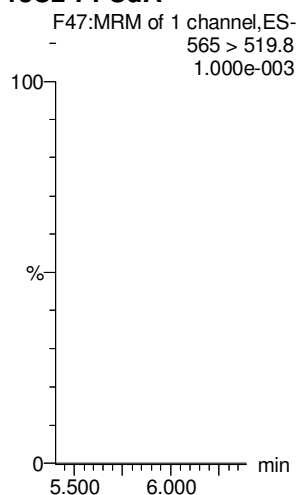
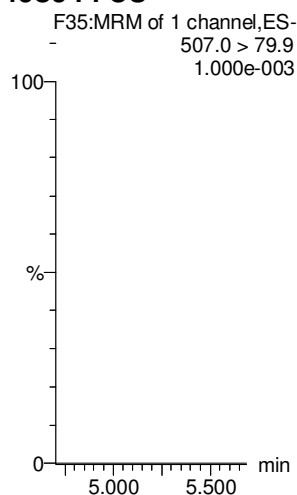
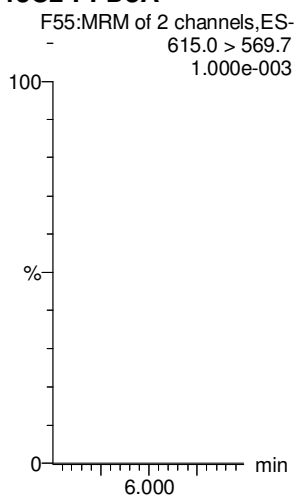
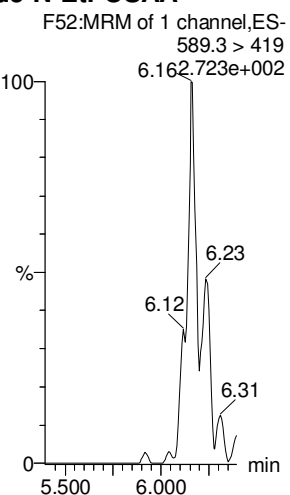
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



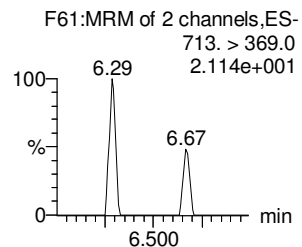
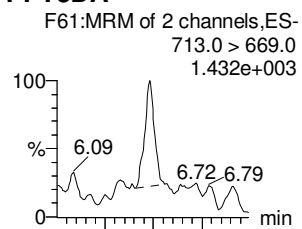
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Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

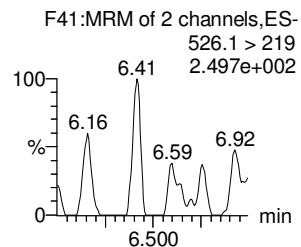
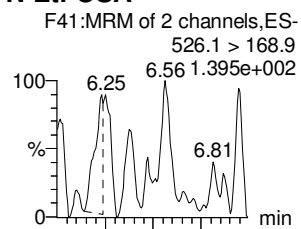
Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

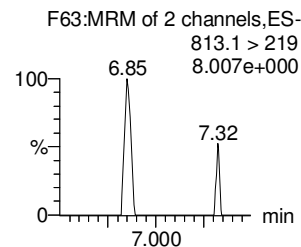
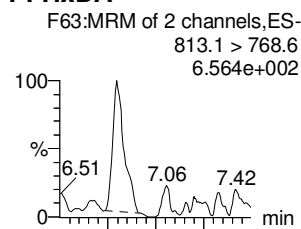
PFTeDA



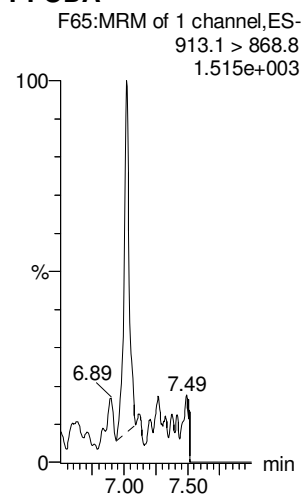
N-EtFOSEA



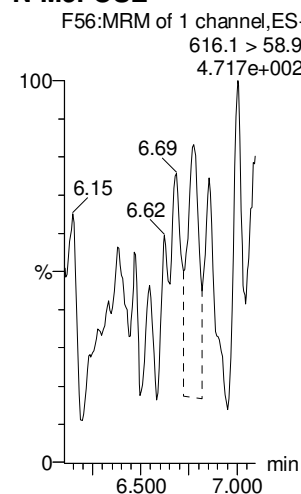
PFHxDA



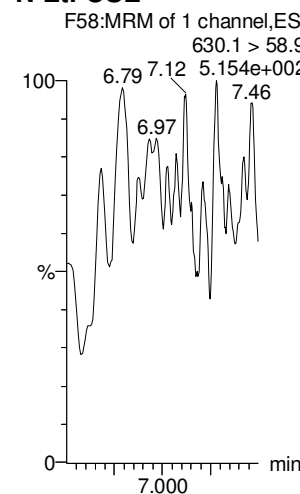
PFODA



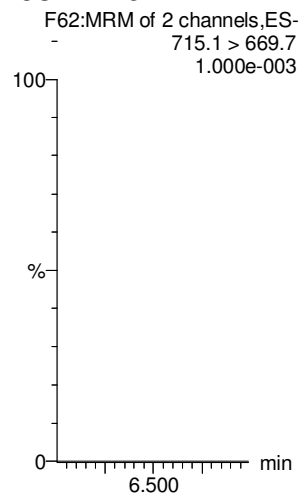
N-MeFOSEA



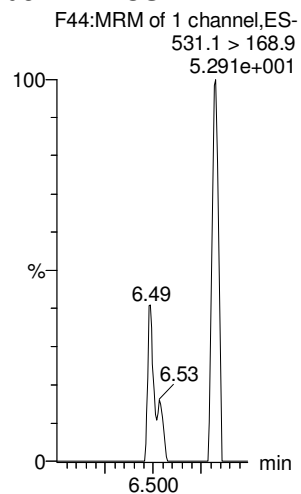
N-EtFOSEA



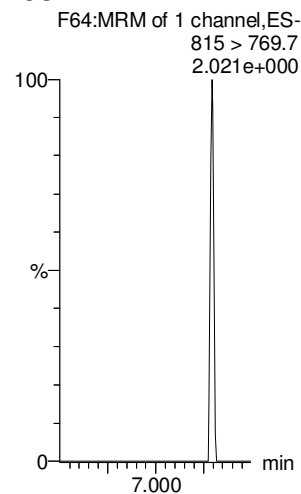
13C2-PFTeDA



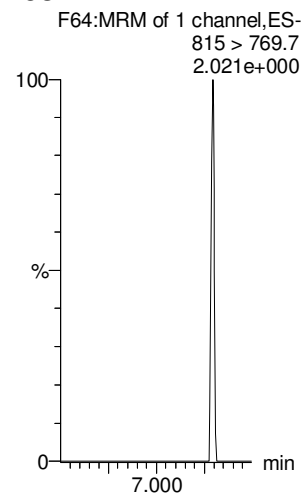
d5-N-ETFOSEA



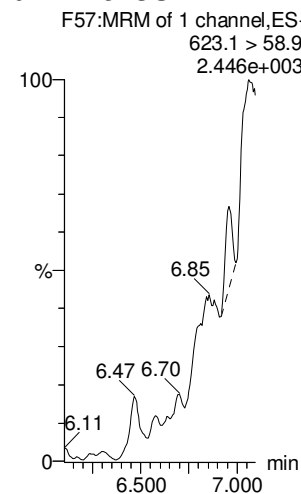
13C2-PFHxDA



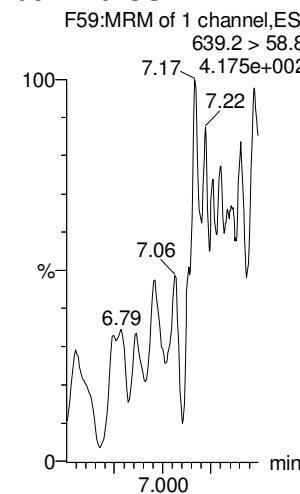
13C2-PFHxDA



d7-N-MeFOSEA



d9-N-EtFOSEA



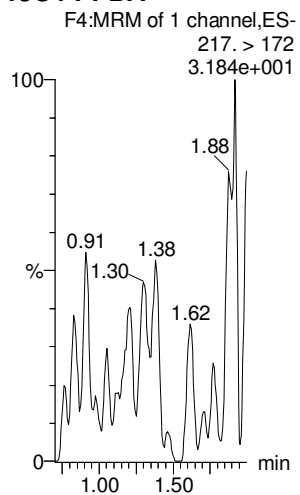
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Last Altered: Saturday, October 27, 2018 14:07:33 Pacific Daylight Time

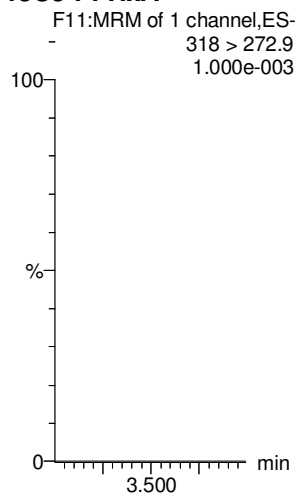
Printed: Saturday, October 27, 2018 14:08:06 Pacific Daylight Time

Name: 181026M2_12, Date: 26-Oct-2018, Time: 17:43:28, ID: IPA, Description: IPA

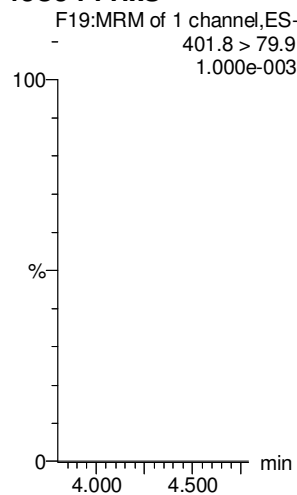
13C4-PFBA



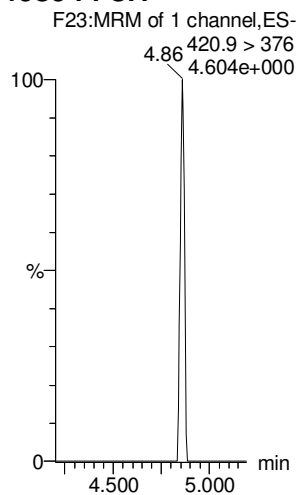
13C5-PFHxA



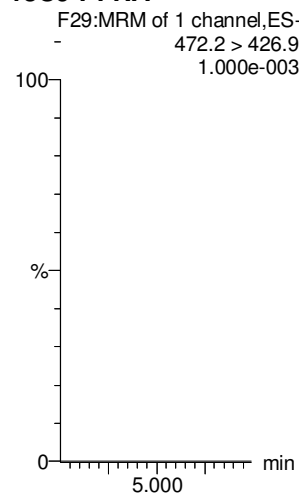
13C3-PFHxS



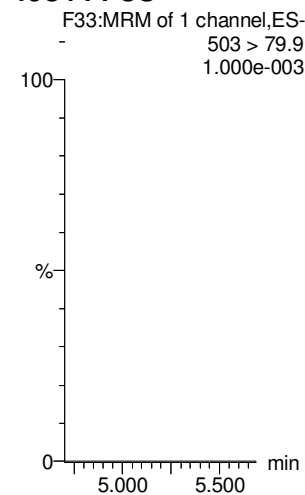
13C8-PFOA



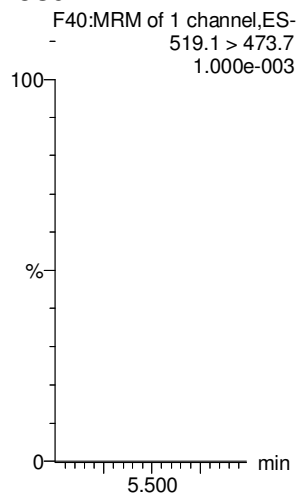
13C9-PFNA



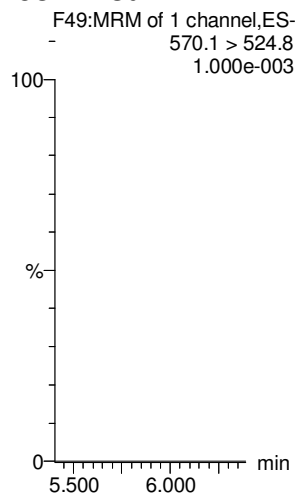
13C4-PFOS



13C6-PFDA



13C7-PFUdA



high pt
 4:2 PFS = 1.0
 6:2 PFS
 8:2 PFS ↓

low pt
 PFS = 0.5

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Compound name: PFBA

Correlation coefficient: $r = 0.999763$, $r^2 = 0.999527$
 Calibration curve: $1.177 * x + -0.0110384$
 Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
 Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

✓ AD 10/20/18

DM 10/20/19

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	0.250	1.28	306.235	13274.223	0.288	0.3	1.8	NO	1.000	NO	MM
2	2 181028M1_3	Standard	0.500	1.28	637.067	12809.002	0.622	0.5	7.5	NO	1.000	NO	MM
3	3 181028M1_4	Standard	1.000	1.27	1191.471	12879.146	1.156	1.0	-0.8	NO	1.000	NO	MM
4	4 181028M1_5	Standard	2.000	1.27	2459.485	13362.181	2.301	2.0	-1.8	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	1.27	5706.633	12785.580	5.579	4.7	-5.0	NO	1.000	NO	bb
6	6 181028M1_7	Standard	10.000	1.29	10712.403	11486.728	11.657	9.9	-0.9	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	1.25	57001.391	12307.799	57.892	49.2	-1.6	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	1.26	111777.820	12045.784	115.993	98.6	-1.4	NO	1.000	NO	MM
9	9 181028M1_10	Standard	250.000	1.23	287330.969	11795.508	304.492	258.7	3.5	NO	1.000	NO	MM
10	10 181028M1_11	Standard	500.000	1.26	542141.438	11658.313	581.282	493.9	-1.2	NO	1.000	NO	MM

Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999710$
 Calibration curve: $-2.08125e-005 * x^2 + 0.950298 * x + -0.0130815$
 Response type: Internal Std (Ref 37), 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 181028M1_2	Standard	0.250	2.54	372.711	18368.357	0.254	0.3	12.3	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	2.53	666.384	18452.717	0.451	0.5	-2.2	NO	1.000	NO	bb
3	3 181028M1_4	Standard	1.000	2.53	1390.416	18619.068	0.933	1.0	-0.4	NO	1.000	NO	bb
4	4 181028M1_5	Standard	2.000	2.53	2788.453	18605.865	1.873	2.0	-0.7	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	2.53	6653.658	18592.369	4.473	4.7	-5.6	NO	1.000	NO	bb
6	6 181028M1_7	Standard	10.000	2.54	13578.410	17952.064	9.455	10.0	-0.3	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	2.51	68132.086	18584.938	45.825	48.3	-3.4	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	2.52	132988.016	17794.504	93.419	98.5	-1.5	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	2.50	317686.625	16409.738	241.996	256.1	2.4	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: PFPeA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 181028M1_11	Standard	500.000	2.52	590444.000	15786.975	467.509	497.4	-0.5	NO	1.000	NO	bb

Compound name: PFBS

Coefficient of Determination: R² = 0.999101
 Calibration curve: -2.342e-005 * x² + 2.0353 * x + -0.0846923
 Response type: Internal Std (Ref 38), 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 181028M1_2	Standard	0.250	2.87	79.535	2096.111	0.474	0.3	9.9	NO	0.999	NO	bb
2	2 181028M1_3	Standard	0.500	2.87	172.035	2097.869	1.025	0.5	9.1	NO	0.999	NO	bb
3	3 181028M1_4	Standard	1.000	2.86	323.286	2121.273	1.905	1.0	-2.2	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	2.86	678.840	2131.100	3.982	2.0	-0.1	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	2.86	1628.607	2175.898	9.356	4.6	-7.2	NO	0.999	NO	bb
6	6 181028M1_7	Standard	10.000	2.86	3368.949	2186.934	19.256	9.5	-5.0	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	2.85	16252.649	2093.371	97.048	47.8	-4.5	NO	0.999	NO	bb
8	8 181028M1_9	Standard	100.000	2.85	31454.828	2003.114	196.287	96.6	-3.4	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	2.84	73102.359	1724.650	529.835	261.1	4.5	NO	0.999	NO	bb
10	10 181028M1_11	Standard	500.000	2.85	127357.281	1588.316	1002.298	495.3	-0.9	NO	0.999	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: R² = 0.998708
 Calibration curve: -0.00252095 * x² + 1.07742 * x + 0.0417613
 Response type: Internal Std (Ref 39), 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 181028M1_2	Standard	0.250	3.35	75.246	3985.887	0.236	0.2	-27.9	NO	0.999	NO	bb
2	2 181028M1_3	Standard	0.500	3.34	191.403	4056.510	0.590	0.5	1.9	NO	0.999	NO	bb
3	3 181028M1_4	Standard	1.000	3.35	395.731	4058.613	1.219	1.1	9.5	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	3.34	777.055	3906.727	2.486	2.3	14.1	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	3.35	1817.894	4234.277	5.367	5.0	0.0	NO	0.999	NO	bb
6	6 181028M1_7	Standard	10.000	3.34	3541.031	3991.531	11.089	10.5	5.1	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	3.33	16913.064	4595.614	46.003	48.1	-3.9	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: 4:2 FTS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 181028M1_9	Standard	100.000	3.33	32150.105	4823.388	83.318	101.3	1.3	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	3.33	70278.000	6184.105	142.054			NO	0.999	NO	bbXI
10	10 181028M1_11	Standard	500.000	3.33	121800.758	7984.045	190.694			NO	0.999	NO	bbXI

Compound name: PFHxA

Coefficient of Determination: R² = 0.999110

Calibration curve: -0.00013875 * x² + 0.993302 * x + -0.0286334

Response type: Internal Std (Ref 40), 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 181028M1_2	Standard	0.250	3.44	572.284	12412.274	0.231	0.3	4.4	NO	0.999	NO	bb
2	2 181028M1_3	Standard	0.500	3.43	1117.840	12459.210	0.449	0.5	-3.9	NO	0.999	NO	MM
3	3 181028M1_4	Standard	1.000	3.43	2401.248	12230.083	0.982	1.0	1.7	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	3.43	4983.361	12723.412	1.958	2.0	0.0	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	3.43	11448.251	12436.925	4.603	4.7	-6.7	NO	0.999	NO	bb
6	6 181028M1_7	Standard	10.000	3.43	23702.688	12443.259	9.524	9.6	-3.7	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	3.42	117758.375	12241.892	48.096	48.8	-2.4	NO	0.999	NO	bb
8	8 181028M1_9	Standard	100.000	3.41	223748.359	11952.216	93.601	95.5	-4.5	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	3.41	536576.063	10730.277	250.029	261.3	4.5	NO	0.999	NO	bb
10	10 181028M1_11	Standard	500.000	3.42	970878.000	10605.464	457.725	495.1	-1.0	NO	0.999	NO	bb

Compound name: PFPeS

Coefficient of Determination: R² = 0.999724

Calibration curve: -7.48749e-005 * x² + 1.72989 * x + -0.013904

Response type: Internal Std (Ref 38), 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 181028M1_2	Standard	0.250	3.66	72.755	2096.111	0.434	0.3	3.5	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	3.65	153.560	2097.869	0.915	0.5	7.4	NO	1.000	NO	bd
3	3 181028M1_4	Standard	1.000	3.65	288.347	2121.273	1.699	1.0	-1.0	NO	1.000	NO	bb
4	4 181028M1_5	Standard	2.000	3.65	585.999	2131.100	3.437	2.0	-0.2	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	3.65	1456.677	2175.898	8.368	4.8	-3.1	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: PFPeS

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 181028M1_7	Standard	10.000	3.64	2887.940	2186.934	16.507	9.6	-4.5	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	3.63	14107.792	2093.371	84.241	48.8	-2.4	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	3.63	27122.963	2003.114	169.255	98.3	-1.7	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	3.63	60453.262	1724.650	438.156	256.1	2.5	NO	1.000	NO	bb
10	10 181028M1_11	Standard	500.000	3.64	106968.875	1588.316	841.842	497.4	-0.5	NO	1.000	NO	bb

Compound name: PFHpA

Correlation coefficient: r = 0.999659, r² = 0.999319

Calibration curve: 1.30721 * x + 0.0128232

Response type: Internal Std (Ref 41), 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 181028M1_2	Standard	0.250	4.10	474.312	16924.113	0.350	0.3	3.3	NO	0.999	NO	MM
2	2 181028M1_3	Standard	0.500	4.10	938.389	16853.629	0.696	0.5	4.5	NO	0.999	NO	db
3	3 181028M1_4	Standard	1.000	4.10	1655.497	16755.178	1.235	0.9	-6.5	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	4.09	3608.296	16871.600	2.673	2.0	1.8	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	4.10	8517.386	16924.453	6.291	4.8	-3.9	NO	0.999	NO	bb
6	6 181028M1_7	Standard	10.000	4.08	17593.215	16666.447	13.195	10.1	0.8	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	4.08	85676.484	16409.400	65.265	49.9	-0.2	NO	0.999	NO	bb
8	8 181028M1_9	Standard	100.000	4.08	161059.703	15772.088	127.646	97.6	-2.4	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	4.08	379091.813	13924.430	340.312	260.3	4.1	NO	0.999	NO	bb
10	10 181028M1_11	Standard	500.000	4.08	675509.125	13122.497	643.465	492.2	-1.6	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: L-PFHxS

Coefficient of Determination: R² = 0.999595

Calibration curve: -0.000141364 * x² + 1.81721 * x + -0.0743879

Response type: Internal Std (Ref 42), 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 181028M1_2	Standard	0.250	4.25	54.820	1779.207	0.385	0.3	1.2	NO	1.000	NO	MM
2	2 181028M1_3	Standard	0.500	4.24	133.009	1915.051	0.868	0.5	3.7	NO	1.000	NO	MM
3	3 181028M1_4	Standard	1.000	4.24	269.024	1910.810	1.760	1.0	0.9	NO	1.000	NO	MM
4	4 181028M1_5	Standard	2.000	4.24	507.566	1925.826	3.294	1.9	-7.3	NO	1.000	NO	MM
5	5 181028M1_6	Standard	5.000	4.24	1261.733	1861.384	8.473	4.7	-5.9	NO	1.000	NO	MM
6	6 181028M1_7	Standard	10.000	4.22	2599.389	1922.500	16.901	9.3	-6.5	NO	1.000	NO	MM
7	7 181028M1_8	Standard	50.000	4.22	12920.769	1892.561	85.339	47.2	-5.6	NO	1.000	NO	MM
8	8 181028M1_9	Standard	100.000	4.21	25172.738	1714.253	183.555	101.9	1.9	NO	1.000	NO	MM
9	9 181028M1_10	Standard	250.000	4.22	58371.395	1610.557	453.037	254.4	1.8	NO	1.000	NO	MM
10	10 181028M1_11	Standard	500.000	4.22	103848.625	1493.381	869.241	497.6	-0.5	NO	1.000	NO	MM

Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.999696

Calibration curve: -0.00390844 * x² + 1.26906 * x + -0.0185132

Response type: Internal Std (Ref 43), 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 181028M1_2	Standard	0.250	4.53	96.963	4115.821	0.294	0.2	-1.3	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	4.53	195.612	3918.694	0.624	0.5	1.4	NO	1.000	NO	bb
3	3 181028M1_4	Standard	1.000	4.53	341.462	3696.360	1.155	0.9	-7.3	NO	1.000	NO	bb
4	4 181028M1_5	Standard	2.000	4.52	761.377	3794.554	2.508	2.0	0.2	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	4.53	1927.603	3965.653	6.076	4.9	-2.5	NO	1.000	NO	MM
6	6 181028M1_7	Standard	10.000	4.51	4050.932	3954.334	12.805	10.4	4.4	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	4.51	18656.840	4385.718	53.175	49.4	-1.1	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	4.51	36322.188	5159.212	88.003	100.4	0.4	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	4.51	81296.727	6461.722	157.266			NO	1.000	NO	bbXI
10	10 181028M1_11	Standard	500.000	4.51	143938.469	8755.685	205.493			NO	1.000	NO	bbXI

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: L-PFOA

Coefficient of Determination: R² = 0.999479

Calibration curve: -0.000133845 * x² + 1.33238 * x + 0.0662701

Response type: Internal Std (Ref 44), 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 181028M1_2	Standard	0.250	4.58	925.320	28476.086	0.406	0.3	2.0	NO	0.999	NO	db
2	2 181028M1_3	Standard	0.500	4.58	1773.470	27973.855	0.792	0.5	9.0	NO	0.999	NO	bb
3	3 181028M1_4	Standard	1.000	4.58	3107.016	28077.725	1.383	1.0	-1.1	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	4.58	6091.048	28268.059	2.693	2.0	-1.4	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	4.58	14691.719	28649.535	6.410	4.8	-4.7	NO	0.999	NO	bb
6	6 181028M1_7	Standard	10.000	4.56	29727.287	28065.271	13.240	9.9	-1.0	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	4.56	147324.484	28237.361	65.217	49.1	-1.7	NO	0.999	NO	bb
8	8 181028M1_9	Standard	100.000	4.56	275734.188	27113.107	127.122	96.3	-3.7	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	4.57	663440.688	24722.246	335.447	258.4	3.4	NO	0.999	NO	bb
10	10 181028M1_11	Standard	500.000	4.57	1160767.750	23083.982	628.557	496.5	-0.7	NO	0.999	NO	bb

Compound name: PFHpS

Coefficient of Determination: R² = 0.999878

Calibration curve: -1.48758e-005 * x² + 0.933119 * x + -0.0485227

Response type: Internal Std (Ref 47), 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 181028M1_2	Standard	0.250	4.70	61.447	4184.380	0.184	0.2	-0.5	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	4.69	134.398	4220.492	0.398	0.5	-4.3	NO	1.000	NO	bb
3	3 181028M1_4	Standard	1.000	4.69	327.993	4297.361	0.954	1.1	7.4	NO	1.000	NO	bb
4	4 181028M1_5	Standard	2.000	4.69	636.584	4433.793	1.795	2.0	-1.2	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	4.69	1679.810	4305.149	4.877	5.3	5.6	NO	1.000	NO	bb
6	6 181028M1_7	Standard	10.000	4.67	3070.169	4388.417	8.745	9.4	-5.7	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	4.68	15582.586	4247.877	45.854	49.2	-1.5	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	4.67	30801.559	4162.105	92.506	99.3	-0.7	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	4.67	68942.289	3666.388	235.048	253.0	1.2	NO	1.000	NO	bb
10	10 181028M1_11	Standard	500.000	4.67	124764.492	3378.443	461.620	498.7	-0.3	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: PFNA

Coefficient of Determination: R² = 0.997768

Calibration curve: $-8.01992e-005 * x^2 + 1.21946 * x + -0.0262021$

Response type: Internal Std (Ref 45), 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 181028M1_2	Standard	0.250	5.03	723.907	26825.924	0.337	0.3	19.2	NO	0.998	NO	db
2	2 181028M1_3	Standard	0.500	5.02	1245.147	27832.115	0.559	0.5	-4.0	NO	0.998	NO	bb
3	3 181028M1_4	Standard	1.000	5.02	2716.400	27164.953	1.250	1.0	4.7	NO	0.998	NO	bb
4	4 181028M1_5	Standard	2.000	5.02	5208.401	27577.428	2.361	2.0	-2.1	NO	0.998	NO	bb
5	5 181028M1_6	Standard	5.000	5.02	12463.602	27912.387	5.582	4.6	-8.0	NO	0.998	NO	bb
6	6 181028M1_7	Standard	10.000	5.00	26054.920	28049.057	11.611	9.5	-4.5	NO	0.998	NO	bb
7	7 181028M1_8	Standard	50.000	5.00	131497.891	27835.650	59.051	48.6	-2.8	NO	0.998	NO	bb
8	8 181028M1_9	Standard	100.000	5.00	244403.672	27398.902	111.502	92.0	-8.0	NO	0.998	NO	bb
9	9 181028M1_10	Standard	250.000	5.00	567993.750	22171.746	320.224	267.3	6.9	NO	0.998	NO	bb
10	10 181028M1_11	Standard	500.000	5.00	1028171.750	22099.320	581.563	492.9	-1.4	NO	0.998	NO	bb

Compound name: PFOSA

Coefficient of Determination: R² = 0.999604

Calibration curve: $-7.37072e-006 * x^2 + 1.09011 * x + 0.041788$

Response type: Internal Std (Ref 46), 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 181028M1_2	Standard	0.250	5.06	147.205	6013.966	0.306	0.2	-3.1	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	5.06	338.529	6109.827	0.693	0.6	19.4	NO	1.000	NO	bb
3	3 181028M1_4	Standard	1.000	5.06	539.526	6122.193	1.102	1.0	-2.8	NO	1.000	NO	bb
4	4 181028M1_5	Standard	2.000	5.06	1013.751	5946.755	2.131	1.9	-4.2	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	5.06	2447.670	5938.249	5.152	4.7	-6.2	NO	1.000	NO	bb
6	6 181028M1_7	Standard	10.000	5.04	4963.263	5756.530	10.777	9.8	-1.5	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	5.04	25033.838	5762.171	54.306	49.8	-0.4	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	5.04	47912.137	5688.273	105.287	96.6	-3.4	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	5.05	111427.188	4984.014	279.461	256.8	2.7	NO	1.000	NO	bb
10	10 181028M1_11	Standard	500.000	5.04	204488.016	4730.469	540.348	497.3	-0.5	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: L-PFOS

Coefficient of Determination: R² = 0.999233

Calibration curve: 4.22005e-005 * x² + 1.06753 * x + -0.0329624

Response type: Internal Std (Ref 47), 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 181028M1_2	Standard	0.250	5.11	86.616	4184.380	0.259	0.3	9.3	NO	0.999	NO	MM
2	2 181028M1_3	Standard	0.500	5.11	179.957	4220.492	0.533	0.5	6.0	NO	0.999	NO	MM
3	3 181028M1_4	Standard	1.000	5.11	359.041	4297.361	1.044	1.0	0.9	NO	0.999	NO	MM
4	4 181028M1_5	Standard	2.000	5.10	657.745	4433.793	1.854	1.8	-11.6	NO	0.999	NO	MM
5	5 181028M1_6	Standard	5.000	5.11	1673.721	4305.149	4.860	4.6	-8.4	NO	0.999	NO	MM
6	6 181028M1_7	Standard	10.000	5.09	3504.818	4388.417	9.983	9.4	-6.2	NO	0.999	NO	MM
7	7 181028M1_8	Standard	50.000	5.09	17840.637	4247.877	52.499	49.1	-1.8	NO	0.999	NO	MM
8	8 181028M1_9	Standard	100.000	5.09	34308.102	4162.105	103.037	96.2	-3.8	NO	0.999	NO	MM
9	9 181028M1_10	Standard	250.000	5.09	82218.234	3666.388	280.311	259.9	4.0	NO	0.999	NO	MM
10	10 181028M1_11	Standard	500.000	5.09	145896.406	3378.443	539.806	496.0	-0.8	NO	0.999	NO	MM

Compound name: PFDA

Coefficient of Determination: R² = 0.999132

Calibration curve: -0.000130933 * x² + 1.31403 * x + -0.0386919

Response type: Internal Std (Ref 48), 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 181028M1_2	Standard	0.250	5.40	736.446	27109.238	0.340	0.3	15.1	NO	0.999	NO	bb
2	2 181028M1_3	Standard	0.500	5.40	1365.097	27776.064	0.614	0.5	-0.6	NO	0.999	NO	bb
3	3 181028M1_4	Standard	1.000	5.40	2599.945	26698.148	1.217	1.0	-4.4	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	5.40	5520.881	28093.502	2.456	1.9	-5.0	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	5.40	14047.824	27324.912	6.426	4.9	-1.6	NO	0.999	NO	bb
6	6 181028M1_7	Standard	10.000	5.38	28641.799	26787.441	13.365	10.2	2.1	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	5.38	136047.359	27618.402	61.575	47.1	-5.8	NO	0.999	NO	bb
8	8 181028M1_9	Standard	100.000	5.38	261647.203	25979.447	125.891	96.8	-3.2	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	5.38	615162.438	23045.572	333.666	260.7	4.3	NO	0.999	NO	bb
10	10 181028M1_11	Standard	500.000	5.38	1064973.375	21514.238	618.761	495.4	-0.9	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: 8:2 FTS

Coefficient of Determination: R² = 0.998073

Calibration curve: -0.00444351 * x² + 1.50437 * x + 0.10015

Response type: Internal Std (Ref 49), 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 181028M1_2	Standard	0.250	5.37	123.953	3483.699	0.445	0.2	-8.3	NO	0.998	NO	bb
2	2 181028M1_3	Standard	0.500	5.37	223.409	3222.809	0.867	0.5	2.0	NO	0.998	NO	bb
3	3 181028M1_4	Standard	1.000	5.37	369.683	3253.183	1.420	0.9	-12.0	NO	0.998	NO	bb
4	4 181028M1_5	Standard	2.000	5.37	889.713	3206.692	3.468	2.3	12.7	NO	0.998	NO	bb
5	5 181028M1_6	Standard	5.000	5.37	1828.547	3045.836	7.504	5.0	-0.1	NO	0.998	NO	bb
6	6 181028M1_7	Standard	10.000	5.35	3954.168	3094.223	15.974	10.9	9.0	NO	0.998	NO	bb
7	7 181028M1_8	Standard	50.000	5.35	18145.055	3683.430	61.577	47.5	-4.9	NO	0.998	NO	bb
8	8 181028M1_9	Standard	100.000	5.35	34207.676	3985.586	107.286	102.0	2.0	NO	0.998	NO	bb
9	9 181028M1_10	Standard	250.000	5.35	75477.570	5161.119	182.803			NO	0.998	YES	bbXI
10	10 181028M1_11	Standard	500.000	5.35	128580.703	7130.212	225.415			NO	0.998	YES	bbXI

Compound name: PFNS

Coefficient of Determination: R² = 0.999414

Calibration curve: -1.24179e-005 * x² + 0.819395 * x + -0.0103634

Response type: Internal Std (Ref 47), 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 181028M1_2	Standard	0.250	5.47	83.616	4184.380	0.250	0.3	27.0	NO	0.999	NO	bb
2	2 181028M1_3	Standard	0.500	5.47	124.255	4220.492	0.368	0.5	-7.6	NO	0.999	NO	bb
3	3 181028M1_4	Standard	1.000	5.47	250.653	4297.361	0.729	0.9	-9.8	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	5.46	615.358	4433.793	1.735	2.1	6.5	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	5.47	1312.417	4305.149	3.811	4.7	-6.7	NO	0.999	NO	bb
6	6 181028M1_7	Standard	10.000	5.44	2675.013	4388.417	7.620	9.3	-6.9	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	5.45	13570.713	4247.877	39.934	48.8	-2.4	NO	0.999	NO	bb
8	8 181028M1_9	Standard	100.000	5.44	26489.158	4162.105	79.555	97.2	-2.8	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	5.45	61889.141	3666.388	211.002	258.5	3.4	NO	0.999	NO	bb
10	10 181028M1_11	Standard	500.000	5.45	109103.836	3378.443	403.676	496.4	-0.7	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:22 Pacific Daylight Time

Compound name: L-MeFOSAA

Coefficient of Determination: R² = 0.999536

Calibration curve: -0.000244488 * x² + 1.73264 * x + -0.00206692

Response type: Internal Std (Ref 50), 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 181028M1_2	Standard	0.250	5.55	206.117	5617.367	0.459	0.3	6.4	NO	1.000	NO	MM
2	2 181028M1_3	Standard	0.500	5.55	351.952	5756.520	0.764	0.4	-11.5	NO	1.000	NO	MM
3	3 181028M1_4	Standard	1.000	5.55	850.422	5493.718	1.935	1.1	11.8	NO	1.000	NO	MM
4	4 181028M1_5	Standard	2.000	5.55	1544.234	5567.316	3.467	2.0	0.1	NO	1.000	NO	MM
5	5 181028M1_6	Standard	5.000	5.55	3704.840	5994.183	7.726	4.5	-10.7	NO	1.000	NO	MM
6	6 181028M1_7	Standard	10.000	5.53	7704.385	5415.894	17.782	10.3	2.8	NO	1.000	NO	MM
7	7 181028M1_8	Standard	50.000	5.53	37437.926	5252.410	89.097	51.8	3.6	NO	1.000	NO	MM
8	8 181028M1_9	Standard	100.000	5.53	73113.844	5584.562	163.652	95.7	-4.3	NO	1.000	NO	MM
9	9 181028M1_10	Standard	250.000	5.53	169057.922	4979.049	424.423	254.1	1.6	NO	1.000	NO	MM
10	10 181028M1_11	Standard	500.000	5.53	304130.594	4733.999	803.049	498.6	-0.3	NO	1.000	NO	MM

Compound name: L-EtFOSAA

Coefficient of Determination: R² = 0.999441

Calibration curve: -9.88997e-005 * x² + 1.20586 * x + -0.085728

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 181028M1_2	Standard	0.250	5.72	132.453	7568.855	0.219	0.3	1.0	NO	0.999	NO	MM
2	2 181028M1_3	Standard	0.500	5.71	422.449	7782.716	0.679	0.6	26.8	NO	0.999	NO	MM
3	3 181028M1_4	Standard	1.000	5.71	646.200	7493.152	1.078	1.0	-3.5	NO	0.999	NO	MM
4	4 181028M1_5	Standard	2.000	5.71	1228.640	7724.157	1.988	1.7	-14.0	NO	0.999	NO	MM
5	5 181028M1_6	Standard	5.000	5.71	3369.579	7767.719	5.422	4.6	-8.6	NO	0.999	NO	MM
6	6 181028M1_7	Standard	10.000	5.69	6808.669	7128.644	11.939	10.0	-0.2	NO	0.999	NO	MM
7	7 181028M1_8	Standard	50.000	5.69	32189.090	6717.985	59.893	49.9	-0.1	NO	0.999	NO	MM
8	8 181028M1_9	Standard	100.000	5.69	61264.188	6656.270	115.050	96.2	-3.8	NO	0.999	NO	MM
9	9 181028M1_10	Standard	250.000	5.69	139576.891	5739.938	303.960	257.6	3.0	NO	0.999	NO	MM
10	10 181028M1_11	Standard	500.000	5.69	235740.516	5127.943	574.647	496.9	-0.6	NO	0.999	NO	MM

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Compound name: PFUdA

Coefficient of Determination: R² = 0.999596
 Calibration curve: $-0.000186065 * x^2 + 1.01915 * x + 0.0322047$
 Response type: Internal Std (Ref 51), 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 181028M1_2	Standard	0.250	5.73	812.083	32708.201	0.310	0.3	9.2	NO	1.000	NO	MM
2	2 181028M1_3	Standard	0.500	5.73	1576.613	32578.168	0.605	0.6	12.4	NO	1.000	NO	MM
3	3 181028M1_4	Standard	1.000	5.73	2606.281	32786.953	0.994	0.9	-5.6	NO	1.000	NO	bb
4	4 181028M1_5	Standard	2.000	5.72	5347.931	33112.492	2.019	2.0	-2.5	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	5.73	12925.950	33353.828	4.844	4.7	-5.5	NO	1.000	NO	MM
6	6 181028M1_7	Standard	10.000	5.70	25135.686	32449.486	9.683	9.5	-5.1	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	5.70	124932.305	32295.881	48.355	47.8	-4.3	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	5.70	242140.125	30399.229	99.567	99.5	-0.5	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	5.71	547228.813	27411.059	249.547	256.9	2.7	NO	1.000	NO	bb
10	10 181028M1_11	Standard	500.000	5.71	972982.688	26425.602	460.246	496.6	-0.7	NO	1.000	NO	bb

Compound name: PFDS

Coefficient of Determination: R² = 0.999278
 Calibration curve: $-2.37728e-005 * x^2 + 0.99278 * x + -0.180308$
 Response type: Internal Std (Ref 47), 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 181028M1_2	Standard	0.250	5.78	91.123	4184.380	0.272	0.5	82.3	YES	0.999	NO	bbX
2	2 181028M1_3	Standard	0.500	5.77	120.722	4220.492	0.358	0.5	8.4	NO	0.999	NO	bb
3	3 181028M1_4	Standard	1.000	5.77	292.153	4297.361	0.850	1.0	3.8	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	5.77	630.104	4433.793	1.776	2.0	-1.4	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	5.77	1586.994	4305.149	4.608	4.8	-3.5	NO	0.999	NO	bb
6	6 181028M1_7	Standard	10.000	5.76	3217.141	4388.417	9.164	9.4	-5.9	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	5.76	16964.488	4247.877	49.920	50.5	1.1	NO	0.999	NO	bb
8	8 181028M1_9	Standard	100.000	5.75	31221.305	4162.105	93.767	94.8	-5.2	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	5.76	74831.398	3666.388	255.126	258.8	3.5	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: PFDS

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
10	10 181028M1_11	Standard	500.000	5.76	131610.047	3378.443	486.948	496.6	-0.7	NO	0.999	NO	bb

Compound name: PFDoA

Coefficient of Determination: R² = 0.999738

Calibration curve: -0.000131786 * x² + 1.17434 * x + 0.881207

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 181028M1_2	Standard	0.250	6.00	2908.476	31759.955	1.145	0.2	-10.2	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	6.00	4004.994	31522.654	1.588	0.6	20.4	NO	1.000	NO	bb
3	3 181028M1_4	Standard	1.000	6.00	5173.850	31777.289	2.035	1.0	-1.7	NO	1.000	NO	db
4	4 181028M1_5	Standard	2.000	6.00	8124.839	32888.176	3.088	1.9	-6.0	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	6.01	17021.277	31005.936	6.862	5.1	1.9	NO	1.000	NO	bb
6	6 181028M1_7	Standard	10.000	5.99	31656.426	32203.625	12.288	9.7	-2.8	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	5.99	149681.453	31798.117	58.841	49.6	-0.7	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	5.99	274919.781	30127.934	114.063	97.4	-2.6	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	5.99	639354.813	27346.492	292.247	255.4	2.2	NO	1.000	NO	bb
10	10 181028M1_11	Standard	500.000	5.99	1133670.875	25638.037	552.729	497.7	-0.5	NO	1.000	NO	bb

Compound name: N-MeFOSA

Coefficient of Determination: R² = 0.999680

Calibration curve: -7.17187e-005 * x² + 1.06327 * x + -0.0145437

Response type: Internal Std (Ref 54), 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 181028M1_2	Standard	1.250	5.96	202.757	21360.498	1.424	1.4	8.2	NO	1.000	NO	bb
2	2 181028M1_3	Standard	2.500	5.96	418.010	21815.598	2.874	2.7	8.7	NO	1.000	NO	bb
3	3 181028M1_4	Standard	5.000	5.96	673.014	21430.967	4.711	4.4	-11.1	NO	1.000	NO	bb
4	4 181028M1_5	Standard	10.000	5.96	1529.662	22241.139	10.316	9.7	-2.8	NO	1.000	NO	bb
5	5 181028M1_6	Standard	25.000	5.96	3738.400	20920.490	26.804	25.3	1.1	NO	1.000	NO	bb
6	6 181028M1_7	Standard	50.000	5.94	7703.144	22424.426	51.527	48.6	-2.7	NO	1.000	NO	bb
7	7 181028M1_8	Standard	250.000	5.94	37097.461	21884.723	254.270	243.1	-2.7	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: N-MeFOSA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
8	8 181028M1_9	Standard	500.000	5.94	71866.594	21344.977	505.036	491.3	-1.7	NO	1.000	NO	bb
9	9 181028M1_10	Standard	1250.000	5.94	164307.453	19765.660	1246.916	1283.9	2.7	NO	1.000	NO	bb
10	10 181028M1_11	Standard	2500.000	5.94	293764.406	20052.666	2197.447	2482.3	-0.7	NO	1.000	NO	bb

Compound name: PFTTrDA

Coefficient of Determination: R^2 = 0.999720
 Calibration curve: $-0.000145659 * x^2 + 1.15732 * x + -0.0290903$
 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 181028M1_2	Standard	0.250	6.26	680.308	31759.955	0.268	0.3	2.6	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	6.26	1491.660	31522.654	0.592	0.5	7.3	NO	1.000	NO	MM
3	3 181028M1_4	Standard	1.000	6.26	2822.686	31777.289	1.110	1.0	-1.5	NO	1.000	NO	MM
4	4 181028M1_5	Standard	2.000	6.26	5931.240	32888.176	2.254	2.0	-1.3	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	6.26	14058.794	31005.936	5.668	4.9	-1.5	NO	1.000	NO	bb
6	6 181028M1_7	Standard	10.000	6.24	28852.049	32203.625	11.199	9.7	-2.9	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	6.24	141917.453	31798.117	55.788	48.5	-2.9	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	6.24	270885.094	30127.934	112.390	98.4	-1.6	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	6.24	627908.938	27346.492	287.015	256.3	2.5	NO	1.000	NO	bb
10	10 181028M1_11	Standard	500.000	6.24	1106238.375	25638.037	539.354	497.2	-0.6	NO	1.000	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R^2 = 0.999069
 Calibration curve: $-0.00045543 * x^2 + 1.60723 * x + -0.0534479$
 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 181028M1_2	Standard	0.250	6.48	714.596	21536.205	0.415	0.3	16.5	NO	0.999	NO	bb
2	2 181028M1_3	Standard	0.500	6.48	1415.604	21018.164	0.842	0.6	11.4	NO	0.999	NO	bb
3	3 181028M1_4	Standard	1.000	6.48	2565.453	22021.320	1.456	0.9	-6.0	NO	0.999	NO	bb
4	4 181028M1_5	Standard	2.000	6.47	5324.202	21912.443	3.037	1.9	-3.8	NO	0.999	NO	bb
5	5 181028M1_6	Standard	5.000	6.48	13181.331	22118.615	7.449	4.7	-6.5	NO	0.999	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: PFTeDA

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
6	6 181028M1_7	Standard	10.000	6.46	26287.441	22127.387	14.850	9.3	-7.0	NO	0.999	NO	bb
7	7 181028M1_8	Standard	50.000	6.46	126192.547	21571.254	73.125	46.1	-7.7	NO	0.999	NO	bb
8	8 181028M1_9	Standard	100.000	6.45	246713.828	19692.791	156.602	100.3	0.3	NO	0.999	NO	bb
9	9 181028M1_10	Standard	250.000	6.46	564719.125	18252.211	386.747	259.8	3.9	NO	0.999	NO	bb
10	10 181028M1_11	Standard	500.000	6.46	1003411.438	18350.309	683.511	494.6	-1.1	NO	0.999	NO	bb

Compound name: N-EtFOSA

Coefficient of Determination: R^2 = 0.999724

Calibration curve: $-3.38951e-005 * x^2 + 0.903459 * x + 0.122282$

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 181028M1_2	Standard	1.250	6.44	253.974	27480.002	1.386	1.4	11.9	NO	1.000	NO	bb
2	2 181028M1_3	Standard	2.500	6.44	448.562	28126.920	2.392	2.5	0.5	NO	1.000	NO	bb
3	3 181028M1_4	Standard	5.000	6.43	878.291	29742.535	4.429	4.8	-4.6	NO	1.000	NO	bb
4	4 181028M1_5	Standard	10.000	6.43	1764.958	30166.268	8.776	9.6	-4.2	NO	1.000	NO	bb
5	5 181028M1_6	Standard	25.000	6.44	4399.719	29934.322	22.047	24.3	-2.8	NO	1.000	NO	bb
6	6 181028M1_7	Standard	50.000	6.41	8903.734	28819.158	46.343	51.3	2.5	NO	1.000	NO	bb
7	7 181028M1_8	Standard	250.000	6.41	42652.176	29759.154	214.987	240.0	-4.0	NO	1.000	NO	bb
8	8 181028M1_9	Standard	500.000	6.41	82646.281	28238.535	439.008	495.0	-1.0	NO	1.000	NO	bb
9	9 181028M1_10	Standard	1250.000	6.41	188960.313	25781.586	1099.391	1278.0	2.2	NO	1.000	NO	bb
10	10 181028M1_11	Standard	2500.000	6.41	331216.875	24387.408	2037.221	2486.8	-0.5	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: PFHxDA

Coefficient of Determination: R² = 0.999925

Calibration curve: -0.000173645 * x² + 0.56335 * x + 0.0669493

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 181028M1_2	Standard	0.250	6.81	354.557	8722.280	0.203	0.2	-3.2	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	6.81	611.833	9023.121	0.339	0.5	-3.4	NO	1.000	NO	MM
3	3 181028M1_4	Standard	1.000	6.81	1146.864	9354.020	0.613	1.0	-3.0	NO	1.000	NO	bb
4	4 181028M1_5	Standard	2.000	6.80	2412.645	9481.656	1.272	2.1	7.0	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	6.80	5313.926	9315.438	2.852	5.0	-1.0	NO	1.000	NO	bb
6	6 181028M1_7	Standard	10.000	6.79	11254.543	9454.295	5.952	10.5	4.8	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	6.79	55421.906	10023.118	27.647	49.7	-0.6	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	6.78	102194.836	9452.034	54.060	98.9	-1.1	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	6.79	238375.750	9117.271	130.728	251.4	0.6	NO	1.000	NO	bb
10	10 181028M1_11	Standard	500.000	6.79	444256.625	9328.270	238.124	499.5	-0.1	NO	1.000	NO	bb

Compound name: PFODA

Coefficient of Determination: R² = 0.999651

Calibration curve: -0.000301718 * x² + 0.888696 * x + -0.00331867

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 181028M1_2	Standard	0.250	7.04	435.835	8722.280	0.250	0.3	14.0	NO	1.000	NO	bb
2	2 181028M1_3	Standard	0.500	7.03	806.331	9023.121	0.447	0.5	1.3	NO	1.000	NO	bb
3	3 181028M1_4	Standard	1.000	7.04	1611.156	9354.020	0.861	1.0	-2.7	NO	1.000	NO	bb
4	4 181028M1_5	Standard	2.000	7.04	3206.393	9481.656	1.691	1.9	-4.6	NO	1.000	NO	bb
5	5 181028M1_6	Standard	5.000	7.04	7908.306	9315.438	4.245	4.8	-4.2	NO	1.000	NO	bb
6	6 181028M1_7	Standard	10.000	7.02	16340.060	9454.295	8.642	9.8	-2.4	NO	1.000	NO	bb
7	7 181028M1_8	Standard	50.000	7.02	84004.305	10023.118	41.905	47.9	-4.1	NO	1.000	NO	bb
8	8 181028M1_9	Standard	100.000	7.02	161249.609	9452.034	85.299	99.3	-0.7	NO	1.000	NO	bb
9	9 181028M1_10	Standard	250.000	7.02	379839.125	9117.271	208.307	256.8	2.7	NO	1.000	NO	bb
10	10 181028M1_11	Standard	500.000	7.02	684156.813	9328.270	366.712	496.3	-0.7	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.999720

Calibration curve: $-3.76102e-006 * x^2 + 0.956669 * x + 0.0556659$

Response type: Internal Std (Ref 58), 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 181028M1_2	Standard	1.250	6.69	160.288	17217.898	1.396	1.4	12.1	NO	1.000	NO	bb
2	2 181028M1_3	Standard	2.500	6.69	293.408	16738.090	2.629	2.7	7.6	NO	1.000	NO	MM
3	3 181028M1_4	Standard	5.000	6.69	512.685	16910.607	4.548	4.7	-6.1	NO	1.000	NO	bb
4	4 181028M1_5	Standard	10.000	6.68	985.438	16974.260	8.708	9.0	-9.6	NO	1.000	NO	bb
5	5 181028M1_6	Standard	25.000	6.68	2675.112	16914.930	23.723	24.7	-1.0	NO	1.000	NO	bb
6	6 181028M1_7	Standard	50.000	6.66	5173.957	16308.059	47.590	49.7	-0.6	NO	1.000	NO	bb
7	7 181028M1_8	Standard	250.000	6.66	26411.520	16962.805	233.554	244.3	-2.3	NO	1.000	NO	bb
8	8 181028M1_9	Standard	500.000	6.66	51789.316	16613.865	467.585	489.6	-2.1	NO	1.000	NO	bb
9	9 181028M1_10	Standard	1250.000	6.66	129325.914	15921.797	1218.386	1280.0	2.4	NO	1.000	NO	bb
10	10 181028M1_11	Standard	2500.000	6.66	256518.609	16327.923	2356.564	2487.6	-0.5	NO	1.000	NO	bb

Compound name: N-EtFOSE

Coefficient of Determination: R² = 0.999510

Calibration curve: $-9.82801e-006 * x^2 + 1.13072 * x + -0.103473$

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 181028M1_2	Standard	1.250	6.83	162.812	16740.078	1.459	1.4	10.5	NO	1.000	NO	bb
2	2 181028M1_3	Standard	2.500	6.83	337.343	17170.676	2.947	2.7	7.9	NO	1.000	NO	bb
3	3 181028M1_4	Standard	5.000	6.83	600.888	16894.879	5.335	4.8	-3.8	NO	1.000	NO	bb
4	4 181028M1_5	Standard	10.000	6.83	1233.062	17179.332	10.766	9.6	-3.9	NO	1.000	NO	bb
5	5 181028M1_6	Standard	25.000	6.83	3000.583	16868.799	26.682	23.7	-5.2	NO	1.000	NO	bb
6	6 181028M1_7	Standard	50.000	6.81	5985.097	16286.911	55.122	48.9	-2.3	NO	1.000	NO	bb
7	7 181028M1_8	Standard	250.000	6.81	30504.748	16793.258	272.473	241.6	-3.4	NO	1.000	NO	bb
8	8 181028M1_9	Standard	500.000	6.81	59318.637	16215.553	548.720	487.4	-2.5	NO	1.000	NO	bb
9	9 181028M1_10	Standard	1250.000	6.81	147345.109	15310.689	1443.551	1291.2	3.3	NO	1.000	NO	bb
10	10 181028M1_11	Standard	2500.000	6.81	292694.813	15986.802	2746.279	2482.4	-0.7	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C3-PFBA

Response Factor: 0.771193

RRF SD: 0.0106551, Relative SD: 1.38164

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	1.28	13274.223	17185.395	9.655	12.5	0.2	NO		NO	bb
2	2 181028M1_3	Standard	12.500	1.28	12809.002	16687.514	9.595	12.4	-0.5	NO		NO	bb
3	3 181028M1_4	Standard	12.500	1.28	12879.146	16739.248	9.617	12.5	-0.2	NO		NO	bb
4	4 181028M1_5	Standard	12.500	1.28	13362.181	17184.771	9.719	12.6	0.8	NO		NO	bb
5	5 181028M1_6	Standard	12.500	1.28	12785.580	17154.182	9.317	12.1	-3.4	NO		NO	bb
6	6 181028M1_7	Standard	12.500	1.29	11486.728	14850.619	9.669	12.5	0.3	NO		NO	bb
7	7 181028M1_8	Standard	12.500	1.25	12307.799	16081.631	9.567	12.4	-0.8	NO		NO	bb
8	8 181028M1_9	Standard	12.500	1.25	12045.784	15467.660	9.735	12.6	1.0	NO		NO	MM
9	9 181028M1_10	Standard	12.500	1.23	11795.508	15130.479	9.745	12.6	1.1	NO		NO	MM
10	10 181028M1_11	Standard	12.500	1.26	11658.313	14899.281	9.781	12.7	1.5	NO		NO	MM

Compound name: 13C3-PFPeA

Response Factor: 0.579809

RRF SD: 0.0171496, Relative SD: 2.9578

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	2.54	18368.357	32624.721	7.038	12.1	-2.9	NO		NO	bb
2	2 181028M1_3	Standard	12.500	2.53	18452.717	32708.055	7.052	12.2	-2.7	NO		NO	bb
3	3 181028M1_4	Standard	12.500	2.53	18619.068	31991.000	7.275	12.5	0.4	NO		NO	bb
4	4 181028M1_5	Standard	12.500	2.53	18605.865	32558.447	7.143	12.3	-1.4	NO		NO	bb
5	5 181028M1_6	Standard	12.500	2.53	18592.369	32634.740	7.121	12.3	-1.7	NO		NO	bb
6	6 181028M1_7	Standard	12.500	2.53	17952.064	31804.646	7.056	12.2	-2.6	NO		NO	bb
7	7 181028M1_8	Standard	12.500	2.52	18584.938	31411.750	7.396	12.8	2.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	2.52	17794.504	30786.098	7.225	12.5	-0.3	NO		NO	bb
9	9 181028M1_10	Standard	12.500	2.50	16409.738	27371.705	7.494	12.9	3.4	NO		NO	bb
10	10 181028M1_11	Standard	12.500	2.52	15786.975	25707.453	7.676	13.2	5.9	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C3-PFBS

Response Factor: 0.540202

RRF SD: 0.0139778, Relative SD: 2.58752

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	2.87	2096.111	3901.367	6.716	12.4	-0.5	NO		NO	bb
2	2 181028M1_3	Standard	12.500	2.86	2097.869	3843.623	6.823	12.6	1.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	2.86	2121.273	3812.168	6.956	12.9	3.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	2.86	2131.100	4034.557	6.603	12.2	-2.2	NO		NO	bb
5	5 181028M1_6	Standard	12.500	2.86	2175.898	3932.207	6.917	12.8	2.4	NO		NO	bb
6	6 181028M1_7	Standard	12.500	2.86	2186.934	3892.752	7.022	13.0	4.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	2.85	2093.371	3971.423	6.589	12.2	-2.4	NO		NO	bb
8	8 181028M1_9	Standard	12.500	2.85	2003.114	3723.010	6.725	12.4	-0.4	NO		NO	bb
9	9 181028M1_10	Standard	12.500	2.85	1724.650	3220.354	6.694	12.4	-0.9	NO		NO	bb
10	10 181028M1_11	Standard	12.500	2.85	1588.316	3063.661	6.480	12.0	-4.0	NO		NO	bb

Compound name: 13C2-4:2 FTS

Response Factor: 1.08312

RRF SD: 0.101458, Relative SD: 9.36722

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	3.35	3985.887	3901.367	12.771	11.8	-5.7	NO		NO	bb
2	2 181028M1_3	Standard	12.500	3.35	4056.510	3843.623	13.192	12.2	-2.6	NO		NO	bb
3	3 181028M1_4	Standard	12.500	3.35	4058.613	3812.168	13.308	12.3	-1.7	NO		NO	bb
4	4 181028M1_5	Standard	12.500	3.34	3906.727	4034.557	12.104	11.2	-10.6	NO		NO	bb
5	5 181028M1_6	Standard	12.500	3.35	4234.277	3932.207	13.460	12.4	-0.6	NO		NO	bb
6	6 181028M1_7	Standard	12.500	3.34	3991.531	3892.752	12.817	11.8	-5.3	NO		NO	bb
7	7 181028M1_8	Standard	12.500	3.33	4595.614	3971.423	14.465	13.4	6.8	NO		NO	bb
8	8 181028M1_9	Standard	12.500	3.33	4823.388	3723.010	16.195	15.0	19.6	NO		NO	bb
9	9 181028M1_10	Standard	12.500	3.33	6184.105	3220.354	24.004	22.2	77.3	NO		NO	bbX
10	10 181028M1_11	Standard	12.500	3.33	7984.045	3063.661	32.576	30.1	140.6	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C2-PFHxA

Response Factor: 0.97233

RRF SD: 0.0238399, Relative SD: 2.45183

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	5.000	3.44	12412.274	32624.721	4.756	4.9	-2.2	NO		NO	bb
2	2 181028M1_3	Standard	5.000	3.43	12459.210	32708.055	4.762	4.9	-2.1	NO		NO	bb
3	3 181028M1_4	Standard	5.000	3.43	12230.083	31991.000	4.779	4.9	-1.7	NO		NO	bb
4	4 181028M1_5	Standard	5.000	3.43	12723.412	32558.447	4.885	5.0	0.5	NO		NO	bb
5	5 181028M1_6	Standard	5.000	3.43	12436.925	32634.740	4.764	4.9	-2.0	NO		NO	bb
6	6 181028M1_7	Standard	5.000	3.43	12443.259	31804.646	4.891	5.0	0.6	NO		NO	bb
7	7 181028M1_8	Standard	5.000	3.41	12241.892	31411.750	4.872	5.0	0.2	NO		NO	bb
8	8 181028M1_9	Standard	5.000	3.41	11952.216	30786.098	4.853	5.0	-0.2	NO		NO	bb
9	9 181028M1_10	Standard	5.000	3.42	10730.277	27371.705	4.900	5.0	0.8	NO		NO	bb
10	10 181028M1_11	Standard	5.000	3.42	10605.464	25707.453	5.157	5.3	6.1	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.517247

RRF SD: 0.00544531, Relative SD: 1.05275

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	4.10	16924.113	32624.721	6.484	12.5	0.3	NO		NO	bb
2	2 181028M1_3	Standard	12.500	4.10	16853.629	32708.055	6.441	12.5	-0.4	NO		NO	bb
3	3 181028M1_4	Standard	12.500	4.10	16755.178	31991.000	6.547	12.7	1.3	NO		NO	bb
4	4 181028M1_5	Standard	12.500	4.09	16871.600	32558.447	6.477	12.5	0.2	NO		NO	bb
5	5 181028M1_6	Standard	12.500	4.10	16924.453	32634.740	6.483	12.5	0.3	NO		NO	bb
6	6 181028M1_7	Standard	12.500	4.08	16666.447	31804.646	6.550	12.7	1.3	NO		NO	bb
7	7 181028M1_8	Standard	12.500	4.08	16409.400	31411.750	6.530	12.6	1.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	4.07	15772.088	30786.098	6.404	12.4	-1.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	4.08	13924.430	27371.705	6.359	12.3	-1.6	NO		NO	bb
10	10 181028M1_11	Standard	12.500	4.08	13122.497	25707.453	6.381	12.3	-1.3	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 18O2-PFHxS

Response Factor: 0.482466

RRF SD: 0.0163116, Relative SD: 3.38089

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	4.24	1779.207	3901.367	5.701	11.8	-5.5	NO		NO	bb
2	2 181028M1_3	Standard	12.500	4.24	1915.051	3843.623	6.228	12.9	3.3	NO		NO	bb
3	3 181028M1_4	Standard	12.500	4.24	1910.810	3812.168	6.265	13.0	3.9	NO		NO	bb
4	4 181028M1_5	Standard	12.500	4.24	1925.826	4034.557	5.967	12.4	-1.1	NO		NO	bb
5	5 181028M1_6	Standard	12.500	4.24	1861.384	3932.207	5.917	12.3	-1.9	NO		NO	bb
6	6 181028M1_7	Standard	12.500	4.22	1922.500	3892.752	6.173	12.8	2.4	NO		NO	bb
7	7 181028M1_8	Standard	12.500	4.22	1892.561	3971.423	5.957	12.3	-1.2	NO		NO	bb
8	8 181028M1_9	Standard	12.500	4.21	1714.253	3723.010	5.756	11.9	-4.6	NO		NO	bb
9	9 181028M1_10	Standard	12.500	4.22	1610.557	3220.354	6.251	13.0	3.7	NO		NO	bb
10	10 181028M1_11	Standard	12.500	4.22	1493.381	3063.661	6.093	12.6	1.0	NO		NO	bb

Compound name: 13C2-6:2 FTS

Response Factor: 0.965644

RRF SD: 0.141956, Relative SD: 14.7006

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	4.53	4115.821	4068.402	12.646	13.1	4.8	NO		NO	bb
2	2 181028M1_3	Standard	12.500	4.53	3918.694	4344.593	11.275	11.7	-6.6	NO		NO	bb
3	3 181028M1_4	Standard	12.500	4.53	3696.360	4370.669	10.571	10.9	-12.4	NO		NO	bb
4	4 181028M1_5	Standard	12.500	4.52	3794.554	4480.366	10.587	11.0	-12.3	NO		NO	bb
5	5 181028M1_6	Standard	12.500	4.53	3965.653	4416.156	11.225	11.6	-7.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	4.51	3954.334	4342.750	11.382	11.8	-5.7	NO		NO	bb
7	7 181028M1_8	Standard	12.500	4.51	4385.718	4220.910	12.988	13.5	7.6	NO		NO	bb
8	8 181028M1_9	Standard	12.500	4.51	5159.212	4058.276	15.891	16.5	31.7	NO		NO	bb
9	9 181028M1_10	Standard	12.500	4.51	6461.722	3541.554	22.807	23.6	88.9	NO		NO	bbX
10	10 181028M1_11	Standard	12.500	4.51	8755.685	3347.448	32.695	33.9	170.9	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C2-PFOA

Response Factor: 0.756619

RRF SD: 0.0106765, Relative SD: 1.41108

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	4.58	28476.086	37393.633	9.519	12.6	0.6	NO		NO	bb
2	2 181028M1_3	Standard	12.500	4.58	27973.855	37557.809	9.310	12.3	-1.6	NO		NO	bb
3	3 181028M1_4	Standard	12.500	4.58	28077.725	37001.609	9.485	12.5	0.3	NO		NO	bb
4	4 181028M1_5	Standard	12.500	4.58	28268.059	38074.531	9.281	12.3	-1.9	NO		NO	bb
5	5 181028M1_6	Standard	12.500	4.58	28649.535	38166.457	9.383	12.4	-0.8	NO		NO	bb
6	6 181028M1_7	Standard	12.500	4.56	28065.271	37442.605	9.369	12.4	-0.9	NO		NO	bb
7	7 181028M1_8	Standard	12.500	4.56	28237.361	36479.273	9.676	12.8	2.3	NO		NO	bb
8	8 181028M1_9	Standard	12.500	4.56	27113.107	35863.293	9.450	12.5	-0.1	NO		NO	bb
9	9 181028M1_10	Standard	12.500	4.57	24722.246	32726.996	9.443	12.5	-0.2	NO		NO	bb
10	10 181028M1_11	Standard	12.500	4.56	23083.982	29866.854	9.661	12.8	2.2	NO		NO	bb

Compound name: 13C5-PFNA

Response Factor: 0.968046

RRF SD: 0.0277, Relative SD: 2.86144

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.03	26825.924	28622.383	11.715	12.1	-3.2	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.02	27832.115	28934.947	12.024	12.4	-0.6	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.02	27164.953	28161.578	12.058	12.5	-0.4	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.02	27577.428	28465.240	12.110	12.5	0.1	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.02	27912.387	28119.314	12.408	12.8	2.5	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.00	28049.057	29227.381	11.996	12.4	-0.9	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.00	27835.650	28335.814	12.279	12.7	1.5	NO		NO	bb
8	8 181028M1_9	Standard	12.500	4.99	27398.902	27564.445	12.425	12.8	2.7	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.00	22171.746	24264.922	11.422	11.8	-5.6	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.00	22099.320	21978.150	12.569	13.0	3.9	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C8-PFOSA

Response Factor: 0.169392

RRF SD: 0.00661489, Relative SD: 3.90508

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.06	6013.966	36437.684	2.063	12.2	-2.6	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.06	6109.827	35663.805	2.141	12.6	1.1	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.06	6122.193	35562.098	2.152	12.7	1.6	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.05	5946.755	36634.469	2.029	12.0	-4.2	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.06	5938.249	35236.242	2.107	12.4	-0.5	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.04	5756.530	35617.848	2.020	11.9	-4.6	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.04	5762.171	34783.324	2.071	12.2	-2.2	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.03	5688.273	32742.672	2.172	12.8	2.6	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.04	4984.014	29434.670	2.117	12.5	-0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.04	4730.469	25678.746	2.303	13.6	8.8	NO		NO	bb

Compound name: 13C8-PFOS

Response Factor: 1.00346

RRF SD: 0.0227645, Relative SD: 2.26859

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.11	4184.380	4068.402	12.856	12.8	2.5	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.11	4220.492	4344.593	12.143	12.1	-3.2	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.11	4297.361	4370.669	12.290	12.2	-2.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.10	4433.793	4480.366	12.370	12.3	-1.4	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.11	4305.149	4416.156	12.186	12.1	-2.9	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.08	4388.417	4342.750	12.631	12.6	0.7	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.09	4247.877	4220.910	12.580	12.5	0.3	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.08	4162.105	4058.276	12.820	12.8	2.2	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.09	3666.388	3541.554	12.941	12.9	3.2	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.09	3378.443	3347.448	12.616	12.6	0.6	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C2-PFDA

Response Factor: 0.885082

RRF SD: 0.0200029, Relative SD: 2.26

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.40	27109.238	30225.514	11.211	12.7	1.3	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.40	27776.064	31833.787	10.907	12.3	-1.4	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.40	26698.148	30947.846	10.784	12.2	-2.5	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.40	28093.502	31506.436	11.146	12.6	0.7	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.40	27324.912	31172.016	10.957	12.4	-1.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.38	26787.441	30846.068	10.855	12.3	-1.9	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.38	27618.402	31503.145	10.959	12.4	-0.9	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.38	25979.447	29272.684	11.094	12.5	0.3	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.38	23045.572	26056.150	11.056	12.5	-0.1	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.38	21514.238	23049.922	11.667	13.2	5.5	NO		NO	bb

Compound name: 13C2-8:2 FTS

Response Factor: 0.789385

RRF SD: 0.102897, Relative SD: 13.035

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.38	3483.699	4068.402	10.704	13.6	8.5	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.37	3222.809	4344.593	9.272	11.7	-6.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.37	3253.183	4370.669	9.304	11.8	-5.7	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.36	3206.692	4480.366	8.947	11.3	-9.3	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.37	3045.836	4416.156	8.621	10.9	-12.6	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.35	3094.223	4342.750	8.906	11.3	-9.7	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.35	3683.430	4220.910	10.908	13.8	10.5	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.35	3985.586	4058.276	12.276	15.6	24.4	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.35	5161.119	3541.554	18.216	23.1	84.6	NO		NO	bbX
10	10 181028M1_11	Standard	12.500	5.35	7130.212	3347.448	26.626	33.7	169.8	NO		NO	bbX

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: d3-N-MeFOSAA

Response Factor: 0.161927
 RRF SD: 0.0111986, Relative SD: 6.91584
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.55	5617.367	36437.684	1.927	11.9	-4.8	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.55	5756.520	35663.805	2.018	12.5	-0.3	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.55	5493.718	35562.098	1.931	11.9	-4.6	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.54	5567.316	36634.469	1.900	11.7	-6.1	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.55	5994.183	35236.242	2.126	13.1	5.1	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.52	5415.894	35617.848	1.901	11.7	-6.1	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.53	5252.410	34783.324	1.888	11.7	-6.7	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.52	5584.562	32742.672	2.132	13.2	5.3	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.53	4979.049	29434.670	2.114	13.1	4.5	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.53	4733.999	25678.746	2.304	14.2	13.9	NO		NO	bb

Compound name: 13C2-PFUdA

Response Factor: 0.931183
 RRF SD: 0.037285, Relative SD: 4.00405
 Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
 Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.73	32708.201	36437.684	11.221	12.0	-3.6	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.73	32578.168	35663.805	11.418	12.3	-1.9	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.73	32786.953	35562.098	11.525	12.4	-1.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.72	33112.492	36634.469	11.298	12.1	-2.9	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.73	33353.828	35236.242	11.832	12.7	1.7	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.70	32449.486	35617.848	11.388	12.2	-2.2	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.70	32295.881	34783.324	11.606	12.5	-0.3	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.70	30399.229	32742.672	11.605	12.5	-0.3	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.71	27411.059	29434.670	11.641	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.71	26425.602	25678.746	12.864	13.8	10.5	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: d5-N-EtFOSAA

Response Factor: 0.205921

RRF SD: 0.00927571, Relative SD: 4.50449

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.71	7568.855	36437.684	2.597	12.6	0.9	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.71	7782.716	35663.805	2.728	13.2	6.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.71	7493.152	35562.098	2.634	12.8	2.3	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.71	7724.157	36634.469	2.636	12.8	2.4	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.71	7767.719	35236.242	2.756	13.4	7.1	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.69	7128.644	35617.848	2.502	12.1	-2.8	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.69	6717.985	34783.324	2.414	11.7	-6.2	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.69	6656.270	32742.672	2.541	12.3	-1.3	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.69	5739.938	29434.670	2.438	11.8	-5.3	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.69	5127.943	25678.746	2.496	12.1	-3.0	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 1.03507

RRF SD: 0.0349295, Relative SD: 3.37459

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	6.02	31759.955	30225.514	13.135	12.7	1.5	NO		NO	bb
2	2 181028M1_3	Standard	12.500	6.01	31522.654	31833.787	12.378	12.0	-4.3	NO		NO	bb
3	3 181028M1_4	Standard	12.500	6.01	31777.289	30947.846	12.835	12.4	-0.8	NO		NO	bb
4	4 181028M1_5	Standard	12.500	6.01	32888.176	31506.436	13.048	12.6	0.8	NO		NO	bb
5	5 181028M1_6	Standard	12.500	6.01	31005.936	31172.016	12.433	12.0	-3.9	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.99	32203.625	30846.068	13.050	12.6	0.9	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.99	31798.117	31503.145	12.617	12.2	-2.5	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.99	30127.934	29272.684	12.865	12.4	-0.6	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.99	27346.492	26056.150	13.119	12.7	1.4	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.99	25638.037	23049.922	13.904	13.4	7.5	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: d3-N-MeFOSA

Response Factor: 0.0530372

RRF SD: 0.00476297, Relative SD: 8.98044

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	150.000	5.99	21360.498	36437.684	7.328	138.2	-7.9	NO		NO	bb
2	2 181028M1_3	Standard	150.000	5.99	21815.598	35663.805	7.646	144.2	-3.9	NO		NO	bb
3	3 181028M1_4	Standard	150.000	5.99	21430.967	35562.098	7.533	142.0	-5.3	NO		NO	bb
4	4 181028M1_5	Standard	150.000	5.98	22241.139	36634.469	7.589	143.1	-4.6	NO		NO	bb
5	5 181028M1_6	Standard	150.000	5.99	20920.490	35236.242	7.422	139.9	-6.7	NO		NO	bb
6	6 181028M1_7	Standard	150.000	5.97	22424.426	35617.848	7.870	148.4	-1.1	NO		NO	bb
7	7 181028M1_8	Standard	150.000	5.96	21884.723	34783.324	7.865	148.3	-1.1	NO		NO	bb
8	8 181028M1_9	Standard	150.000	5.96	21344.977	32742.672	8.149	153.6	2.4	NO		NO	bb
9	9 181028M1_10	Standard	150.000	5.97	19765.660	29434.670	8.394	158.3	5.5	NO		NO	bb
10	10 181028M1_11	Standard	150.000	5.97	20052.666	25678.746	9.761	184.0	22.7	NO		NO	bb

Compound name: 13C2-PFTeDA

Response Factor: 0.620303

RRF SD: 0.0359212, Relative SD: 5.79092

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	6.48	21536.205	36437.684	7.388	11.9	-4.7	NO		NO	bb
2	2 181028M1_3	Standard	12.500	6.48	21018.164	35663.805	7.367	11.9	-5.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	6.48	22021.320	35562.098	7.740	12.5	-0.2	NO		NO	bb
4	4 181028M1_5	Standard	12.500	6.47	21912.443	36634.469	7.477	12.1	-3.6	NO		NO	bb
5	5 181028M1_6	Standard	12.500	6.48	22118.615	35236.242	7.847	12.6	1.2	NO		NO	bb
6	6 181028M1_7	Standard	12.500	6.46	22127.387	35617.848	7.766	12.5	0.2	NO		NO	bb
7	7 181028M1_8	Standard	12.500	6.46	21571.254	34783.324	7.752	12.5	-0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	6.45	19692.791	32742.672	7.518	12.1	-3.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	6.46	18252.211	29434.670	7.751	12.5	-0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	6.46	18350.309	25678.746	8.933	14.4	15.2	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: d5-N-ETFOSA

Response Factor: 0.0700407

RRF SD: 0.00442728, Relative SD: 6.32101

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	150.000	6.46	27480.002	36437.684	9.427	134.6	-10.3	NO		NO	bb
2	2 181028M1_3	Standard	150.000	6.45	28126.920	35663.805	9.858	140.8	-6.2	NO		NO	bb
3	3 181028M1_4	Standard	150.000	6.45	29742.535	35562.098	10.454	149.3	-0.5	NO		NO	bb
4	4 181028M1_5	Standard	150.000	6.45	30166.268	36634.469	10.293	147.0	-2.0	NO		NO	bb
5	5 181028M1_6	Standard	150.000	6.45	29934.322	35236.242	10.619	151.6	1.1	NO		NO	bb
6	6 181028M1_7	Standard	150.000	6.43	28819.158	35617.848	10.114	144.4	-3.7	NO		NO	bb
7	7 181028M1_8	Standard	150.000	6.43	29759.154	34783.324	10.694	152.7	1.8	NO		NO	bb
8	8 181028M1_9	Standard	150.000	6.43	28238.535	32742.672	10.780	153.9	2.6	NO		NO	bb
9	9 181028M1_10	Standard	150.000	6.43	25781.586	29434.670	10.949	156.3	4.2	NO		NO	bb
10	10 181028M1_11	Standard	150.000	6.43	24387.408	25678.746	11.871	169.5	13.0	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.698472

RRF SD: 0.0894757, Relative SD: 12.8102

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	5.000	6.81	8722.280	36437.684	2.992	4.3	-14.3	NO		NO	bb
2	2 181028M1_3	Standard	5.000	6.81	9023.121	35663.805	3.163	4.5	-9.4	NO		NO	bb
3	3 181028M1_4	Standard	5.000	6.81	9354.020	35562.098	3.288	4.7	-5.9	NO		NO	bb
4	4 181028M1_5	Standard	5.000	6.80	9481.656	36634.469	3.235	4.6	-7.4	NO		NO	bb
5	5 181028M1_6	Standard	5.000	6.80	9315.438	35236.242	3.305	4.7	-5.4	NO		NO	bb
6	6 181028M1_7	Standard	5.000	6.78	9454.295	35617.848	3.318	4.8	-5.0	NO		NO	bb
7	7 181028M1_8	Standard	5.000	6.79	10023.118	34783.324	3.602	5.2	3.1	NO		NO	bb
8	8 181028M1_9	Standard	5.000	6.78	9452.034	32742.672	3.608	5.2	3.3	NO		NO	bb
9	9 181028M1_10	Standard	5.000	6.79	9117.271	29434.670	3.872	5.5	10.9	NO		NO	bd
10	10 181028M1_11	Standard	5.000	6.79	9328.270	25678.746	4.541	6.5	30.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: d7-N-MeFOSE

Response Factor: 0.0415873

RRF SD: 0.00449112, Relative SD: 10.7993

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	181028M1_2	Standard	150.000	6.68	17217.898	36437.684	5.907	142.0	-5.3	NO		NO	bb
2	2	181028M1_3	Standard	150.000	6.67	16738.090	35663.805	5.867	141.1	-6.0	NO		NO	bb
3	3	181028M1_4	Standard	150.000	6.67	16910.607	35562.098	5.944	142.9	-4.7	NO		NO	bb
4	4	181028M1_5	Standard	150.000	6.67	16974.260	36634.469	5.792	139.3	-7.2	NO		NO	bb
5	5	181028M1_6	Standard	150.000	6.67	16914.930	35236.242	6.001	144.3	-3.8	NO		NO	bb
6	6	181028M1_7	Standard	150.000	6.65	16308.059	35617.848	5.723	137.6	-8.3	NO		NO	bb
7	7	181028M1_8	Standard	150.000	6.65	16962.805	34783.324	6.096	146.6	-2.3	NO		NO	bb
8	8	181028M1_9	Standard	150.000	6.65	16613.865	32742.672	6.343	152.5	1.7	NO		NO	bb
9	9	181028M1_10	Standard	150.000	6.65	15921.797	29434.670	6.761	162.6	8.4	NO		NO	bb
10	10	181028M1_11	Standard	150.000	6.65	16327.923	25678.746	7.948	191.1	27.4	NO		NO	bb

Compound name: d9-N-EtFOSE

Response Factor: 0.0411805

RRF SD: 0.00405048, Relative SD: 9.8359

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

	#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1	181028M1_2	Standard	150.000	6.83	16740.078	36437.684	5.743	139.5	-7.0	NO		NO	bb
2	2	181028M1_3	Standard	150.000	6.82	17170.676	35663.805	6.018	146.1	-2.6	NO		NO	bb
3	3	181028M1_4	Standard	150.000	6.82	16894.879	35562.098	5.939	144.2	-3.9	NO		NO	bb
4	4	181028M1_5	Standard	150.000	6.82	17179.332	36634.469	5.862	142.3	-5.1	NO		NO	bb
5	5	181028M1_6	Standard	150.000	6.82	16868.799	35236.242	5.984	145.3	-3.1	NO		NO	bb
6	6	181028M1_7	Standard	150.000	6.80	16286.911	35617.848	5.716	138.8	-7.5	NO		NO	bb
7	7	181028M1_8	Standard	150.000	6.80	16793.258	34783.324	6.035	146.5	-2.3	NO		NO	bb
8	8	181028M1_9	Standard	150.000	6.80	16215.553	32742.672	6.191	150.3	0.2	NO		NO	bb
9	9	181028M1_10	Standard	150.000	6.80	15310.689	29434.670	6.502	157.9	5.3	NO		NO	bb
10	10	181028M1_11	Standard	150.000	6.80	15986.802	25678.746	7.782	189.0	26.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 3.70074e-017, Relative SD: 3.70074e-015

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	1.28	17185.395	17185.395	12.500	12.5	0.0	NO		NO	bb
2	2 181028M1_3	Standard	12.500	1.28	16687.514	16687.514	12.500	12.5	0.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	1.27	16739.248	16739.248	12.500	12.5	0.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	1.27	17184.771	17184.771	12.500	12.5	0.0	NO		NO	bb
5	5 181028M1_6	Standard	12.500	1.28	17154.182	17154.182	12.500	12.5	0.0	NO		NO	db
6	6 181028M1_7	Standard	12.500	1.29	14850.619	14850.619	12.500	12.5	0.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	1.25	16081.631	16081.631	12.500	12.5	0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	1.26	15467.660	15467.660	12.500	12.5	0.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	1.23	15130.479	15130.479	12.500	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	1.26	14899.281	14899.281	12.500	12.5	0.0	NO		NO	MM

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 6.40988e-017, Relative SD: 6.40988e-015

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	3.44	32624.721	32624.721	12.500	12.5	0.0	NO		NO	bb
2	2 181028M1_3	Standard	12.500	3.43	32708.055	32708.055	12.500	12.5	0.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	3.43	31991.000	31991.000	12.500	12.5	0.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	3.43	32558.447	32558.447	12.500	12.5	0.0	NO		NO	bb
5	5 181028M1_6	Standard	12.500	3.43	32634.740	32634.740	12.500	12.5	0.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	3.42	31804.646	31804.646	12.500	12.5	0.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	3.42	31411.750	31411.750	12.500	12.5	0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	3.42	30786.098	30786.098	12.500	12.5	0.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	3.42	27371.705	27371.705	12.500	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	3.42	25707.453	25707.453	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 9.06493e-017, Relative SD: 9.06493e-015

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	4.24	3901.367	3901.367	12.500	12.5	0.0	NO		NO	bb
2	2 181028M1_3	Standard	12.500	4.24	3843.623	3843.623	12.500	12.5	0.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	4.24	3812.168	3812.168	12.500	12.5	0.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	4.24	4034.557	4034.557	12.500	12.5	0.0	NO		NO	bb
5	5 181028M1_6	Standard	12.500	4.24	3932.207	3932.207	12.500	12.5	0.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	4.22	3892.752	3892.752	12.500	12.5	0.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	4.22	3971.423	3971.423	12.500	12.5	0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	4.21	3723.010	3723.010	12.500	12.5	0.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	4.22	3220.354	3220.354	12.500	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	4.22	3063.661	3063.661	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

	# Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	4.58	37393.633	37393.633	12.500	12.5	0.0	NO		NO	bb
2	2 181028M1_3	Standard	12.500	4.58	37557.809	37557.809	12.500	12.5	0.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	4.58	37001.609	37001.609	12.500	12.5	0.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	4.58	38074.531	38074.531	12.500	12.5	0.0	NO		NO	bb
5	5 181028M1_6	Standard	12.500	4.58	38166.457	38166.457	12.500	12.5	0.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	4.56	37442.605	37442.605	12.500	12.5	0.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	4.56	36479.273	36479.273	12.500	12.5	0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	4.56	35863.293	35863.293	12.500	12.5	0.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	4.57	32726.996	32726.996	12.500	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	4.56	29866.854	29866.854	12.500	12.5	0.0	NO		NO	bb

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.03	28622.383	28622.383	12.500	12.5	0.0	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.02	28934.947	28934.947	12.500	12.5	0.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.02	28161.578	28161.578	12.500	12.5	0.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.02	28465.240	28465.240	12.500	12.5	0.0	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.02	28119.314	28119.314	12.500	12.5	0.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.00	29227.381	29227.381	12.500	12.5	0.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.00	28335.814	28335.814	12.500	12.5	0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	4.99	27564.445	27564.445	12.500	12.5	0.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.00	24264.922	24264.922	12.500	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.00	21978.150	21978.150	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 5.23364e-017, Relative SD: 5.23364e-015

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.11	4068.402	4068.402	12.500	12.5	0.0	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.11	4344.593	4344.593	12.500	12.5	0.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.11	4370.669	4370.669	12.500	12.5	0.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.10	4480.366	4480.366	12.500	12.5	0.0	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.11	4416.156	4416.156	12.500	12.5	0.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.09	4342.750	4342.750	12.500	12.5	0.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.09	4220.910	4220.910	12.500	12.5	0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.08	4058.276	4058.276	12.500	12.5	0.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.09	3541.554	3541.554	12.500	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.09	3347.448	3347.448	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
 Printed: Sunday, October 28, 2018 12:50:40 Pacific Daylight Time

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 9.79125e-017, Relative SD: 9.79125e-015

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.40	30225.514	30225.514	12.500	12.5	0.0	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.40	31833.787	31833.787	12.500	12.5	0.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.40	30947.846	30947.846	12.500	12.5	0.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.40	31506.436	31506.436	12.500	12.5	0.0	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.40	31172.016	31172.016	12.500	12.5	0.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.38	30846.068	30846.068	12.500	12.5	0.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.38	31503.145	31503.145	12.500	12.5	0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.38	29272.684	29272.684	12.500	12.5	0.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.38	26056.150	26056.150	12.500	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.38	23049.922	23049.922	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C7-PFUdA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 181028M1_2	Standard	12.500	5.73	36437.684	36437.684	12.500	12.5	0.0	NO		NO	bb
2	2 181028M1_3	Standard	12.500	5.73	35663.805	35663.805	12.500	12.5	0.0	NO		NO	bb
3	3 181028M1_4	Standard	12.500	5.73	35562.098	35562.098	12.500	12.5	0.0	NO		NO	bb
4	4 181028M1_5	Standard	12.500	5.72	36634.469	36634.469	12.500	12.5	0.0	NO		NO	bb
5	5 181028M1_6	Standard	12.500	5.73	35236.242	35236.242	12.500	12.5	0.0	NO		NO	bb
6	6 181028M1_7	Standard	12.500	5.71	35617.848	35617.848	12.500	12.5	0.0	NO		NO	bb
7	7 181028M1_8	Standard	12.500	5.71	34783.324	34783.324	12.500	12.5	0.0	NO		NO	bb
8	8 181028M1_9	Standard	12.500	5.71	32742.672	32742.672	12.500	12.5	0.0	NO		NO	bb
9	9 181028M1_10	Standard	12.500	5.71	29434.670	29434.670	12.500	12.5	0.0	NO		NO	bb
10	10 181028M1_11	Standard	12.500	5.71	25678.746	25678.746	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:51:00 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	36	0.9995	NO	
2	2 PFPeA	37	0.9997	NO	
3	3 PFBS	38	0.9991	NO	
4	4 4:2 FTS	39	0.9987	NO	
5	5 PFHxA	40	0.9991	NO	
6	6 PFPeS	38	0.9997	NO	
7	7 PFHpA	41	0.9993	NO	
8	8 L-PFHxS	42	0.9996	NO	
9	10 6:2 FTS	43	0.9997	NO	
10	11 L-PFOA	44	0.9995	NO	
11	13 PFHpS	47	0.9999	NO	
12	14 PFNA	45	0.9978	NO	
13	15 PFOSA	46	0.9996	NO	
14	16 L-PFOS	47	0.9992	NO	
15	18 PFDA	48	0.9991	NO	
16	19 8:2 FTS	49	0.9981	NO	
17	20 PFNS	47	0.9994	NO	
18	21 L-MeFOSAA	50	0.9995	NO	
19	23 L-EtFOSAA	52	0.9994	NO	

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:51:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	51	0.9996	NO	
2	26 PFDS	47	0.9993	NO	
3	27 PFDoA	53	0.9997	NO	
4	28 N-MeFOSA	54	0.9997	NO	
5	29 PFTrDA	53	0.9997	NO	
6	30 PFTeDA	55	0.9991	NO	
7	31 N-EtFOSA	56	0.9997	NO	
8	32 PFHxDA	57	0.9999	NO	
9	33 PFODA	57	0.9997	NO	
10	34 N-MeFOSE	58	0.9997	NO	
11	35 N-EtFOSE	59	0.9995	NO	
12	36 13C3-PFBA	60		NO	1.382
13	37 13C3-PFPeA	61		NO	2.958
14	38 13C3-PFBS	62		NO	2.588
15	39 13C2-4:2 FTS	62		NO	9.367
16	40 13C2-PFHxA	61		NO	2.452
17	41 13C4-PFHpA	61		NO	1.053
18	42 18O2-PFHxS	62		NO	3.381
19	43 13C2-6:2 FTS	65		NO	14.701
20	44 13C2-PFOA	63		NO	1.411
21	45 13C5-PFNA	64		NO	2.861
22	46 13C8-PFOSA	67		NO	3.905
23	47 13C8-PFOS	65		NO	2.269
24	48 13C2-PFDA	66		NO	2.260
25	49 13C2-8:2 FTS	65		NO	13.035
26	50 d3-N-MeFOSAA	67		NO	6.916
27	51 13C2-PFUdA	67		NO	4.004
28	52 d5-N-EtFOSAA	67		NO	4.504
29	53 13C2-PFDoA	66		NO	3.375
30	54 d3-N-MeFOSA	67		NO	8.980
31	55 13C2-PFTeDA	67		NO	5.791

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:51:07 Pacific Daylight Time

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

#	Name	IS#	CoD	CoD Flag	%RSD
32	56 d5-N-ETFOSA	67		NO	6.321
33	57 13C2-PFHxDA	67		NO	12.810
34	58 d7-N-MeFOSE	67		NO	10.799
35	59 d9-N-EiFOSE	67		NO	9.836
36	60 13C4-PFBA	60		NO	0.000
37	61 13C5-PFHxA	61		NO	0.000
38	62 13C3-PFHxS	62		NO	0.000
39	63 13C8-PFOA	63		NO	0.000
40	64 13C9-PFNA	64		NO	0.000
41	65 13C4-PFOS	65		NO	0.000
42	66 13C6-PFDA	66		NO	0.000
43	67 13C7-PFUdA	67		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:02 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181028M1_7, Date: 28-Oct-2018, Time: 11:12:54, ID: ST181028M1-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.708	NO
4	4:2 FTS	1.724	NO
5	PFHxA	15.415	NO
6	PFPeS	1.576	NO
7	PFHpA	15.422	NO
8	L-PFHxS	1.656	NO
9	6:2 FTS	3.059	NO
10	L-PFOA	3.471	NO
11	PFHpS	1.758	NO
12	PFNA	4.714	NO
13	PFOSA	34.870	NO
14	L-PFOS	1.849	NO
15	PFDA	5.710	NO
16	8:2 FTS	2.510	NO
17	PFNS	1.701	NO
18	L-MeFOSAA	2.598	NO
19	L-EtFOSAA	1.459	NO

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:50:08 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181028M1_7, Date: 28-Oct-2018, Time: 11:12:54, ID: ST181028M1-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

	Name	Ion Ratio	Ratio out?
1	PFUdA	10.537	NO
2	PFDS	1.563	NO
3	PFDoA	9.540	NO
4	N-MeFOSA	1.366	NO
5	PFTTrDA	27.031	NO
6	PFTeDA	13.695	NO
7	N-EtFOSA	1.497	NO
8	PFHxDA	26.481	NO
9	PFODA		
10	N-MeFOSE		
11	N-EtFOSE		

Dataset: Untitled

Last Altered: Sunday, October 28, 2018 12:57:06 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:58:11 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Compound name: PFBA

	# Name	ID	Acq.Date	Acq.Time
1	1 181028M1_1	IPA	28-Oct-18	10:09:19
2	2 181028M1_2	ST181028M1-1 PFC CS-2 18J1815	28-Oct-18	10:19:53
3	3 181028M1_3	ST181028M1-2 PFC CS-1 18J1816	28-Oct-18	10:30:31
4	4 181028M1_4	ST181028M1-3 PFC CS0 18J1817	28-Oct-18	10:41:05
5	5 181028M1_5	ST181028M1-4 PFC CS1 18J1818	28-Oct-18	10:51:43
6	6 181028M1_6	ST181028M1-5 PFC CS2 18J1819	28-Oct-18	11:02:16
7	7 181028M1_7	ST181028M1-6 PFC CS3 18J1820	28-Oct-18	11:12:54
8	8 181028M1_8	ST181028M1-7 PFC CS4 18J1821	28-Oct-18	11:23:27
9	9 181028M1_9	ST181028M1-8 PFC CS5 18J1822	28-Oct-18	11:34:05
10	10 181028M1_10	ST181028M1-9 PFC CS6 18J1823	28-Oct-18	11:44:38
11	11 181028M1_11	ST181028M1-10 PFC CS7 18J1824	28-Oct-18	11:55:16
12	12 181028M1_12	IPA	28-Oct-18	12:05:48
13	13 181028M1_13	ICV181028M1-1 PFC ICV 18J1825	28-Oct-18	12:16:27
14	14 181028M1_14	IPA	28-Oct-18	12:27:05

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

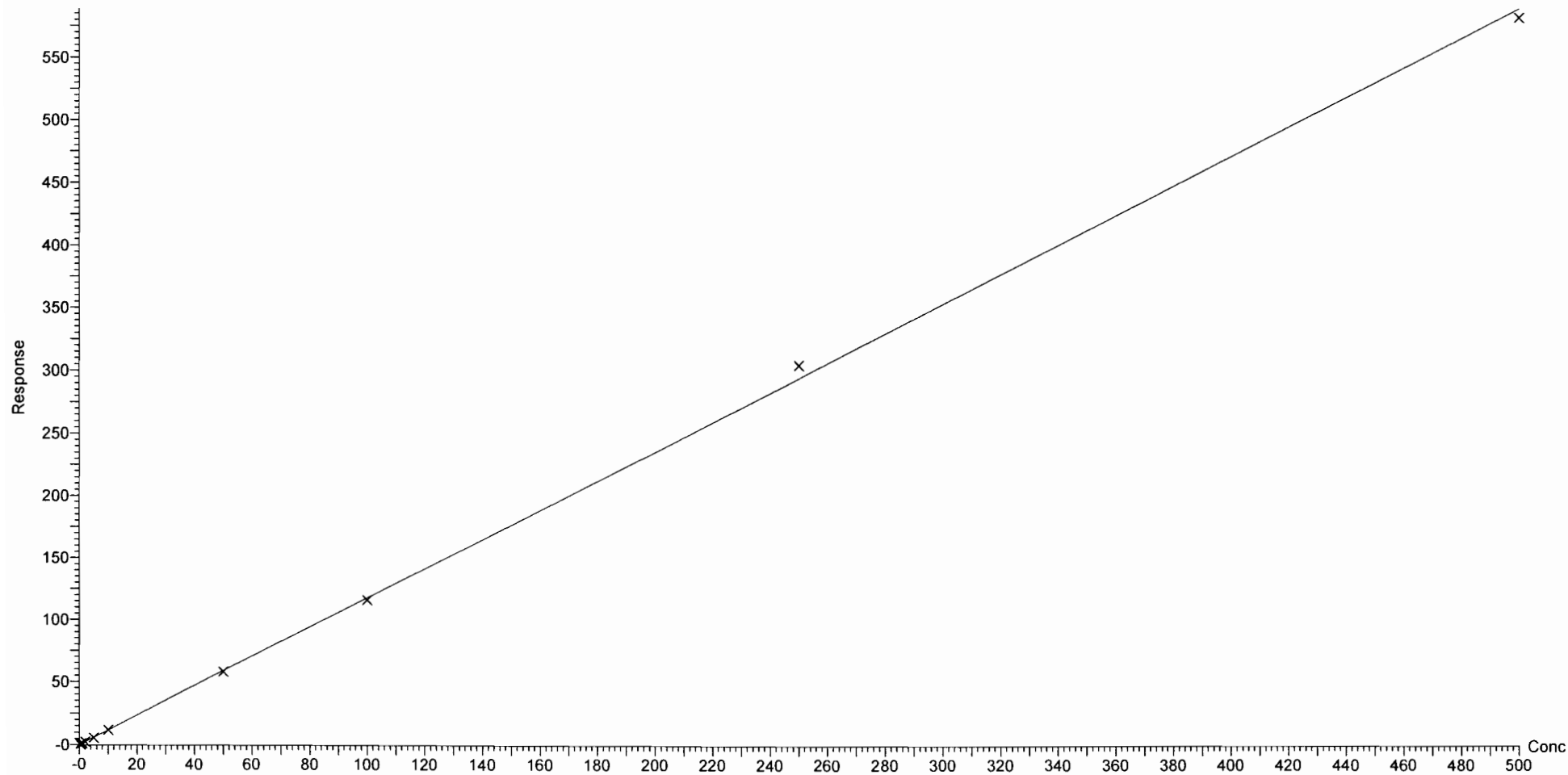
Compound name: PFBA

Correlation coefficient: $r = 0.999763$, $r^2 = 0.999527$

Calibration curve: $1.177 * x + -0.0110384$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

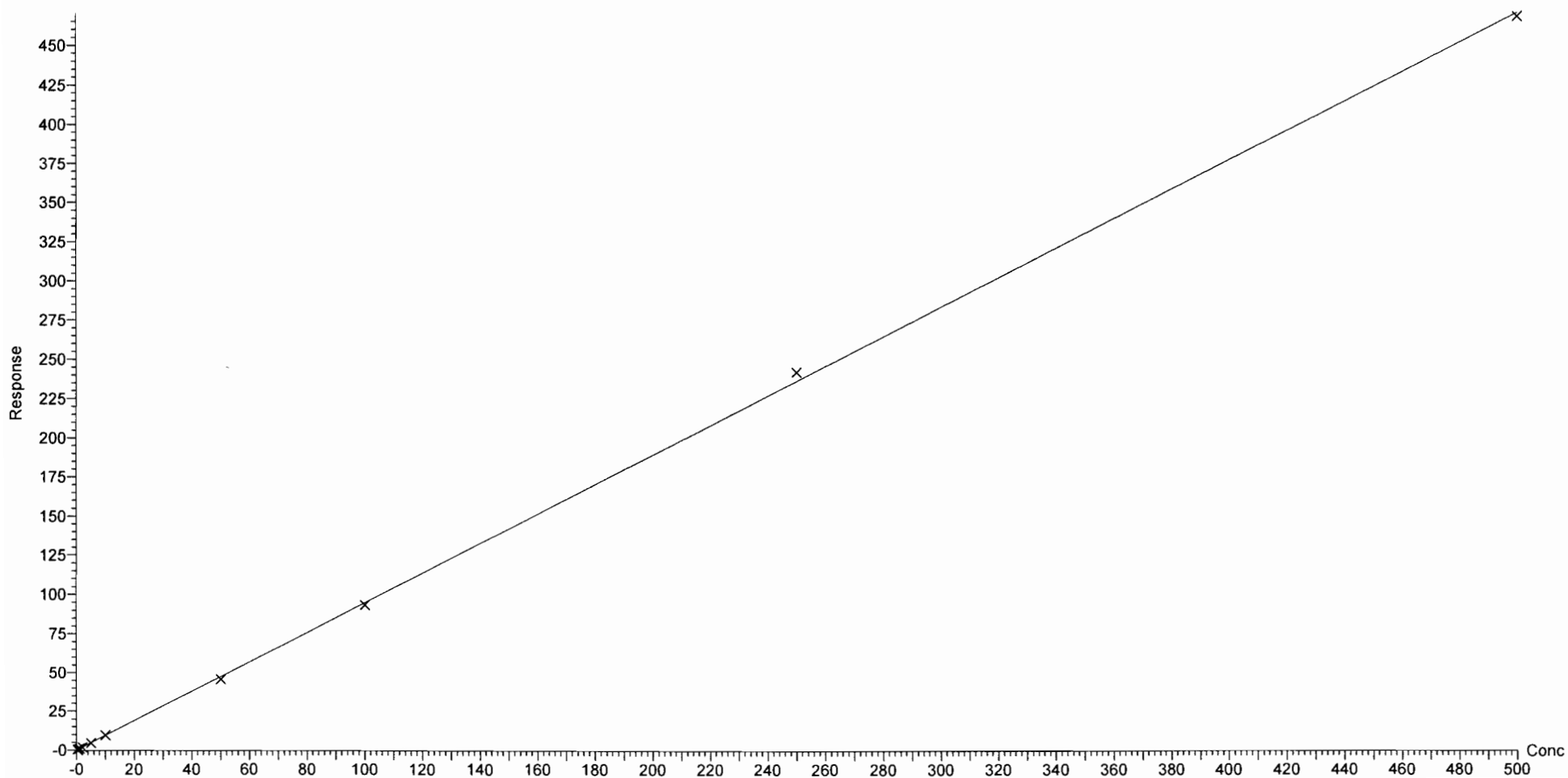
Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999710$

Calibration curve: $-2.08125e-005 * x^2 + 0.950298 * x + -0.0130815$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

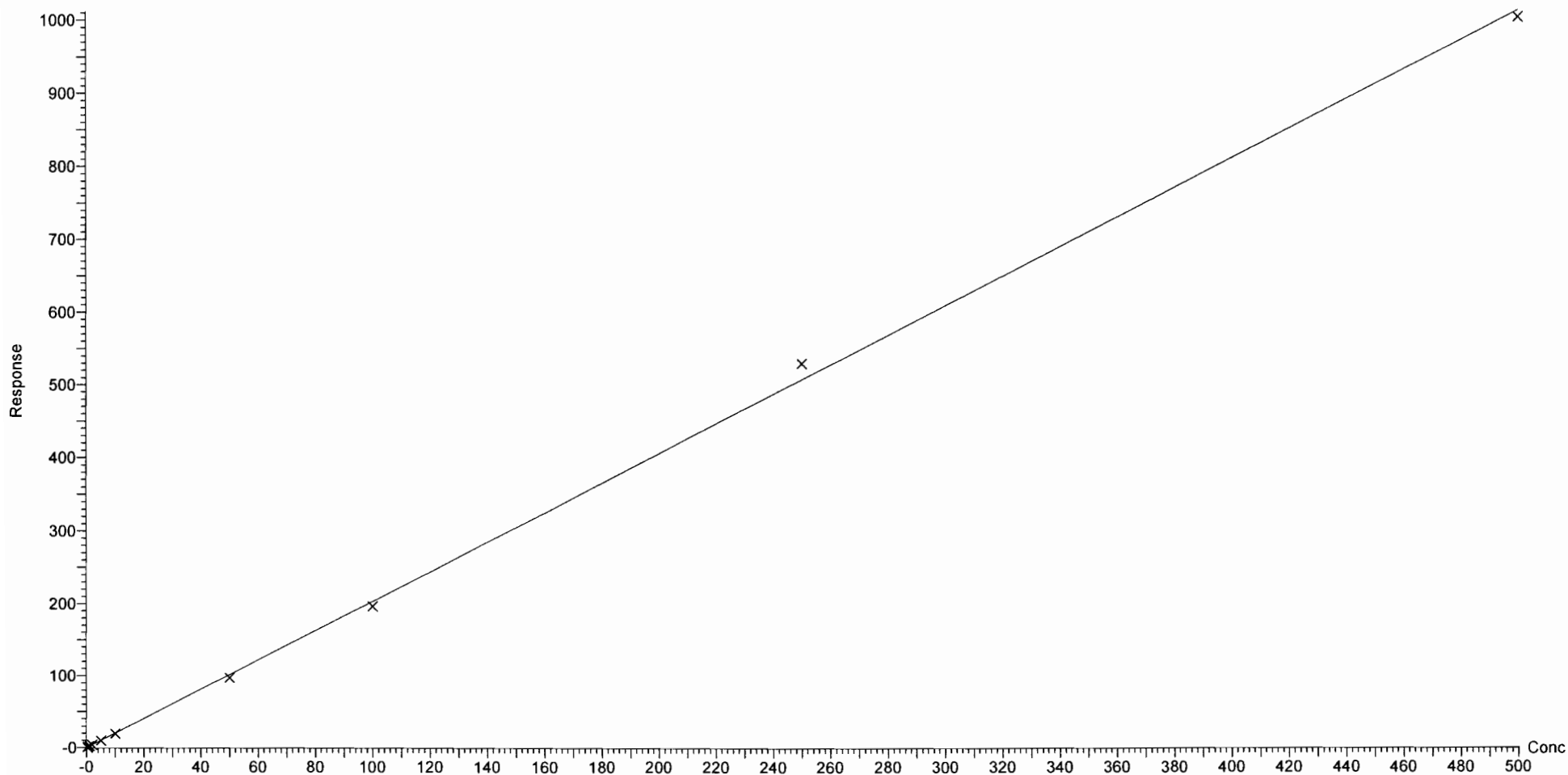
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999101$

Calibration curve: $-2.342e-005 * x^2 + 2.0353 * x + -0.0846923$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

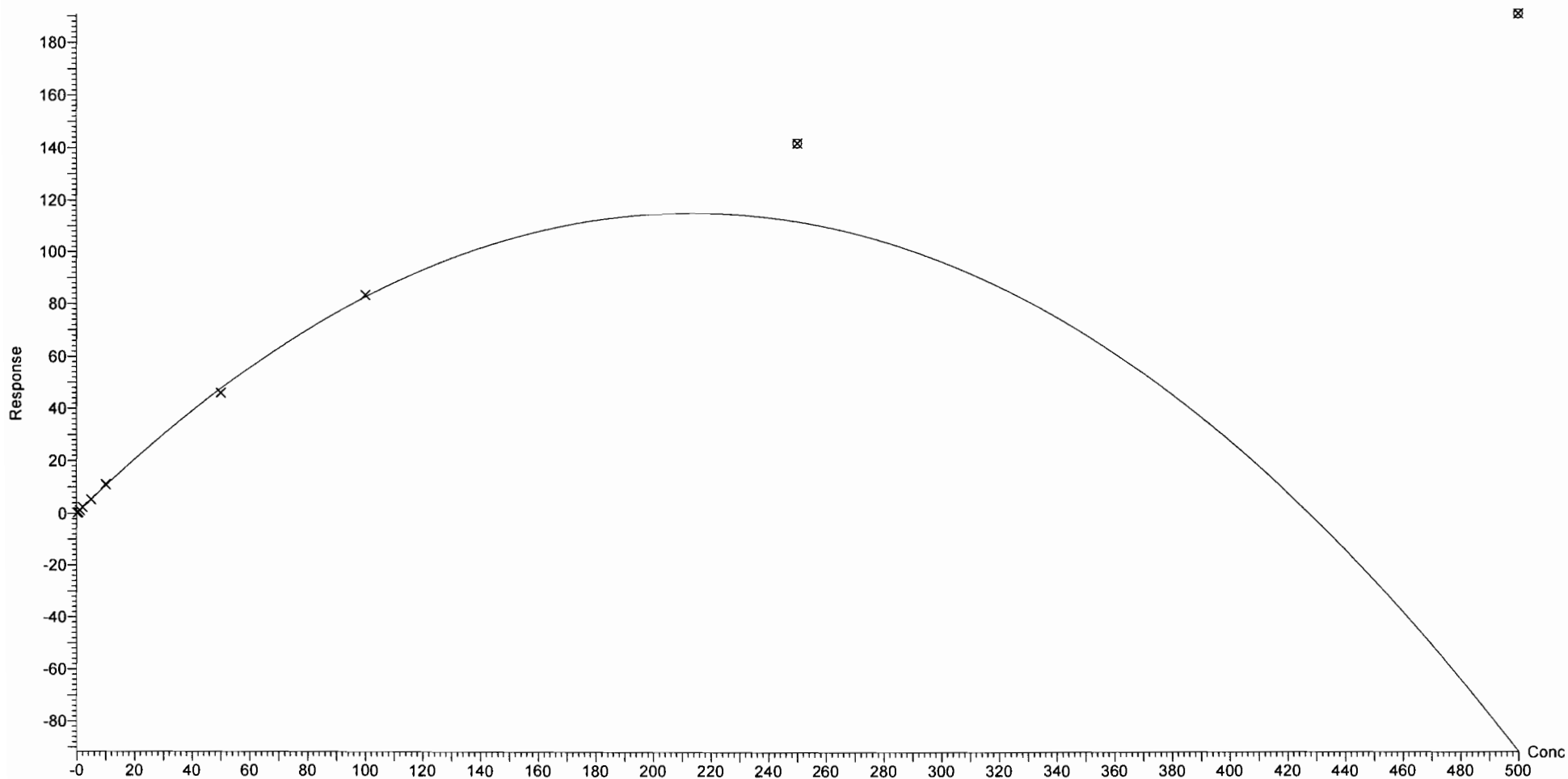
Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.998708$

Calibration curve: $-0.00252095 * x^2 + 1.07742 * x + 0.0417613$

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

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

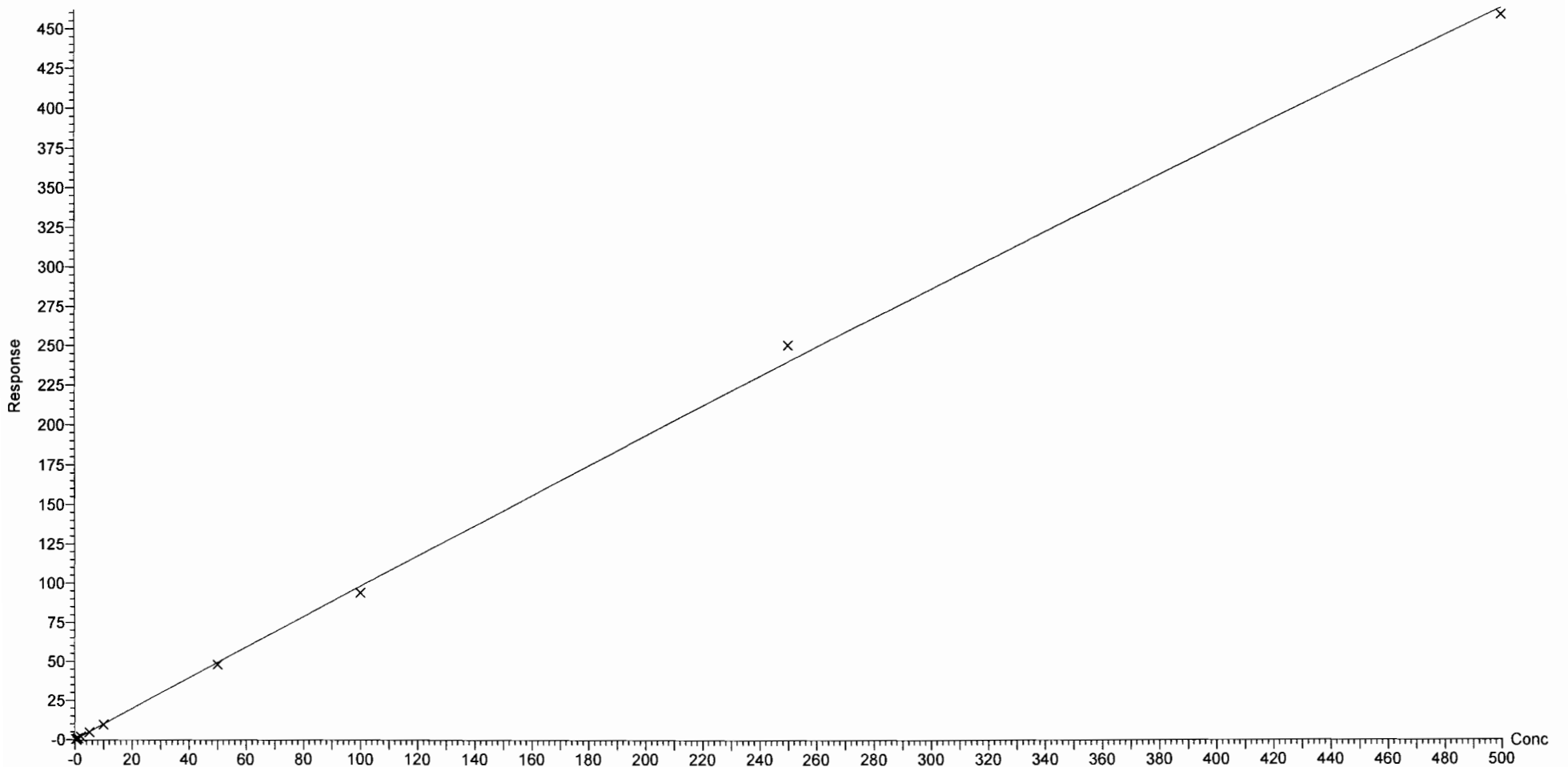


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

Compound name: PFHxA
Coefficient of Determination: $R^2 = 0.999110$
Calibration curve: $-0.00013875 * x^2 + 0.993302 * x + -0.0286334$
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

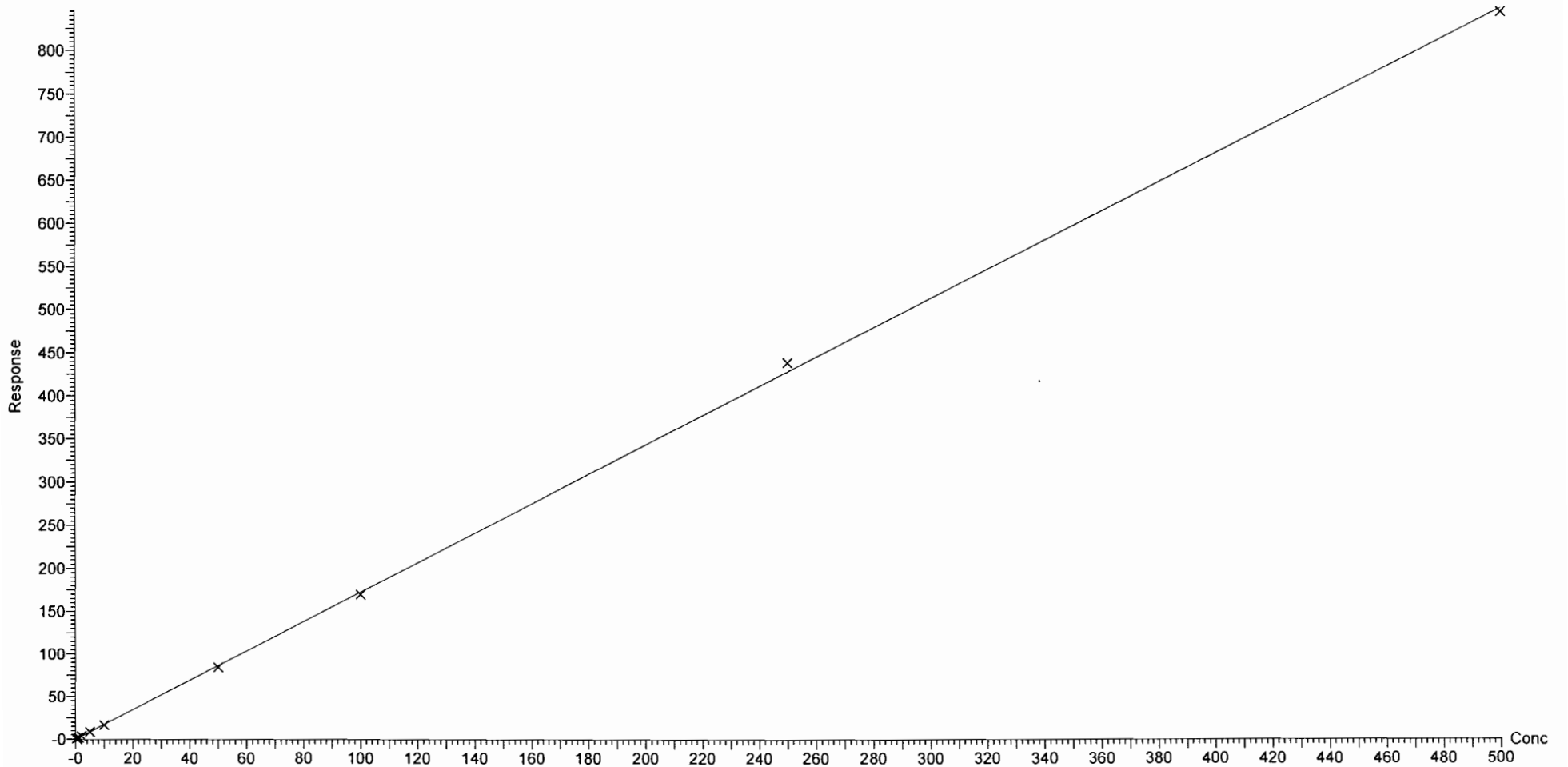


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

Compound name: PFPeS
Coefficient of Determination: $R^2 = 0.999724$
Calibration curve: $-7.48749e-005 * x^2 + 1.72989 * x + -0.013904$
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

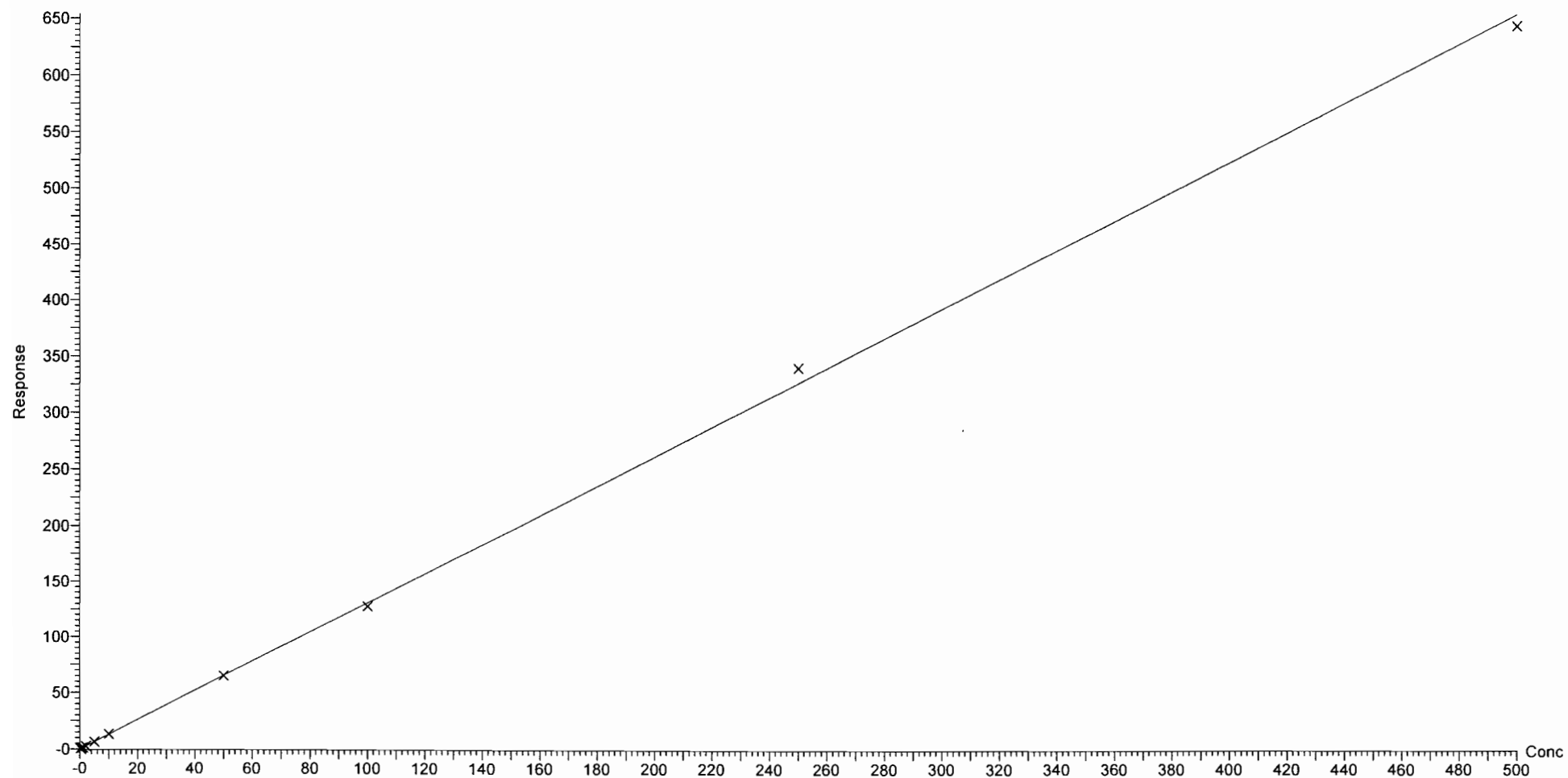
Compound name: PFHpA

Correlation coefficient: $r = 0.999659$, $r^2 = 0.999319$

Calibration curve: $1.30721 * x + 0.0128232$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

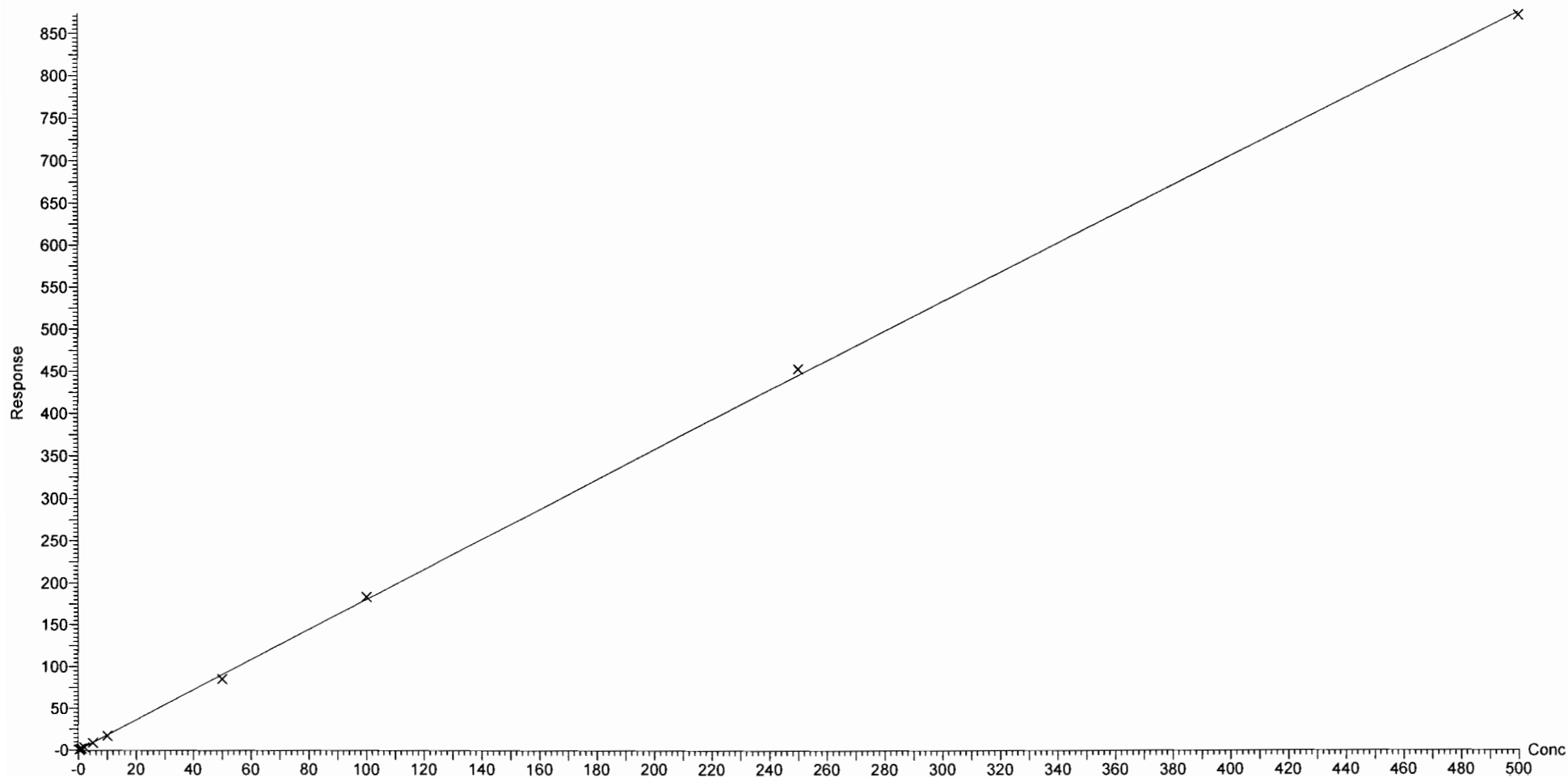
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999595$

Calibration curve: $-0.000141364 * x^2 + 1.81721 * x + -0.0743879$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

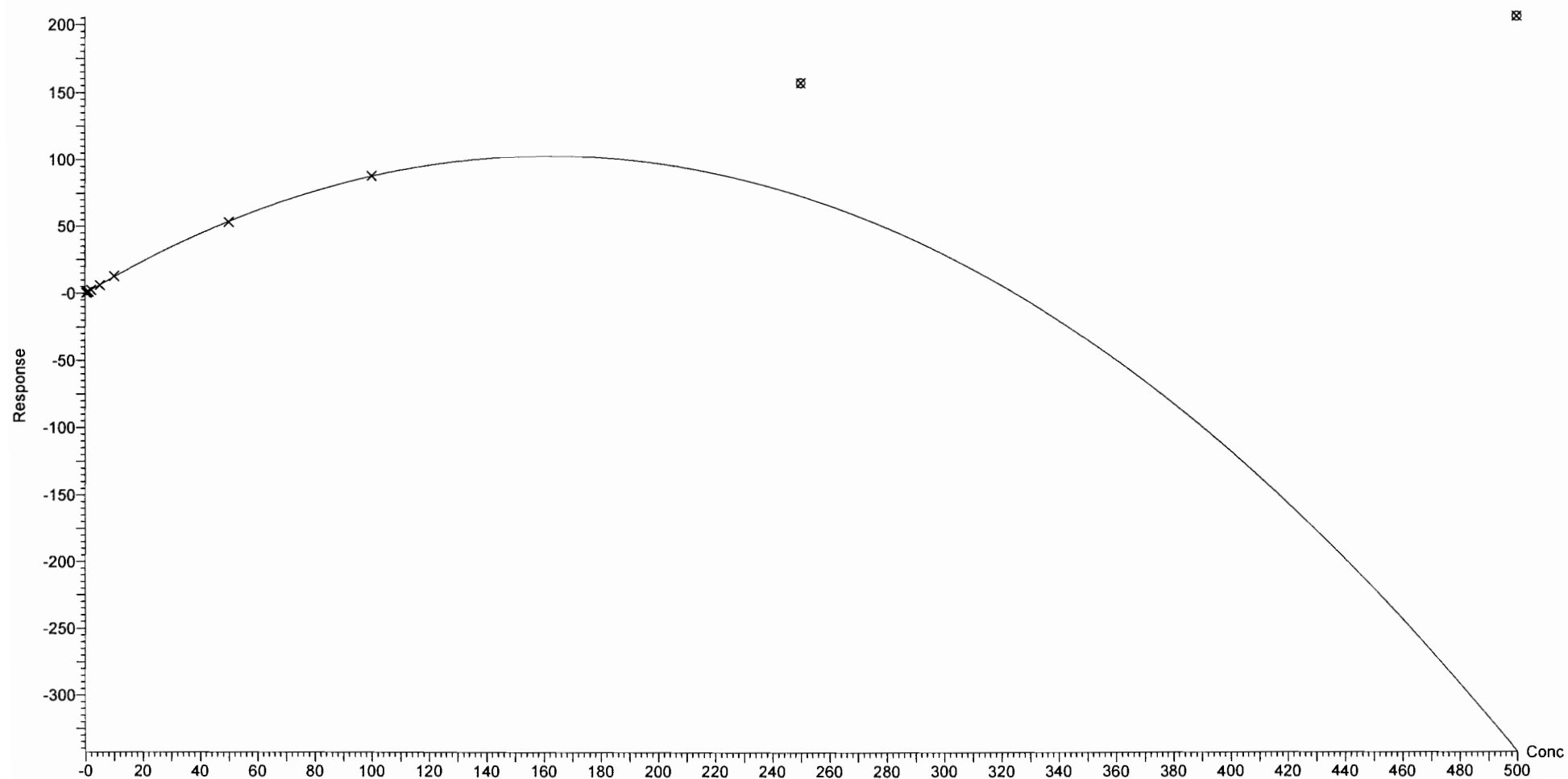
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.999696$

Calibration curve: $-0.00390844 * x^2 + 1.26906 * x + -0.0185132$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

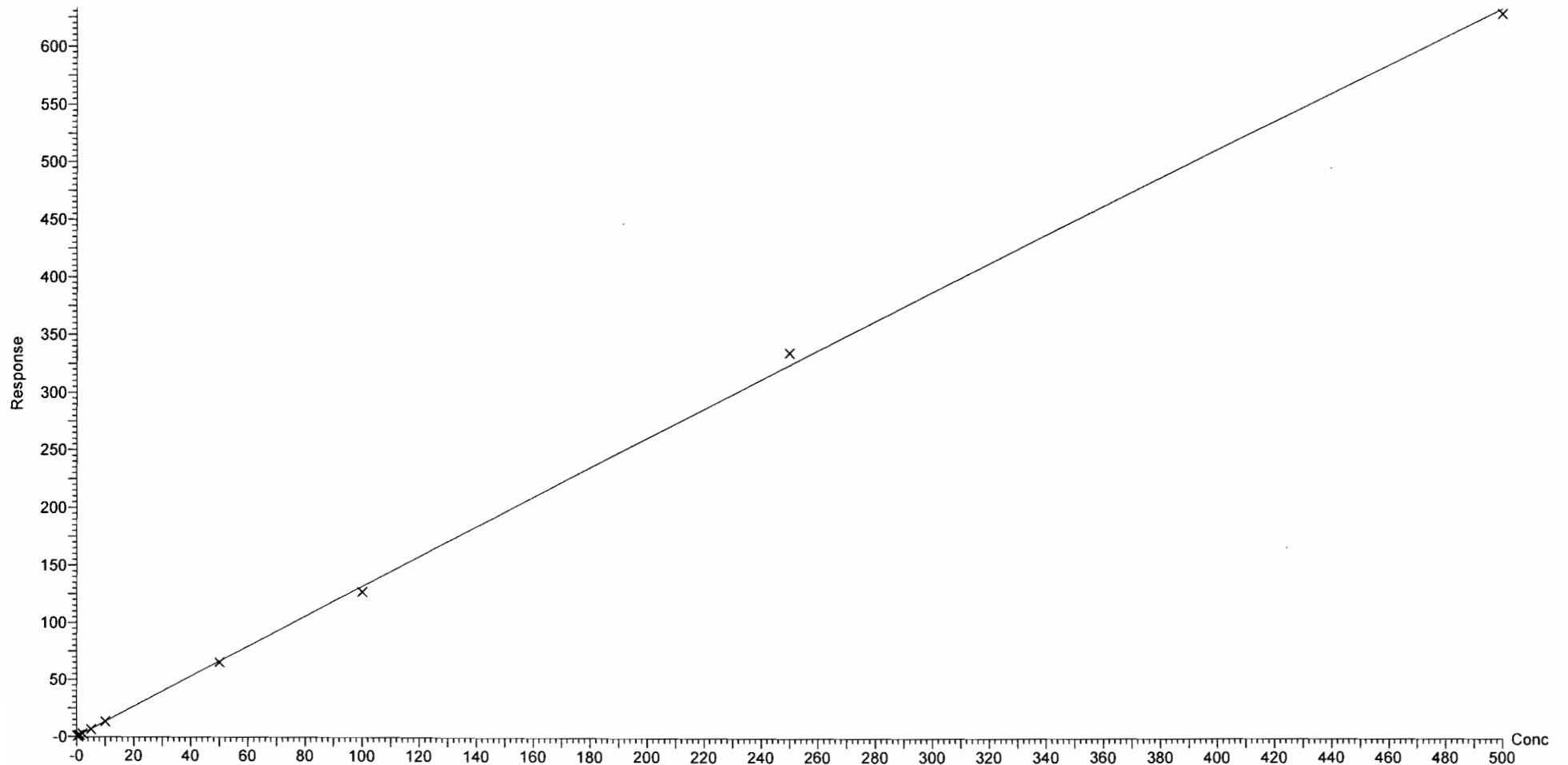
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

Compound name: L-PFOA
Coefficient of Determination: $R^2 = 0.999479$
Calibration curve: $-0.000133845 * x^2 + 1.33238 * x + 0.0662701$
Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

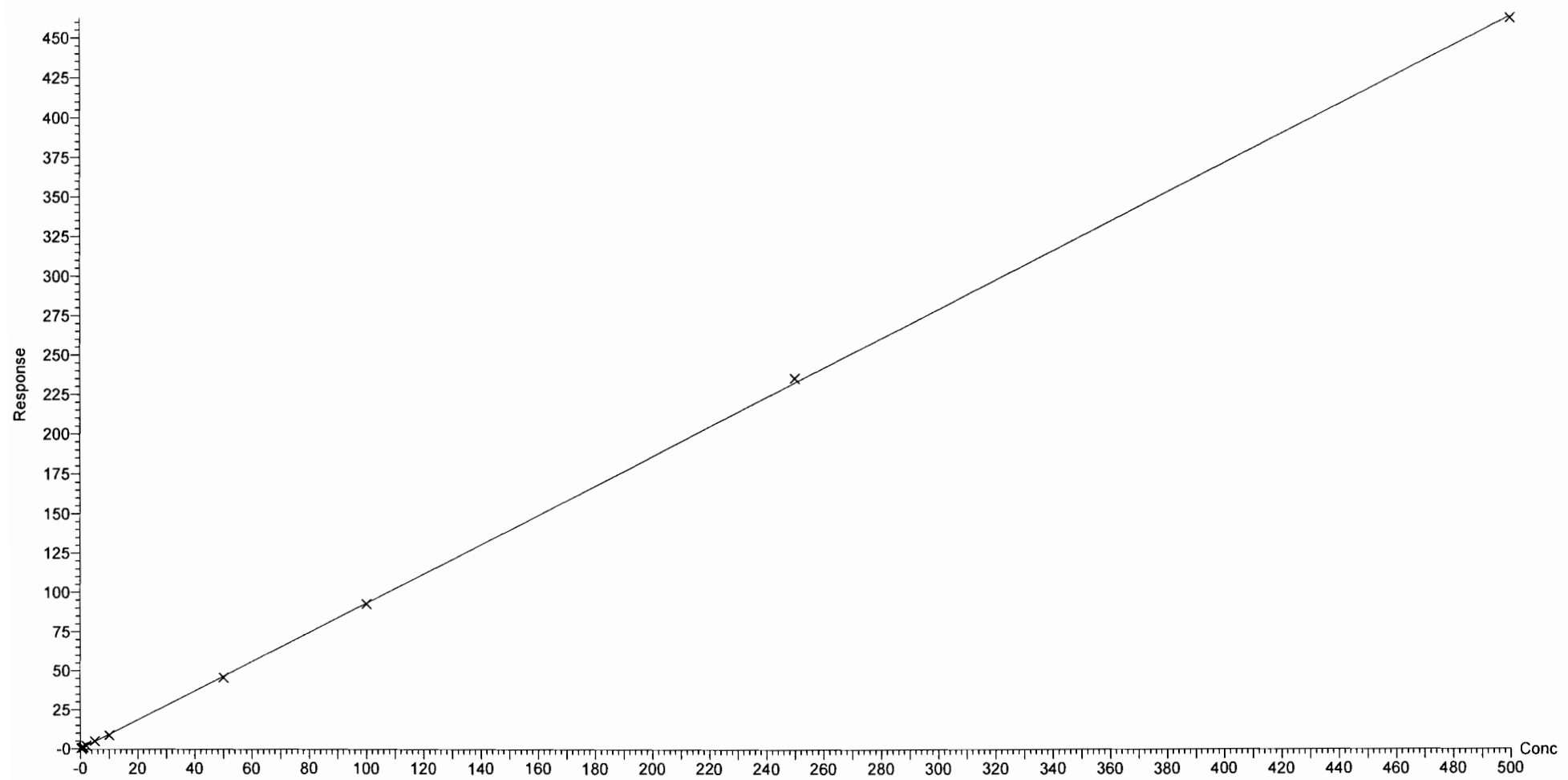


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

Compound name: PFHpS
Coefficient of Determination: $R^2 = 0.999878$
Calibration curve: $-1.48758e-005 * x^2 + 0.933119 * x + -0.0485227$
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

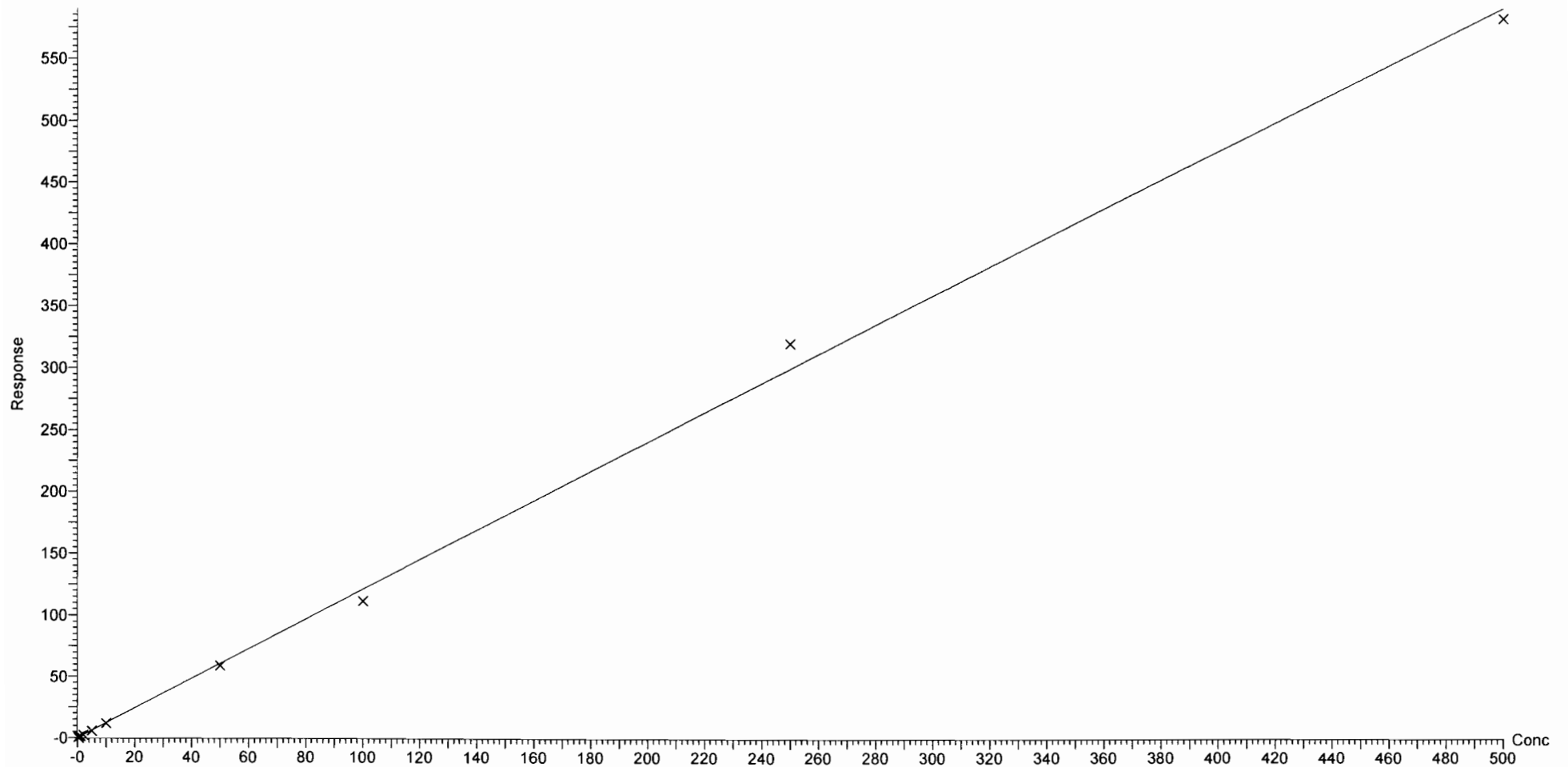
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.997768$

Calibration curve: $-8.01992e-005 * x^2 + 1.21946 * x + -0.0262021$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

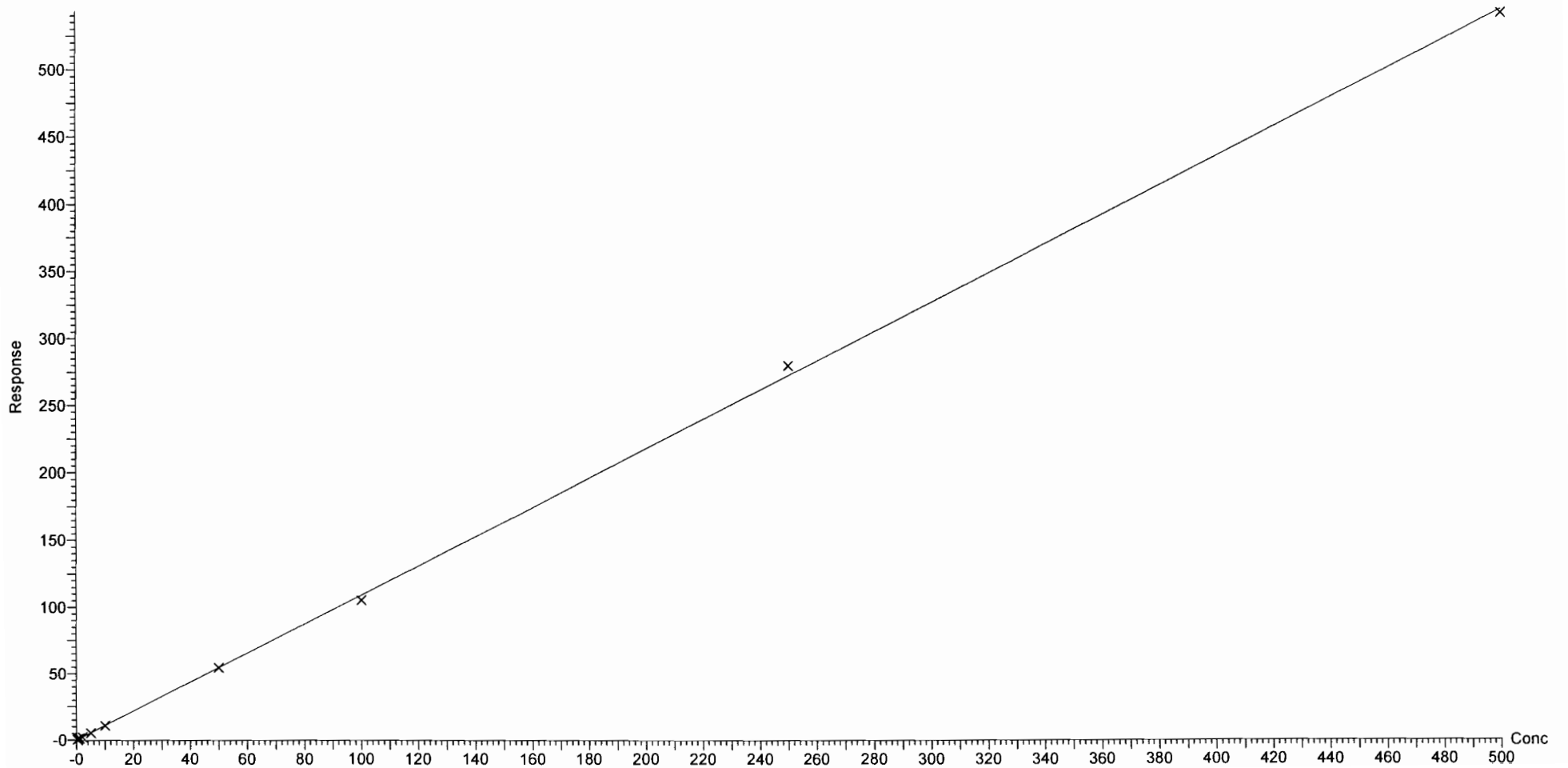
Compound name: PFOSA

Coefficient of Determination: $R^2 = 0.999604$

Calibration curve: $-7.37072e-006 * x^2 + 1.09011 * x + 0.041788$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

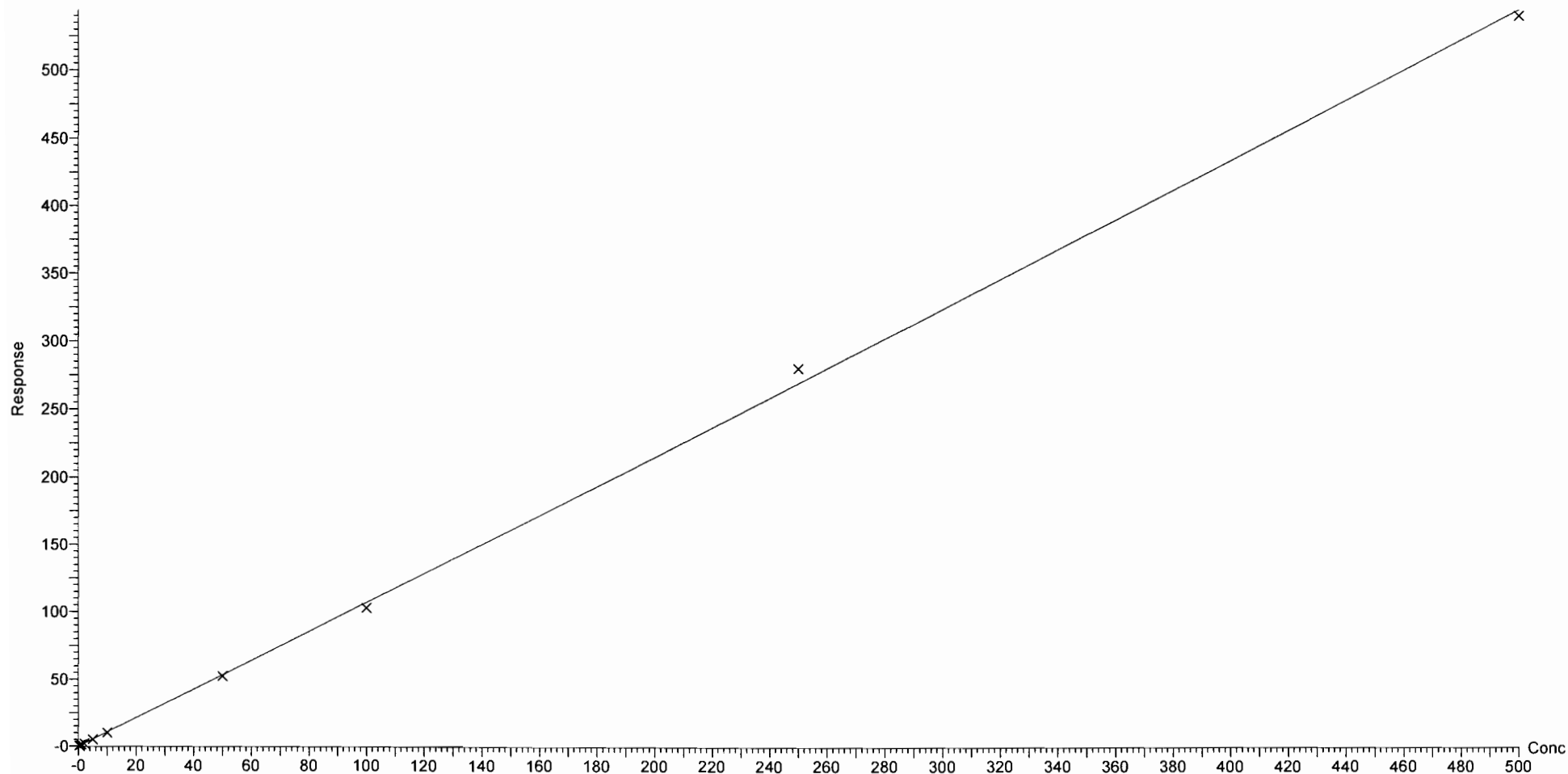
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999233$

Calibration curve: $4.22005e-005 * x^2 + 1.06753 * x + -0.0329624$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

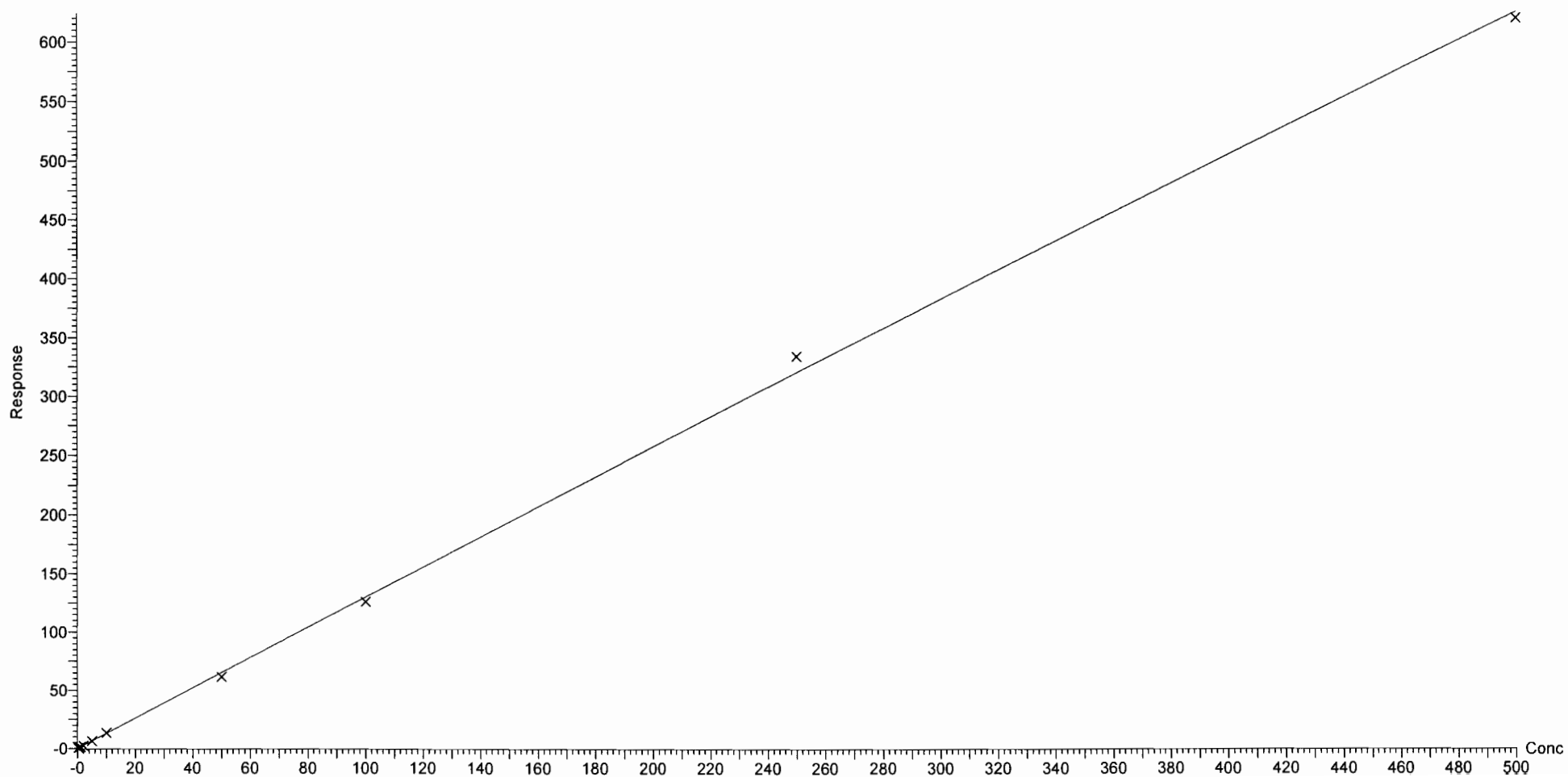
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999132$

Calibration curve: $-0.000130933 * x^2 + 1.31403 * x + -0.0386919$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

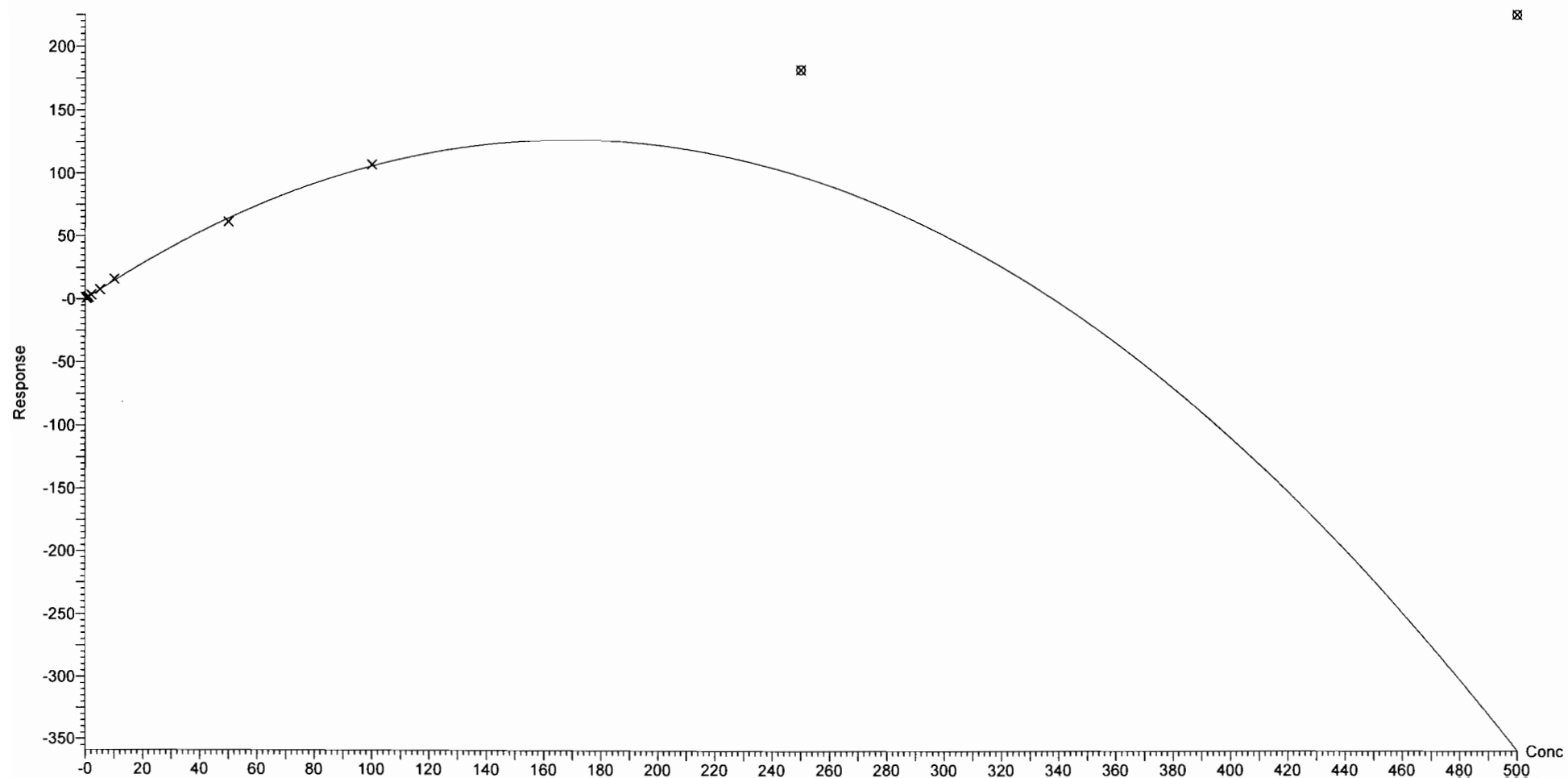
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.998073$

Calibration curve: $-0.00444351 * x^2 + 1.50437 * x + 0.10015$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

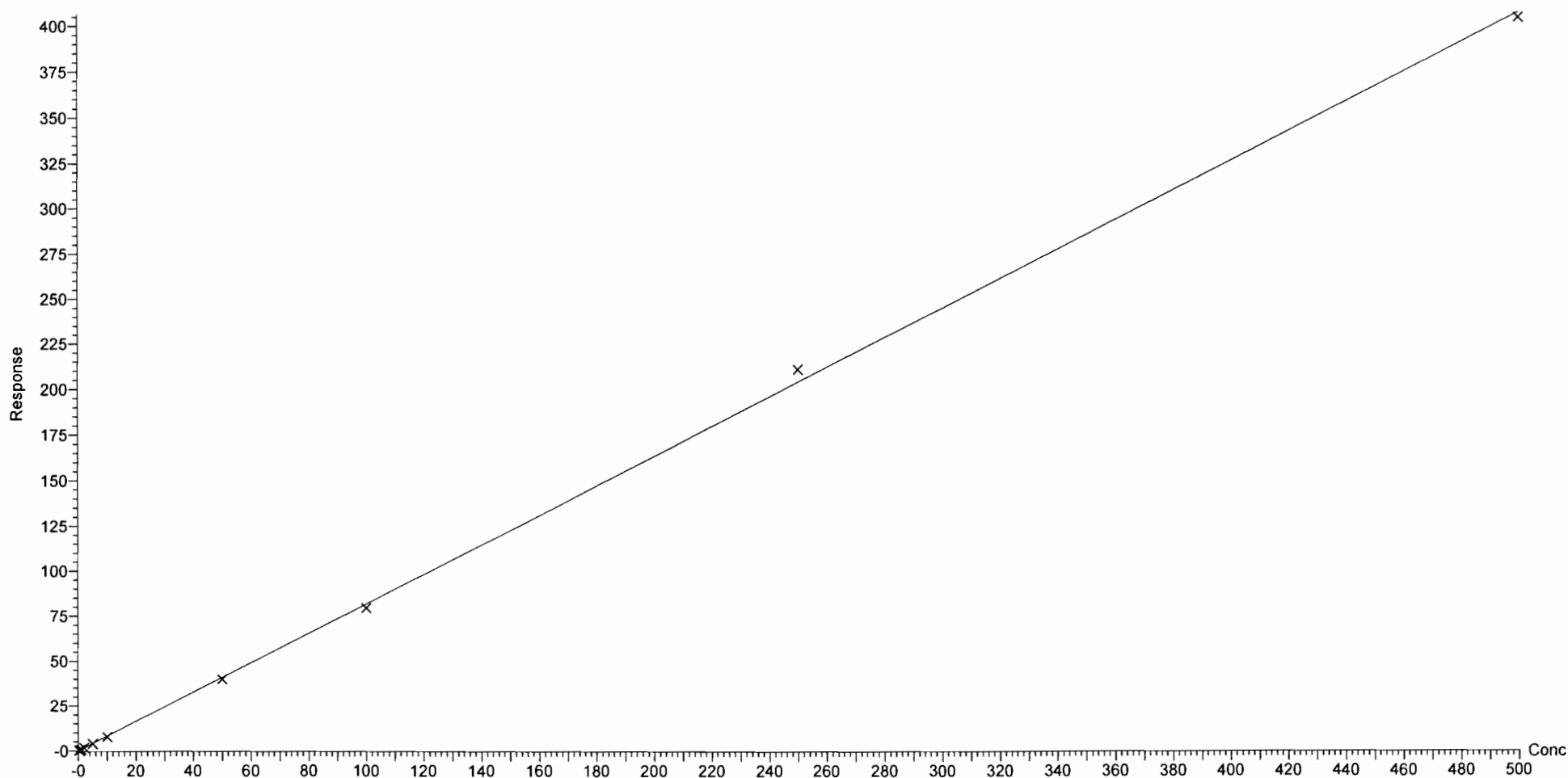
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999414$

Calibration curve: $-1.24179e-005 * x^2 + 0.819395 * x + -0.0103634$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

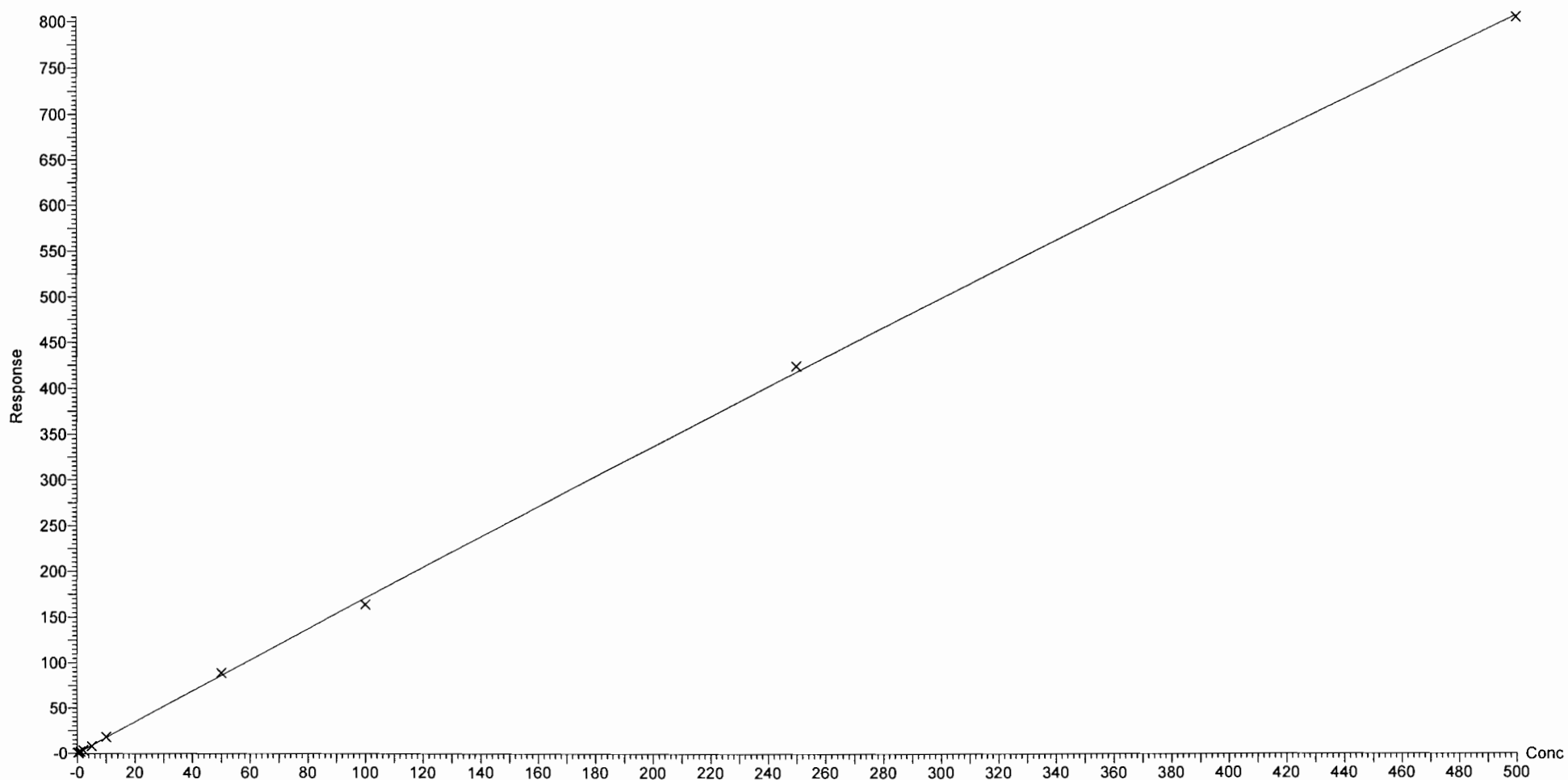
Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.999536$

Calibration curve: $-0.000244488 * x^2 + 1.73264 * x + -0.00206692$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:22 Pacific Daylight Time

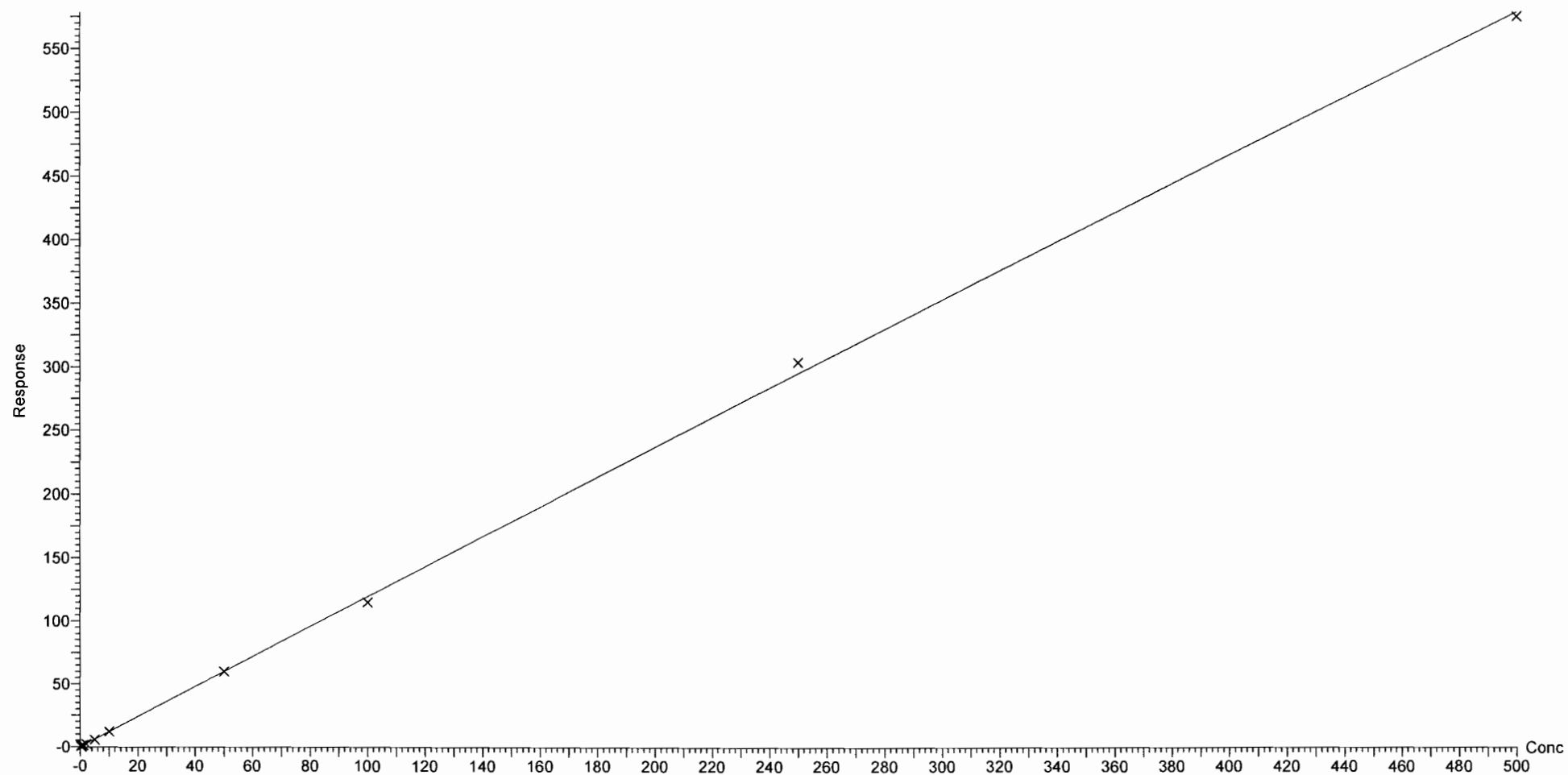
Compound name: L-EtFOSAA

Coefficient of Determination: $R^2 = 0.999441$

Calibration curve: $-9.88997e-005 * x^2 + 1.20586 * x + -0.085728$

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\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

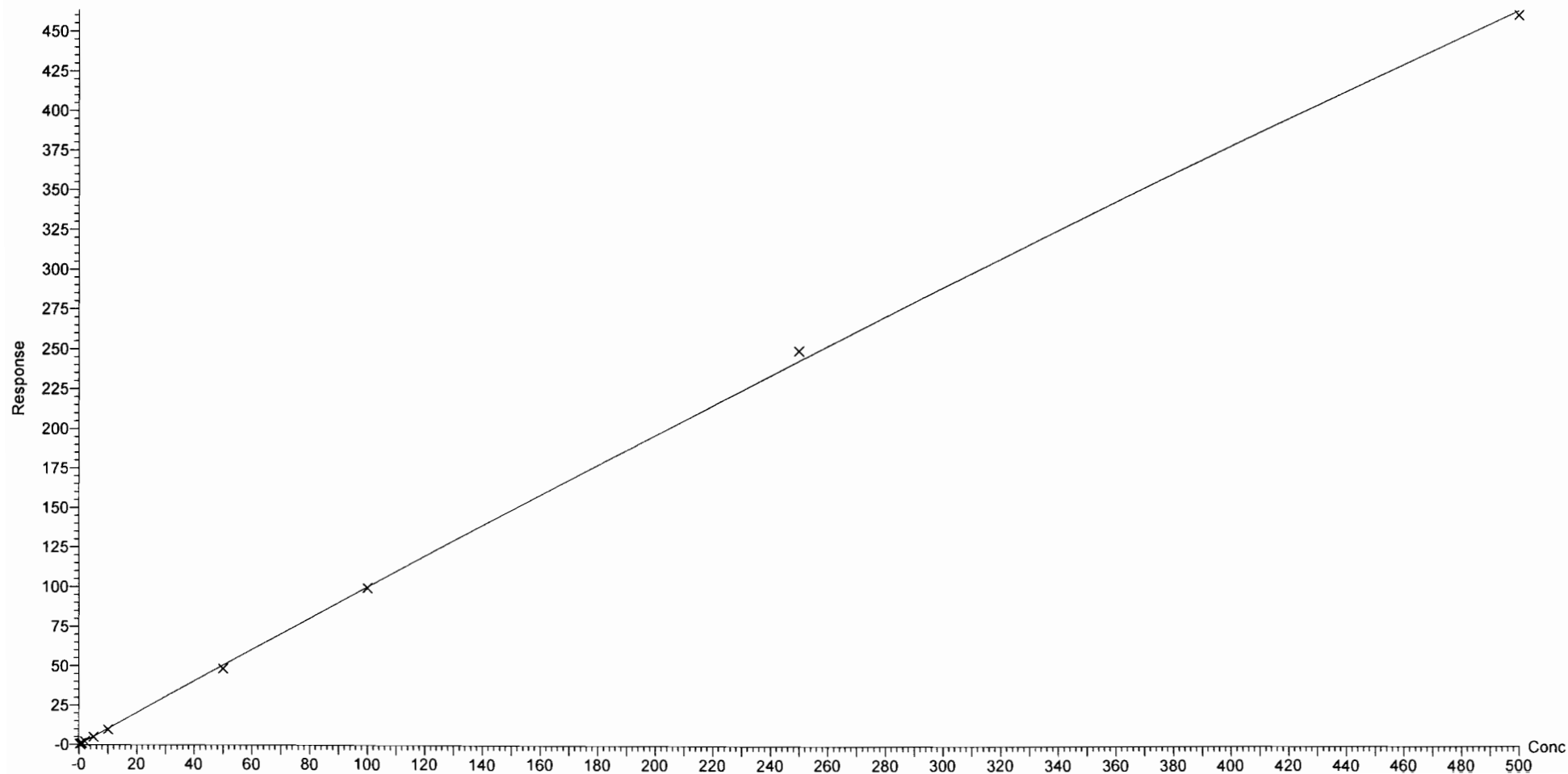
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.999596$

Calibration curve: $-0.000186065 * x^2 + 1.01915 * x + 0.0322047$

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

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

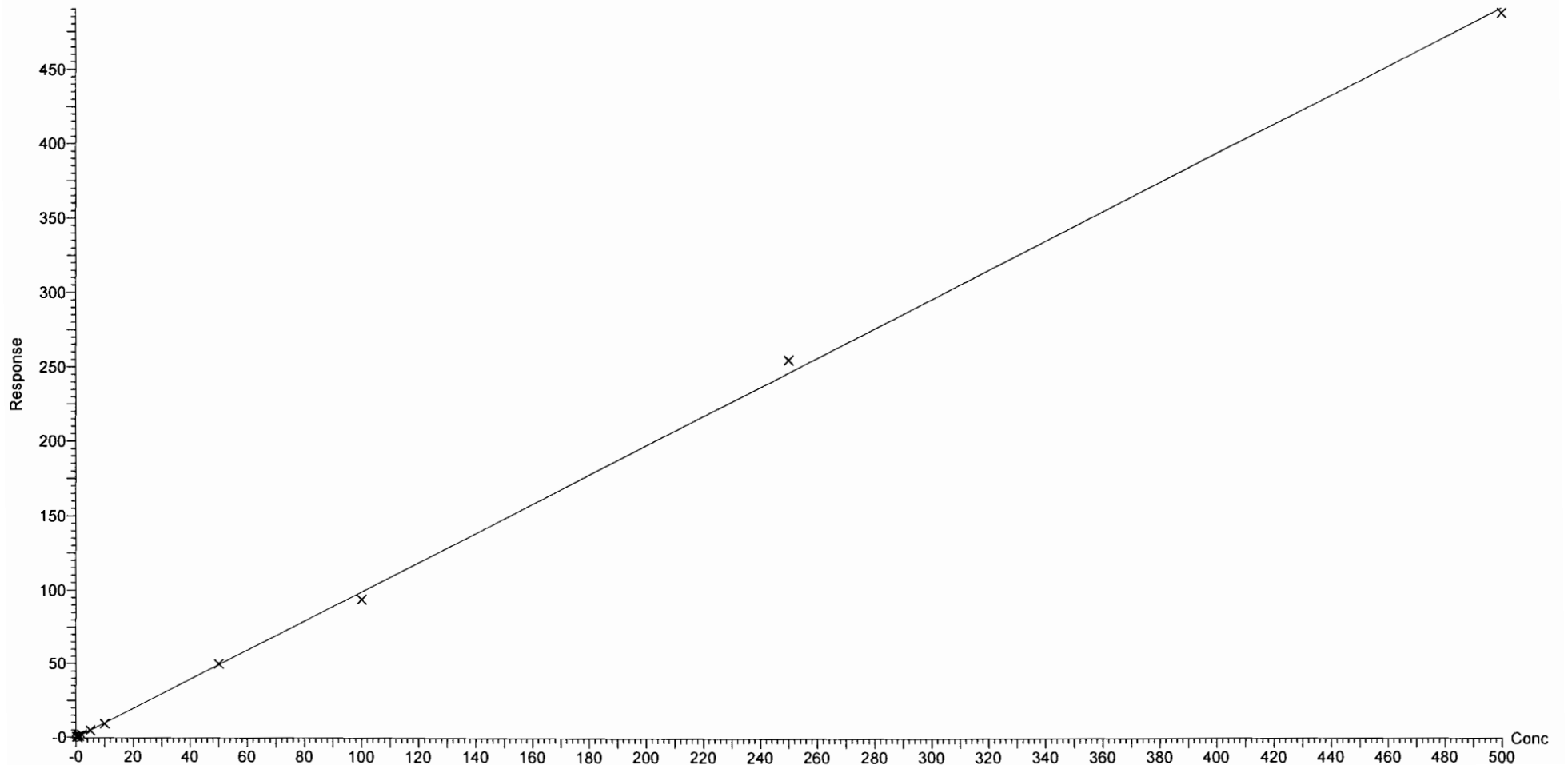


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

Compound name: PFDS
Coefficient of Determination: $R^2 = 0.999278$
Calibration curve: $-2.37728e-005 * x^2 + 0.99278 * x + -0.180308$
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

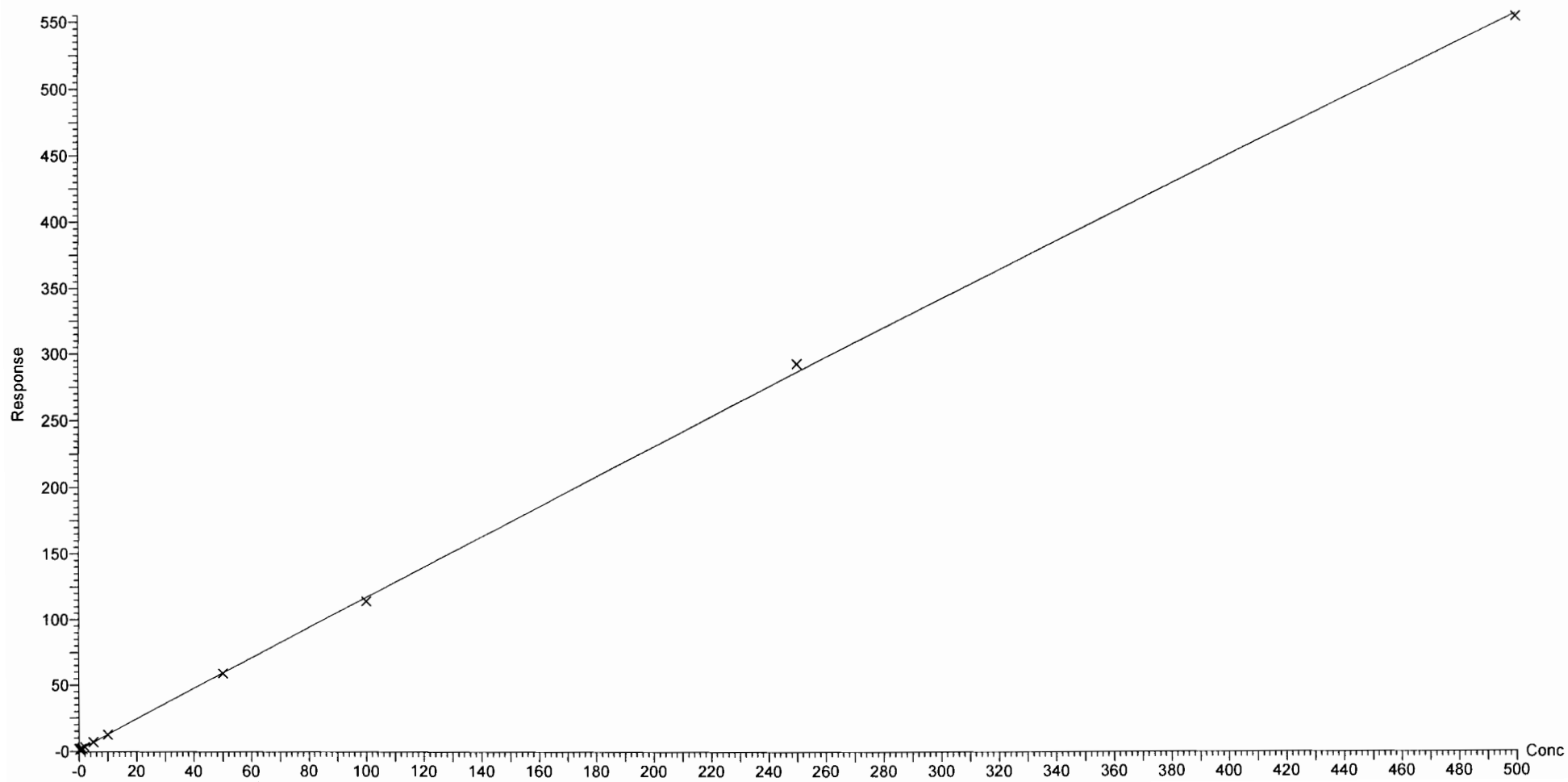
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999738$

Calibration curve: $-0.000131786 * x^2 + 1.17434 * x + 0.881207$

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\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

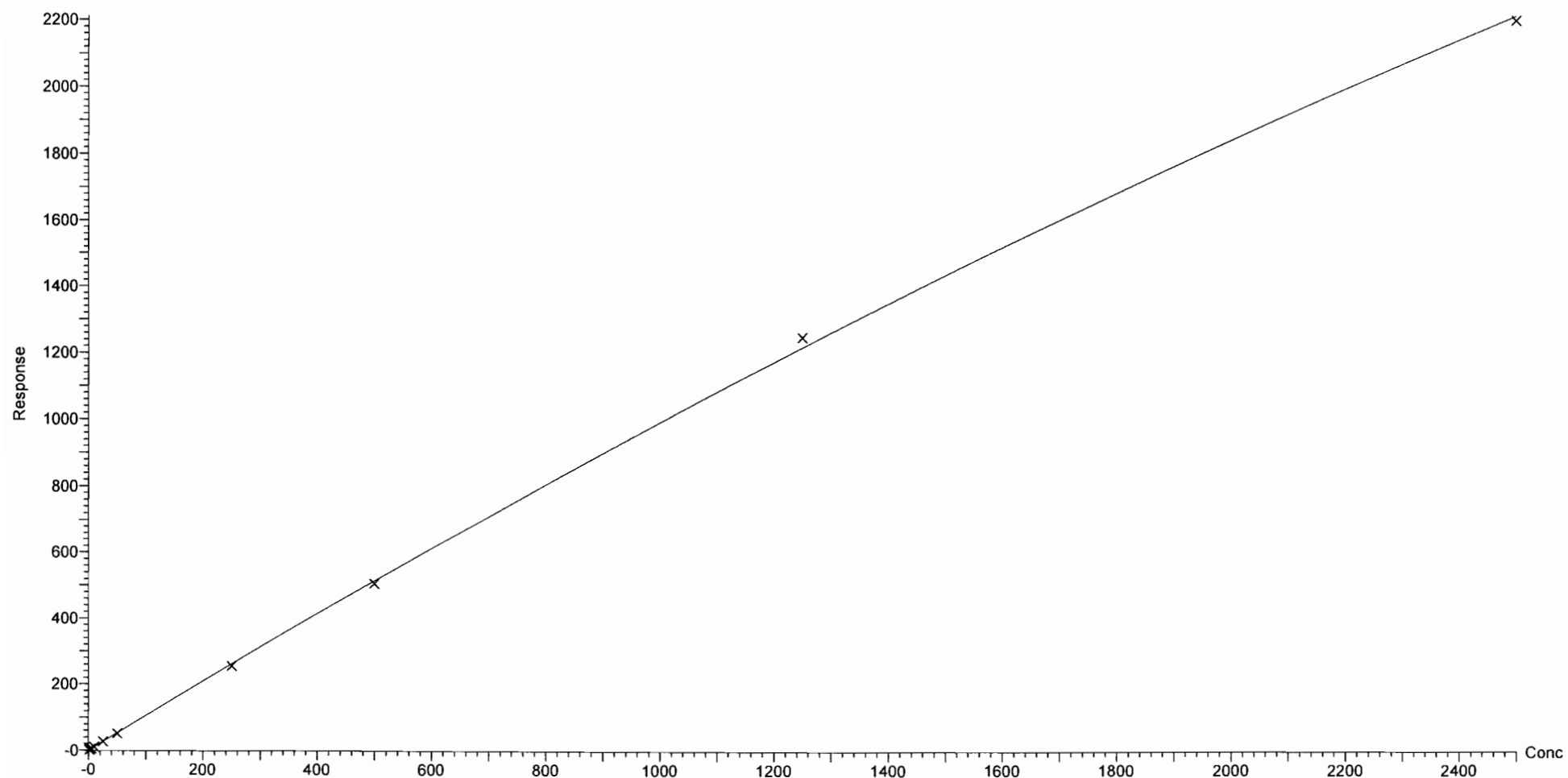
Compound name: N-MeFOSA

Coefficient of Determination: $R^2 = 0.999680$

Calibration curve: $-7.17187e-005 * x^2 + 1.06327 * x + -0.0145437$

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

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

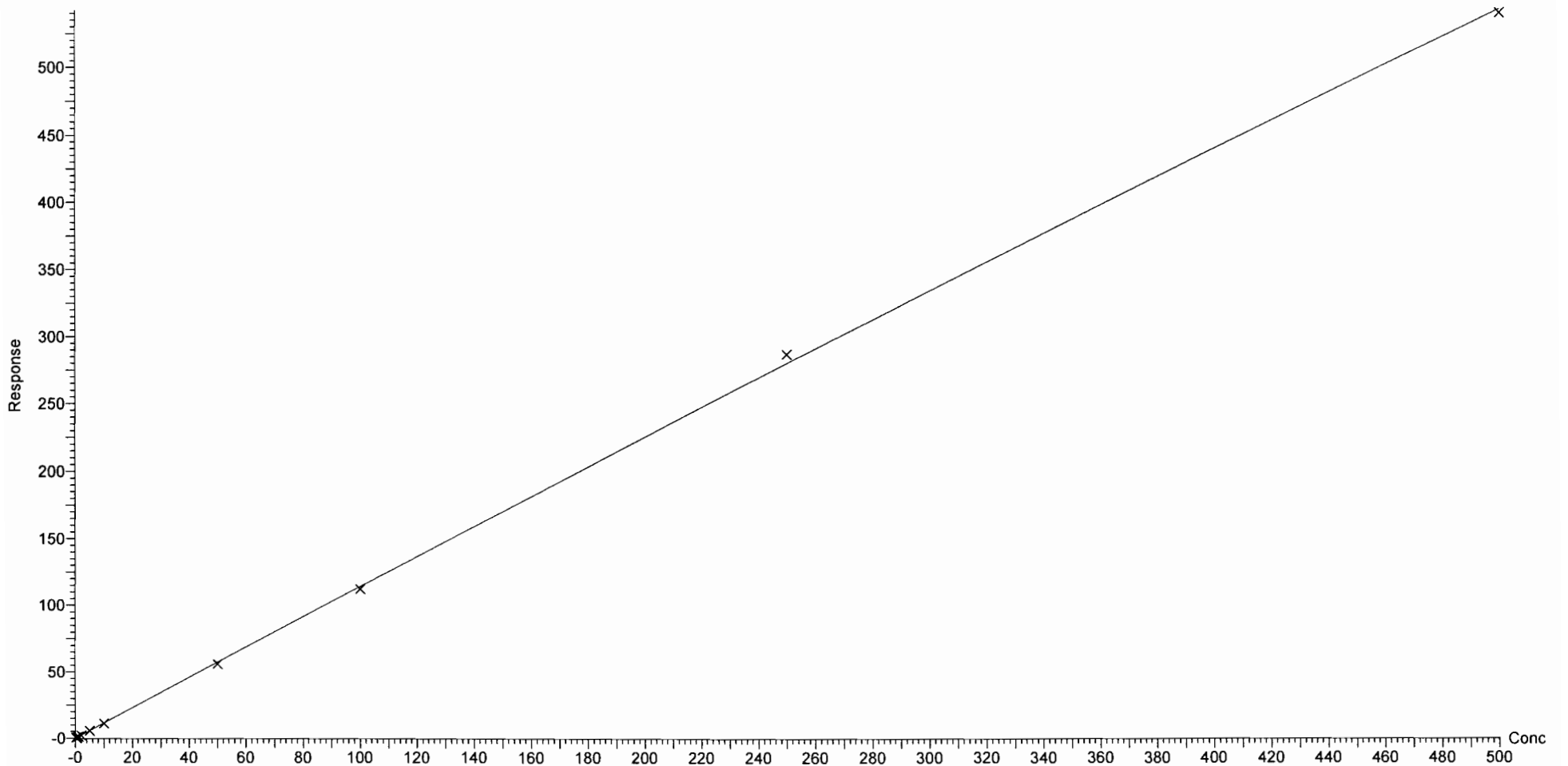


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

Compound name: PFTrDA
Coefficient of Determination: $R^2 = 0.999720$
Calibration curve: $-0.000145659 * x^2 + 1.15732 * x + -0.0290903$
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

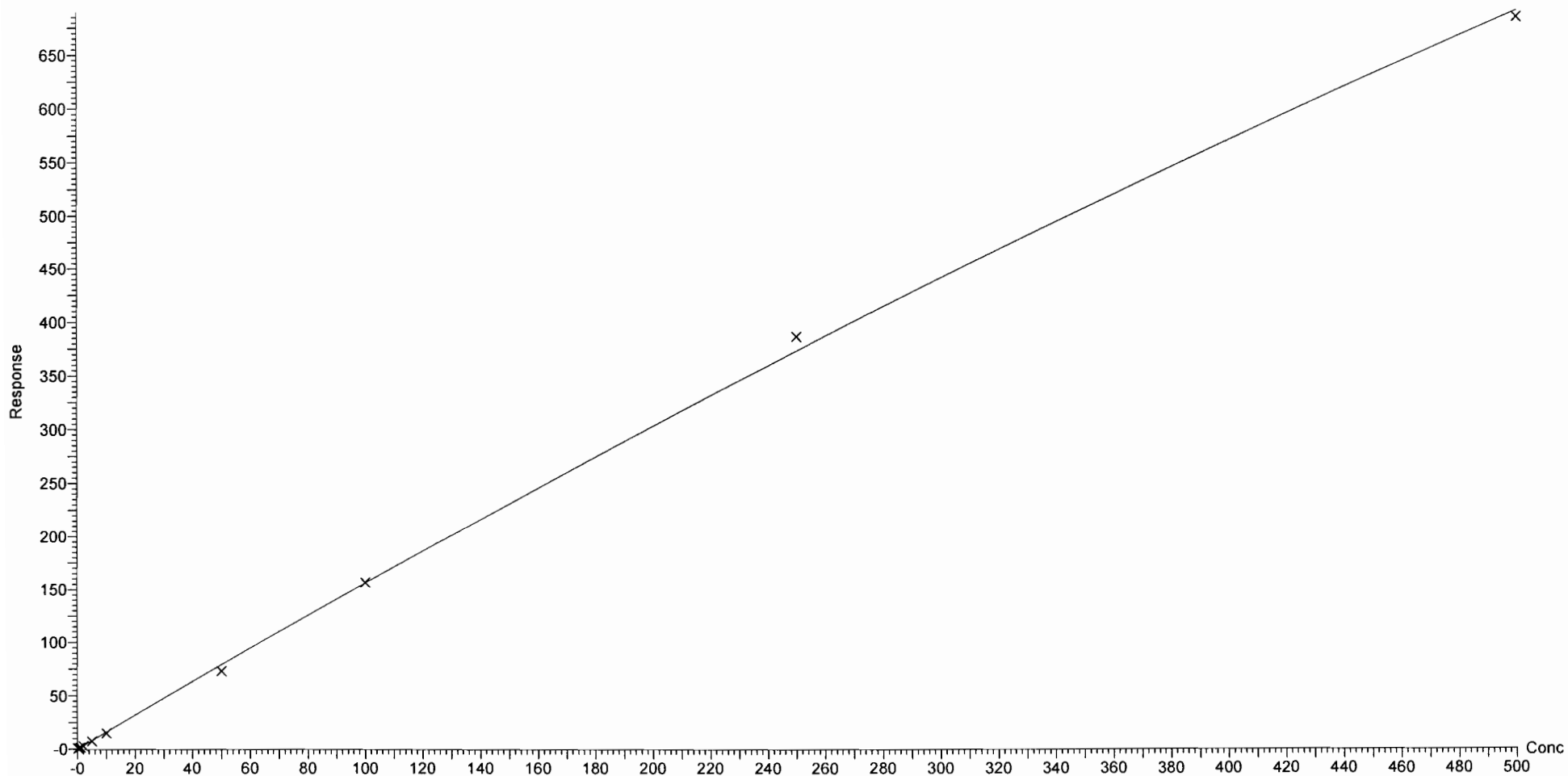


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

Compound name: PFTeDA
Coefficient of Determination: $R^2 = 0.999069$
Calibration curve: $-0.00045543 * x^2 + 1.60723 * x + -0.0534479$
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\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

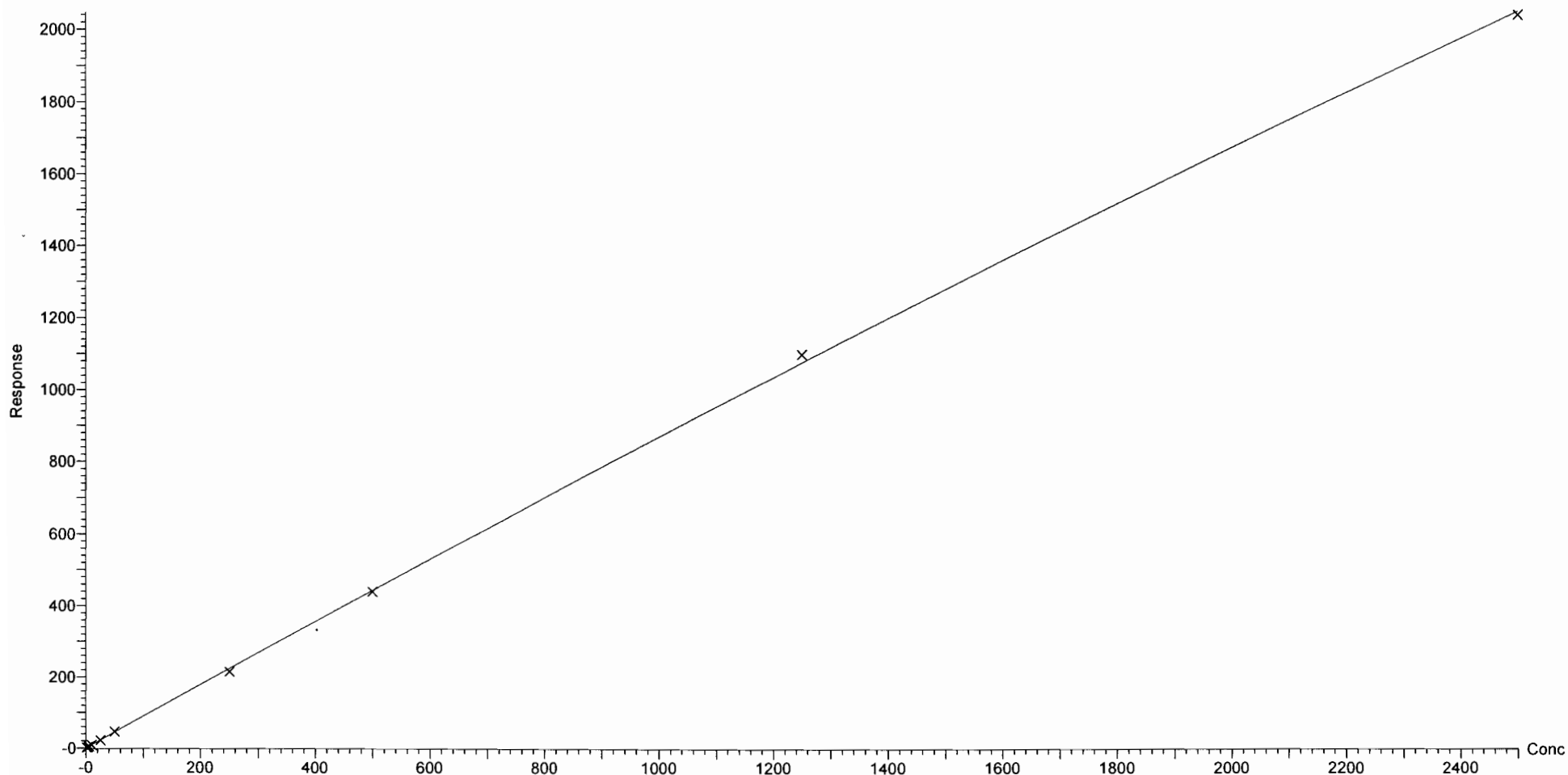
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999724$

Calibration curve: $-3.38951e-005 * x^2 + 0.903459 * x + 0.122282$

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

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



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

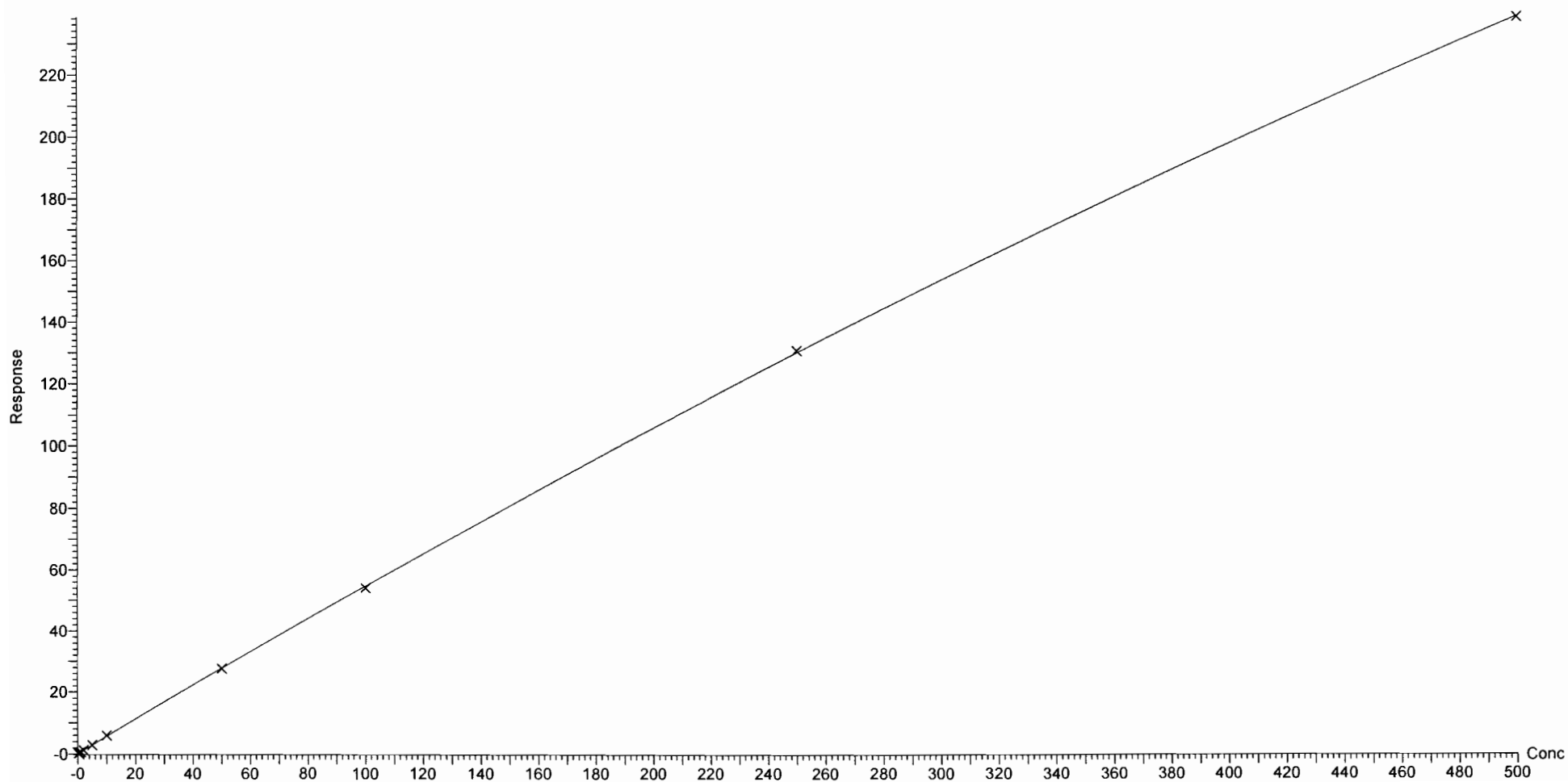
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999925$

Calibration curve: $-0.000173645 * x^2 + 0.56335 * x + 0.0669493$

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\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

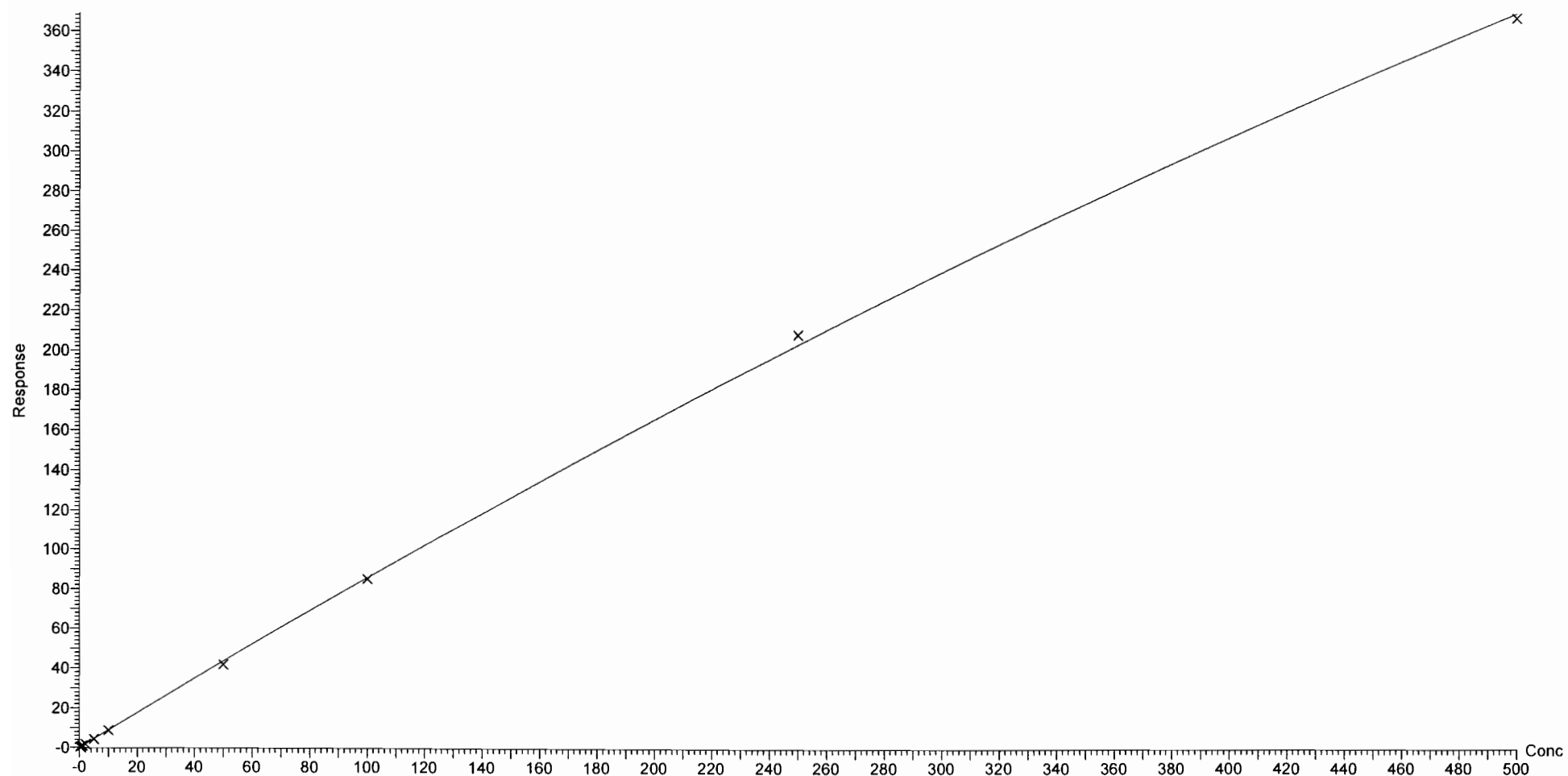
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999651$

Calibration curve: $-0.000301718 * x^2 + 0.888696 * x + -0.00331867$

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

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

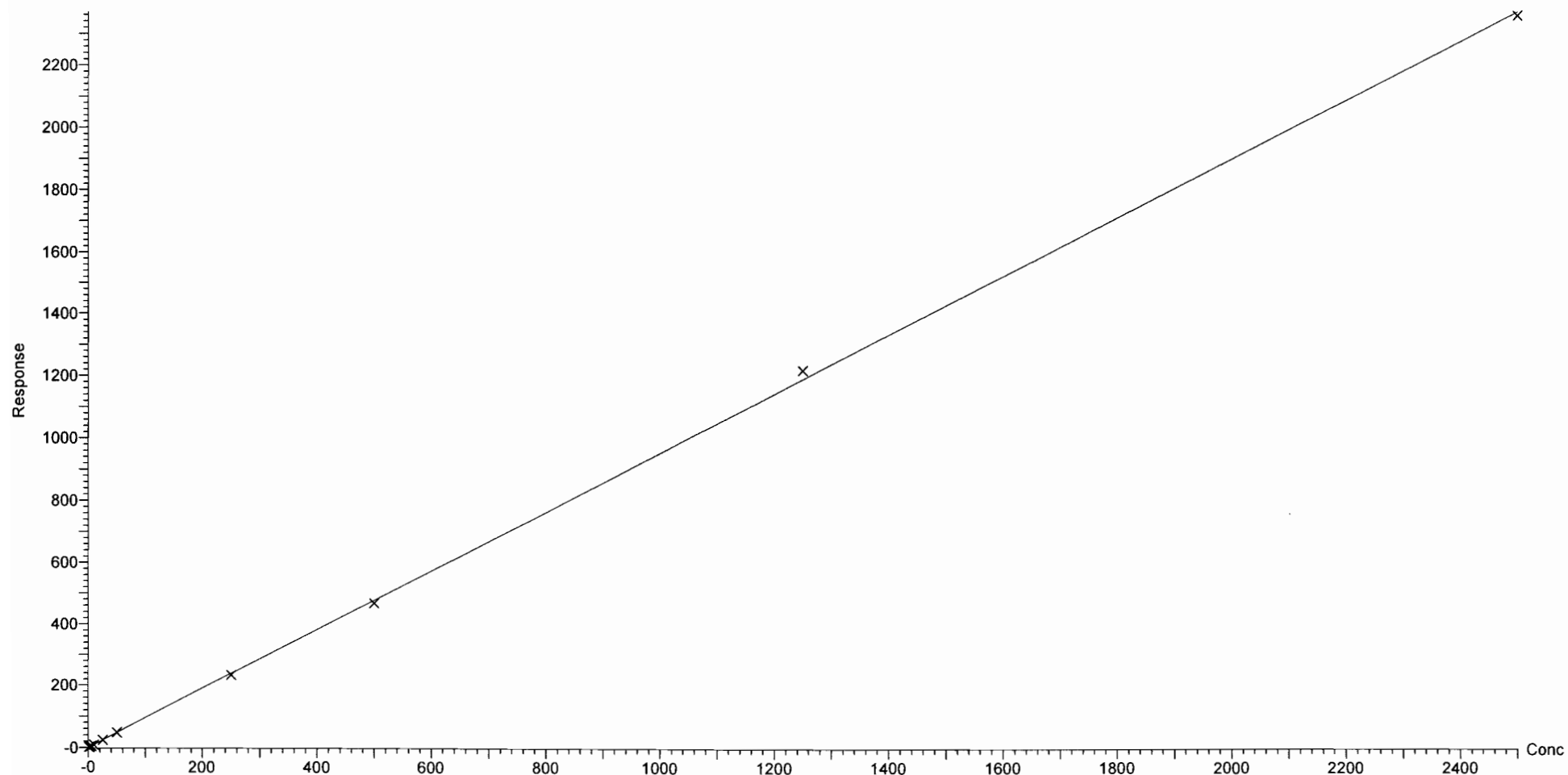


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

Compound name: N-MeFOSE
Coefficient of Determination: $R^2 = 0.999720$
Calibration curve: $-3.76102e-006 * x^2 + 0.956669 * x + 0.0556659$
Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:45:50 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:49:51 Pacific Daylight Time

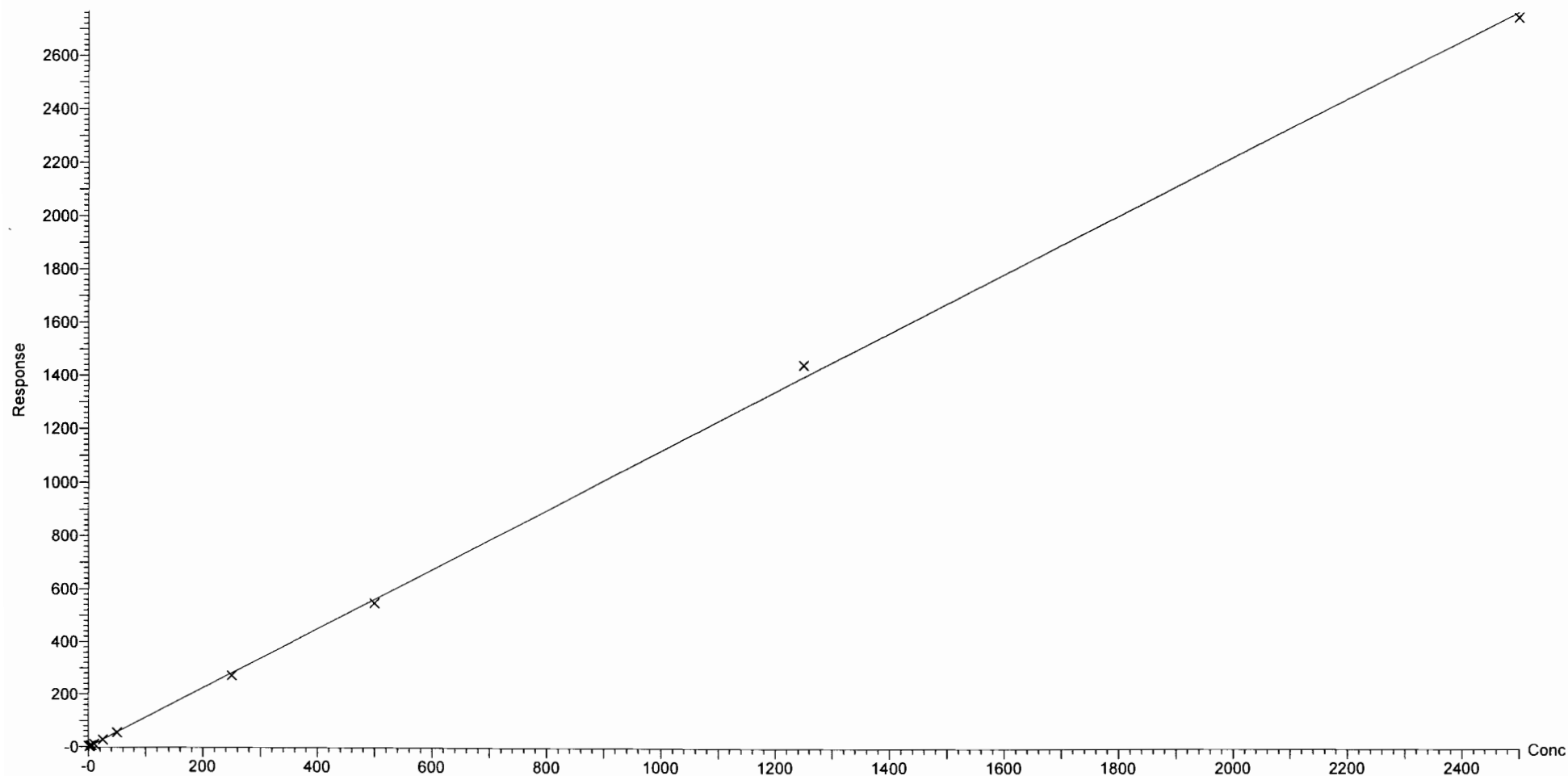
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999510$

Calibration curve: $-9.82801e-006 * x^2 + 1.13072 * x + -0.103473$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

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

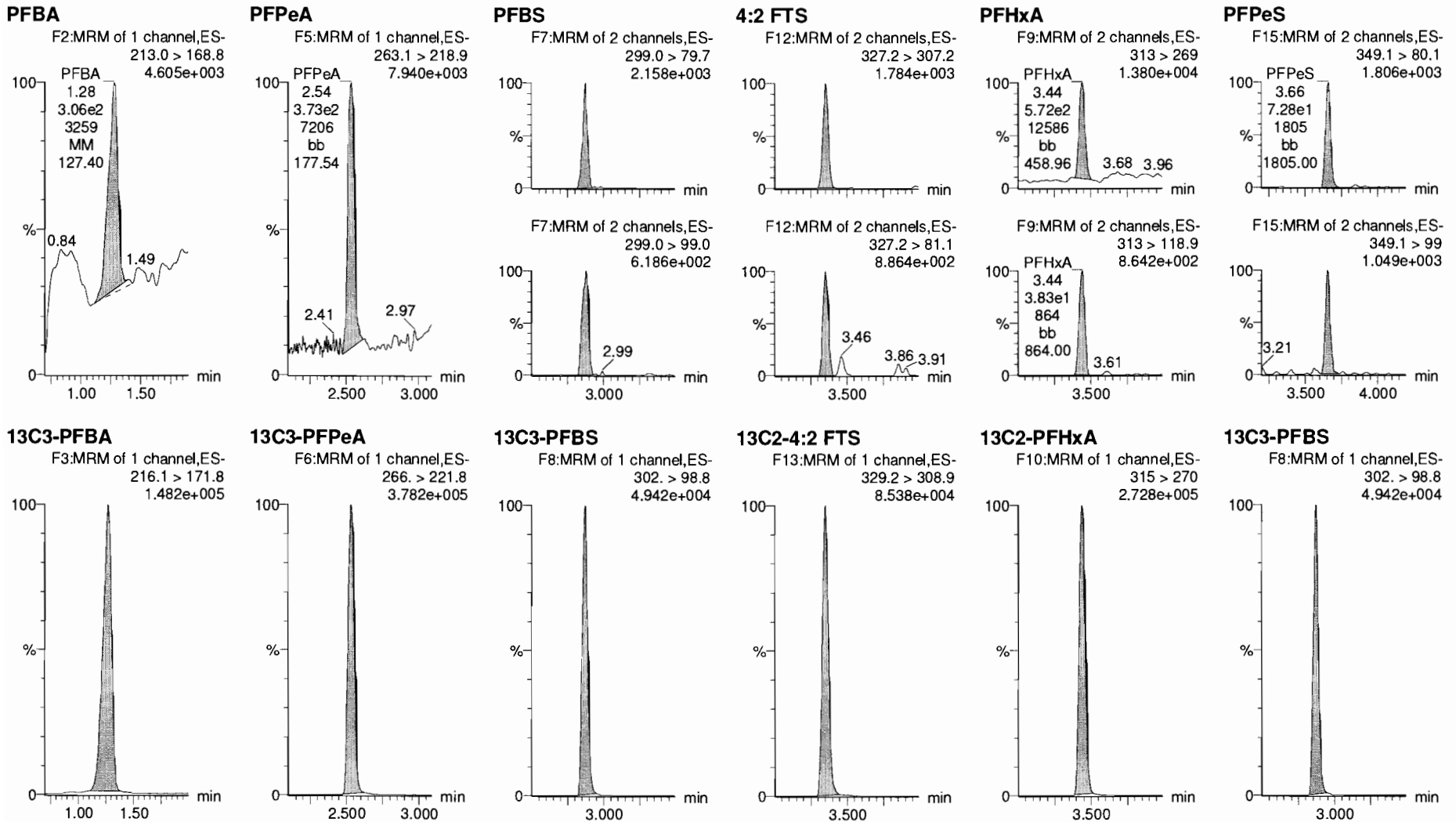


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28
Calibration: 28 Oct 2018 12:42:29

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

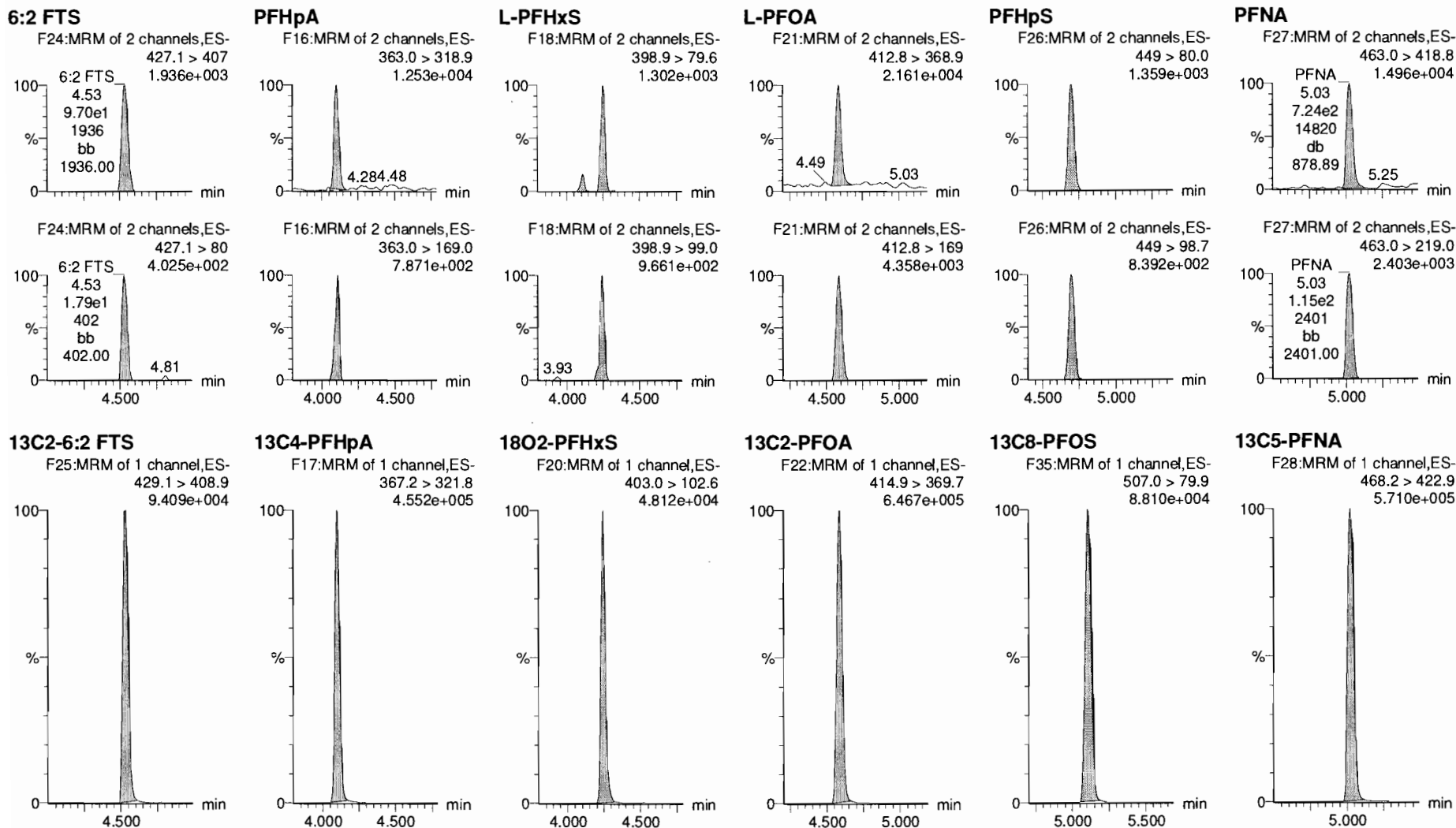


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

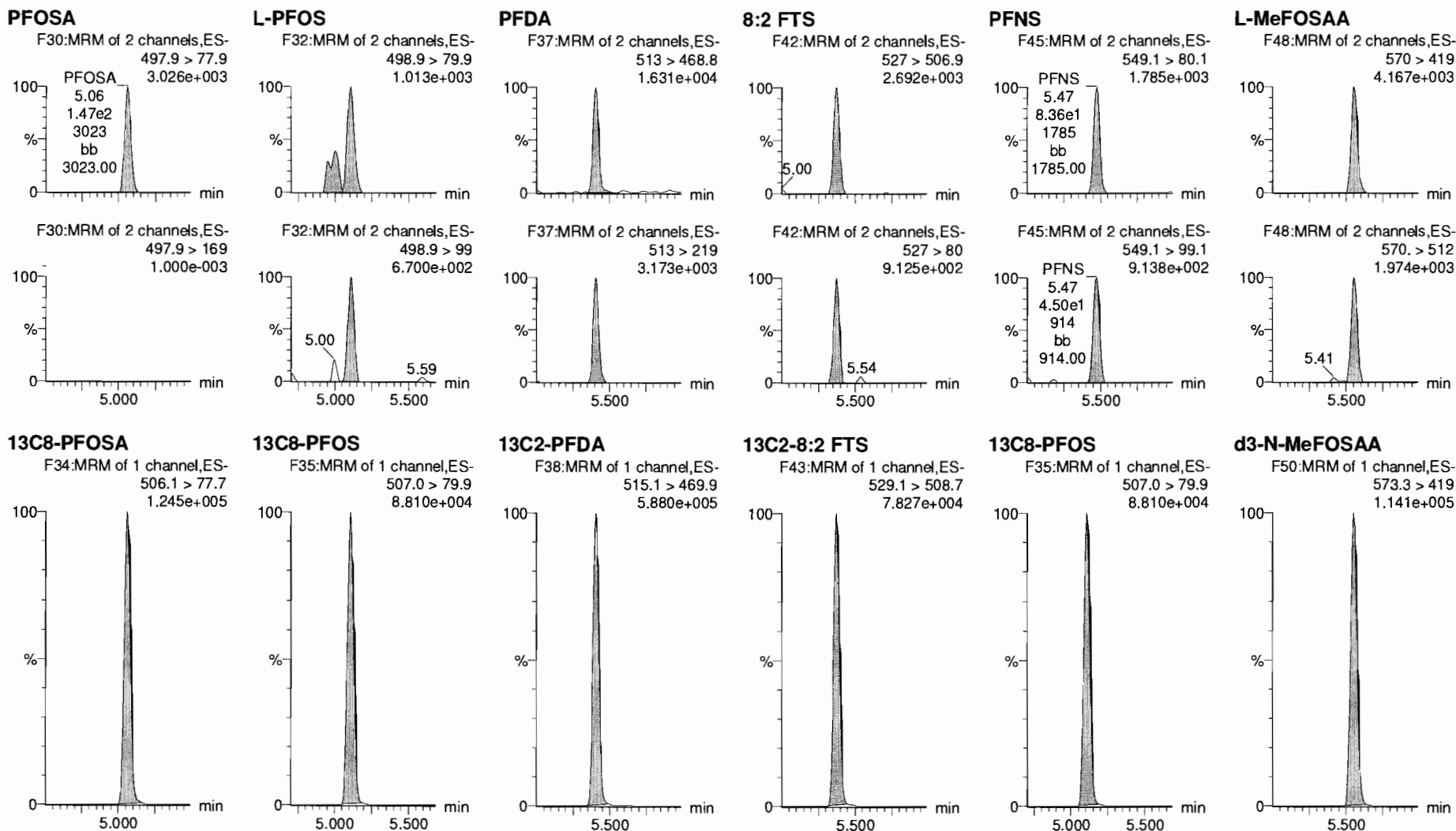


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815



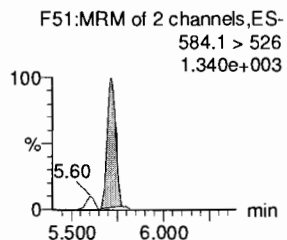
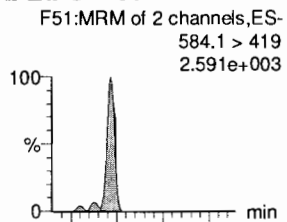
Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

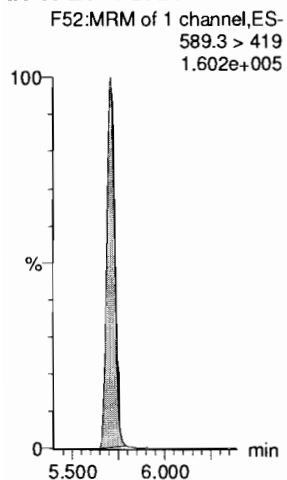
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

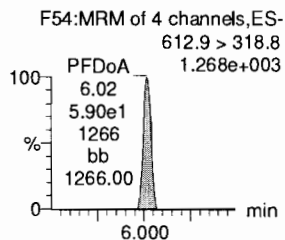
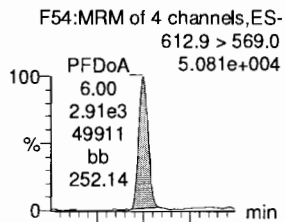
L-EtFOSAA



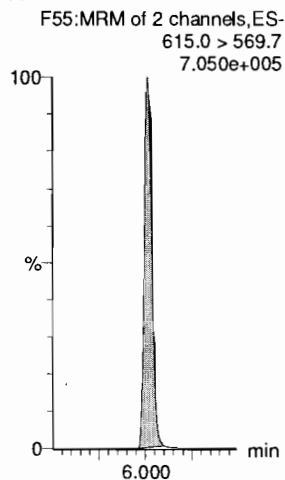
d5-N-EtFOSAA



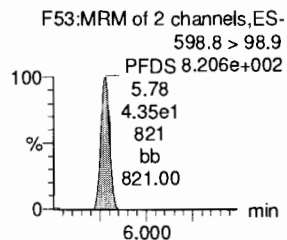
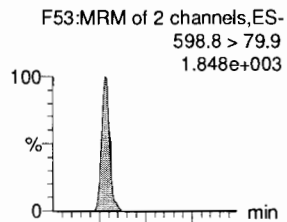
PFDaA



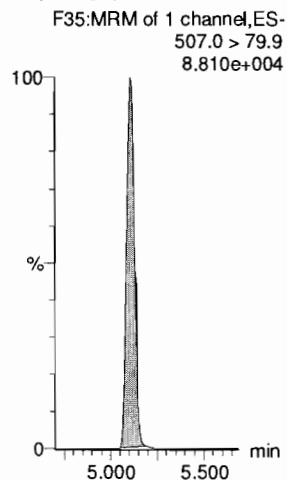
13C2-PFDaA



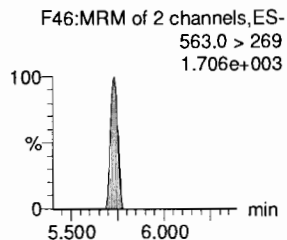
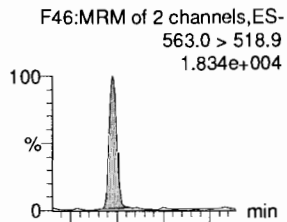
PFDS



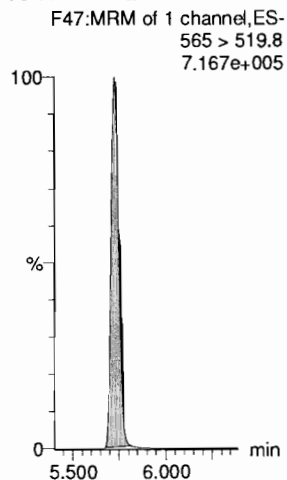
13C8-PFOS



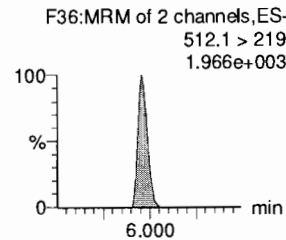
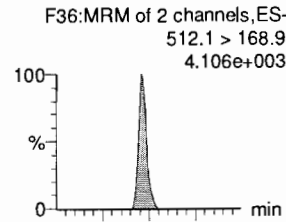
PFUdA



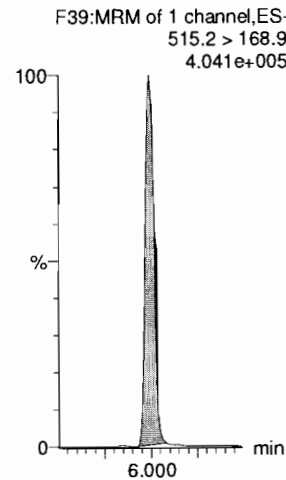
13C2-PFUdA



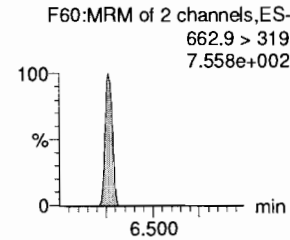
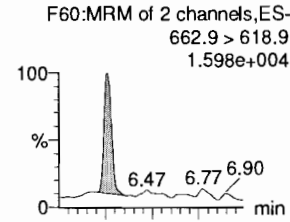
N-MeFOSA



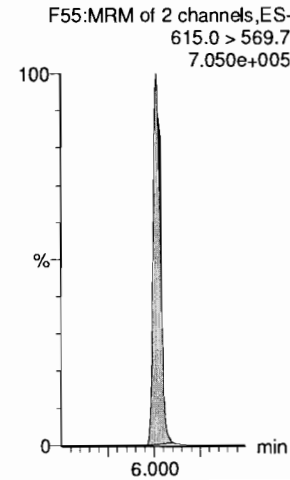
d3-N-MeFOSA



PFTrDA



13C2-PFDaA

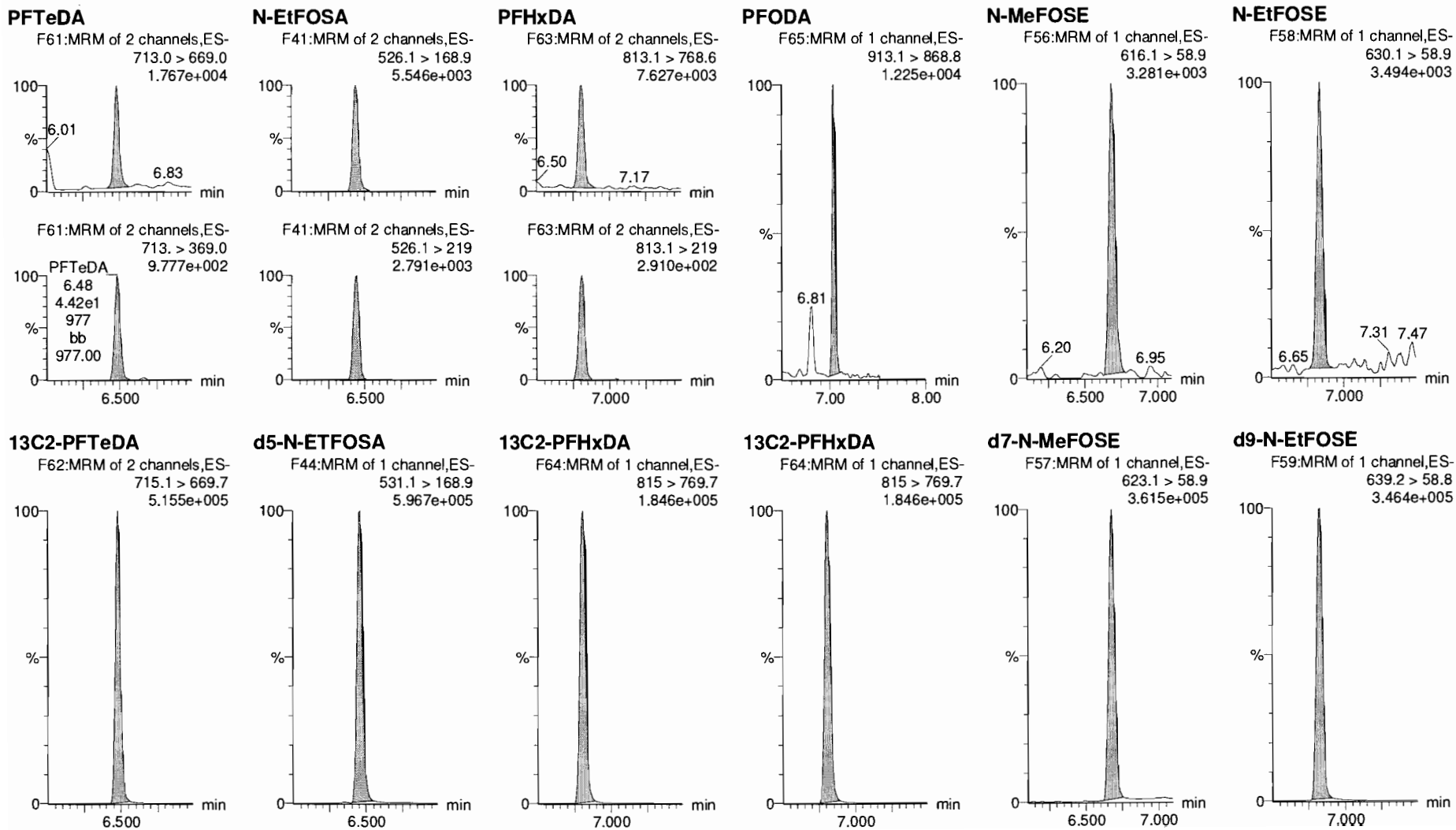


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815



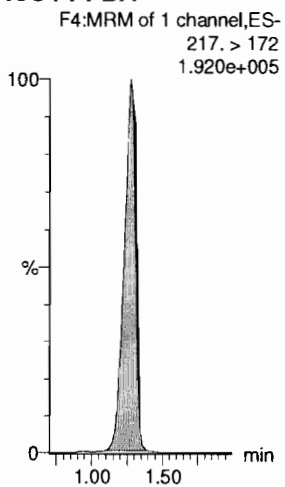
Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

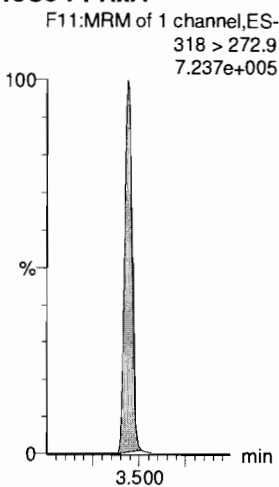
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_2, Date: 28-Oct-2018, Time: 10:19:53, ID: ST181028M1-1 PFC CS-2 18J1815, Description: PFC CS-2 18J1815

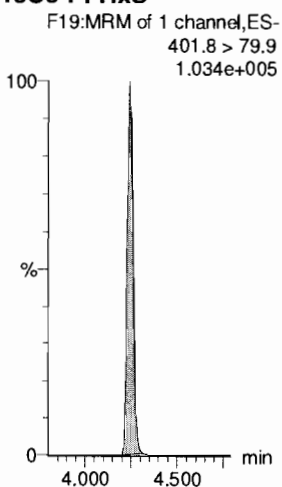
13C4-PFBA



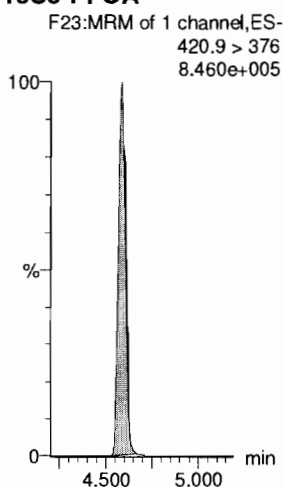
13C5-PFHxA



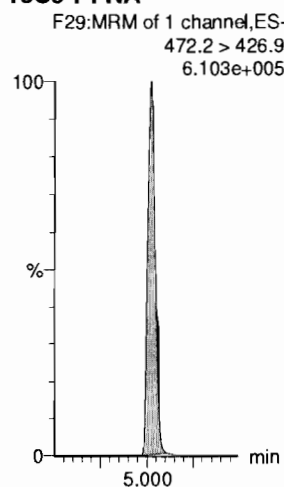
13C3-PFHxS



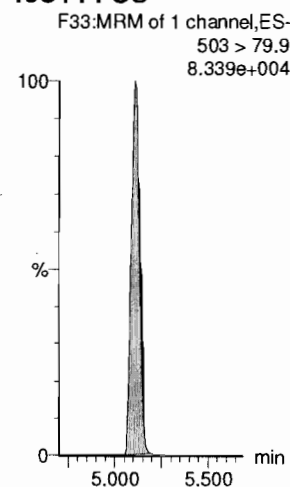
13C8-PFOA



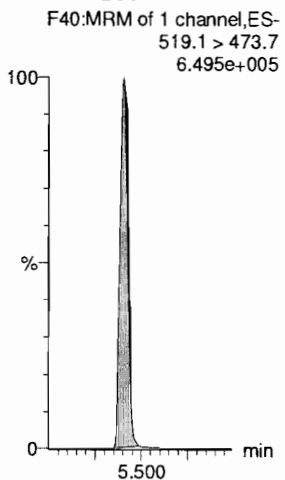
13C9-PFNA



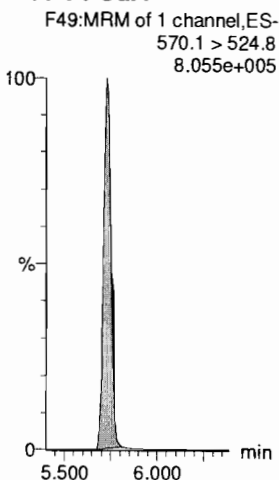
13C4-PFOS



13C6-PFDA



13C7-PFUdA

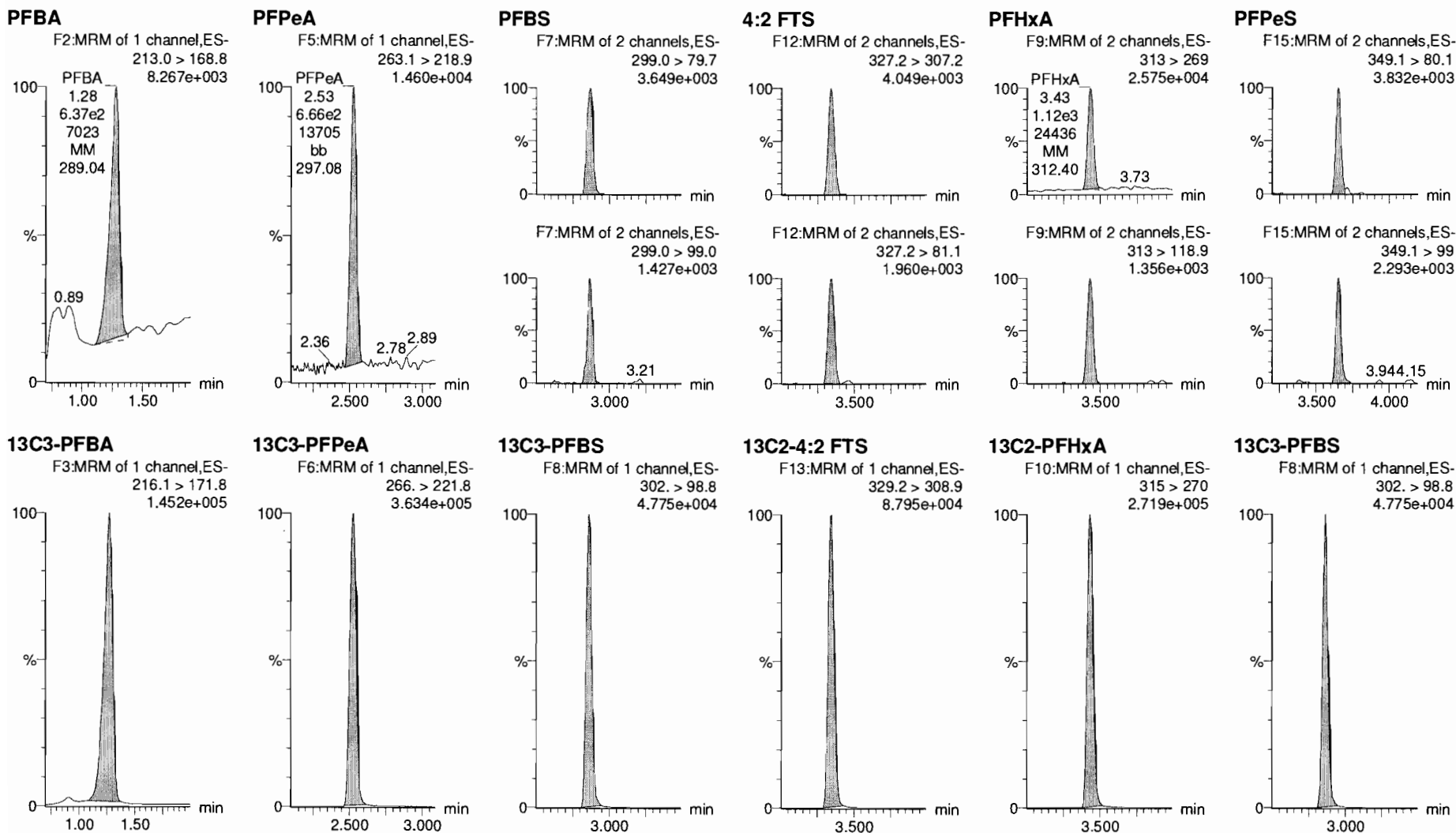


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

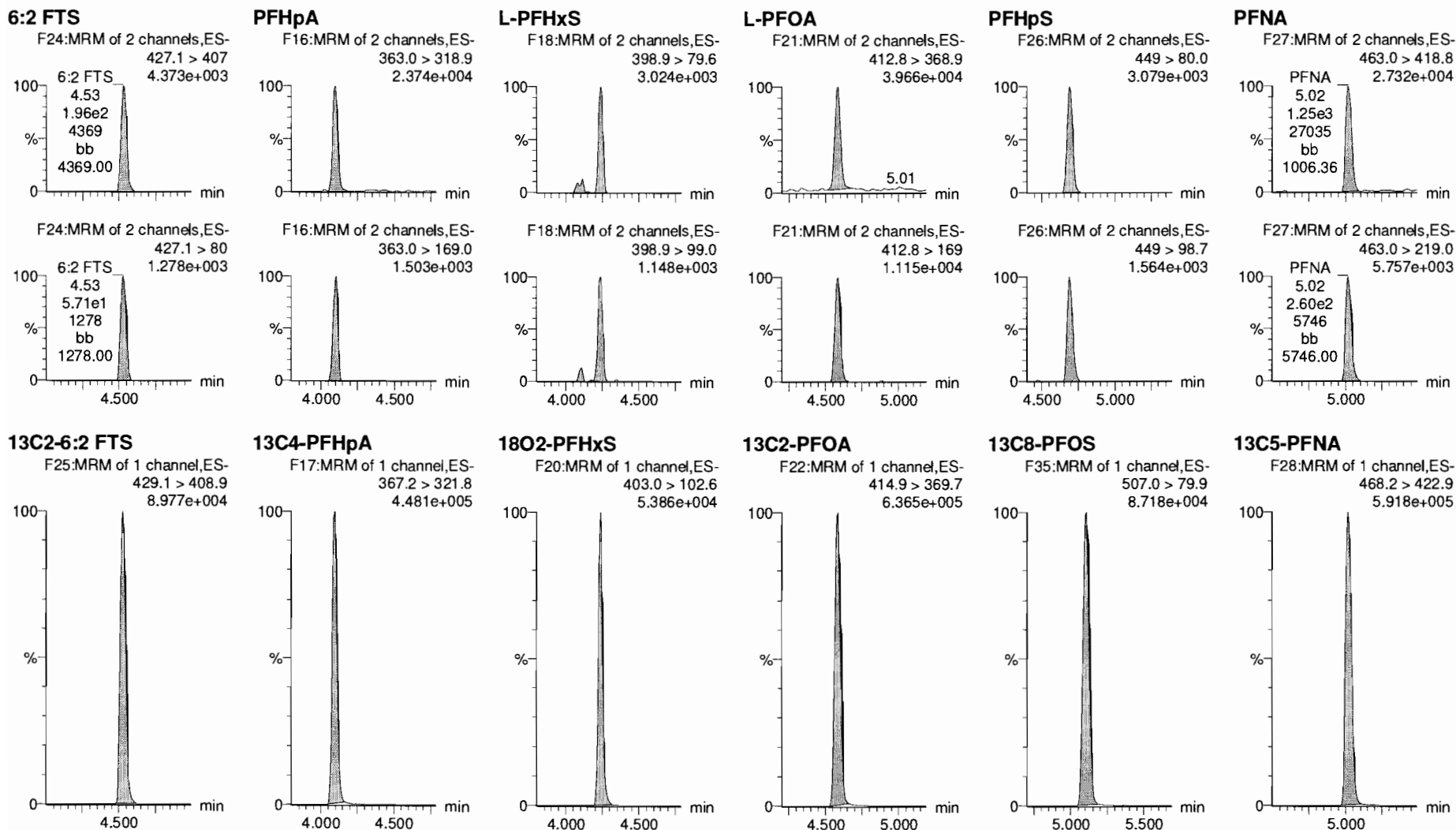
Name: 181028M1_3, Date: 28-Oct-2018, Time: 10:30:31, ID: ST181028M1-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_3, Date: 28-Oct-2018, Time: 10:30:31, ID: ST181028M1-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816



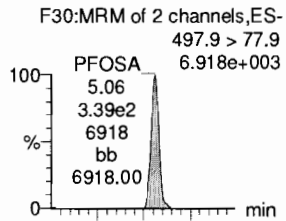
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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

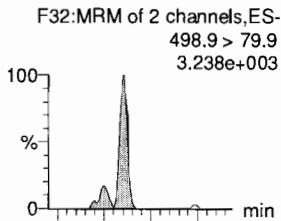
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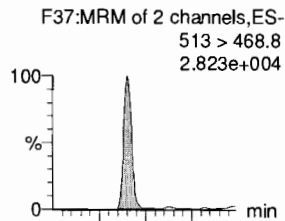
PFOSA



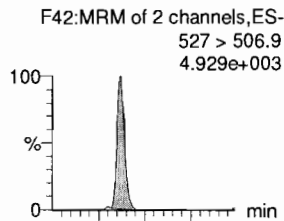
L-PFOS



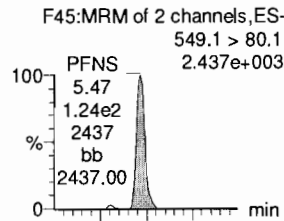
PFDA



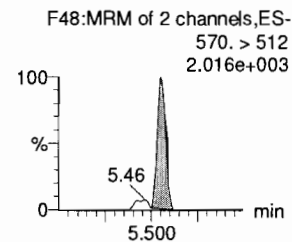
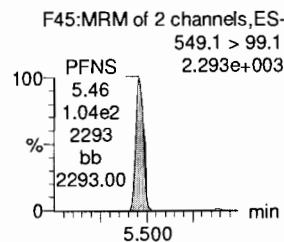
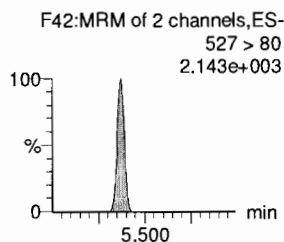
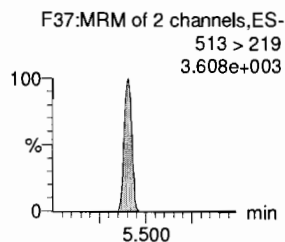
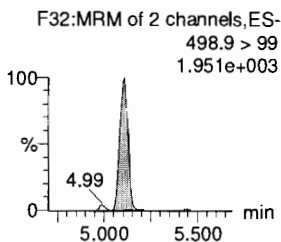
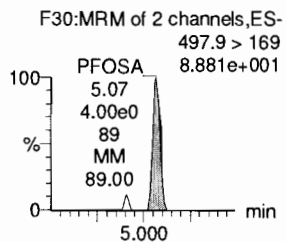
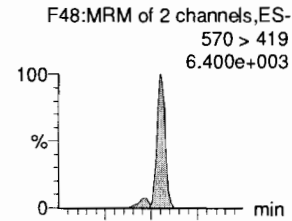
8:2 FTS



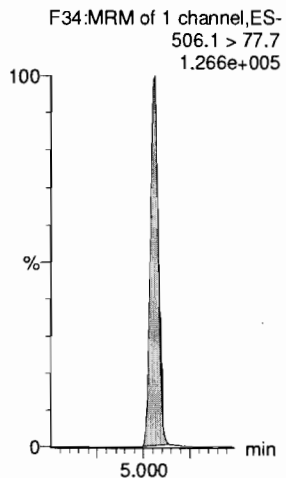
PFNS



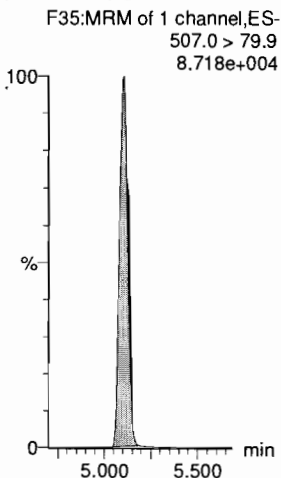
L-MeFOSAA



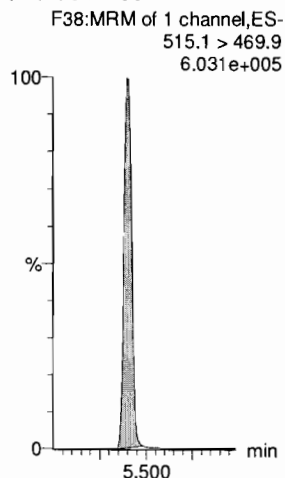
13C8-PFOSA



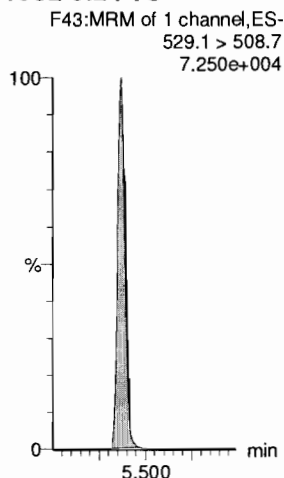
13C8-PFOS



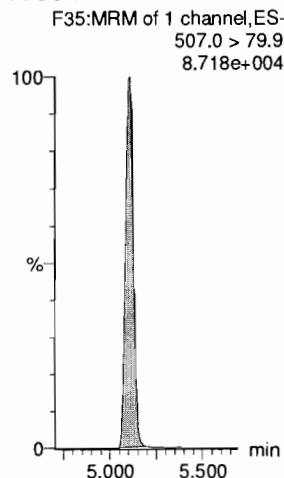
13C2-PFDA



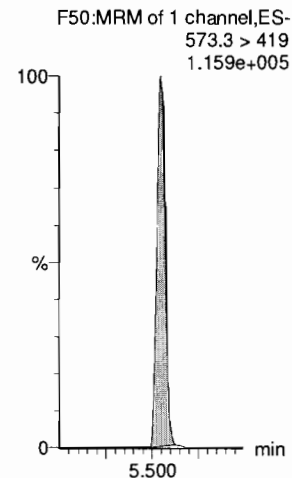
13C2-8:2 FTS



13C8-PFOS



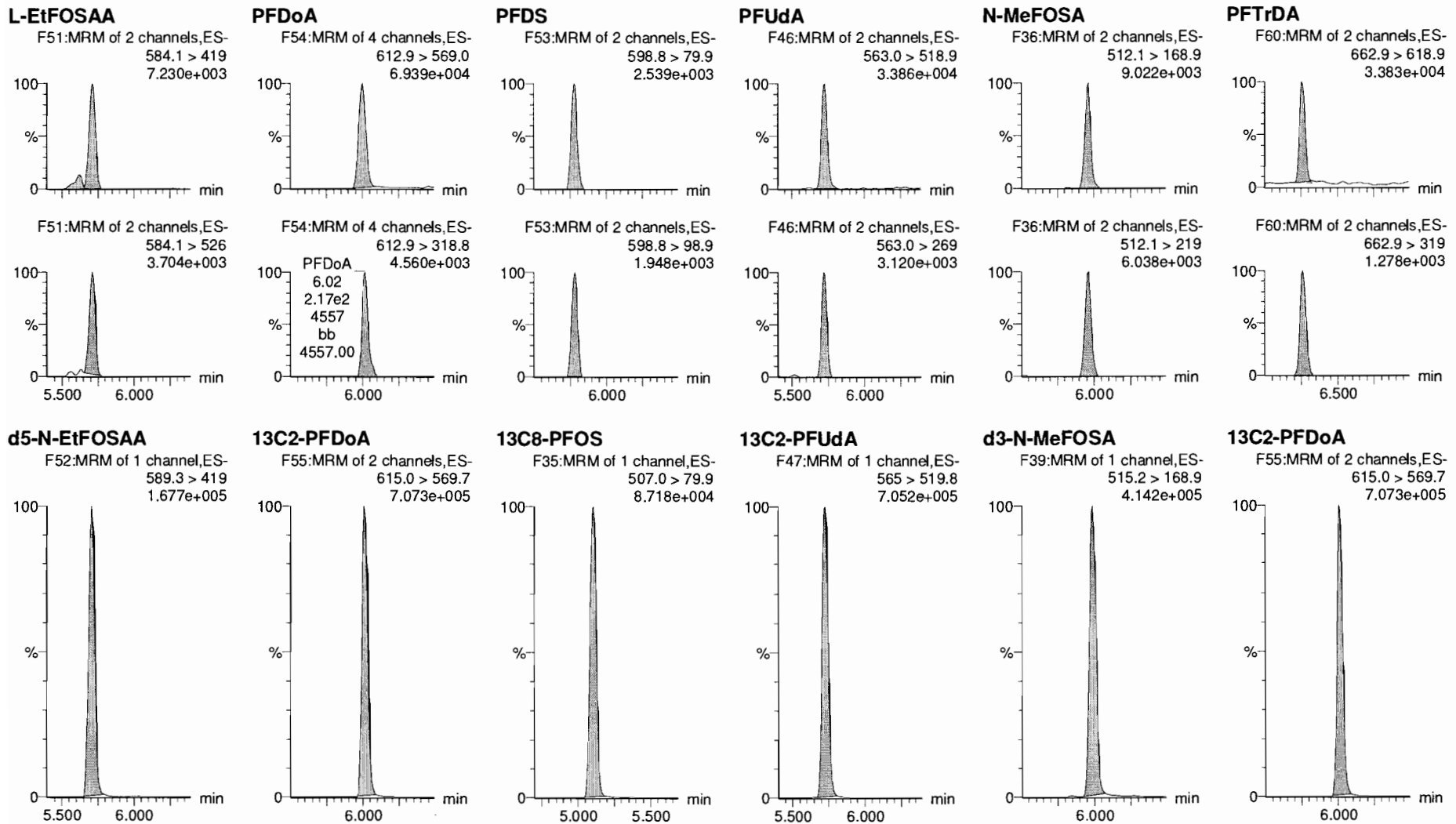
d3-N-MeFOSAA



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_3, Date: 28-Oct-2018, Time: 10:30:31, ID: ST181028M1-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

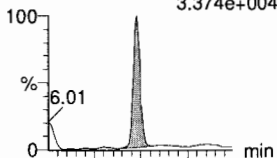
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

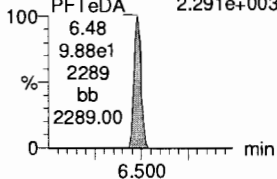
Name: 181028M1_3, Date: 28-Oct-2018, Time: 10:30:31, ID: ST181028M1-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816

PFTeDA

F61:MRM of 2 channels,ES-
713.0 > 669.0
3.374e+004

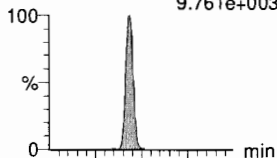


F61:MRM of 2 channels,ES-
713. > 369.0
2.291e+003

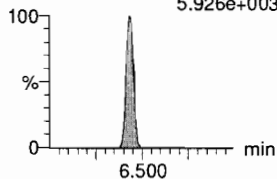


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
9.761e+003

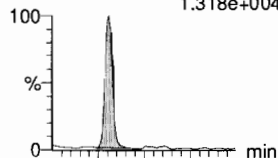


F41:MRM of 2 channels,ES-
526.1 > 219
5.926e+003

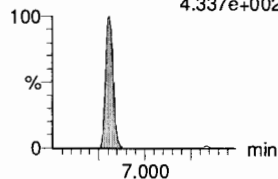


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
1.318e+004

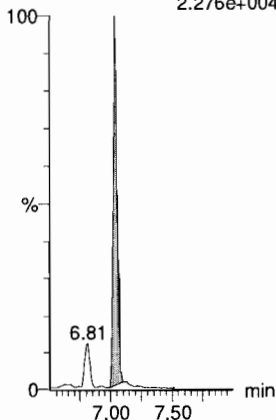


F63:MRM of 2 channels,ES-
813.1 > 219
4.337e+002



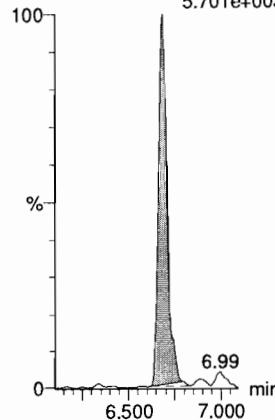
PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
2.276e+004



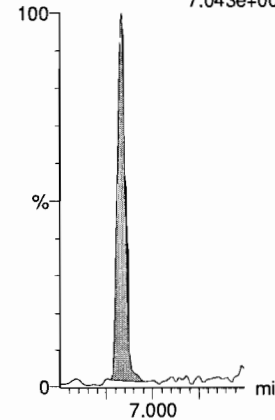
N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
5.701e+003



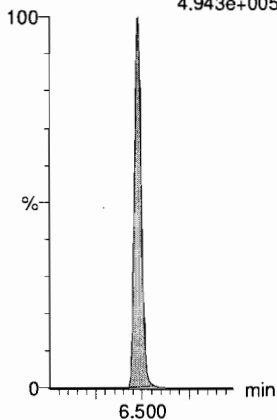
N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
7.043e+003



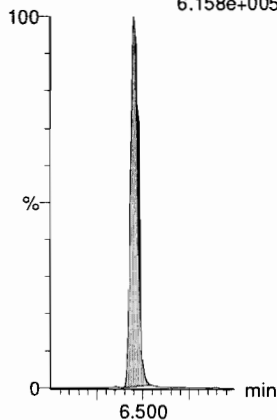
13C2-PFTeDA

F62:MRM of 2 channels,ES-
715.1 > 669.7
4.943e+005



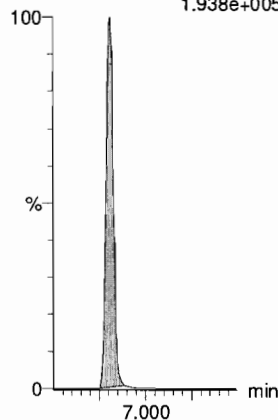
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
6.158e+005



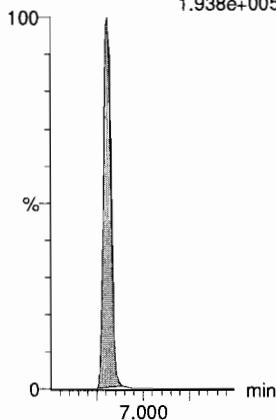
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
1.938e+005



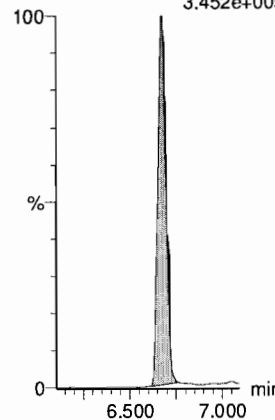
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
1.938e+005



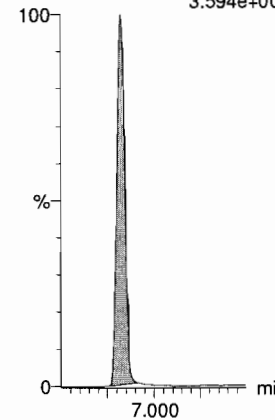
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
3.452e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
3.594e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

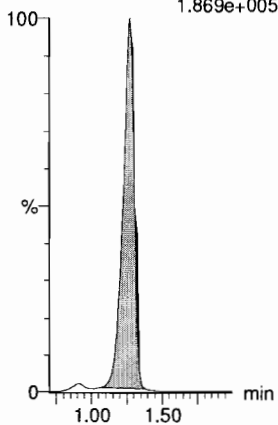
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_3, Date: 28-Oct-2018, Time: 10:30:31, ID: ST181028M1-2 PFC CS-1 18J1816, Description: PFC CS-1 18J1816

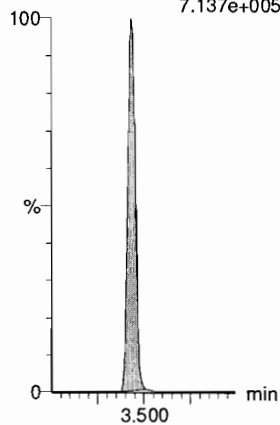
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.869e+005



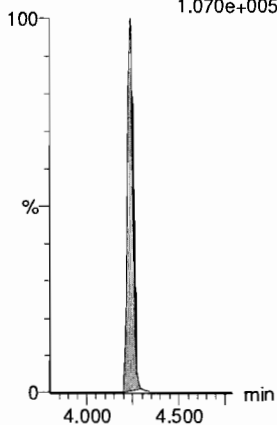
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.137e+005



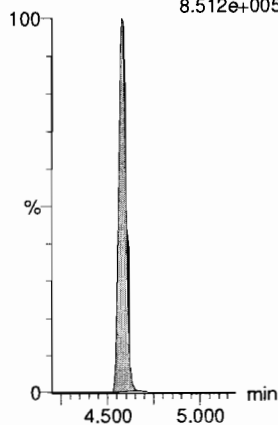
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.070e+005



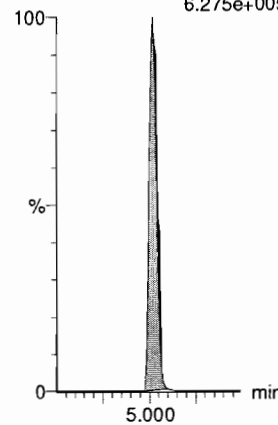
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.512e+005



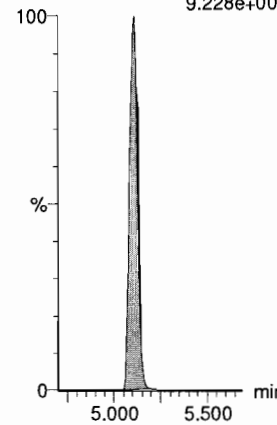
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.275e+005



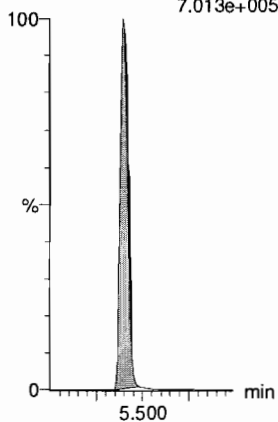
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.228e+004



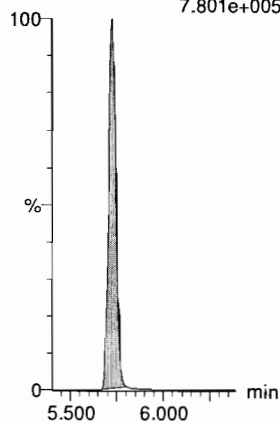
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
7.013e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.801e+005



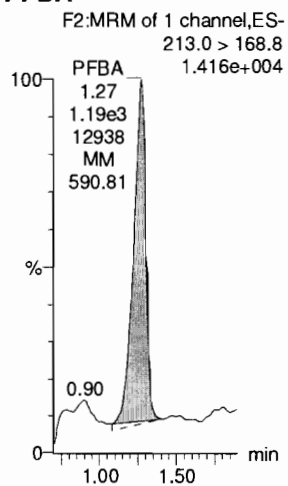
Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

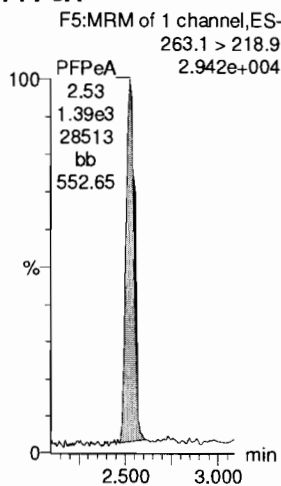
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_4, Date: 28-Oct-2018, Time: 10:41:05, ID: ST181028M1-3 PFC CS0 18J1817, Description: PFC CS0 18J1817

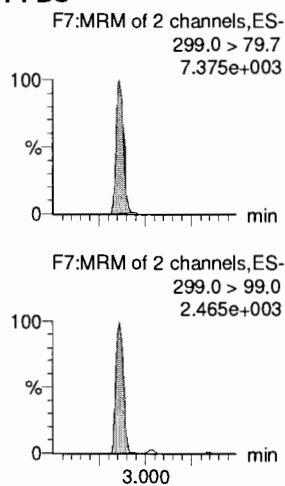
PFBA



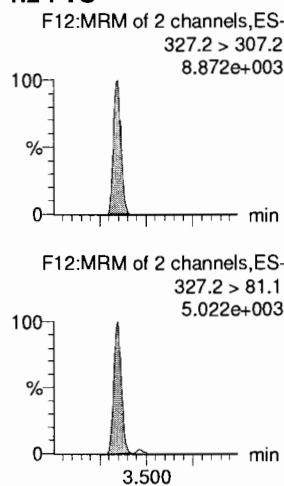
PFPeA



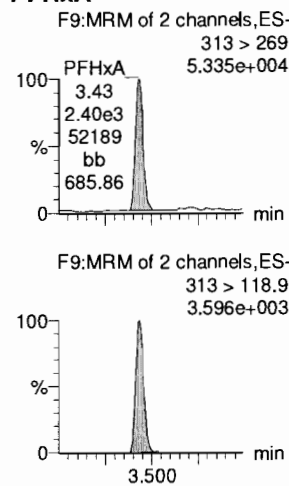
PFBS



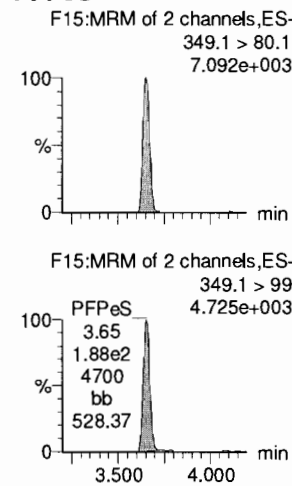
4:2 FTS



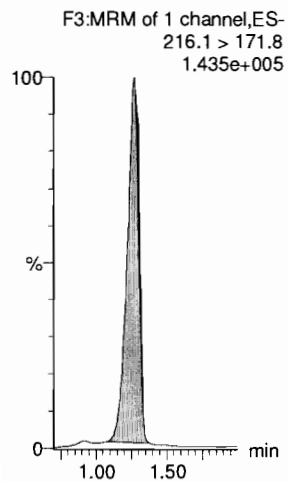
PFHxA



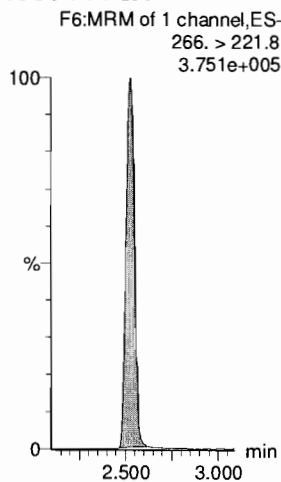
PFPeS



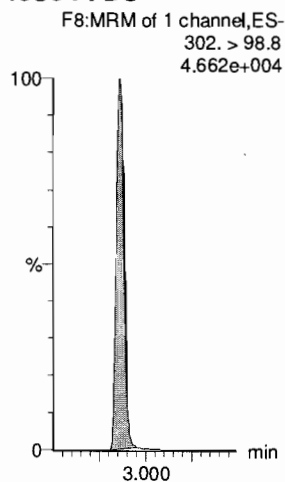
13C3-PFBA



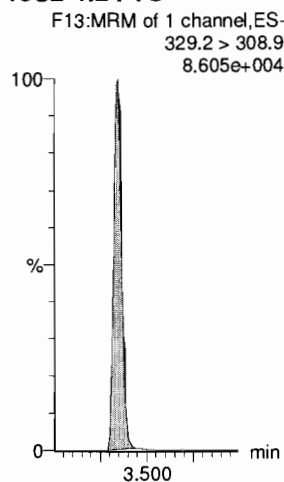
13C3-PFPeA



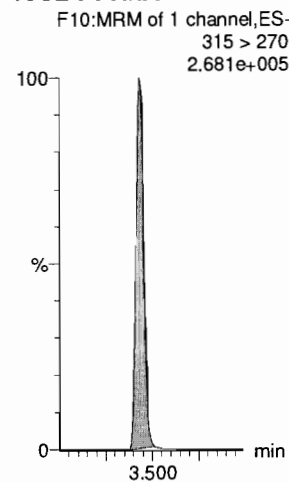
13C3-PFBS



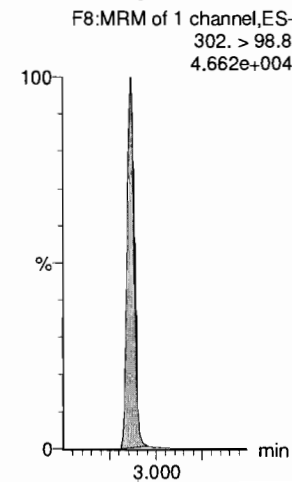
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



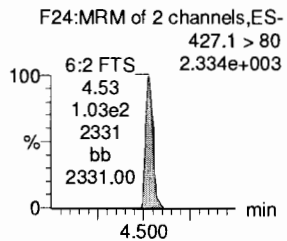
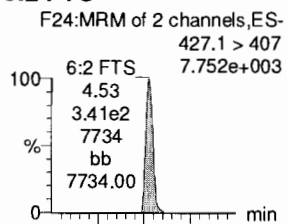
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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

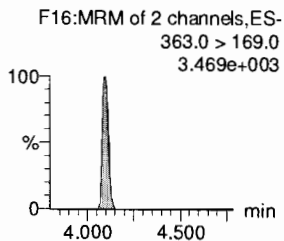
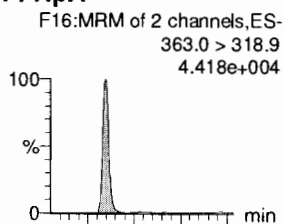
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Name: 181028M1_4, Date: 28-Oct-2018, Time: 10:41:05, ID: ST181028M1-3 PFC CS0 18J1817, Description: PFC CS0 18J1817

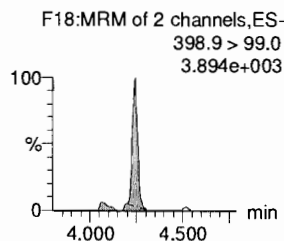
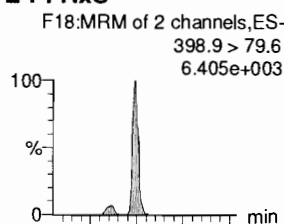
6:2 FTS



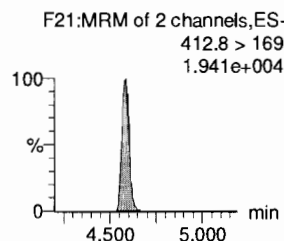
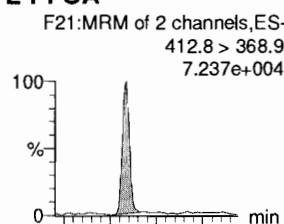
PFHpA



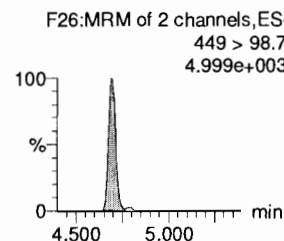
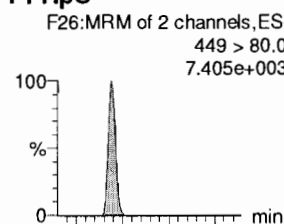
L-PFHxS



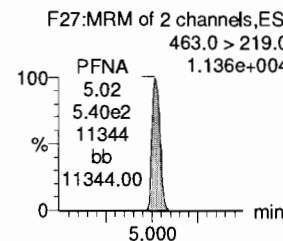
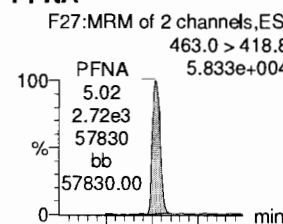
L-PFOA



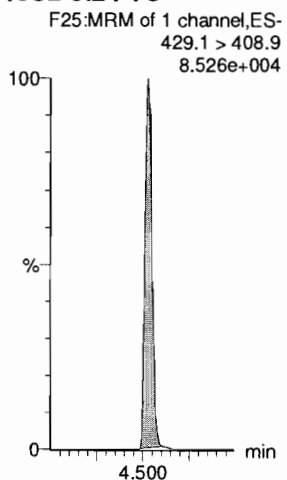
PFHpS



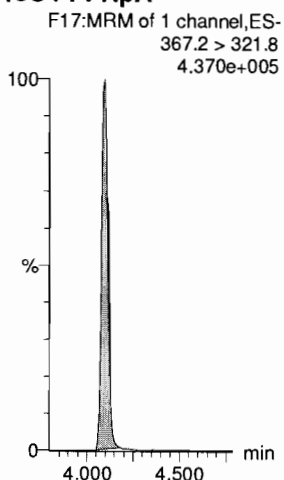
PFNA



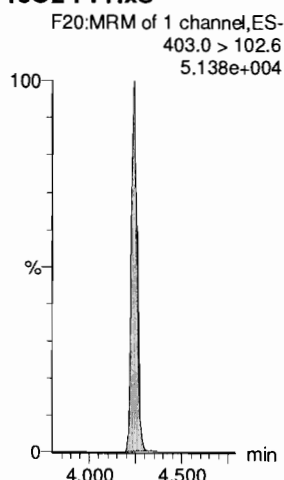
13C2-6:2 FTS



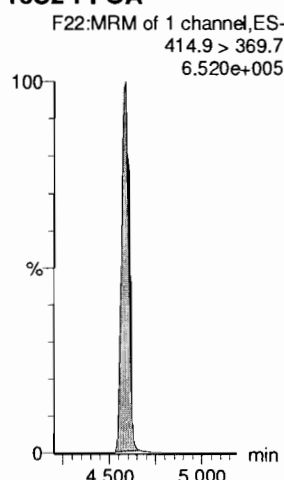
13C4-PFHpA



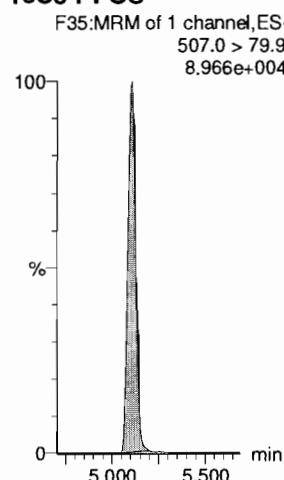
18O2-PFHxS



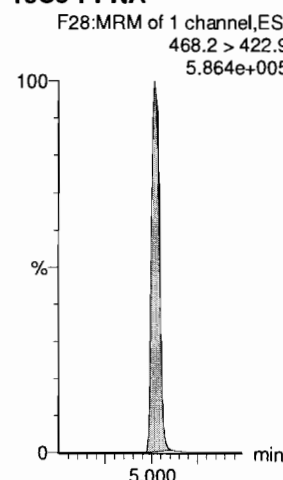
13C2-PFOA



13C8-PFOS



13C5-PFNA



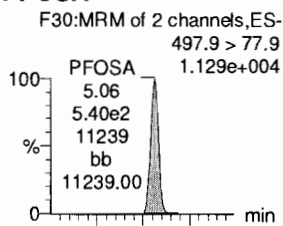
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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

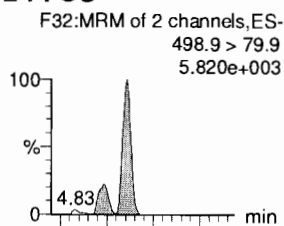
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Name: 181028M1_4, Date: 28-Oct-2018, Time: 10:41:05, ID: ST181028M1-3 PFC CS0 18J1817, Description: PFC CS0 18J1817

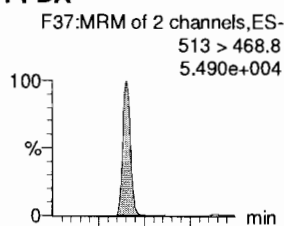
PFOSA



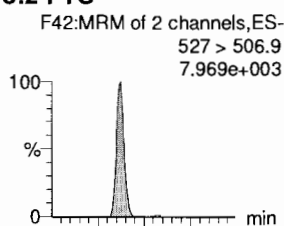
L-PFOS



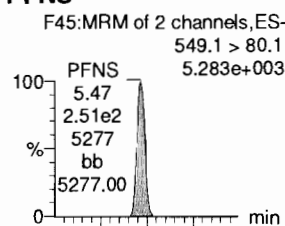
PFDA



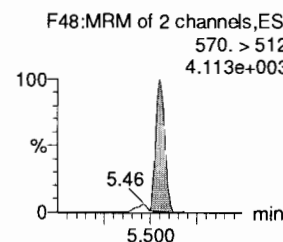
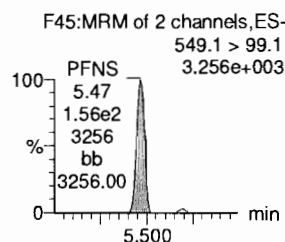
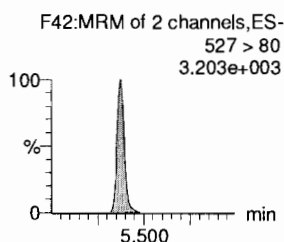
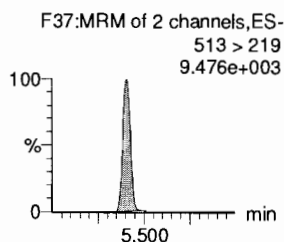
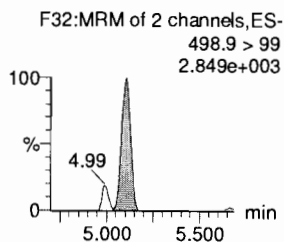
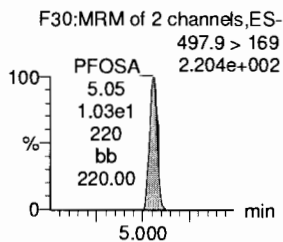
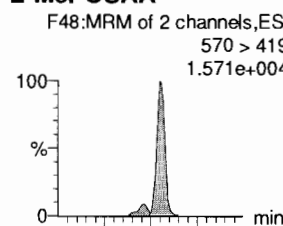
8:2 FTS



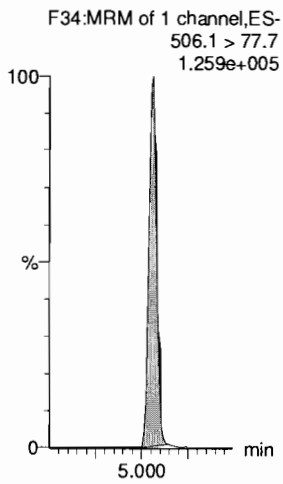
PFNS



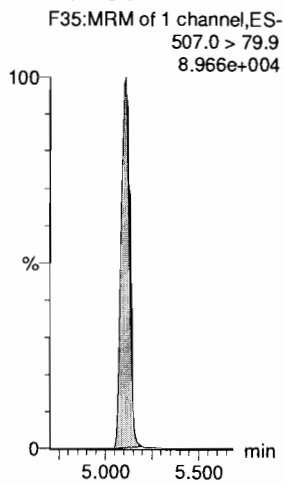
L-MeFOSAA



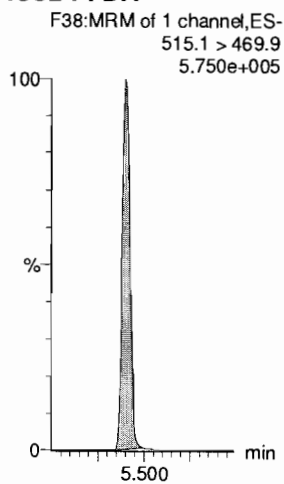
13C8-PFOSA



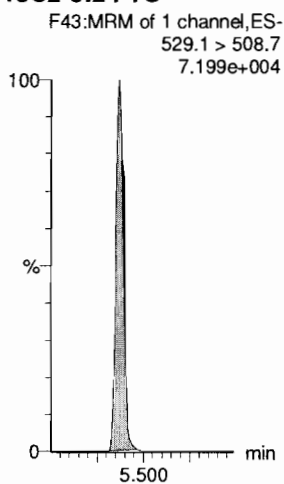
13C8-PFOS



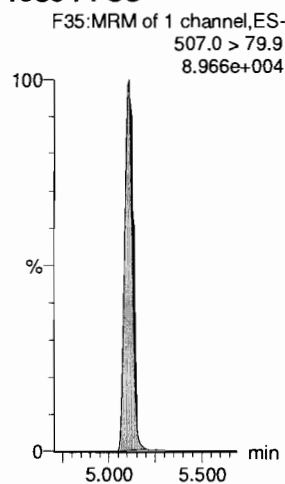
13C2-PFDA



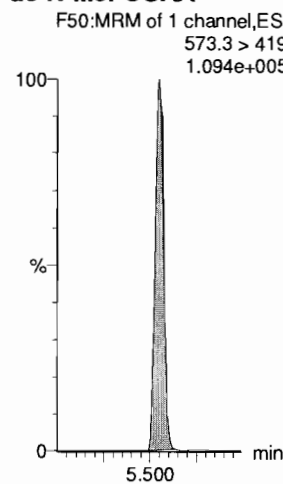
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

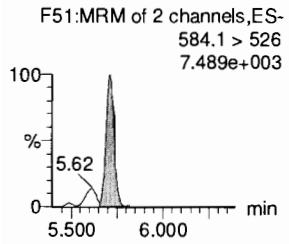
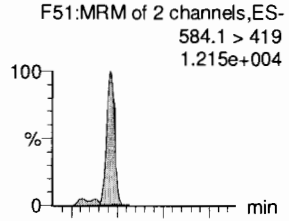


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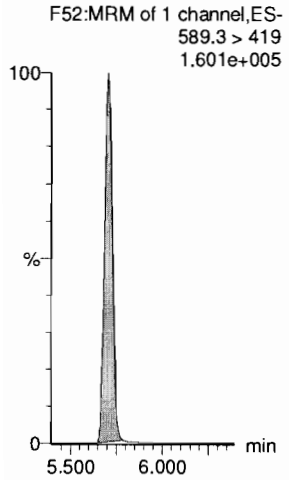
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Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_4, Date: 28-Oct-2018, Time: 10:41:05, ID: ST181028M1-3 PFC CS0 18J1817, Description: PFC CS0 18J1817

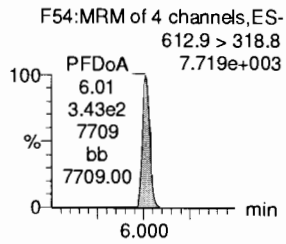
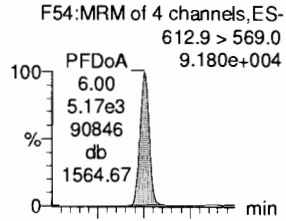
L-EtFOSAA



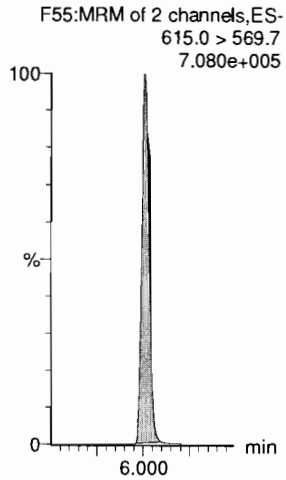
d5-N-EtFOSAA



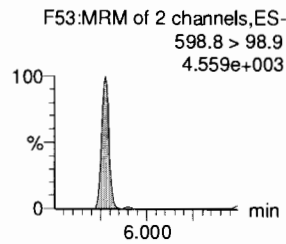
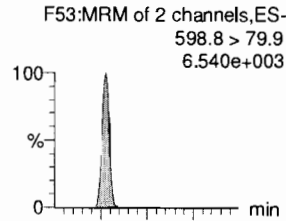
PFDoA



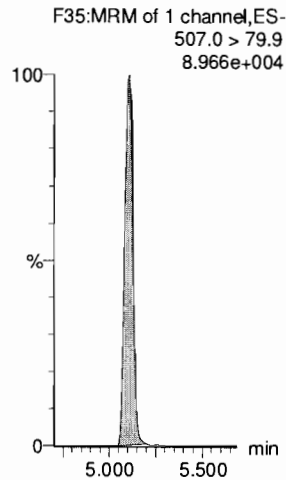
13C2-PFDoA



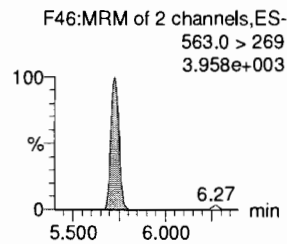
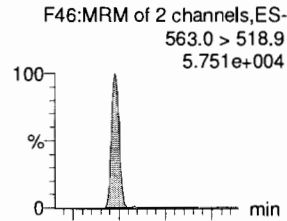
PFDS



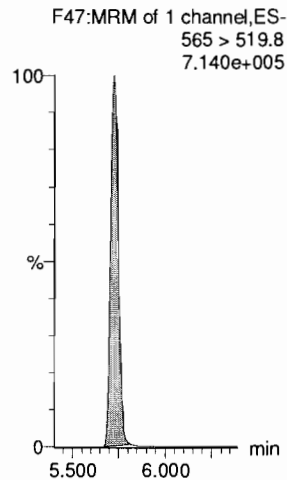
13C8-PFOS



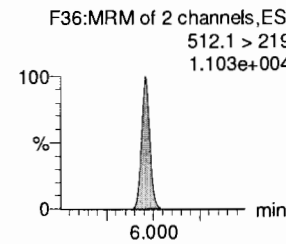
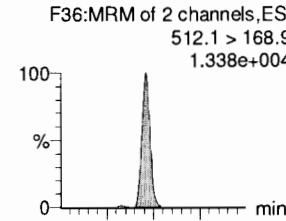
PFUdA



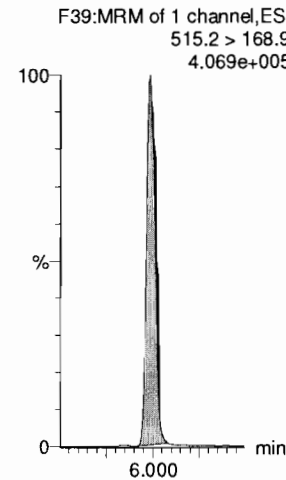
13C2-PFUdA



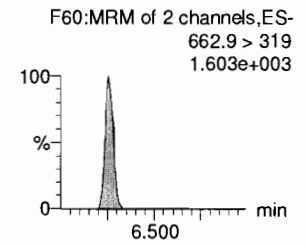
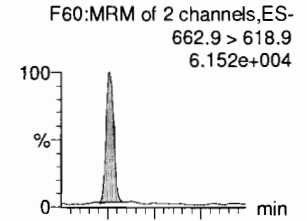
N-MeFOSA



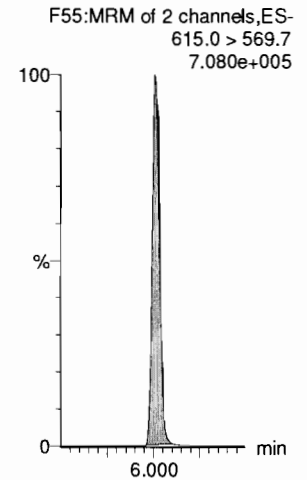
d3-N-MeFOSA



PFTrDA



13C2-PFDoA

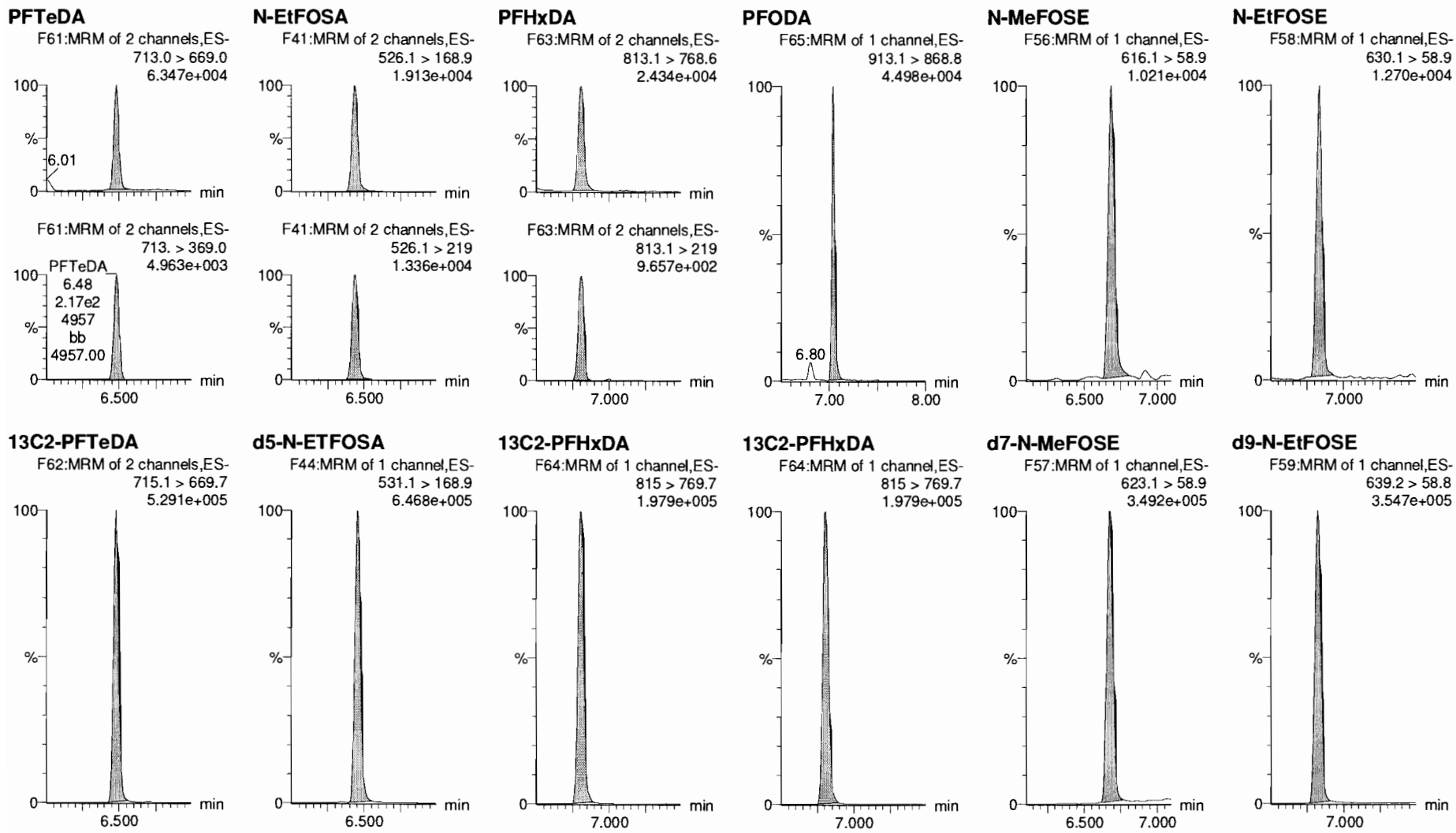


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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_4, Date: 28-Oct-2018, Time: 10:41:05, ID: ST181028M1-3 PFC CS0 18J1817, Description: PFC CS0 18J1817



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

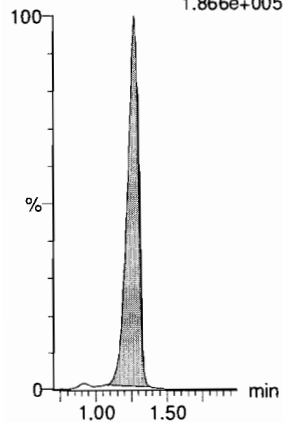
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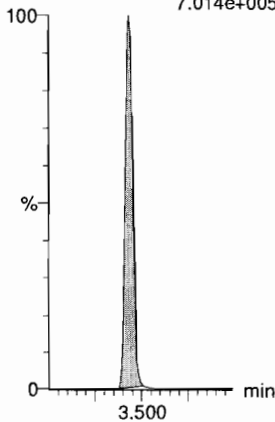
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.866e+005



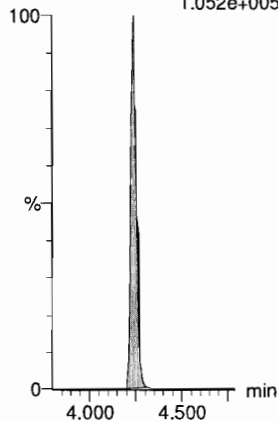
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.014e+005



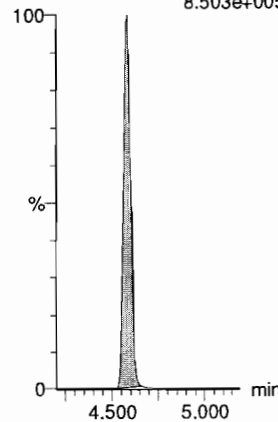
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.052e+005



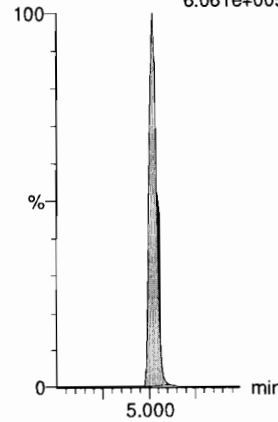
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.503e+005



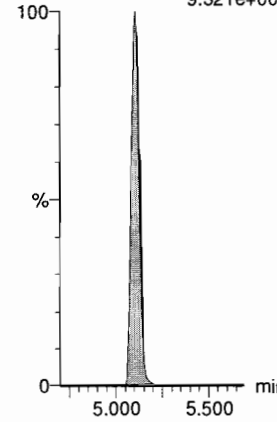
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.061e+005



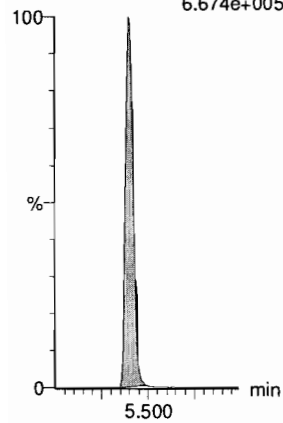
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.321e+004



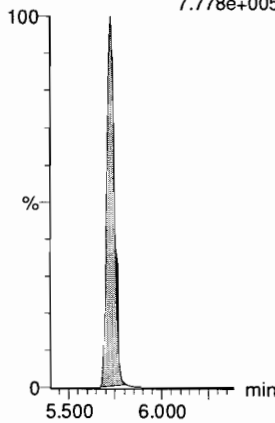
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.674e+005



13C7-PFuDA

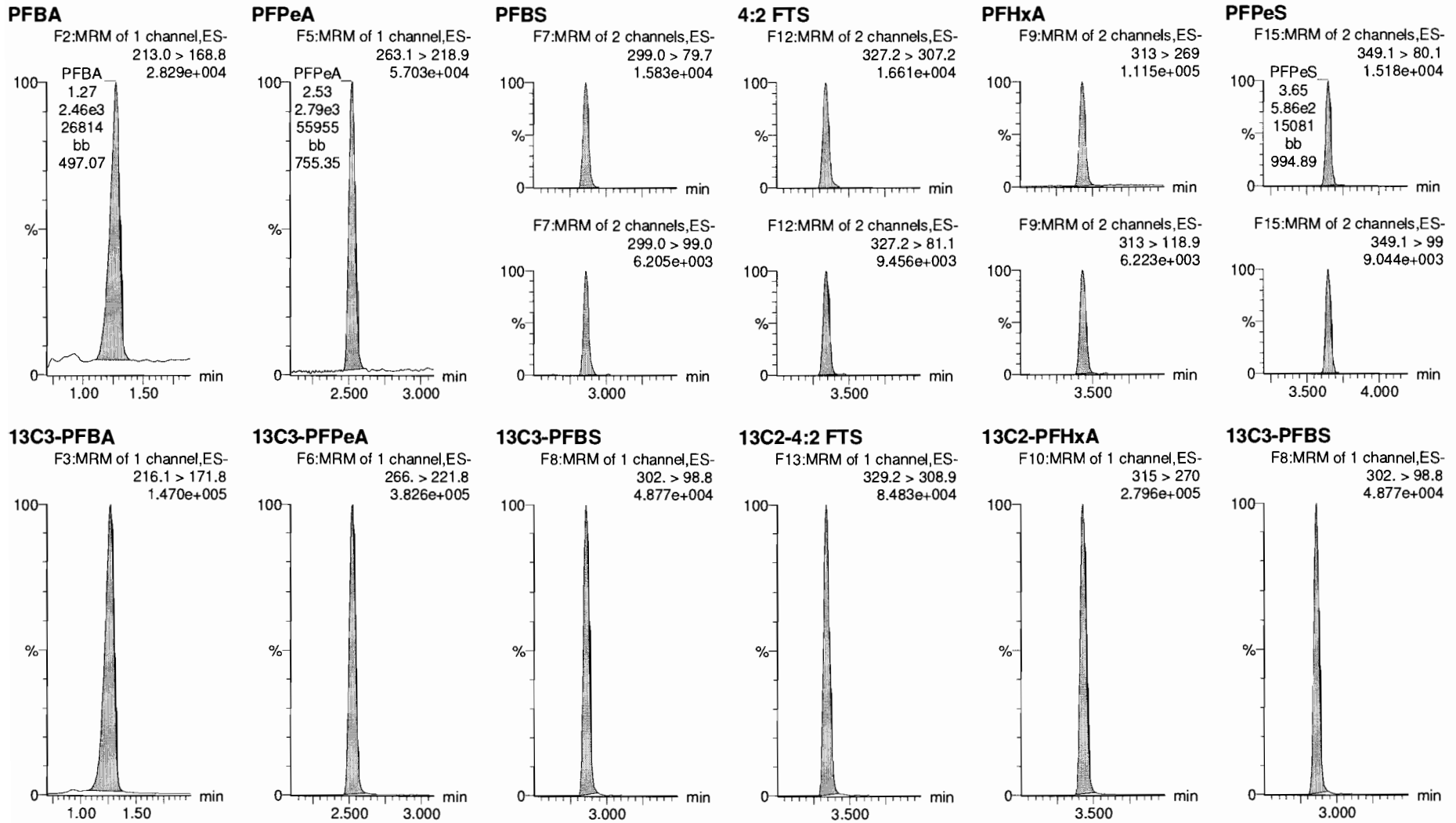
F49:MRM of 1 channel,ES-
570.1 > 524.8
7.778e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

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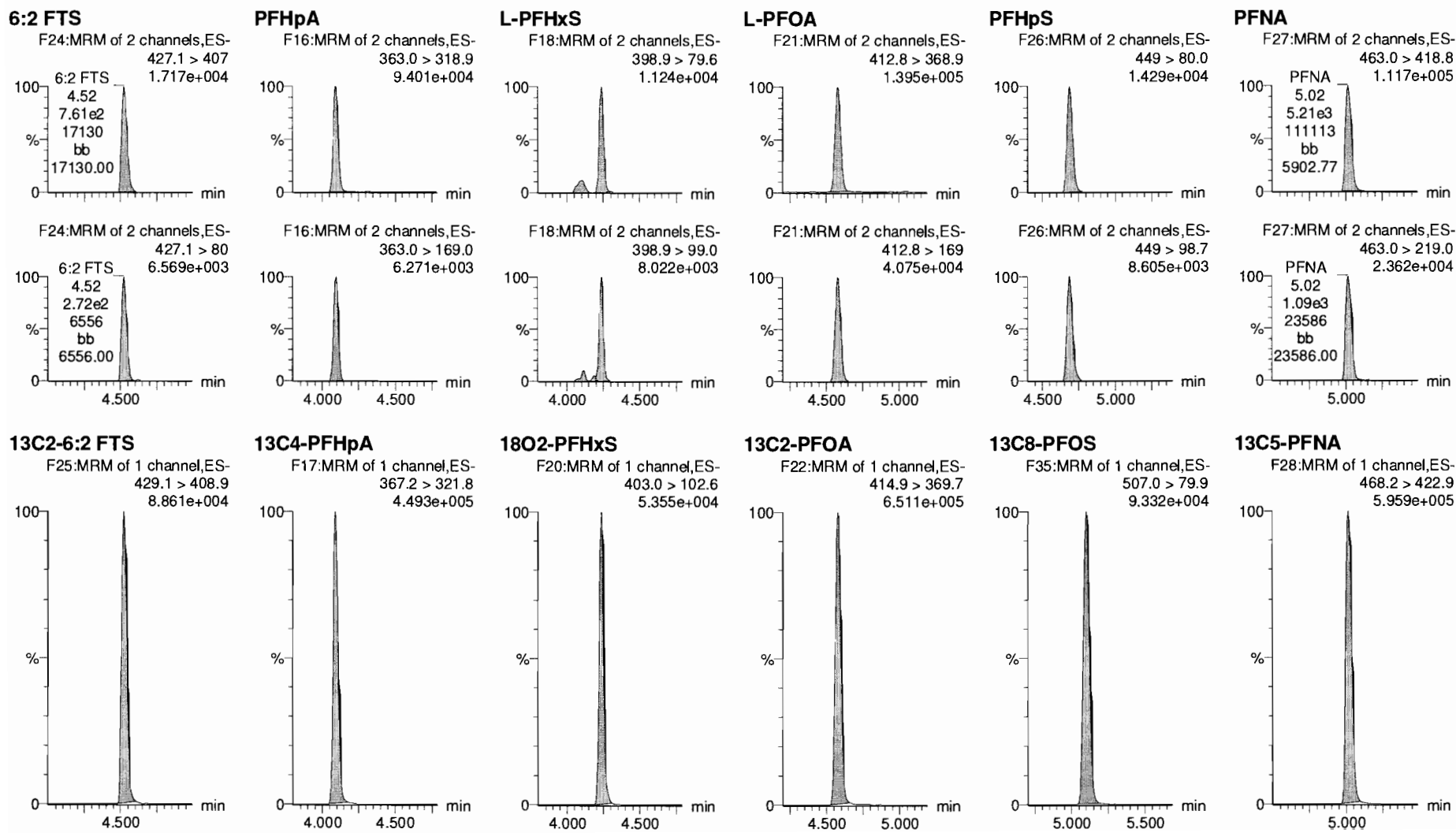


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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_5, Date: 28-Oct-2018, Time: 10:51:43, ID: ST181028M1-4 PFC CS1 18J1818, Description: PFC CS1 18J1818



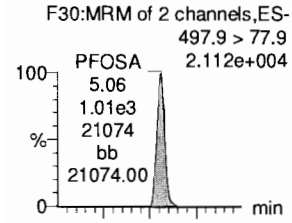
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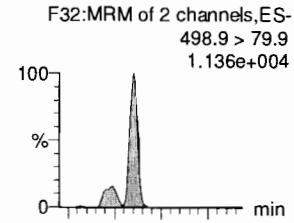
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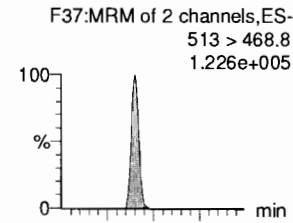
PFOSA



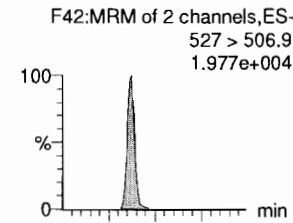
L-PFOS



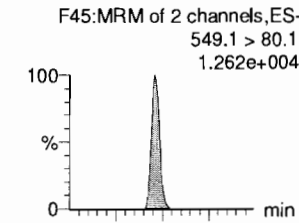
PFDA



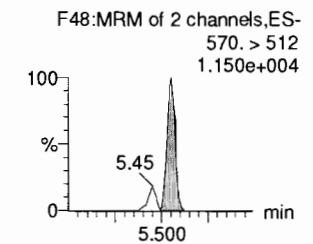
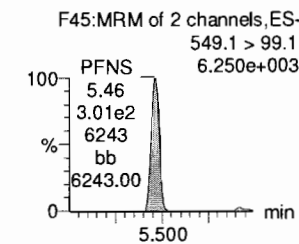
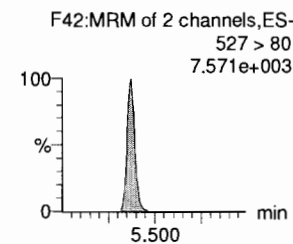
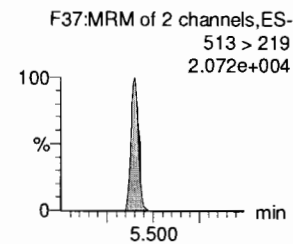
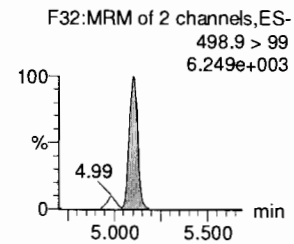
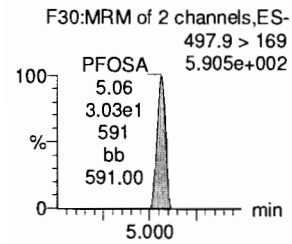
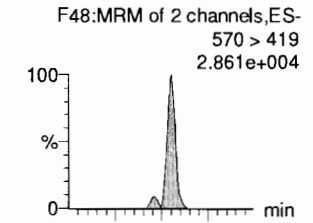
8:2 FTS



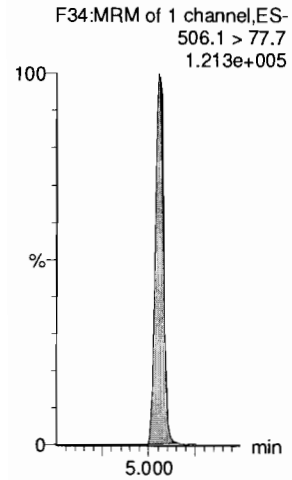
PFNS



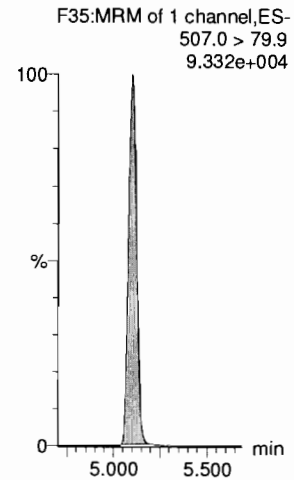
L-MeFOSAA



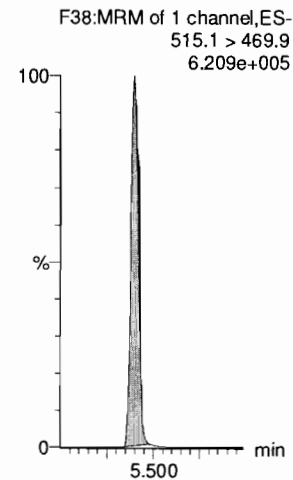
13C8-PFOSA



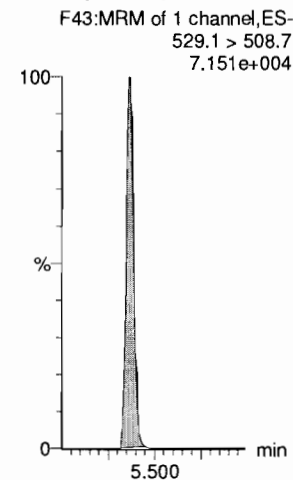
13C8-PFOS



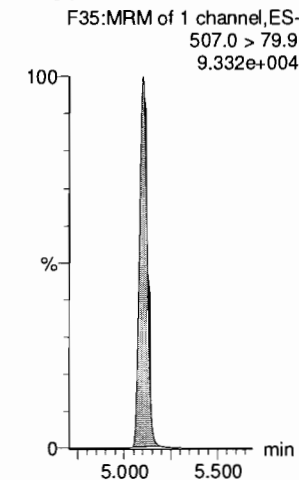
13C2-PFDA



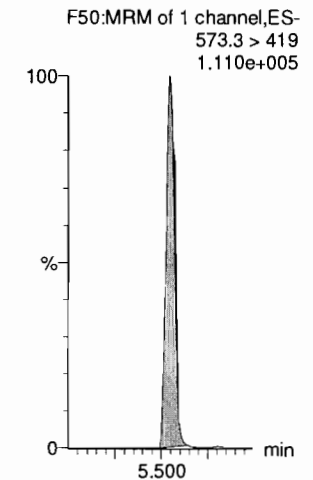
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

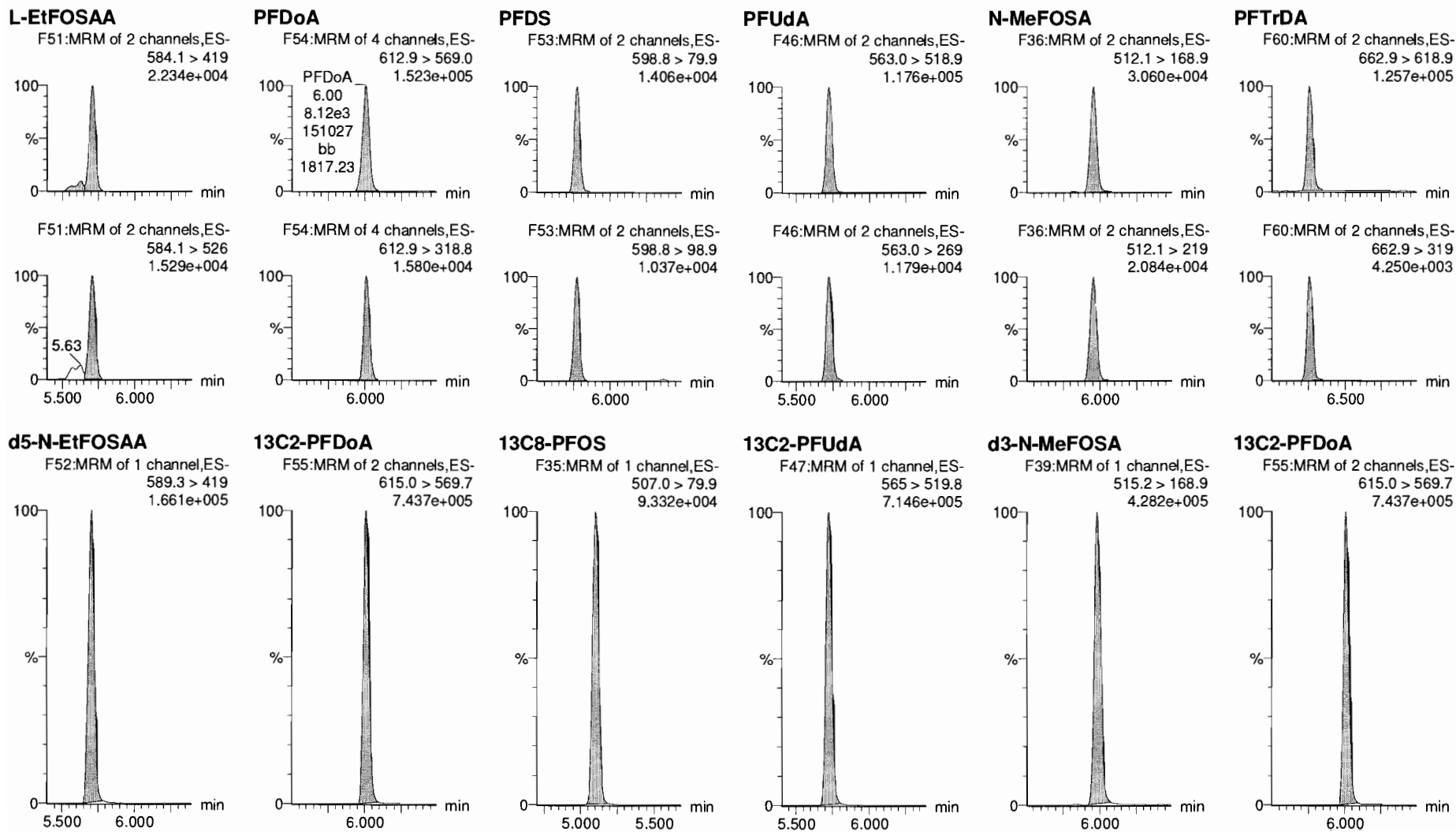


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_5, Date: 28-Oct-2018, Time: 10:51:43, ID: ST181028M1-4 PFC CS1 18J1818, Description: PFC CS1 18J1818

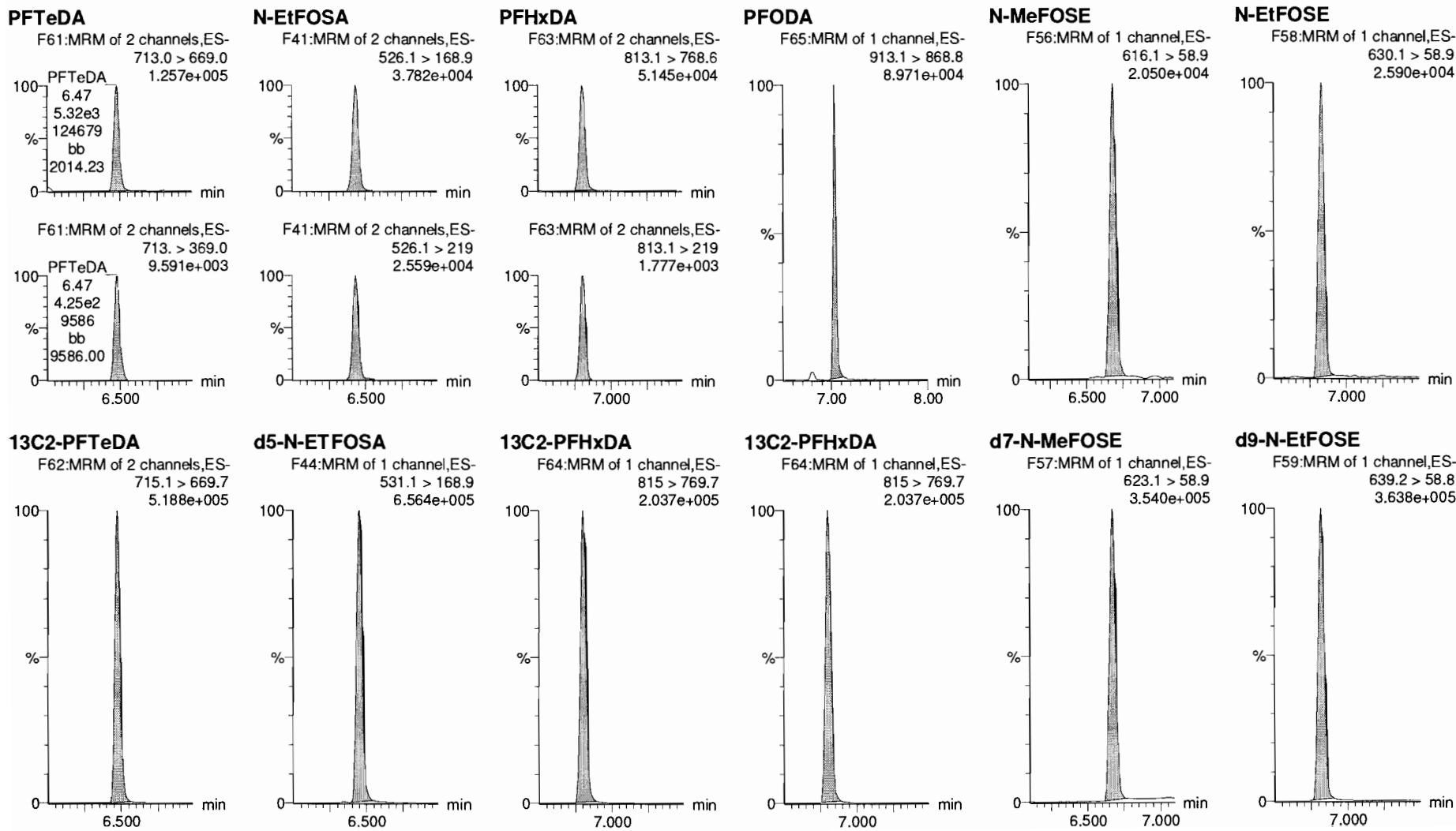


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Name: 181028M1_5, Date: 28-Oct-2018, Time: 10:51:43, ID: ST181028M1-4 PFC CS1 18J1818, Description: PFC CS1 18J1818



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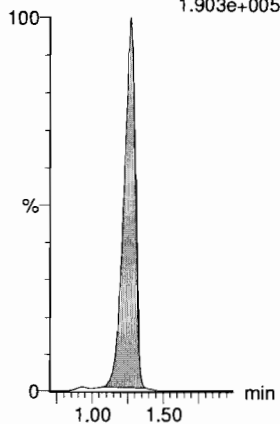
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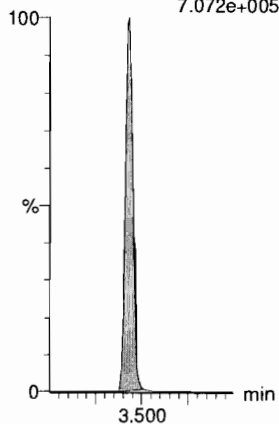
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.903e+005



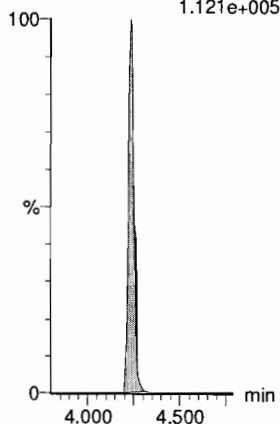
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.072e+005



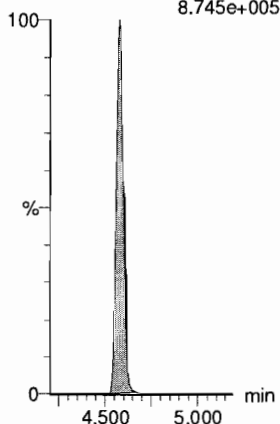
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.121e+005



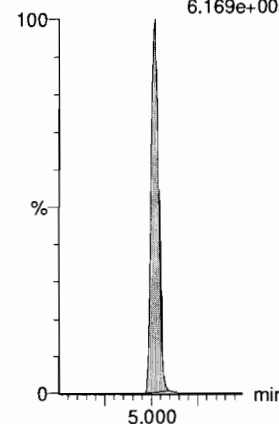
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.745e+005



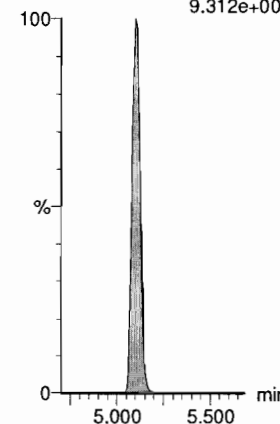
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.169e+005



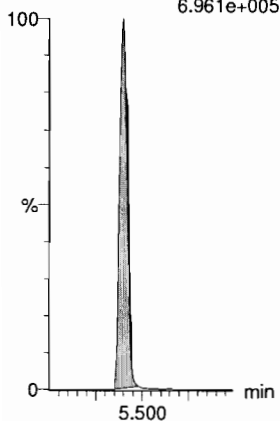
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.312e+004



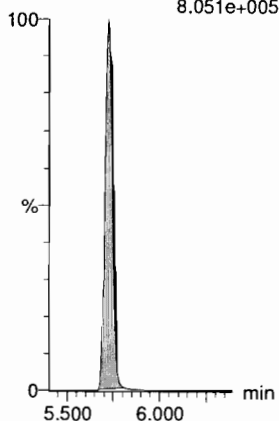
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.961e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
8.051e+005



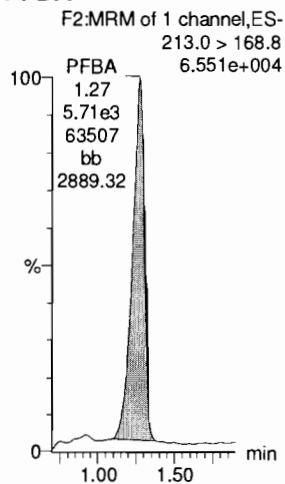
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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

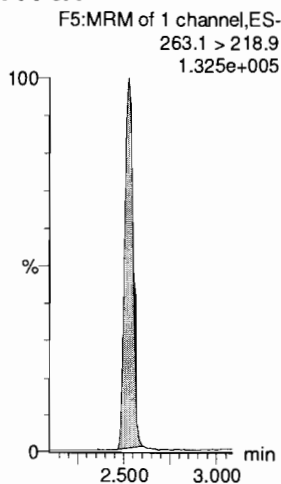
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Name: 181028M1_6, Date: 28-Oct-2018, Time: 11:02:16, ID: ST181028M1-5 PFC CS2 18J1819, Description: PFC CS2 18J1819

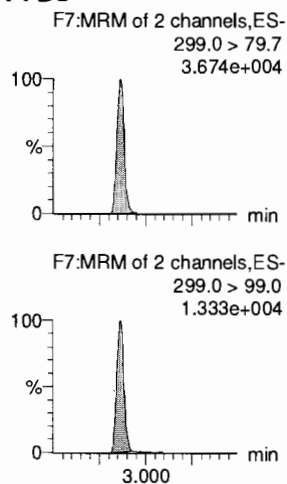
PFBA



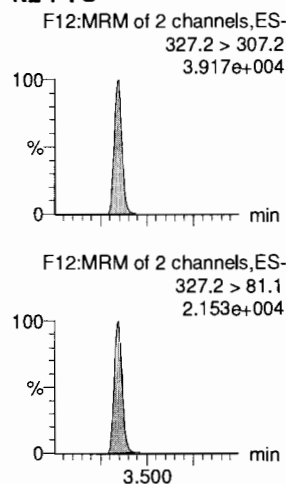
PFPeA



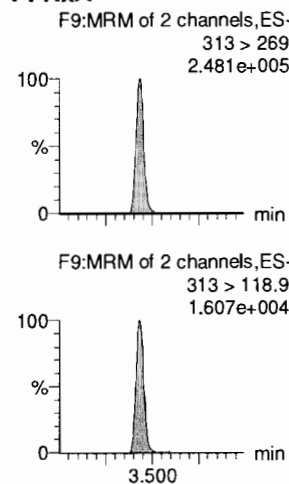
PFBS



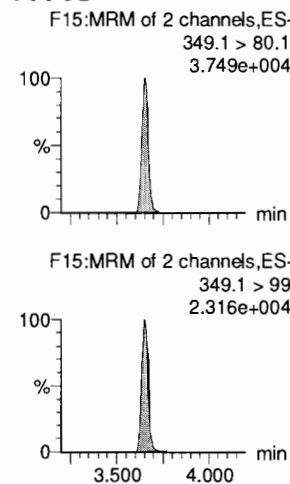
4:2 FTS



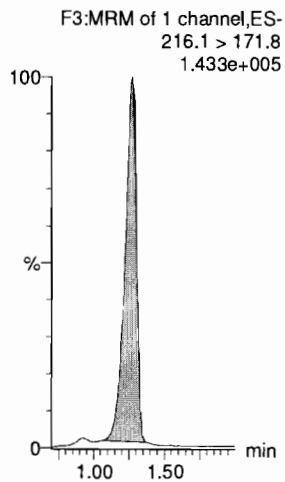
PFHxA



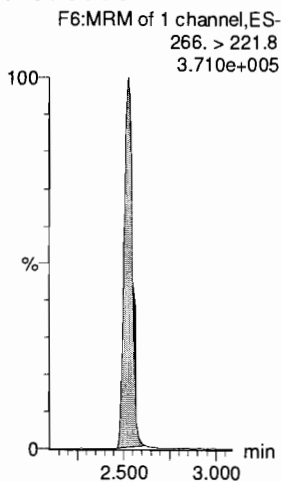
PFPeS



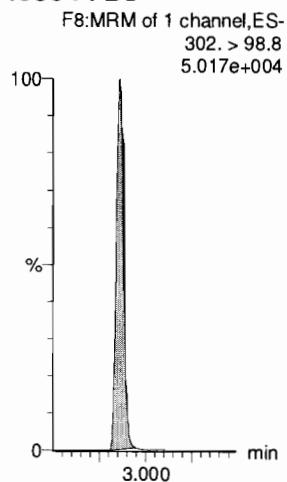
13C3-PFBA



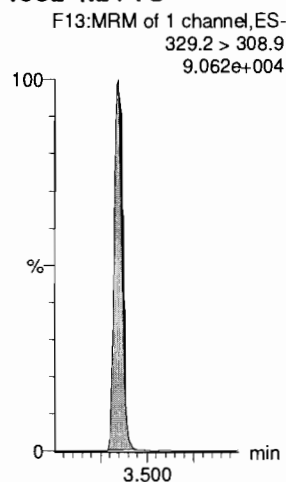
13C3-PFPeA



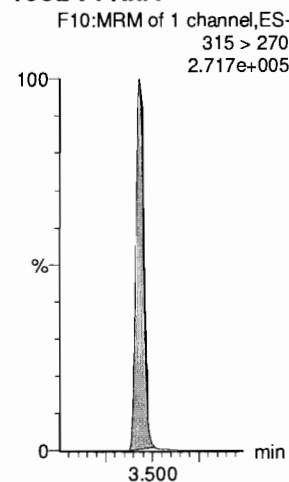
13C3-PFBS



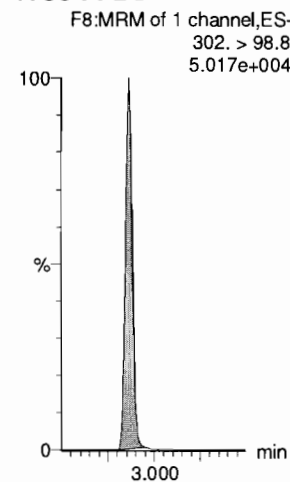
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

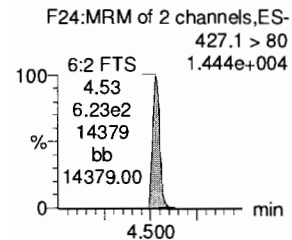
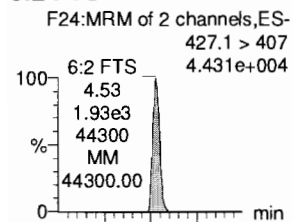


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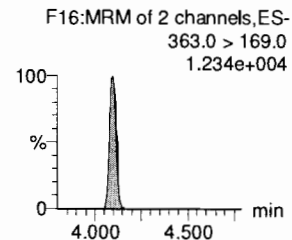
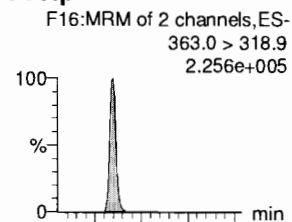
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Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_6, Date: 28-Oct-2018, Time: 11:02:16, ID: ST181028M1-5 PFC CS2 18J1819, Description: PFC CS2 18J1819

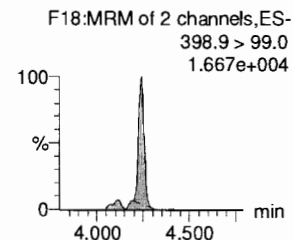
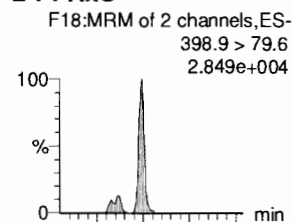
6:2 FTS



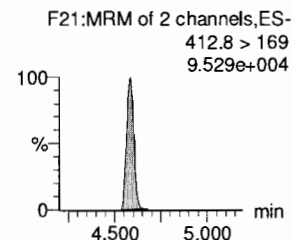
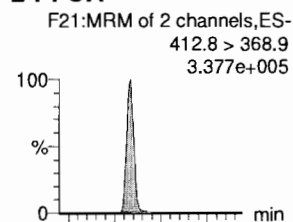
PFHpA



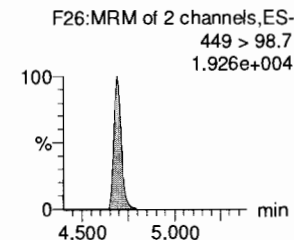
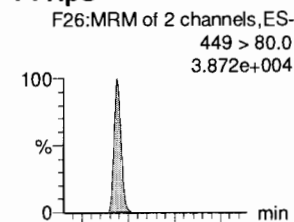
L-PFHxS



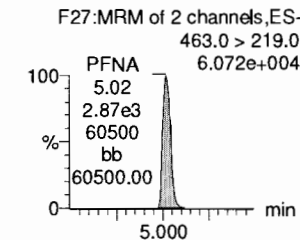
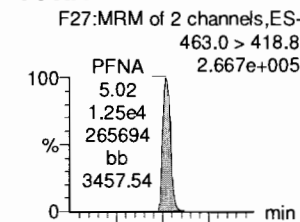
L-PFOA



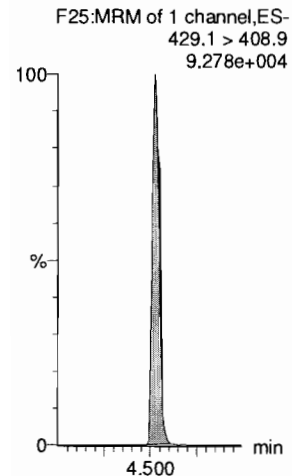
PFHpS



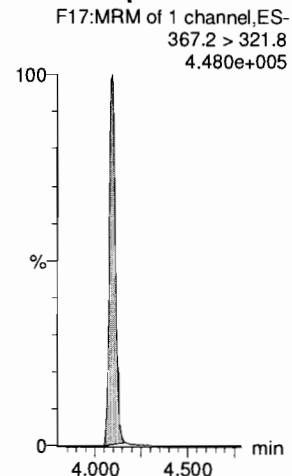
PFNA



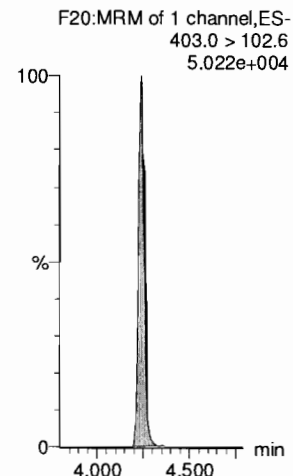
13C2-6:2 FTS



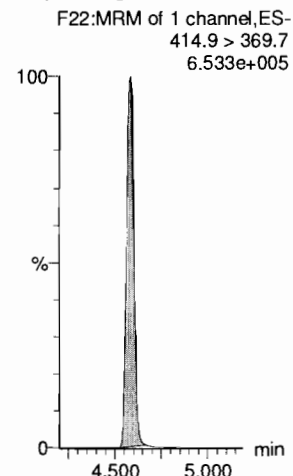
13C4-PFHpA



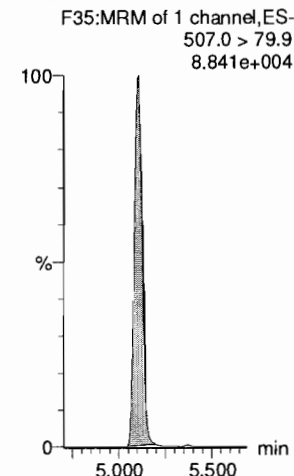
18O2-PFHxS



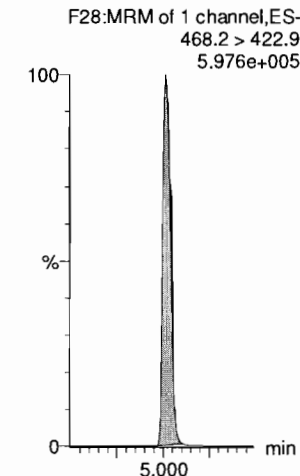
13C2-PFOA



13C8-PFOS



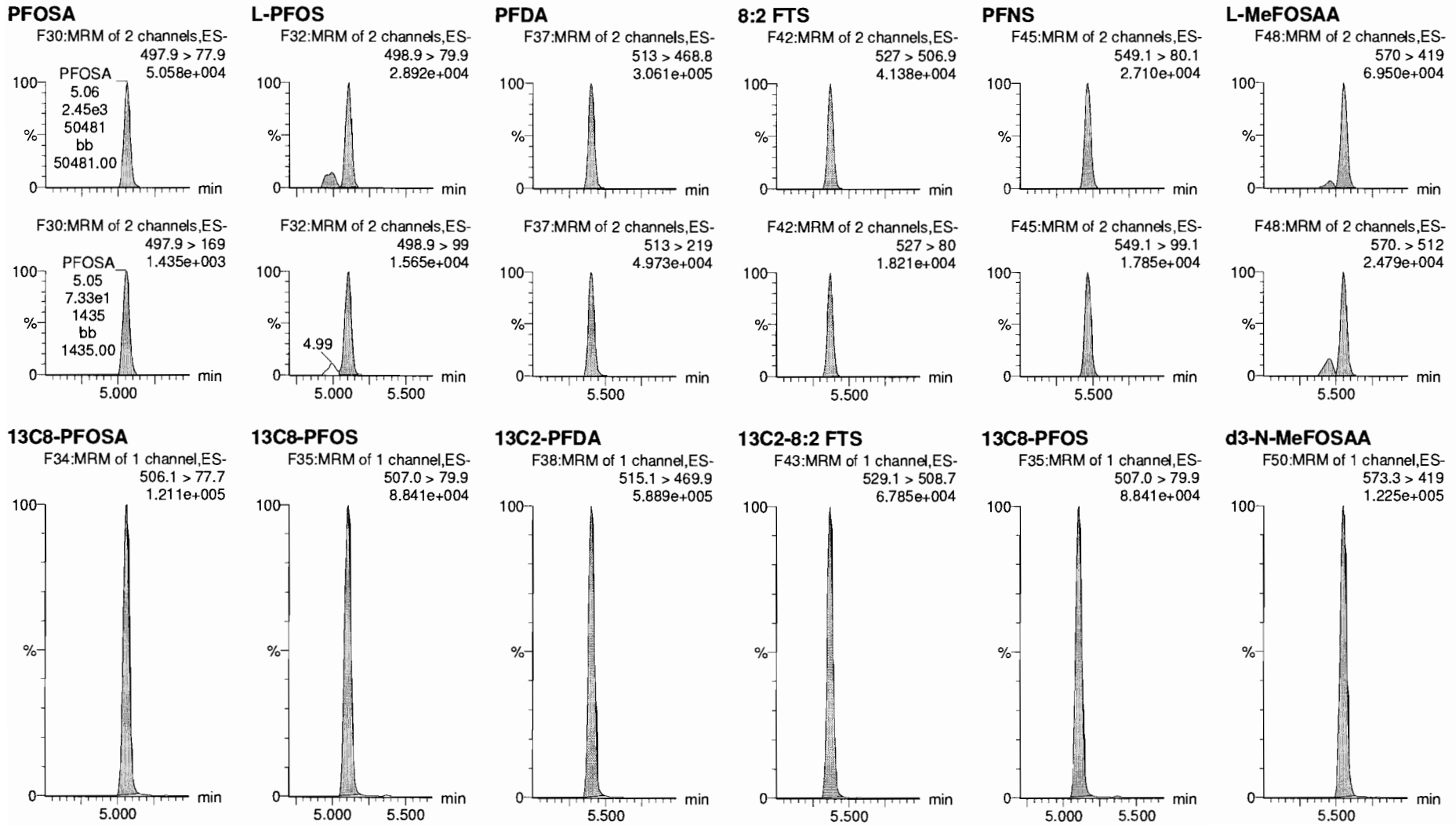
13C5-PFNA



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_6, Date: 28-Oct-2018, Time: 11:02:16, ID: ST181028M1-5 PFC CS2 18J1819, Description: PFC CS2 18J1819

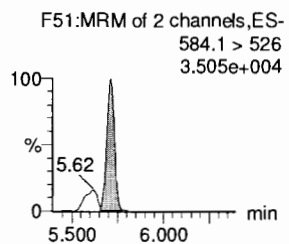
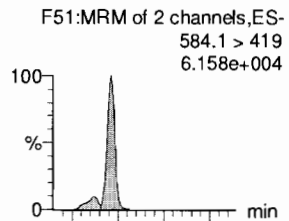


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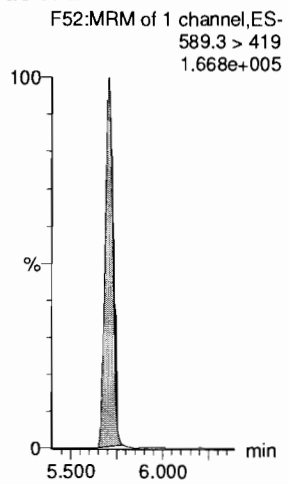
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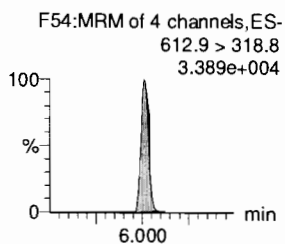
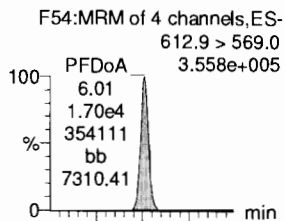
L-EtFOSAA



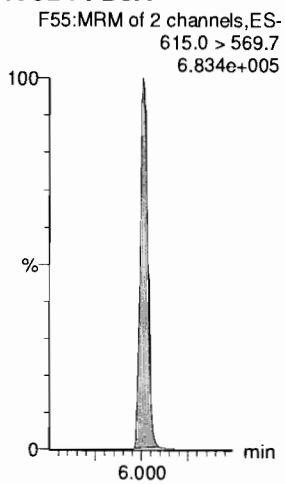
d5-N-EtFOSAA



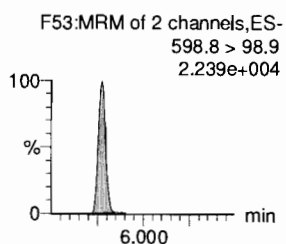
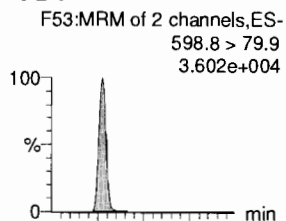
PFDoA



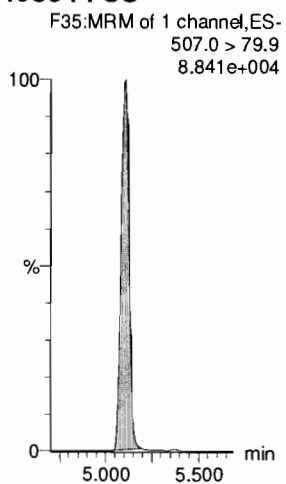
13C2-PFDoA



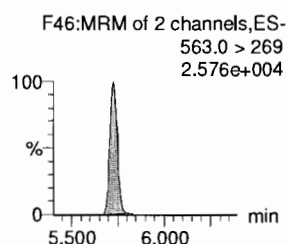
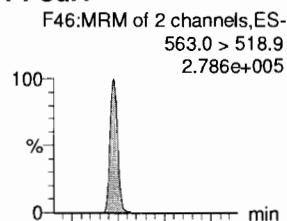
PFDS



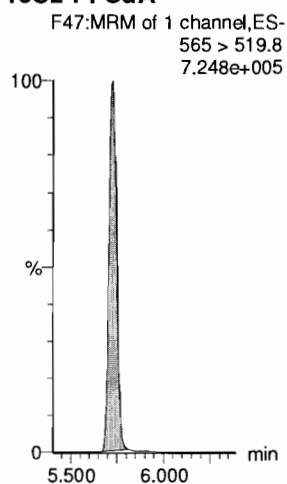
13C8-PFOS



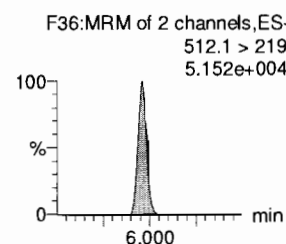
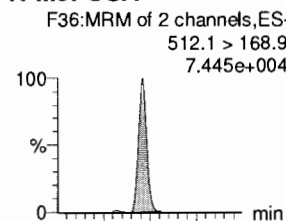
PFUdA



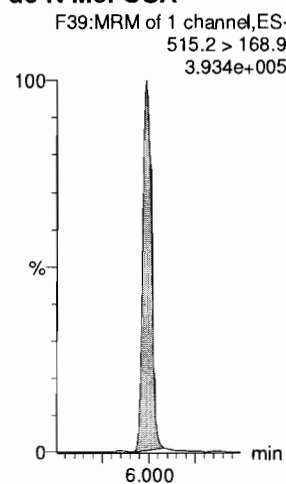
13C2-PFUdA



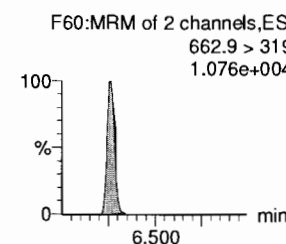
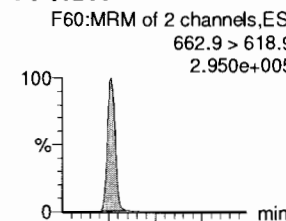
N-MeFOSA



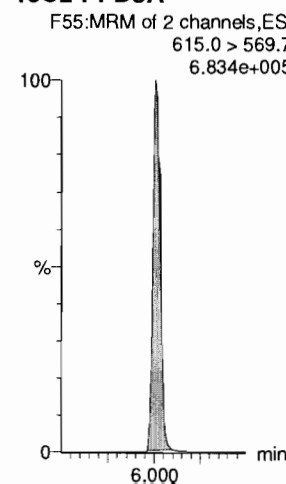
d3-N-MeFOSA



PFTrDA



13C2-PFDoA



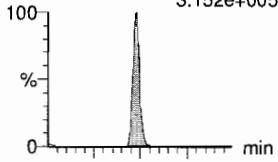
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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

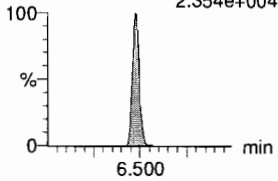
Name: 181028M1_6, Date: 28-Oct-2018, Time: 11:02:16, ID: ST181028M1-5 PFC CS2 18J1819, Description: PFC CS2 18J1819

PFTeDA

F61:MRM of 2 channels,ES-
713.0 > 669.0
3.152e+005

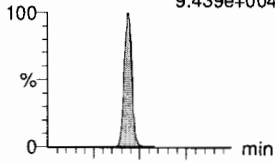


F61:MRM of 2 channels,ES-
713. > 369.0
2.354e+004

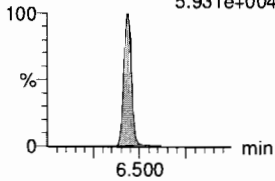


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
9.439e+004

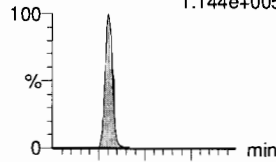


F41:MRM of 2 channels,ES-
526.1 > 219
5.931e+004

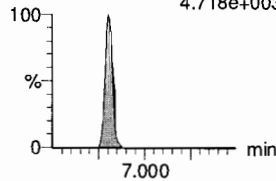


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
1.144e+005



F63:MRM of 2 channels,ES-
813.1 > 219
4.718e+003



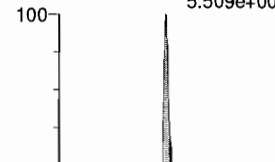
PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
2.213e+005



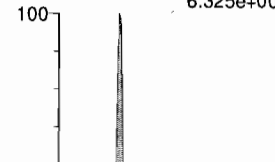
N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
5.509e+004



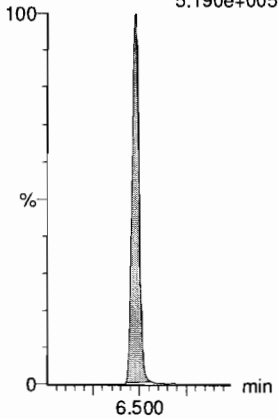
N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
6.325e+004



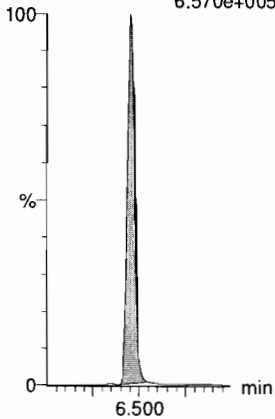
13C2-PFTeDA

F62:MRM of 2 channels,ES-
715.1 > 669.7
5.190e+005



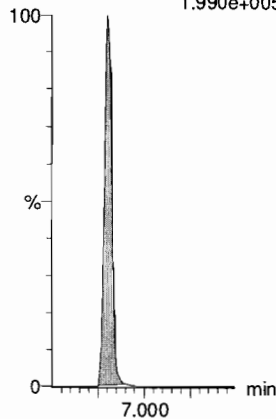
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
6.570e+005



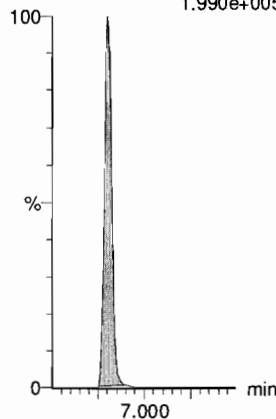
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
1.990e+005



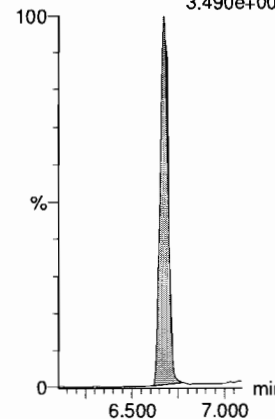
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
1.990e+005



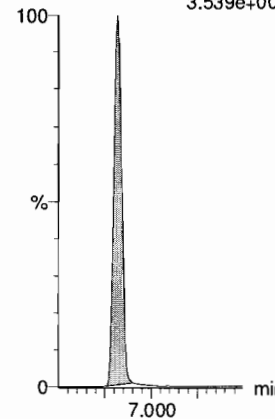
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
3.490e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
3.539e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

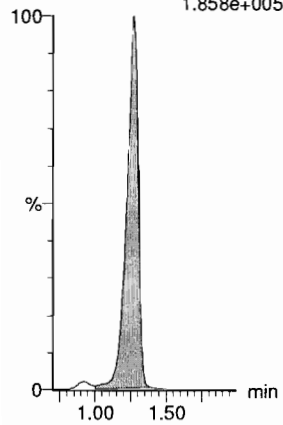
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_6, Date: 28-Oct-2018, Time: 11:02:16, ID: ST181028M1-5 PFC CS2 18J1819, Description: PFC CS2 18J1819

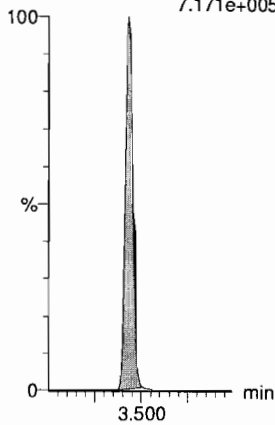
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.858e+005



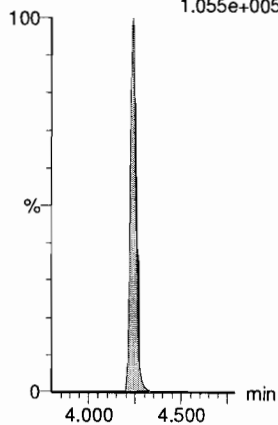
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
7.171e+005



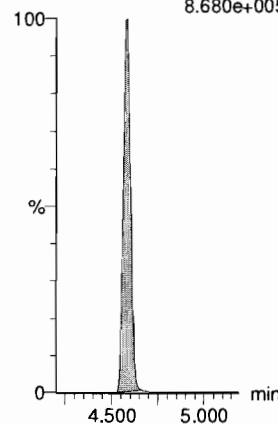
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.055e+005



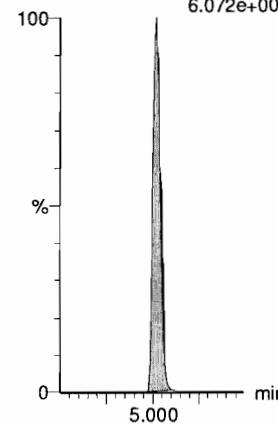
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.680e+005



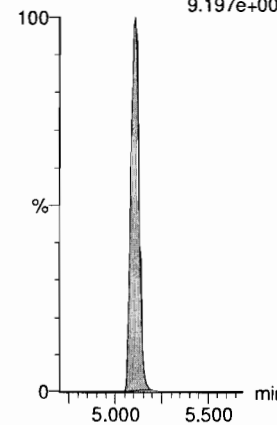
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.072e+005



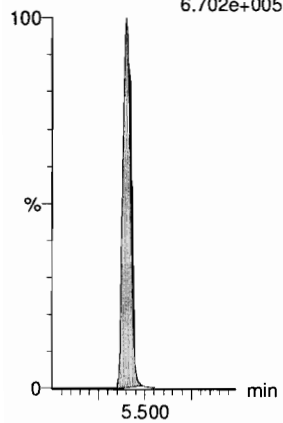
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.197e+004



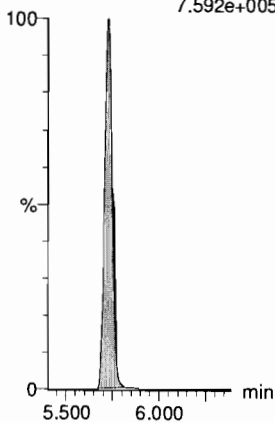
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.702e+005



13C7-PFuDA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.592e+005

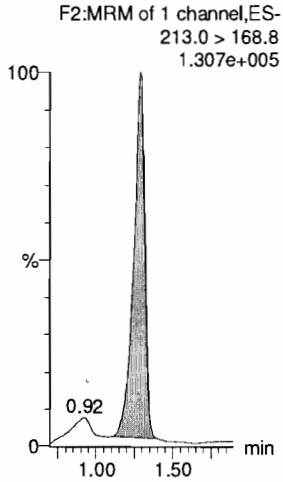


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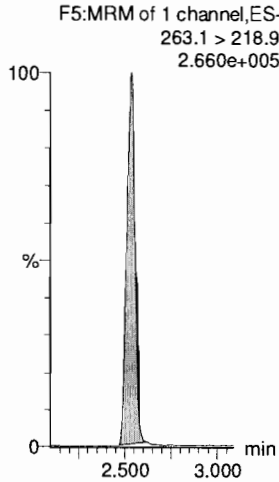
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_7, Date: 28-Oct-2018, Time: 11:12:54, ID: ST181028M1-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

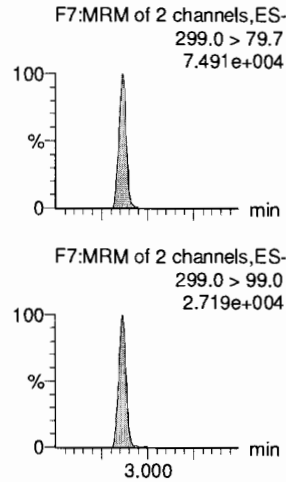
PFBA



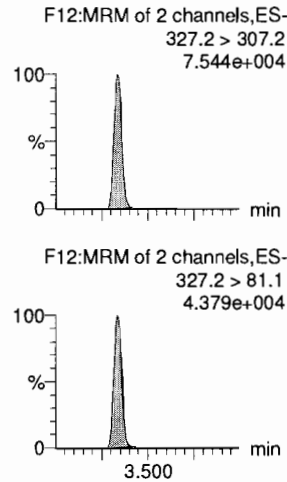
PFPeA



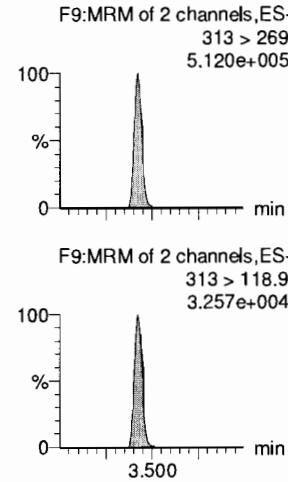
PFBS



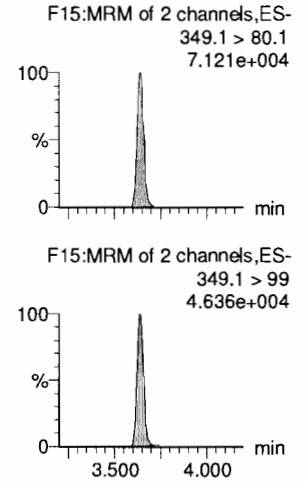
4:2 FTS



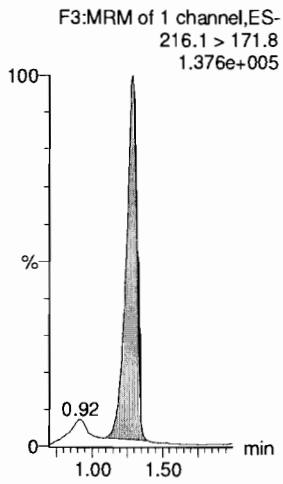
PFHxA



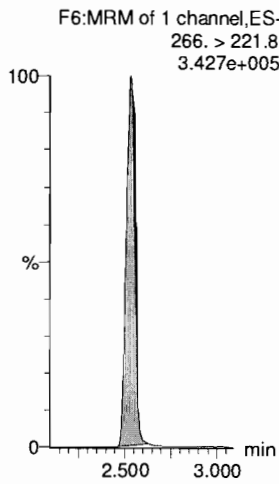
PFPeS



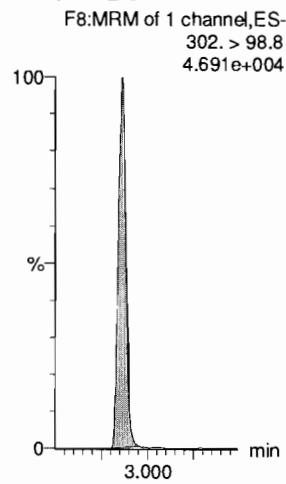
13C3-PFBA



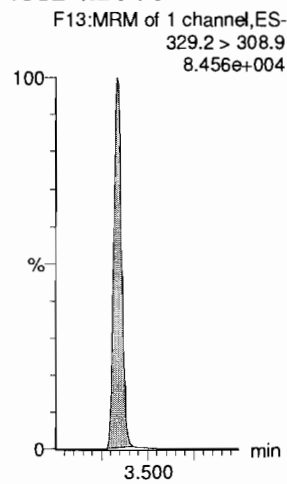
13C3-PFPeA



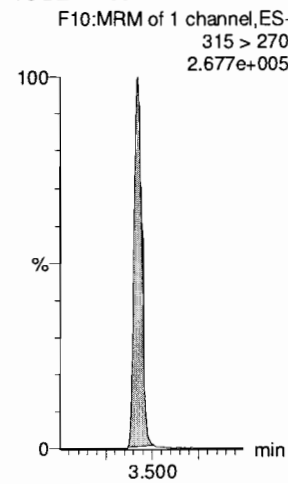
13C3-PFBS



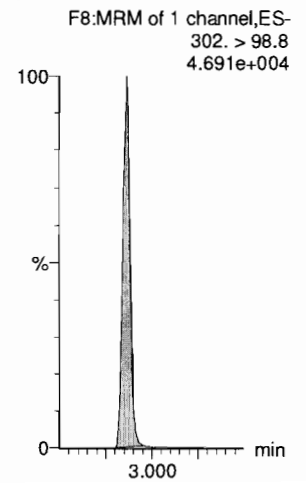
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

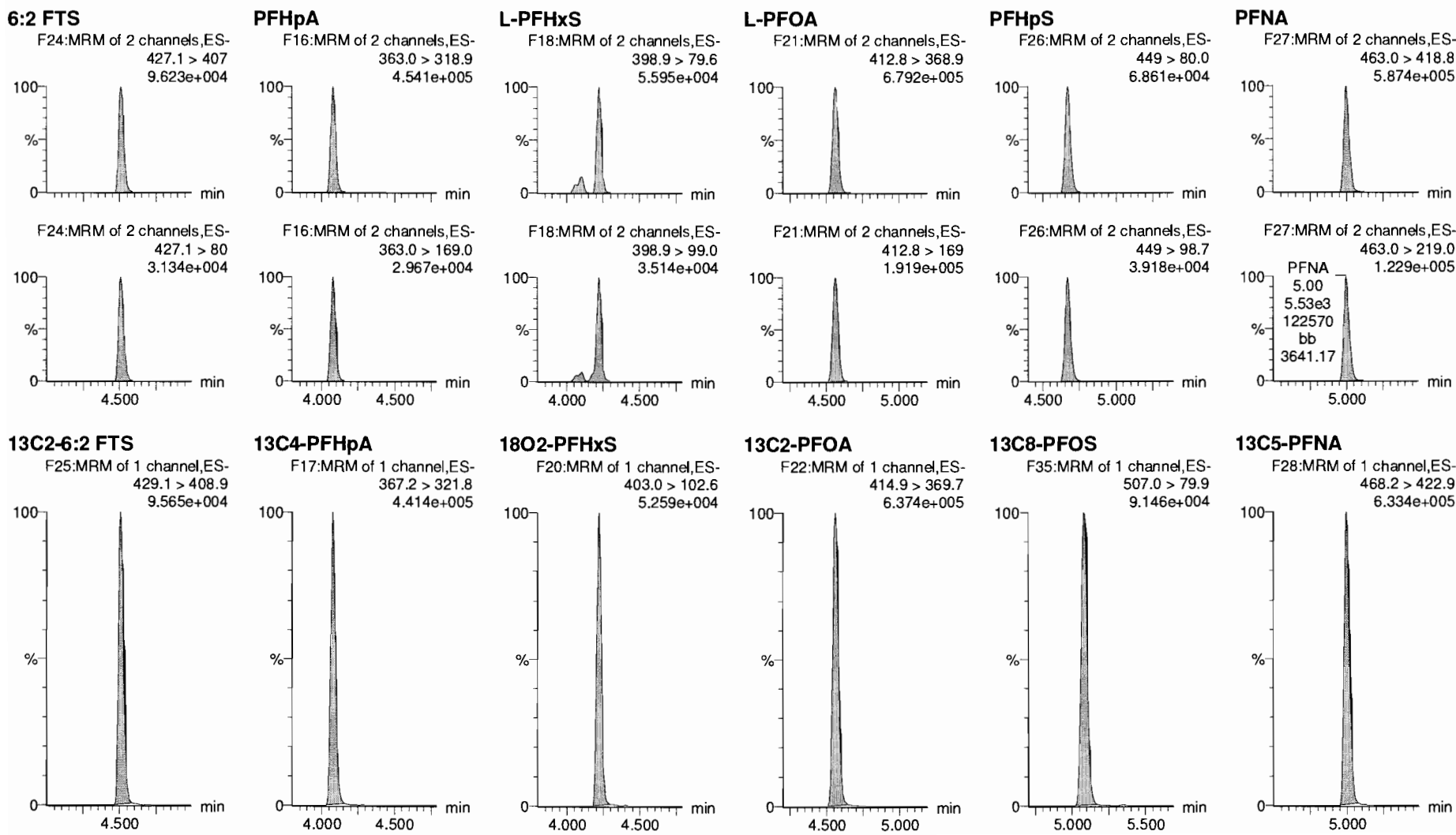


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

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Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_7, Date: 28-Oct-2018, Time: 11:12:54, ID: ST181028M1-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

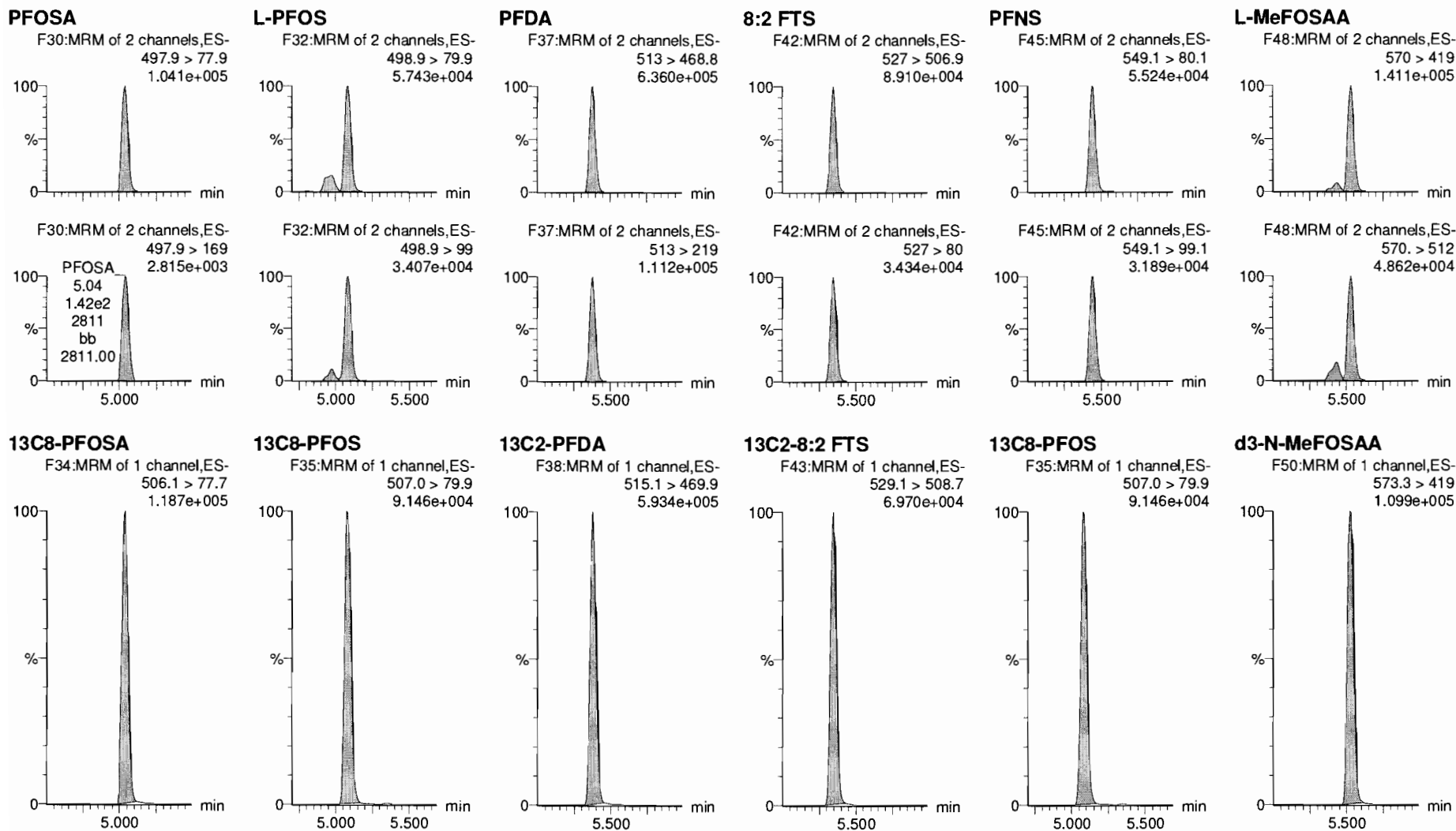


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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_7, Date: 28-Oct-2018, Time: 11:12:54, ID: ST181028M1-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

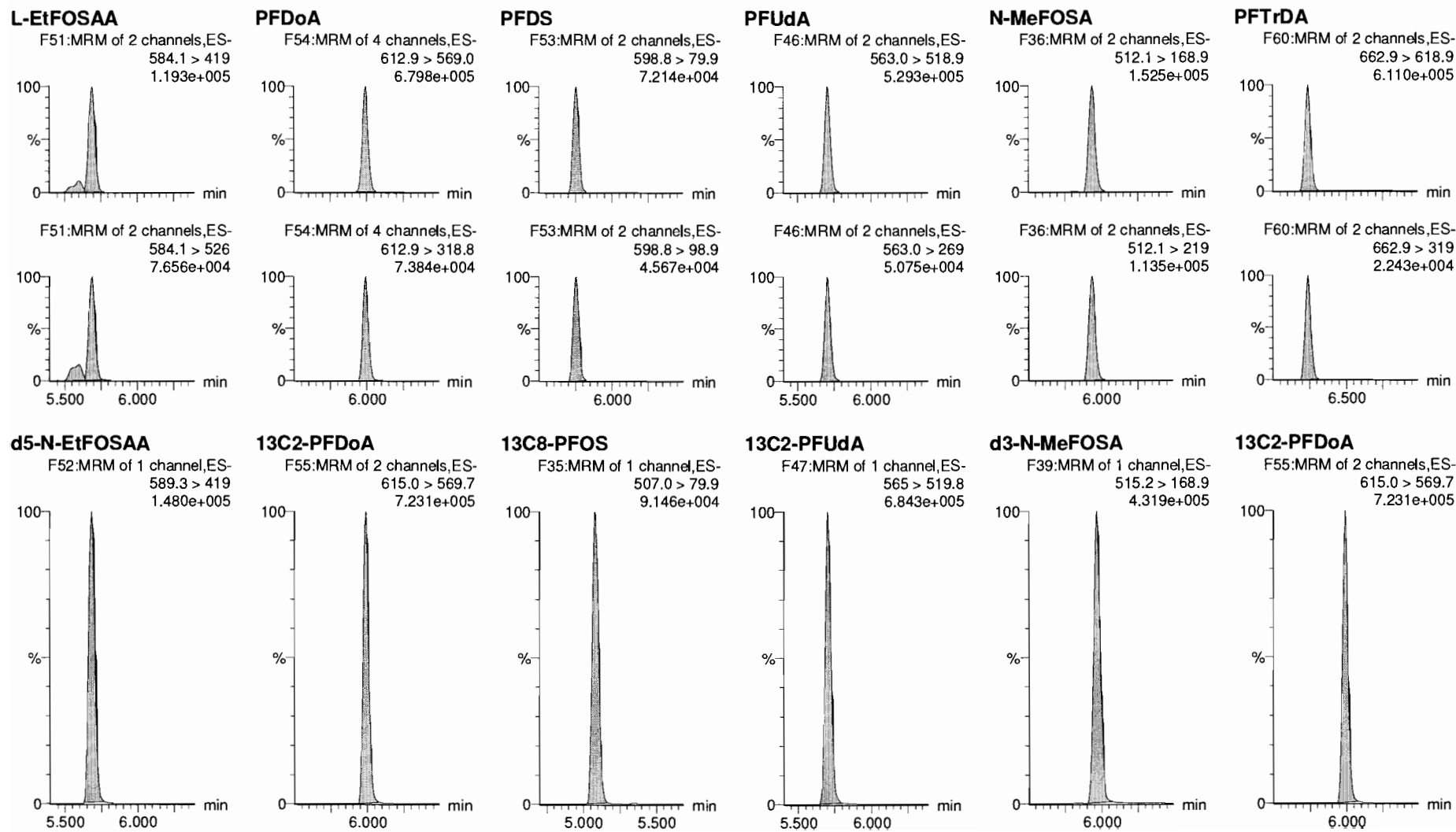


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Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_7, Date: 28-Oct-2018, Time: 11:12:54, ID: ST181028M1-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

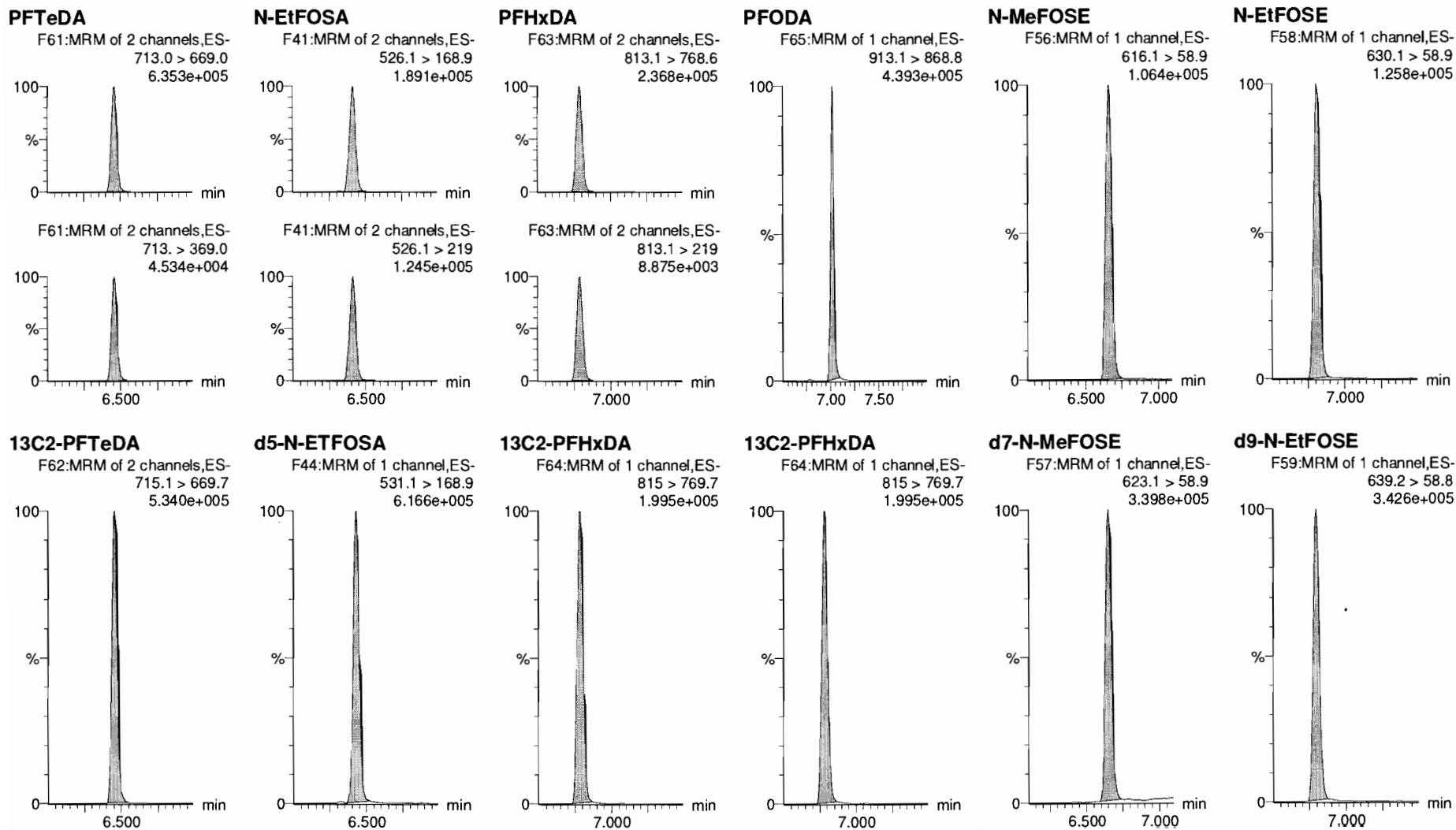


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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_7, Date: 28-Oct-2018, Time: 11:12:54, ID: ST181028M1-6 PFC CS3 18J1820, Description: PFC CS3 18J1820



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

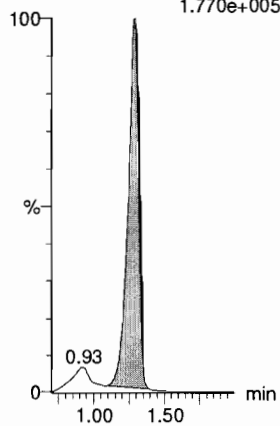
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_7, Date: 28-Oct-2018, Time: 11:12:54, ID: ST181028M1-6 PFC CS3 18J1820, Description: PFC CS3 18J1820

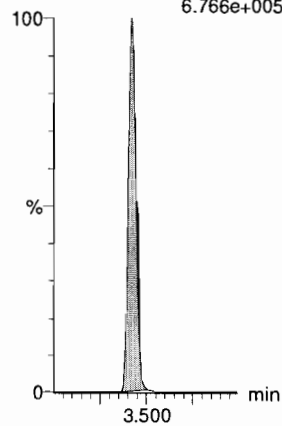
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.770e+005



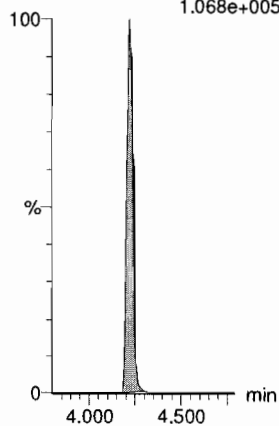
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.766e+005



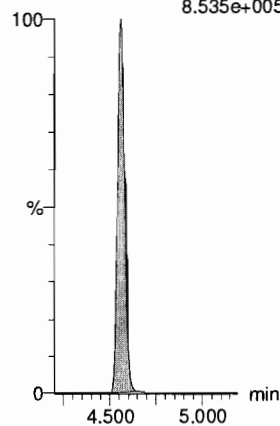
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.068e+005



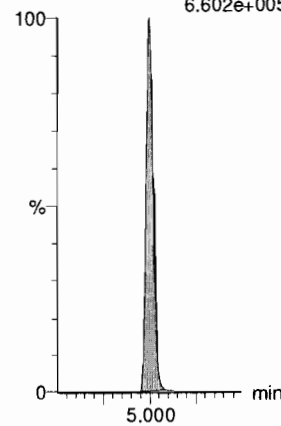
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.535e+005



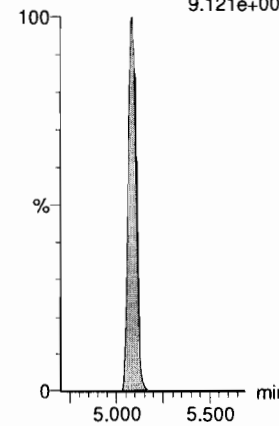
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.602e+005



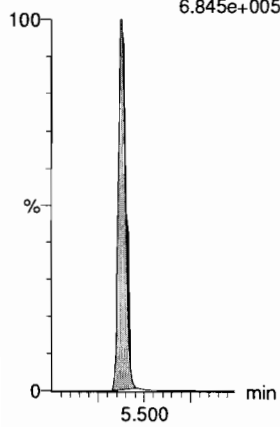
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.121e+004



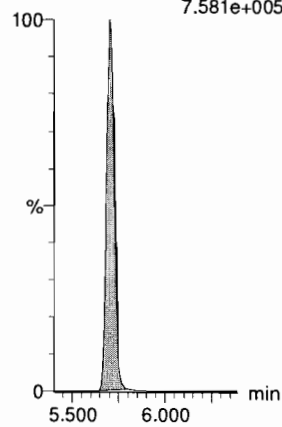
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.845e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.581e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

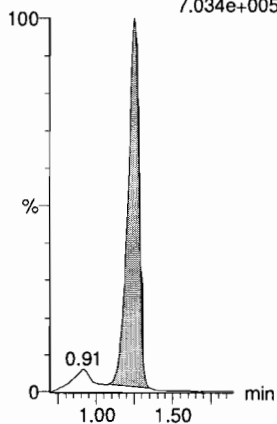
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Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_8, Date: 28-Oct-2018, Time: 11:23:27, ID: ST181028M1-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

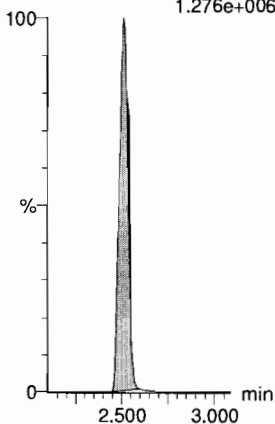
PFBA

F2:MRM of 1 channel,ES-
213.0 > 168.8
7.034e+005



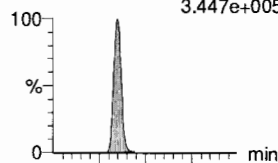
PFPeA

F5:MRM of 1 channel,ES-
263.1 > 218.9
1.276e+006



PFBS

F7:MRM of 2 channels,ES-
299.0 > 79.7
3.447e+005

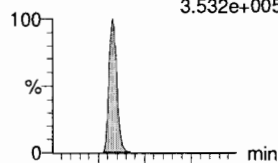


F7:MRM of 2 channels,ES-
299.0 > 99.0
1.328e+005

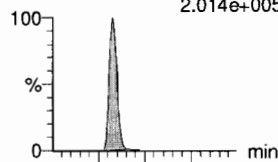


4:2 FTS

F12:MRM of 2 channels,ES-
327.2 > 307.2
3.532e+005

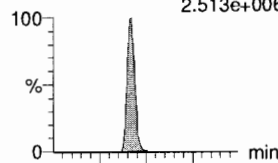


F12:MRM of 2 channels,ES-
327.2 > 81.1
2.014e+005

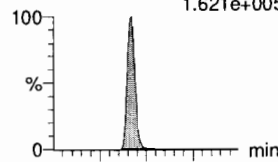


PFHxA

F9:MRM of 2 channels,ES-
313 > 269
2.513e+006

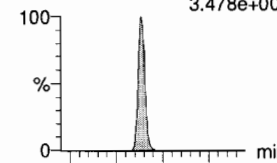


F9:MRM of 2 channels,ES-
313 > 118.9
1.621e+005

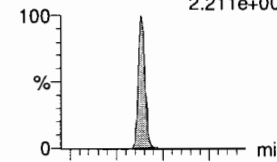


PFPeS

F15:MRM of 2 channels,ES-
349.1 > 80.1
3.478e+005

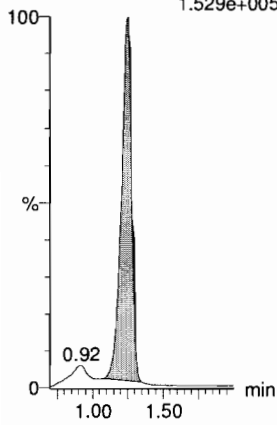


F15:MRM of 2 channels,ES-
349.1 > 99
2.211e+005



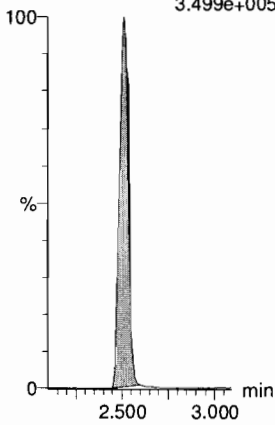
13C3-PFBA

F3:MRM of 1 channel,ES-
216.1 > 171.8
1.529e+005



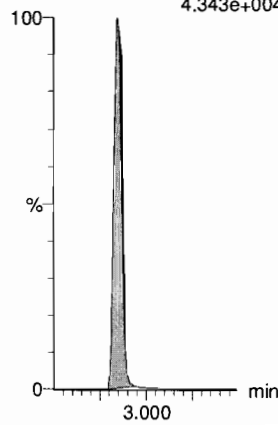
13C3-PFPeA

F6:MRM of 1 channel,ES-
266. > 221.8
3.499e+005



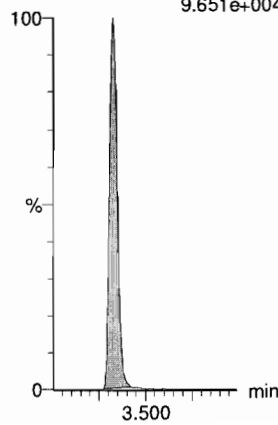
13C3-PFBS

F8:MRM of 1 channel,ES-
302. > 98.8
4.343e+004



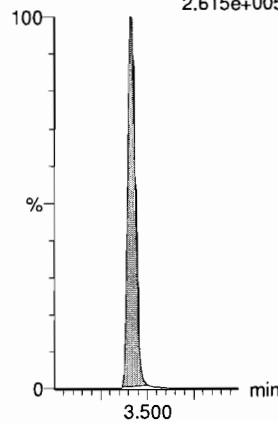
13C2-4:2 FTS

F13:MRM of 1 channel,ES-
329.2 > 308.9
9.651e+004



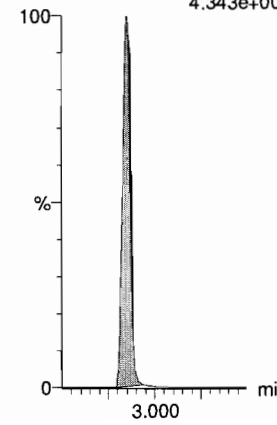
13C2-PFHxA

F10:MRM of 1 channel,ES-
315 > 270
2.615e+005



13C3-PFBS

F8:MRM of 1 channel,ES-
302. > 98.8
4.343e+004



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

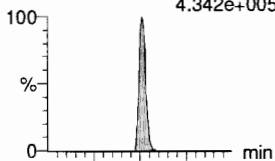
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

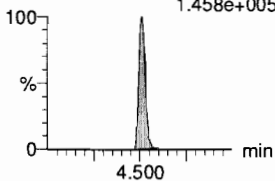
Name: 181028M1_8, Date: 28-Oct-2018, Time: 11:23:27, ID: ST181028M1-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
4.342e+005

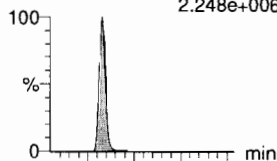


F24:MRM of 2 channels,ES-
427.1 > 80
1.458e+005

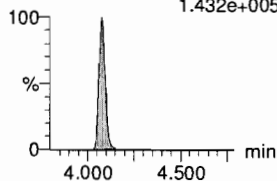


PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
2.248e+006

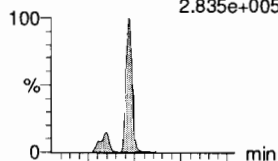


F16:MRM of 2 channels,ES-
363.0 > 169.0
1.432e+005

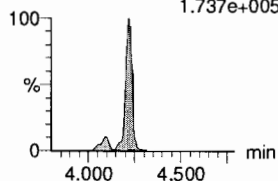


L-PFHxS

F18:MRM of 2 channels,ES-
398.9 > 79.6
2.835e+005

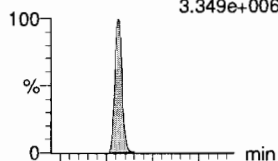


F18:MRM of 2 channels,ES-
398.9 > 99.0
1.737e+005

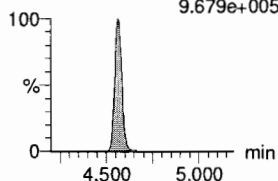


L-PFOA

F21:MRM of 2 channels,ES-
412.8 > 368.9
3.349e+006

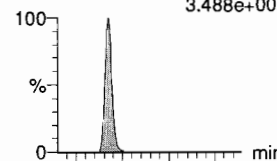


F21:MRM of 2 channels,ES-
412.8 > 169
9.679e+005

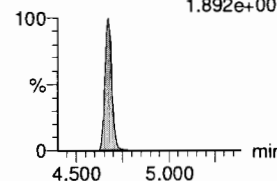


PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
3.488e+005

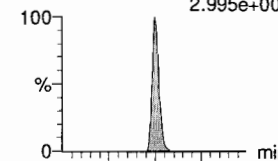


F26:MRM of 2 channels,ES-
449 > 98.7
1.892e+005

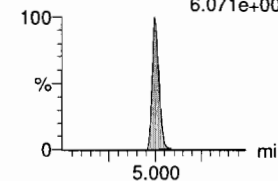


PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
2.995e+006

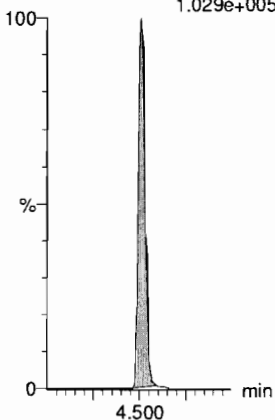


F27:MRM of 2 channels,ES-
463.0 > 219.0
6.071e+005



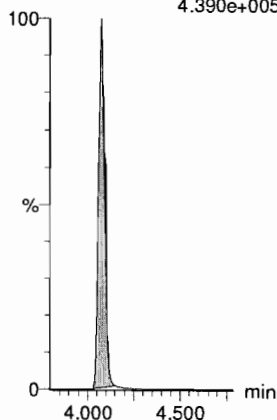
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
1.029e+005



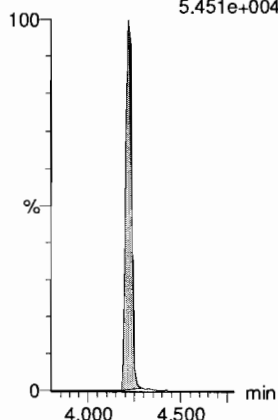
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
4.390e+005



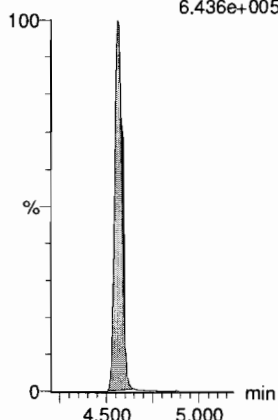
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
5.451e+004



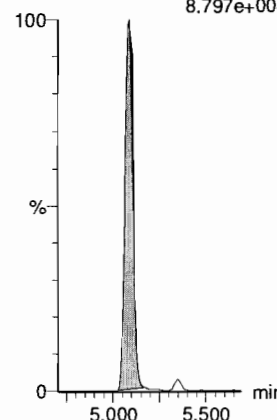
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
6.436e+005



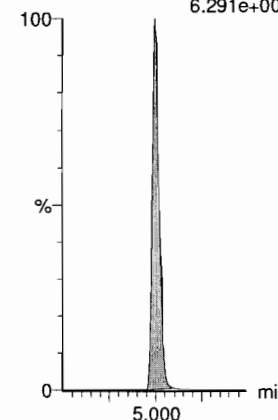
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
8.797e+004



13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
6.291e+005



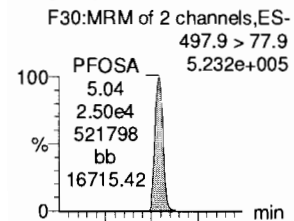
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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

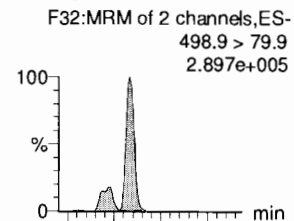
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Name: 181028M1_8, Date: 28-Oct-2018, Time: 11:23:27, ID: ST181028M1-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

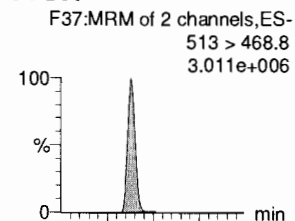
PFOSA



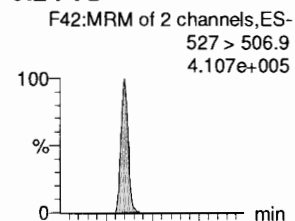
L-PFOS



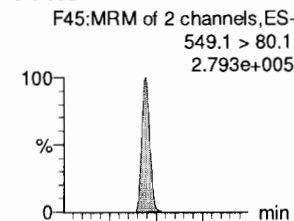
PFDA



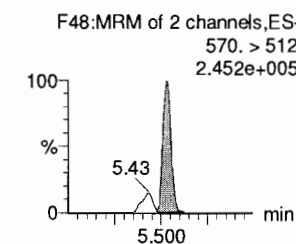
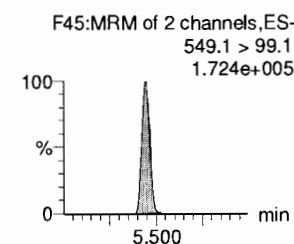
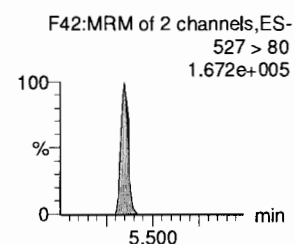
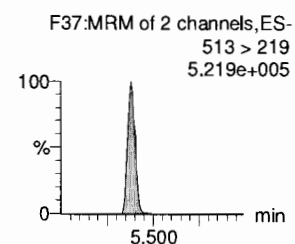
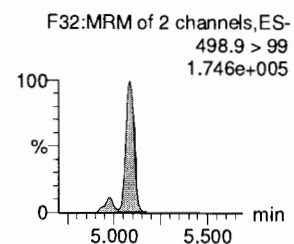
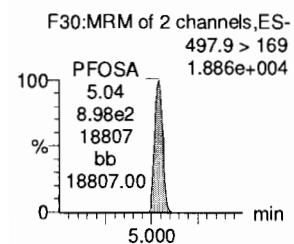
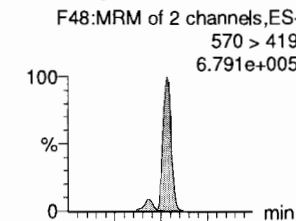
8:2 FTS



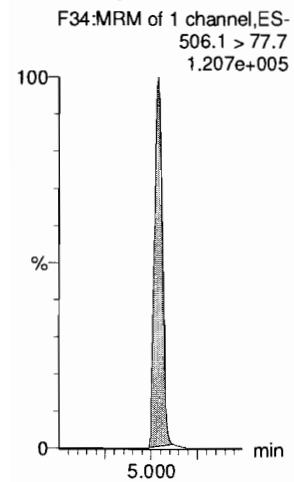
PFNS



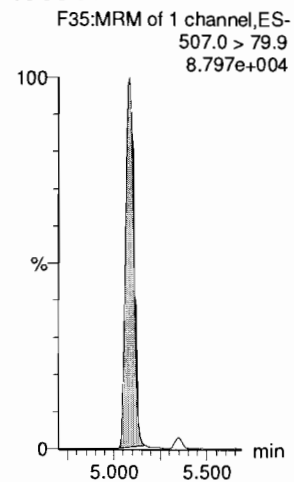
L-MeFOSAA



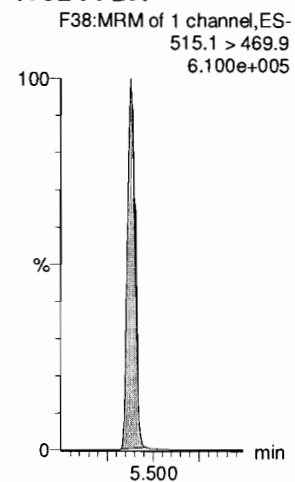
13C8-PFOSA



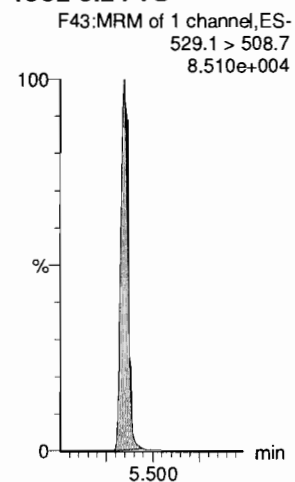
13C8-PFOS



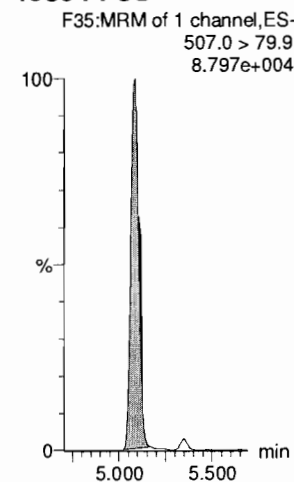
13C2-PFDA



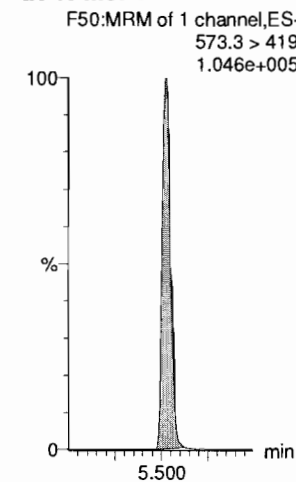
13C2-8:2 FTS



13C8-PFNS



d3-N-MeFOSAA

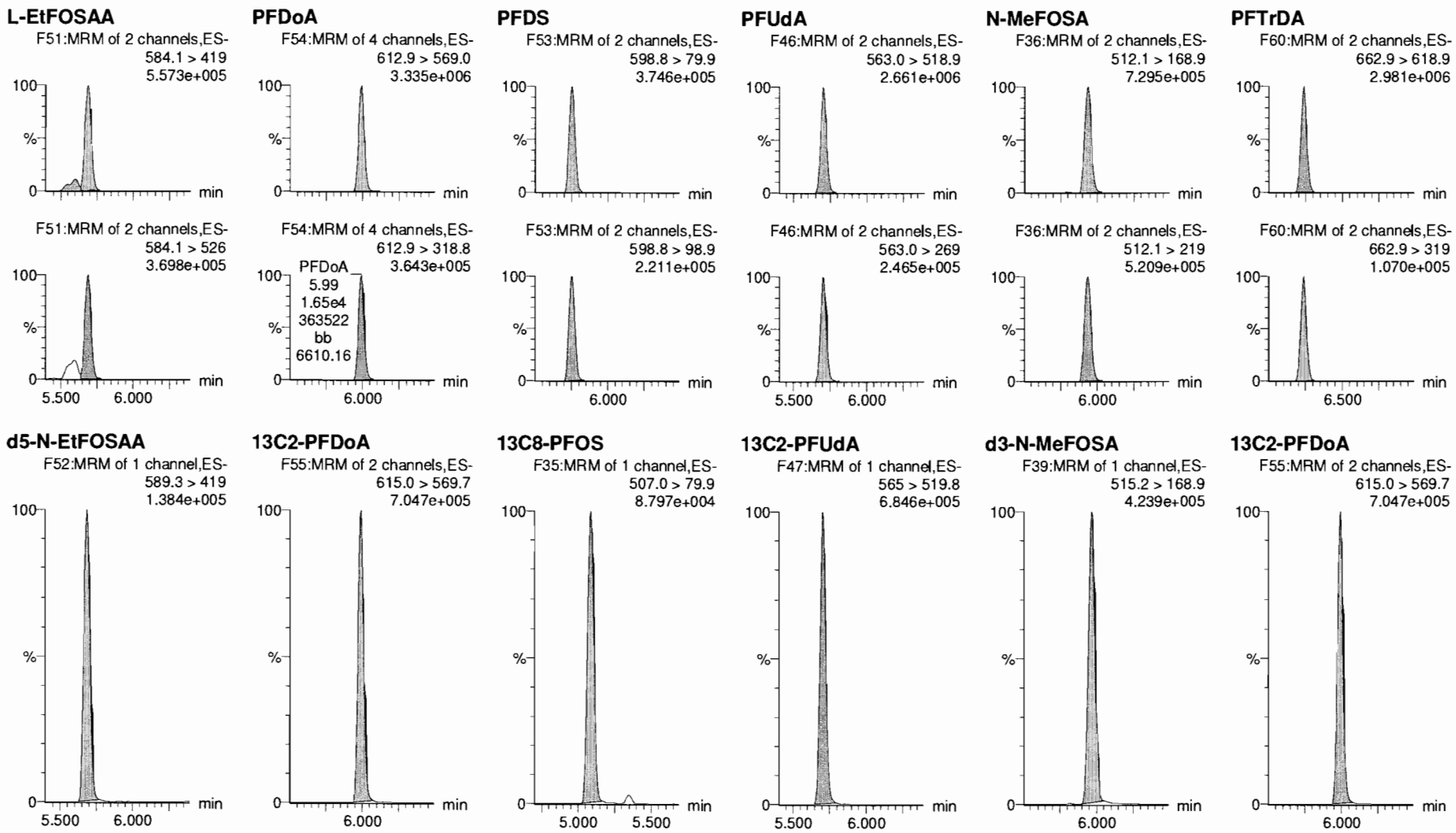


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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_8, Date: 28-Oct-2018, Time: 11:23:27, ID: ST181028M1-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

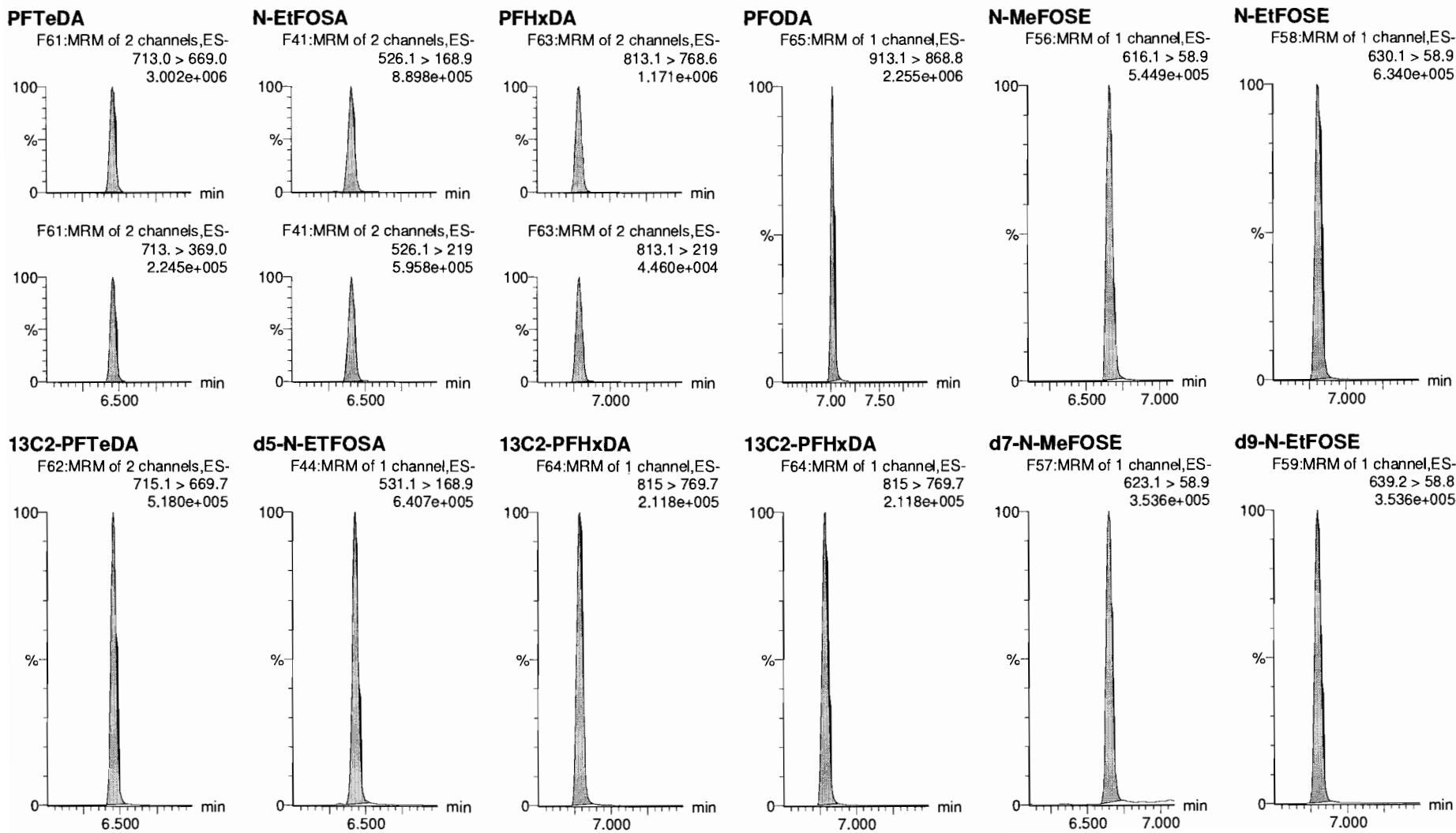


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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_8, Date: 28-Oct-2018, Time: 11:23:27, ID: ST181028M1-7 PFC CS4 18J1821, Description: PFC CS4 18J1821



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

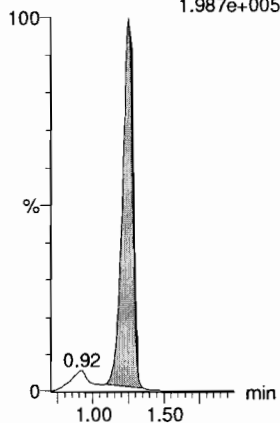
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_8, Date: 28-Oct-2018, Time: 11:23:27, ID: ST181028M1-7 PFC CS4 18J1821, Description: PFC CS4 18J1821

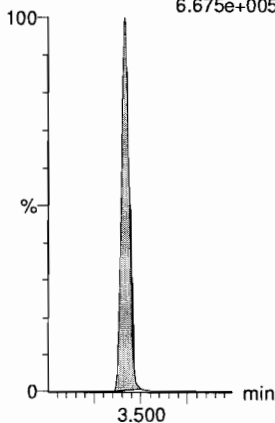
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.987e+005



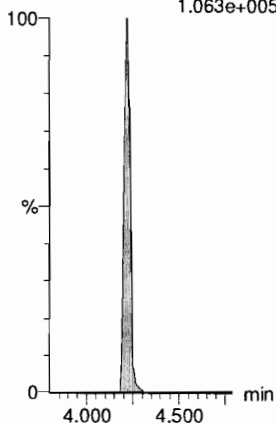
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.675e+005



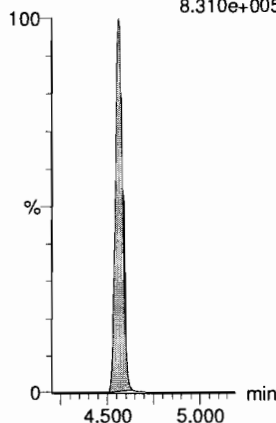
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.063e+005



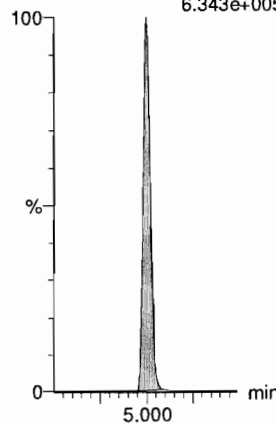
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.310e+005



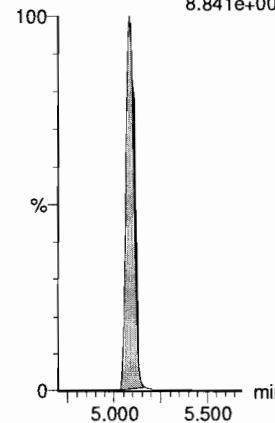
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.343e+005



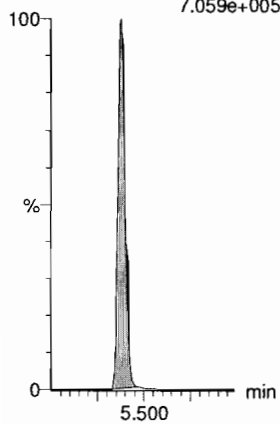
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.841e+004



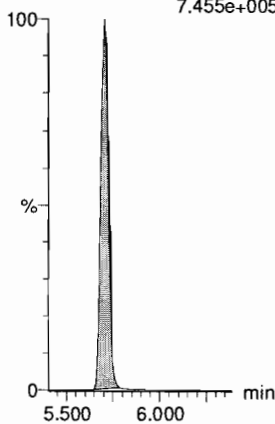
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
7.059e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.455e+005

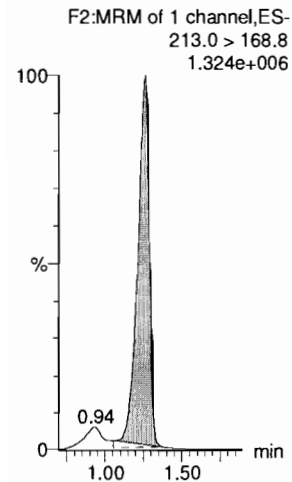


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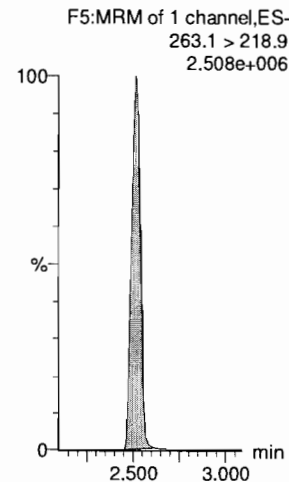
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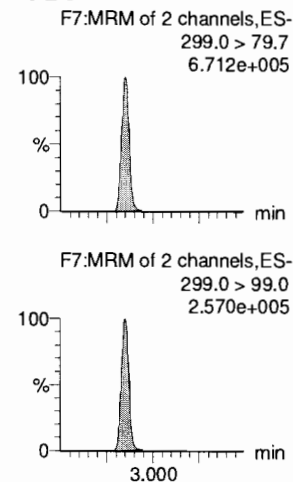
PFBA



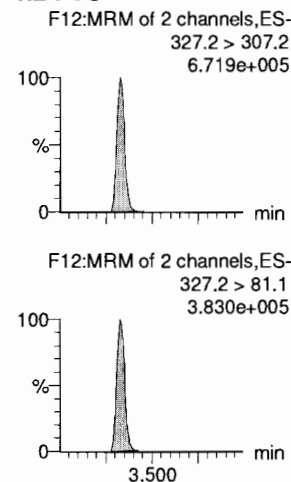
PFPeA



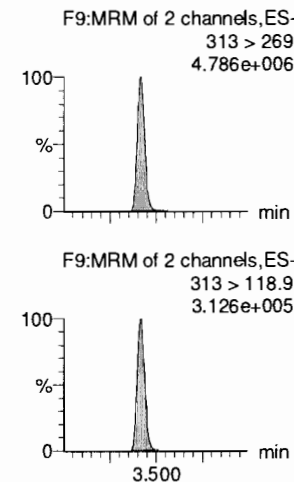
PFBS



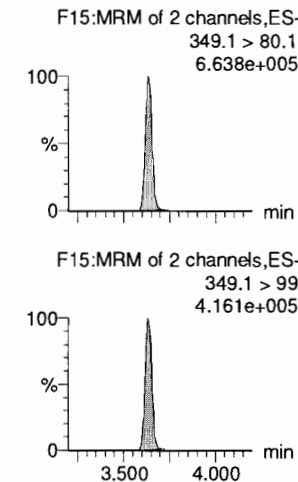
4:2 FTS



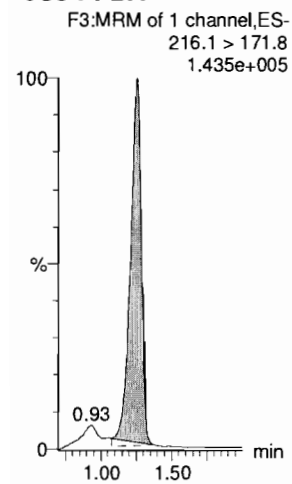
PFHxA



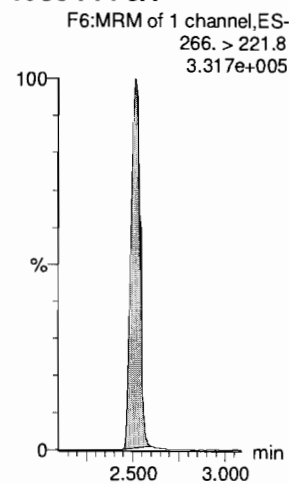
PFPeS



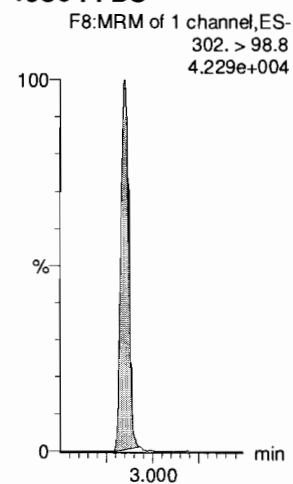
13C3-PFBA



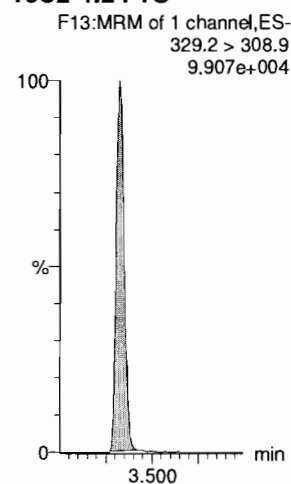
13C3-PFPeA



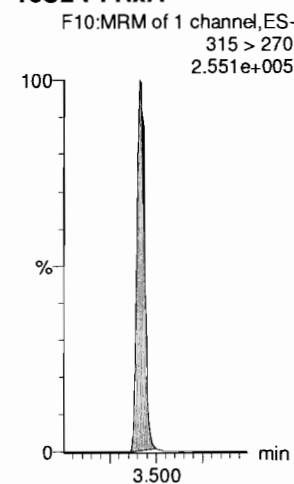
13C3-PFBS



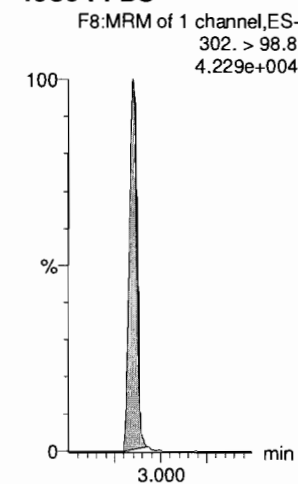
13C2-4:2 FTS



13C2-PFHxA



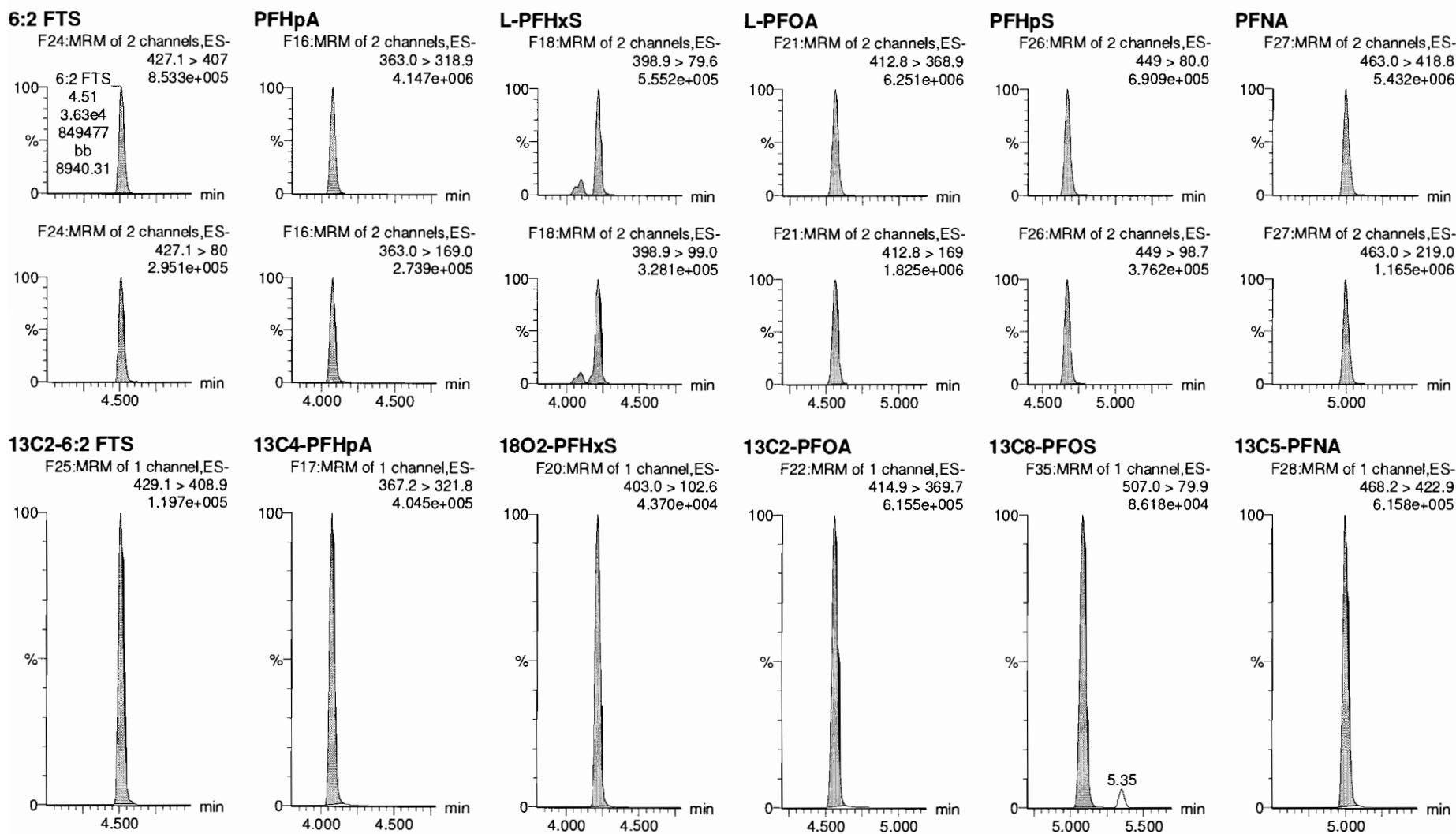
13C3-PFBS



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_9, Date: 28-Oct-2018, Time: 11:34:05, ID: ST181028M1-8 PFC CS5 18J1822, Description: PFC CS5 18J1822



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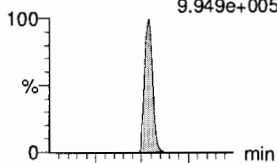
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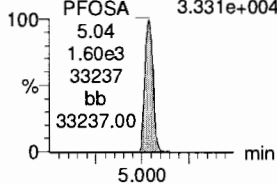
Name: 181028M1_9, Date: 28-Oct-2018, Time: 11:34:05, ID: ST181028M1-8 PFC CS5 18J1822, Description: PFC CS5 18J1822

PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
9.949e+005

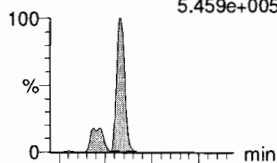


F30:MRM of 2 channels,ES-
497.9 > 169
3.331e+004

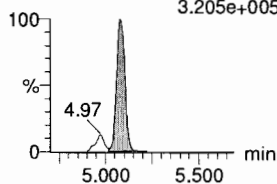


L-PFOS

F32:MRM of 2 channels,ES-
498.9 > 79.9
5.459e+005

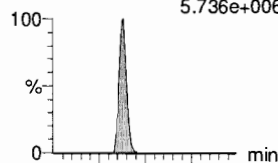


F32:MRM of 2 channels,ES-
498.9 > 99
3.205e+005

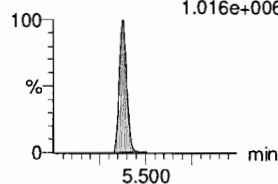


PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
5.736e+006

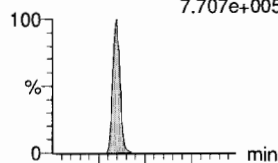


F37:MRM of 2 channels,ES-
513 > 219
1.016e+006

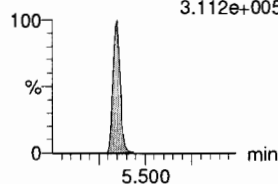


8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
7.707e+005

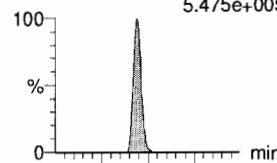


F42:MRM of 2 channels,ES-
527 > 80
3.112e+005

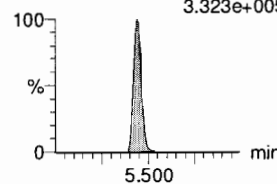


PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
5.475e+005

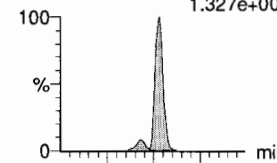


F45:MRM of 2 channels,ES-
549.1 > 99.1
3.323e+005

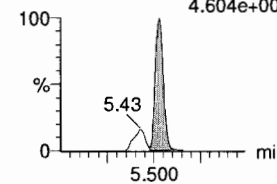


L-MeFOSAA

F48:MRM of 2 channels,ES-
570 > 419
1.327e+006

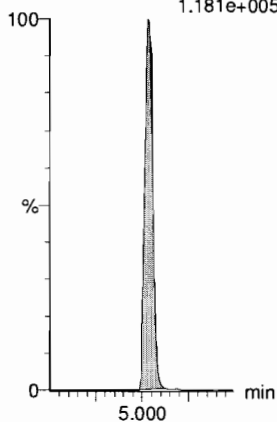


F48:MRM of 2 channels,ES-
570. > 512
4.604e+005



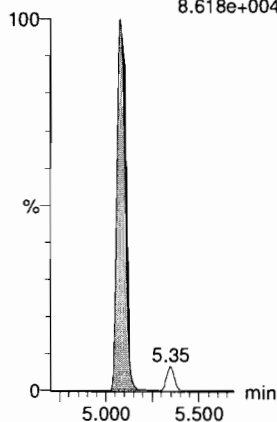
13C8-PFOSA

F34:MRM of 1 channel,ES-
506.1 > 77.7
1.181e+005



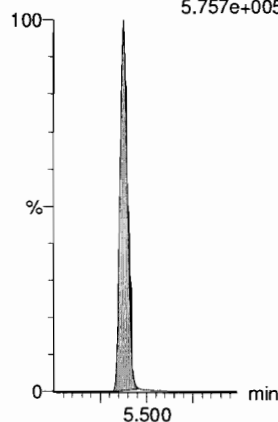
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
8.618e+004



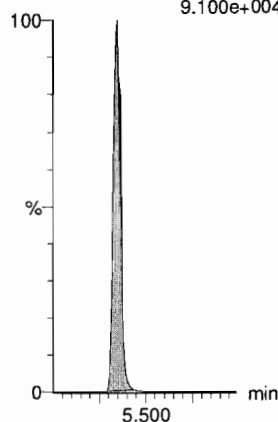
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
5.757e+005



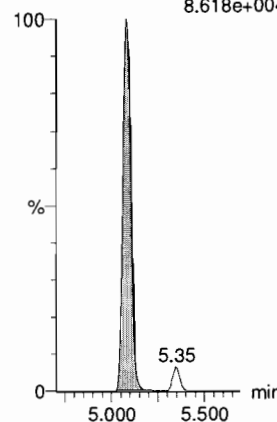
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
9.100e+004



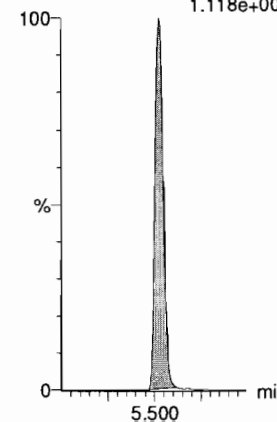
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
8.618e+004



d3-N-MeFOSAA

F50:MRM of 1 channel,ES-
573.3 > 419
1.118e+005



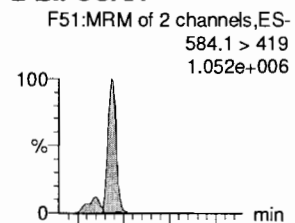
Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

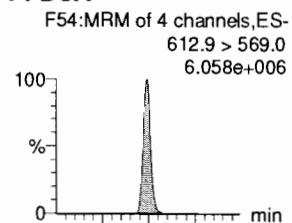
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_9, Date: 28-Oct-2018, Time: 11:34:05, ID: ST181028M1-8 PFC CS5 18J1822, Description: PFC CS5 18J1822

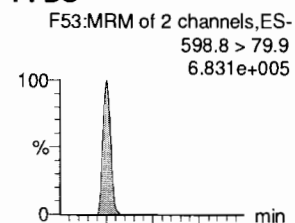
L-EtFOSAA



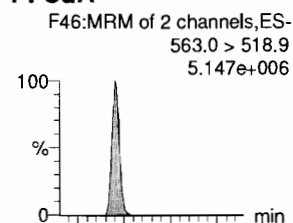
PFDaA



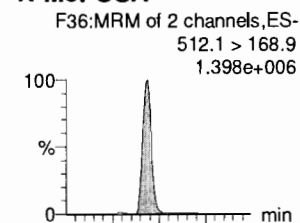
PFDS



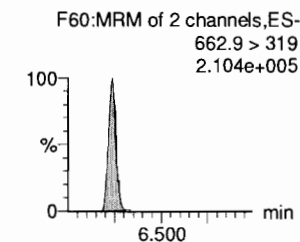
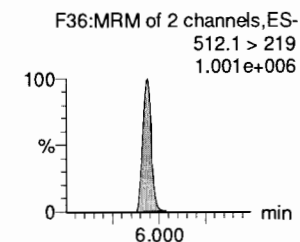
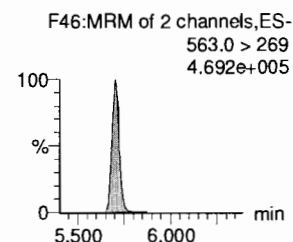
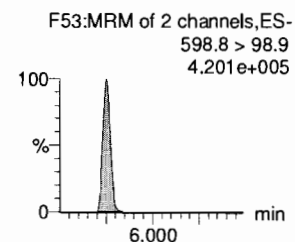
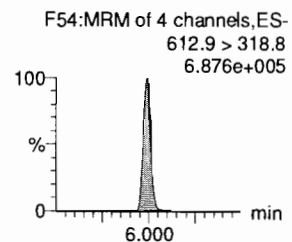
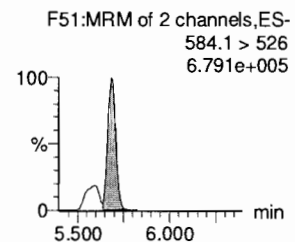
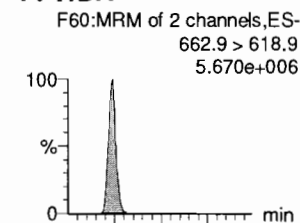
PFUdA



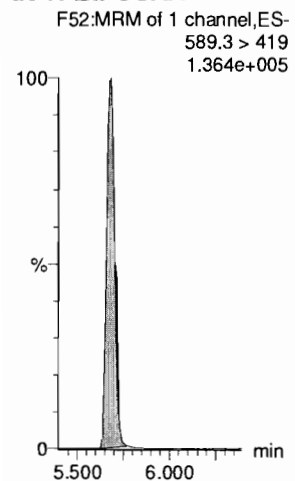
N-MeFOSA



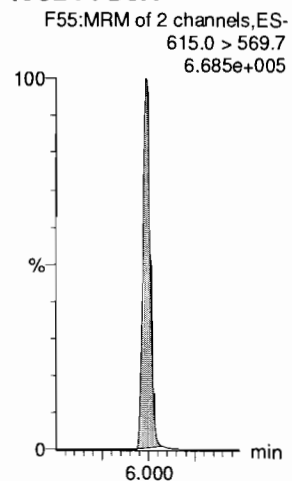
PFTrDA



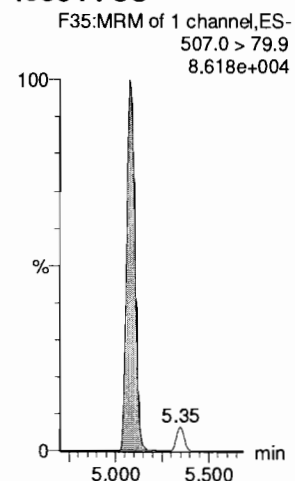
d5-N-EtFOSAA



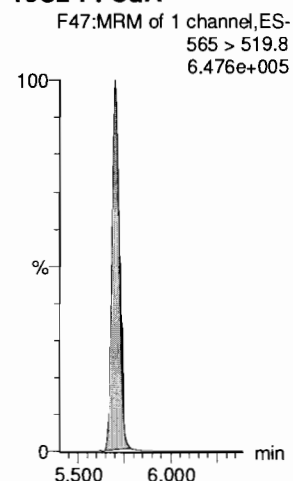
13C2-PFDaA



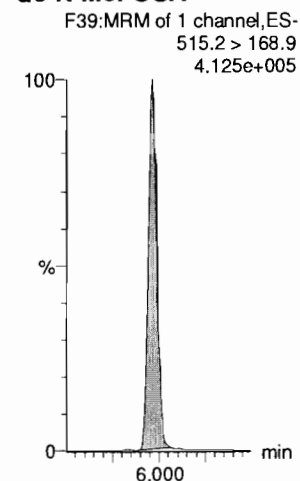
13C8-PFOS



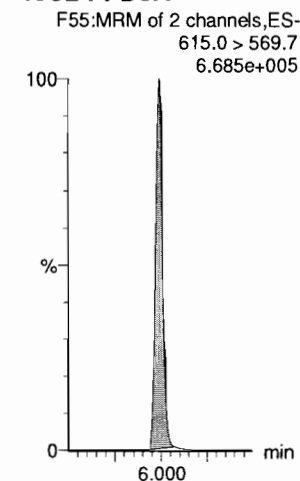
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDaA



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

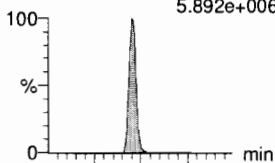
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Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

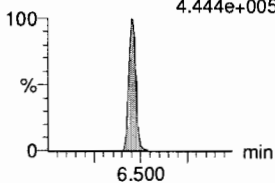
Name: 181028M1_9, Date: 28-Oct-2018, Time: 11:34:05, ID: ST181028M1-8 PFC CS5 18J1822, Description: PFC CS5 18J1822

PFTeDA

F61:MRM of 2 channels,ES-
713.0 > 669.0
5.892e+006

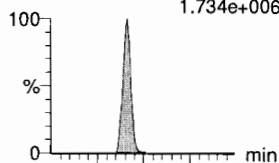


F61:MRM of 2 channels,ES-
713. > 369.0
4.444e+005

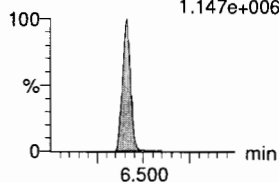


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
1.734e+006

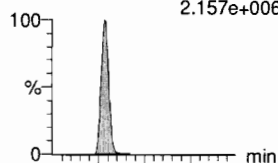


F41:MRM of 2 channels,ES-
526.1 > 219
1.147e+006

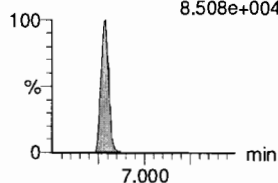


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
2.157e+006

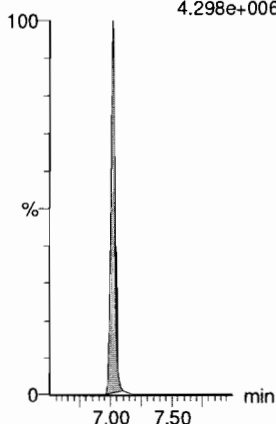


F63:MRM of 2 channels,ES-
813.1 > 219
8.508e+004



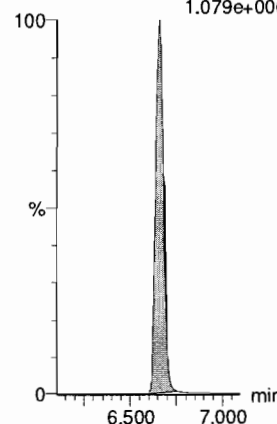
PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
4.298e+006



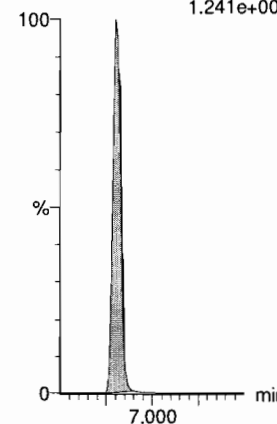
N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
1.079e+006



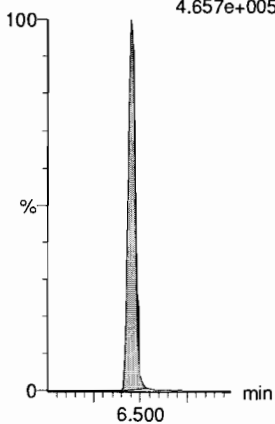
N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
1.241e+006



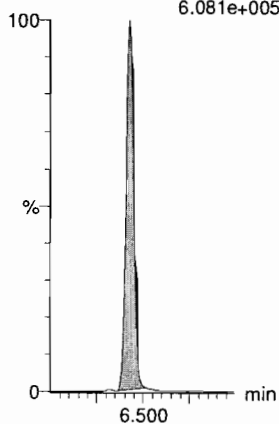
13C2-PFTeDA

F62:MRM of 2 channels,ES-
715.1 > 669.7
4.657e+005



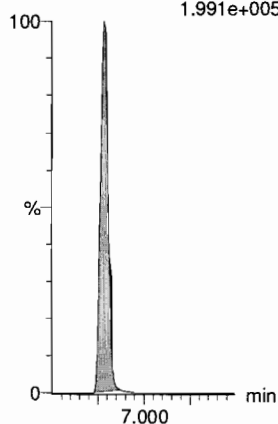
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
6.081e+005



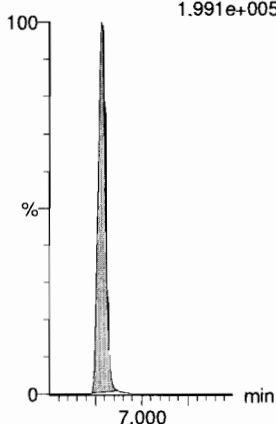
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
1.991e+005



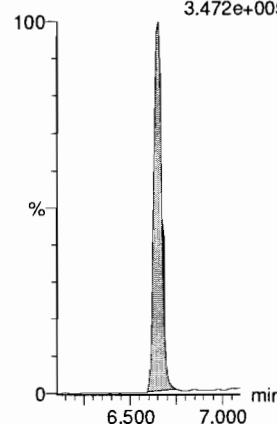
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
1.991e+005



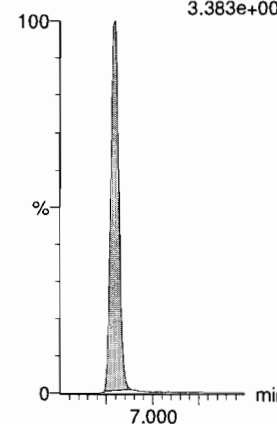
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
3.472e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
3.383e+005

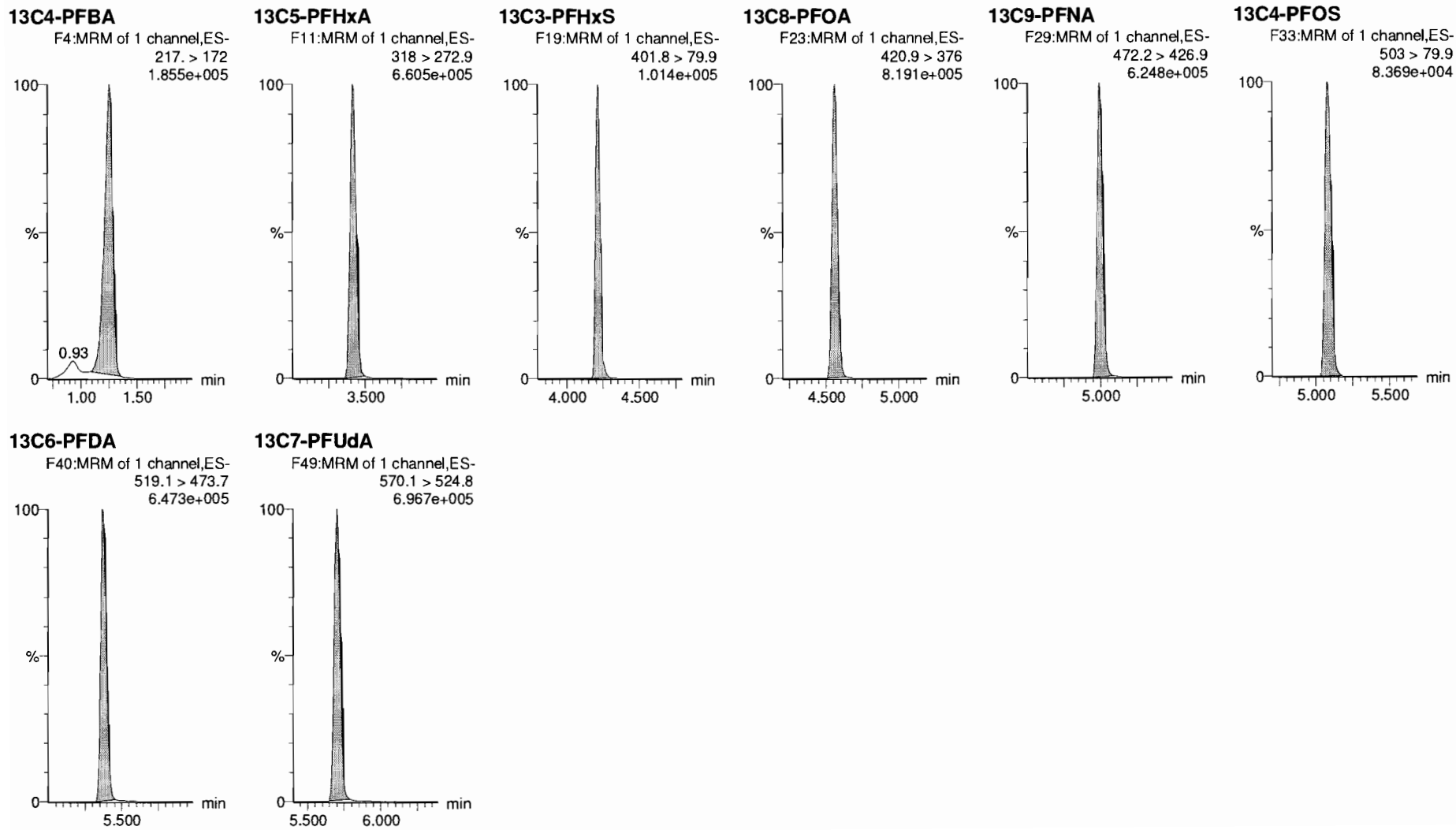


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_9, Date: 28-Oct-2018, Time: 11:34:05, ID: ST181028M1-8 PFC CS5 18J1822, Description: PFC CS5 18J1822

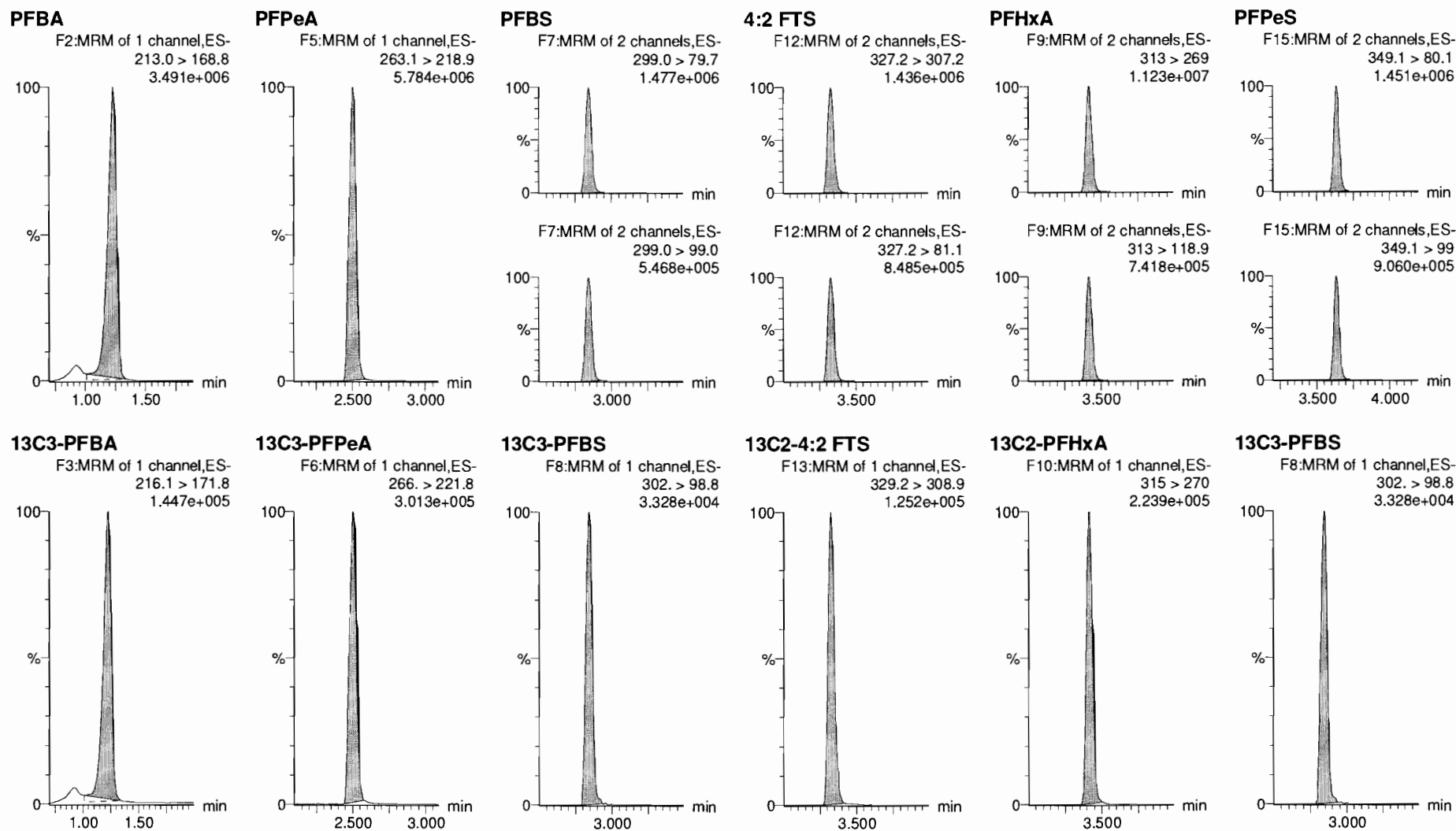


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_10, Date: 28-Oct-2018, Time: 11:44:38, ID: ST181028M1-9 PFC CS6 18J1823, Description: PFC CS6 18J1823



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

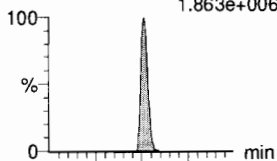
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

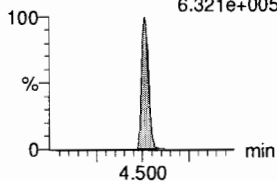
Name: 181028M1_10, Date: 28-Oct-2018, Time: 11:44:38, ID: ST181028M1-9 PFC CS6 18J1823, Description: PFC CS6 18J1823

6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
1.863e+006

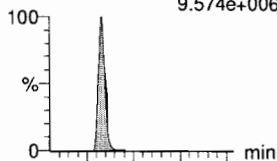


F24:MRM of 2 channels,ES-
427.1 > 80
6.321e+005

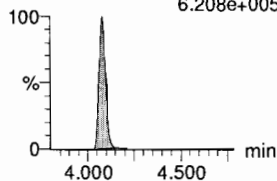


PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
9.574e+006

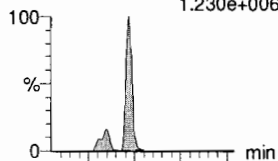


F16:MRM of 2 channels,ES-
363.0 > 169.0
6.208e+005

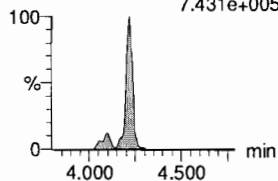


L-PFHxS

F18:MRM of 2 channels,ES-
398.9 > 79.6
1.230e+006

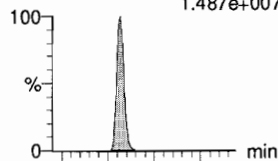


F18:MRM of 2 channels,ES-
398.9 > 99.0
7.431e+005

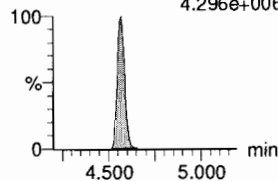


L-PFOA

F21:MRM of 2 channels,ES-
412.8 > 368.9
1.487e+007

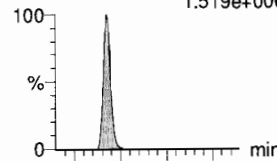


F21:MRM of 2 channels,ES-
412.8 > 169
4.296e+006

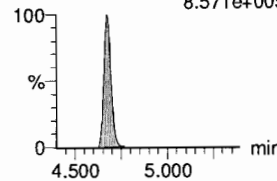


PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
1.519e+006

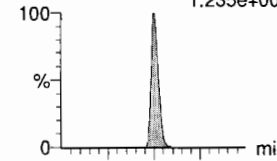


F26:MRM of 2 channels,ES-
449 > 98.7
8.571e+005

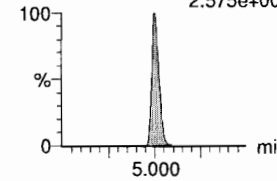


PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
1.235e+007

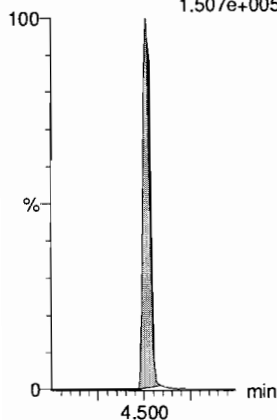


F27:MRM of 2 channels,ES-
463.0 > 219.0
2.575e+006



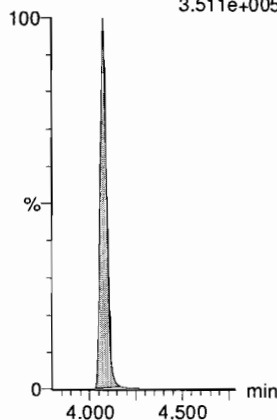
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
1.507e+005



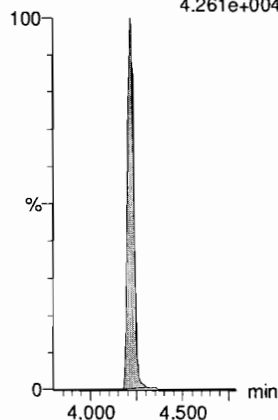
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
3.511e+005



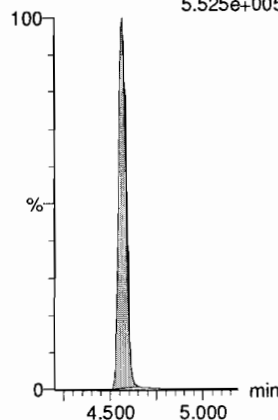
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
4.261e+004



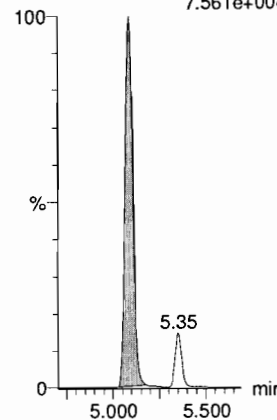
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
5.525e+005



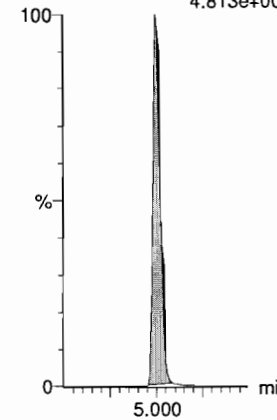
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
7.561e+004



13C5-PFNA

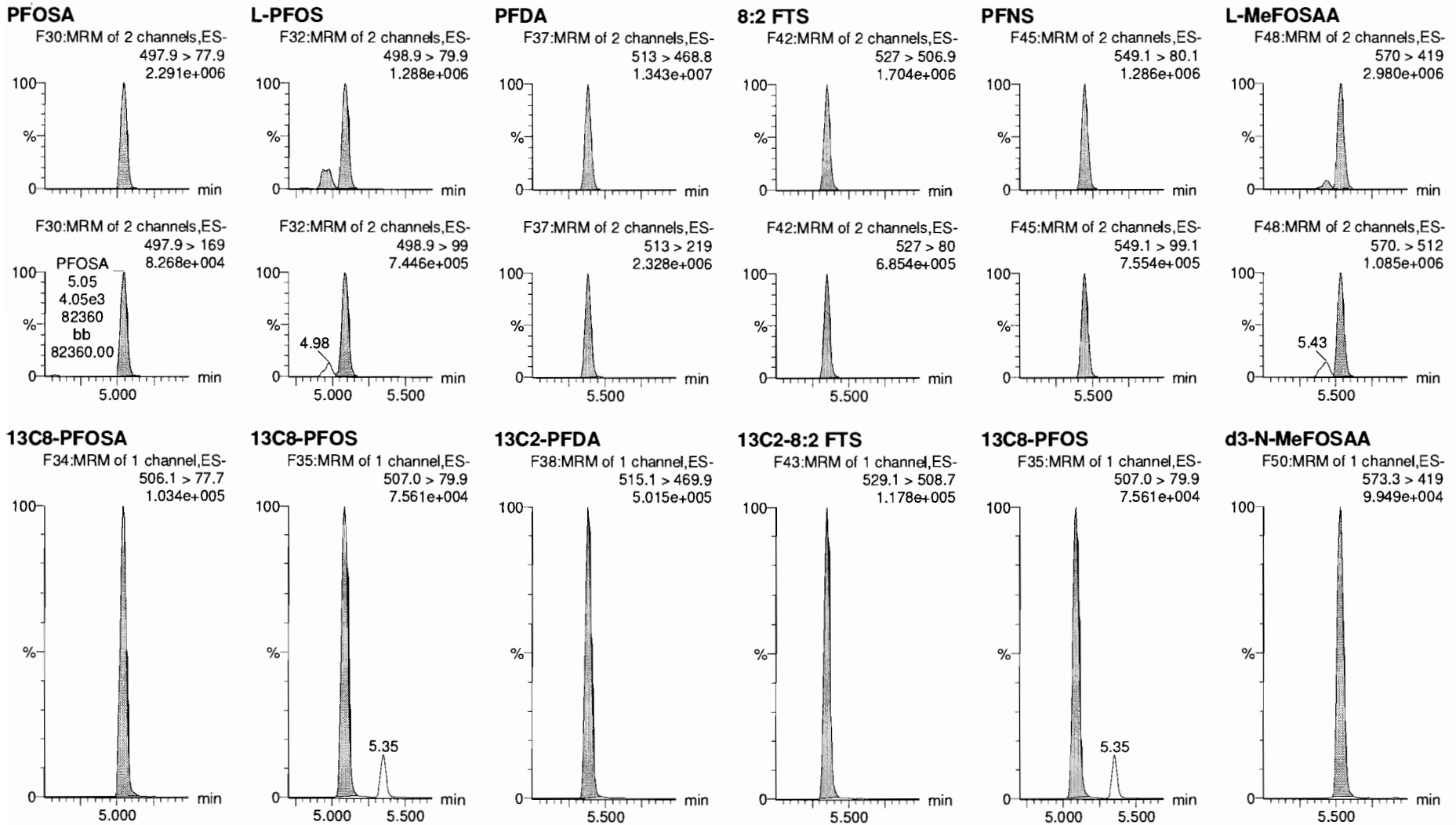
F28:MRM of 1 channel,ES-
468.2 > 422.9
4.813e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_10, Date: 28-Oct-2018, Time: 11:44:38, ID: ST181028M1-9 PFC CS6 18J1823, Description: PFC CS6 18J1823

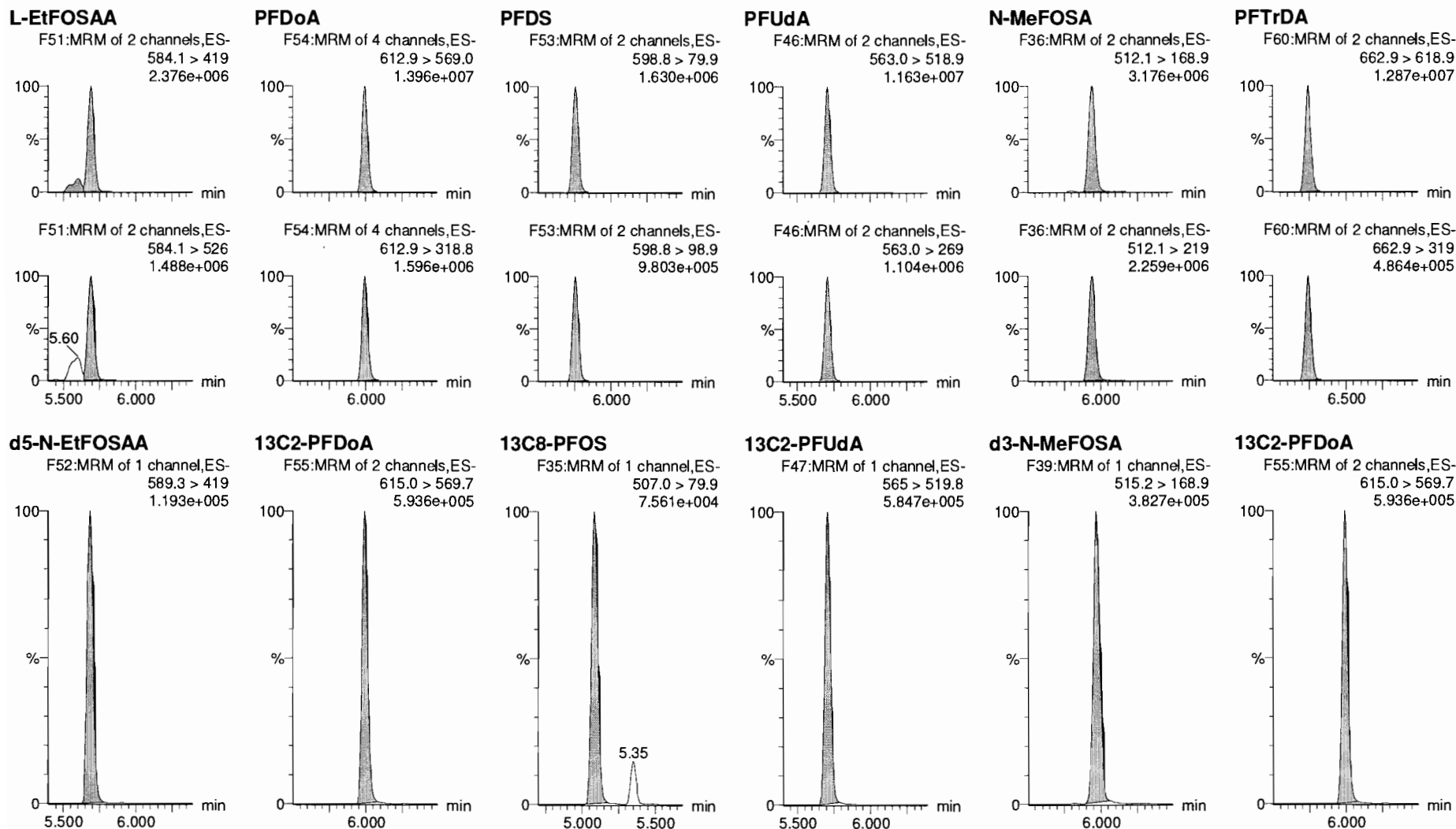


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Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_10, Date: 28-Oct-2018, Time: 11:44:38, ID: ST181028M1-9 PFC CS6 18J1823, Description: PFC CS6 18J1823



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

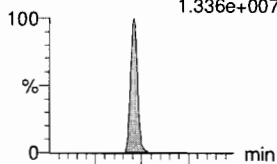
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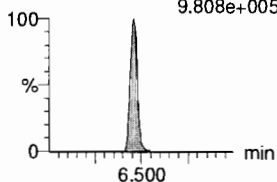
Name: 181028M1_10, Date: 28-Oct-2018, Time: 11:44:38, ID: ST181028M1-9 PFC CS6 18J1823, Description: PFC CS6 18J1823

PFTeDA

F61:MRM of 2 channels,ES-
713.0 > 669.0
1.336e+007

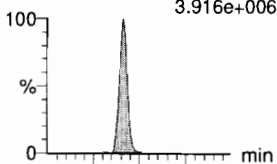


F61:MRM of 2 channels,ES-
713. > 369.0
9.808e+005

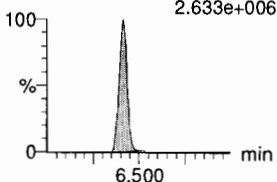


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
3.916e+006

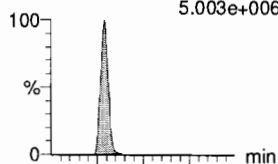


F41:MRM of 2 channels,ES-
526.1 > 219
2.633e+006

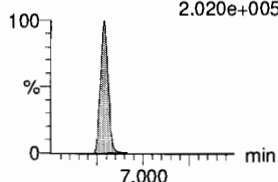


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
5.003e+006

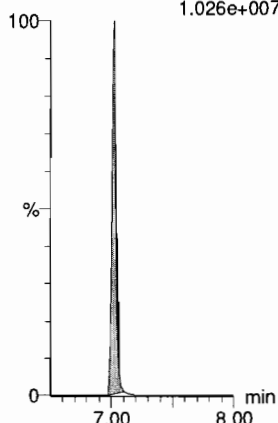


F63:MRM of 2 channels,ES-
813.1 > 219
2.020e+005



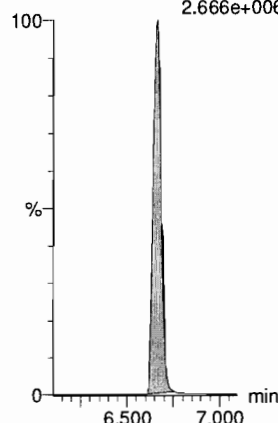
PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
1.026e+007



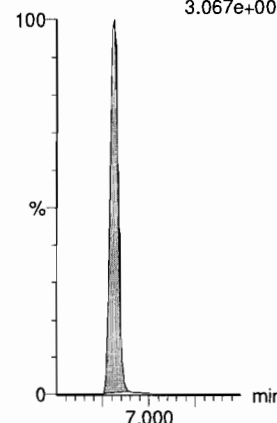
N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
2.666e+006



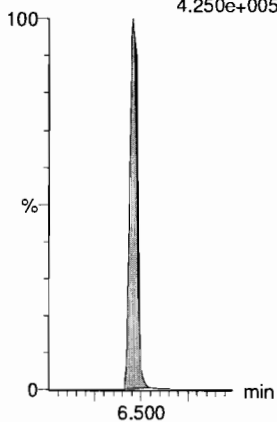
N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
3.067e+006



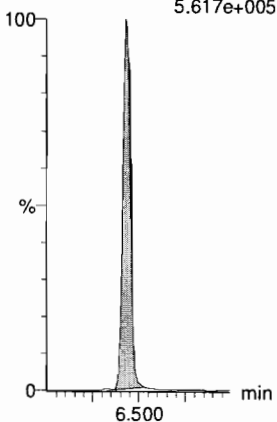
13C2-PFTeDA

F62:MRM of 2 channels,ES-
715.1 > 669.7
4.250e+005



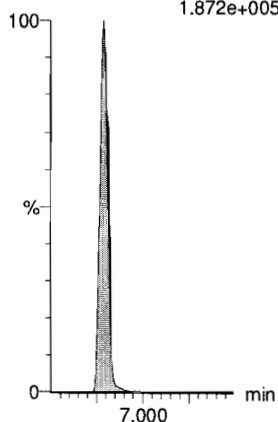
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
5.617e+005



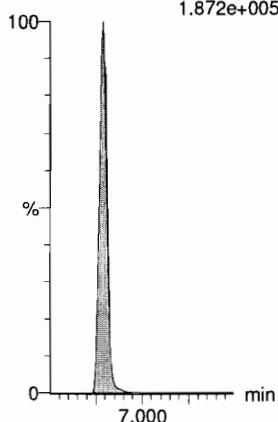
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
1.872e+005



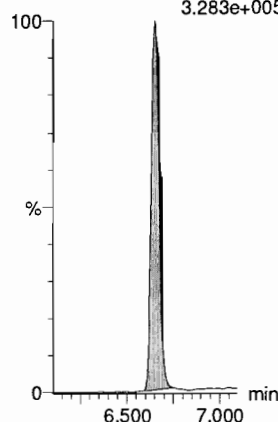
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
1.872e+005



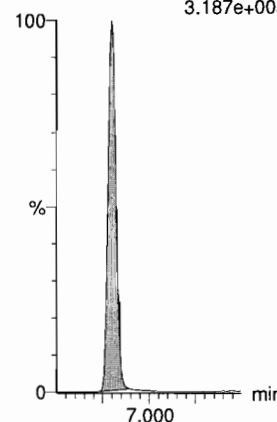
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
3.283e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
3.187e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

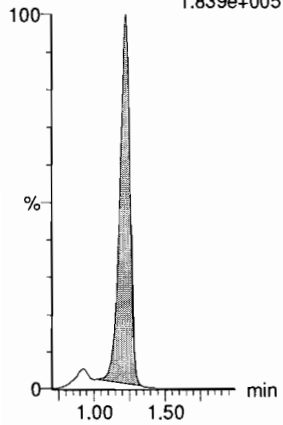
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_10, Date: 28-Oct-2018, Time: 11:44:38, ID: ST181028M1-9 PFC CS6 18J1823, Description: PFC CS6 18J1823

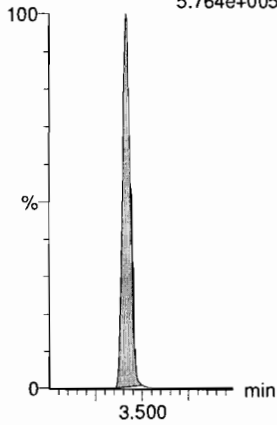
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.839e+005



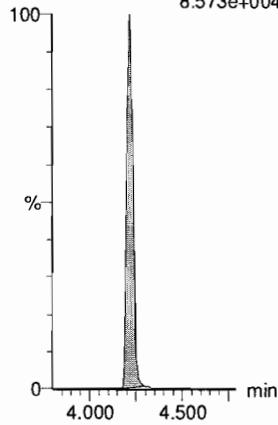
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
5.764e+005



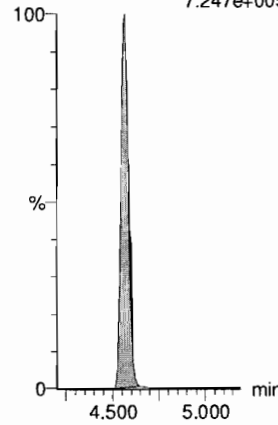
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
8.573e+004



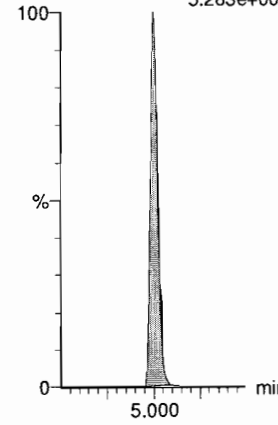
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
7.247e+005



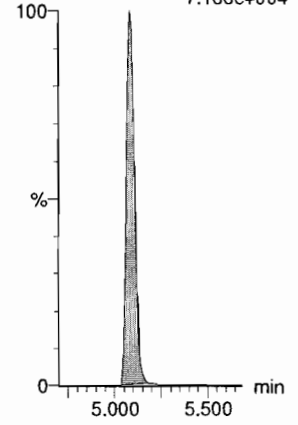
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
5.283e+005



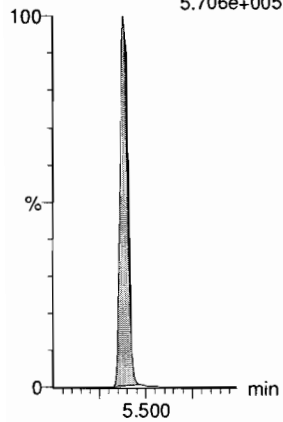
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
7.188e+004



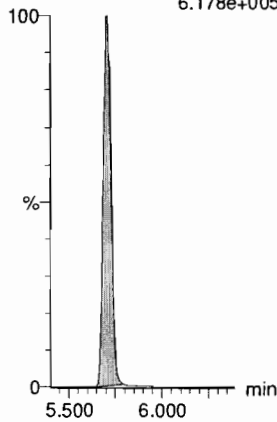
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
5.706e+005



13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
6.178e+005



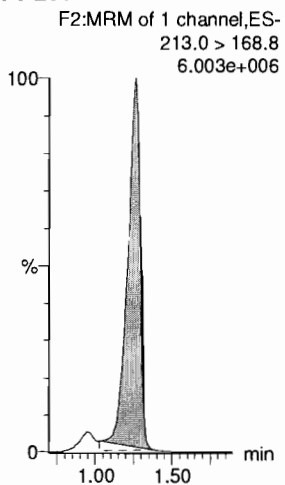
Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

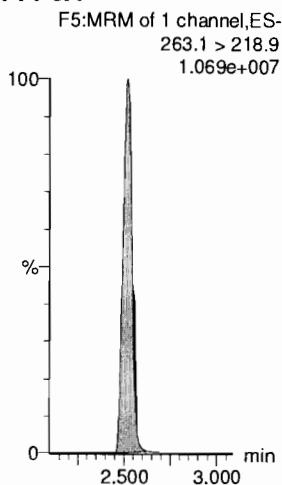
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_11, Date: 28-Oct-2018, Time: 11:55:16, ID: ST181028M1-10 PFC CS7 18J1824, Description: PFC CS7 18J1824

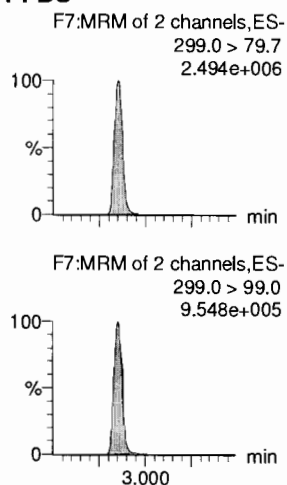
PFBA



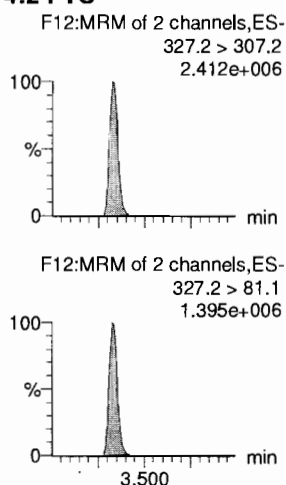
PFPeA



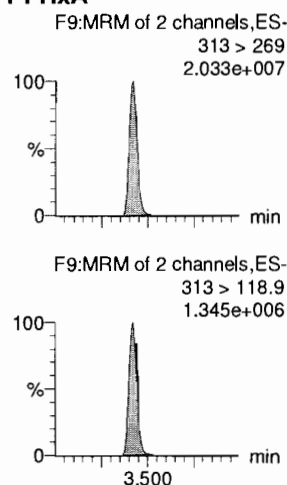
PFBS



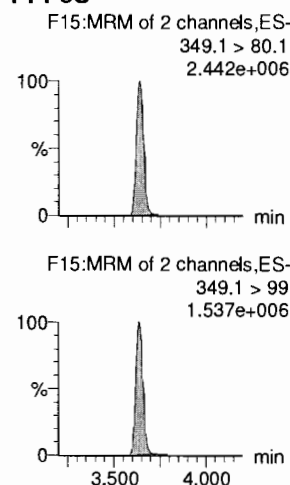
4:2 FTS



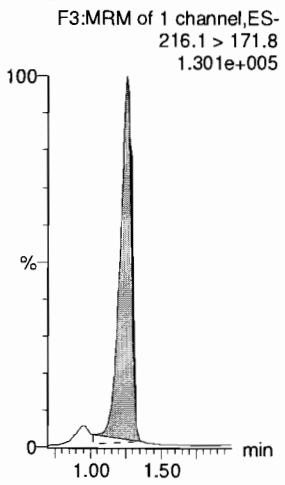
PFHxA



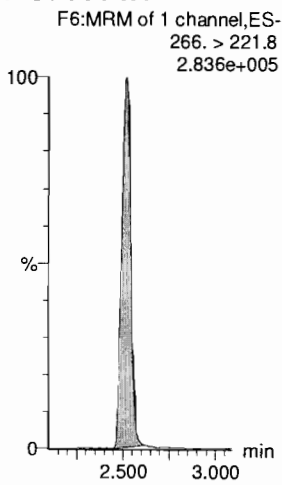
PFPeS



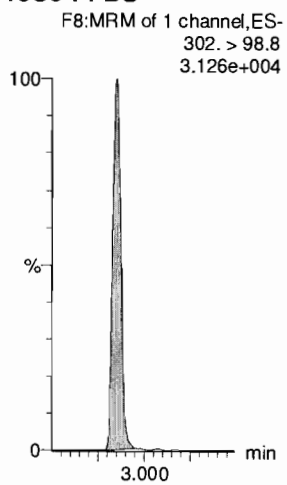
13C3-PFBA



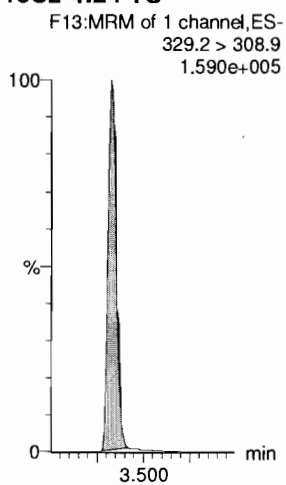
13C3-PFPeA



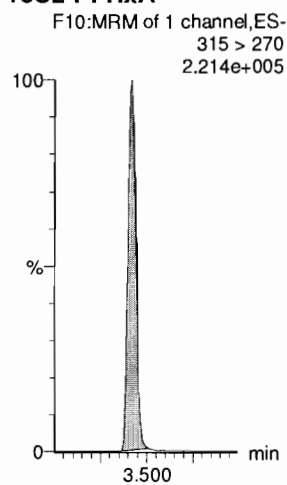
13C3-PFBS



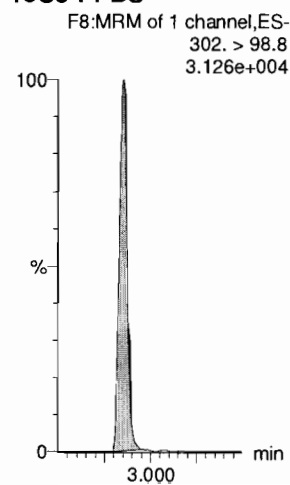
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS

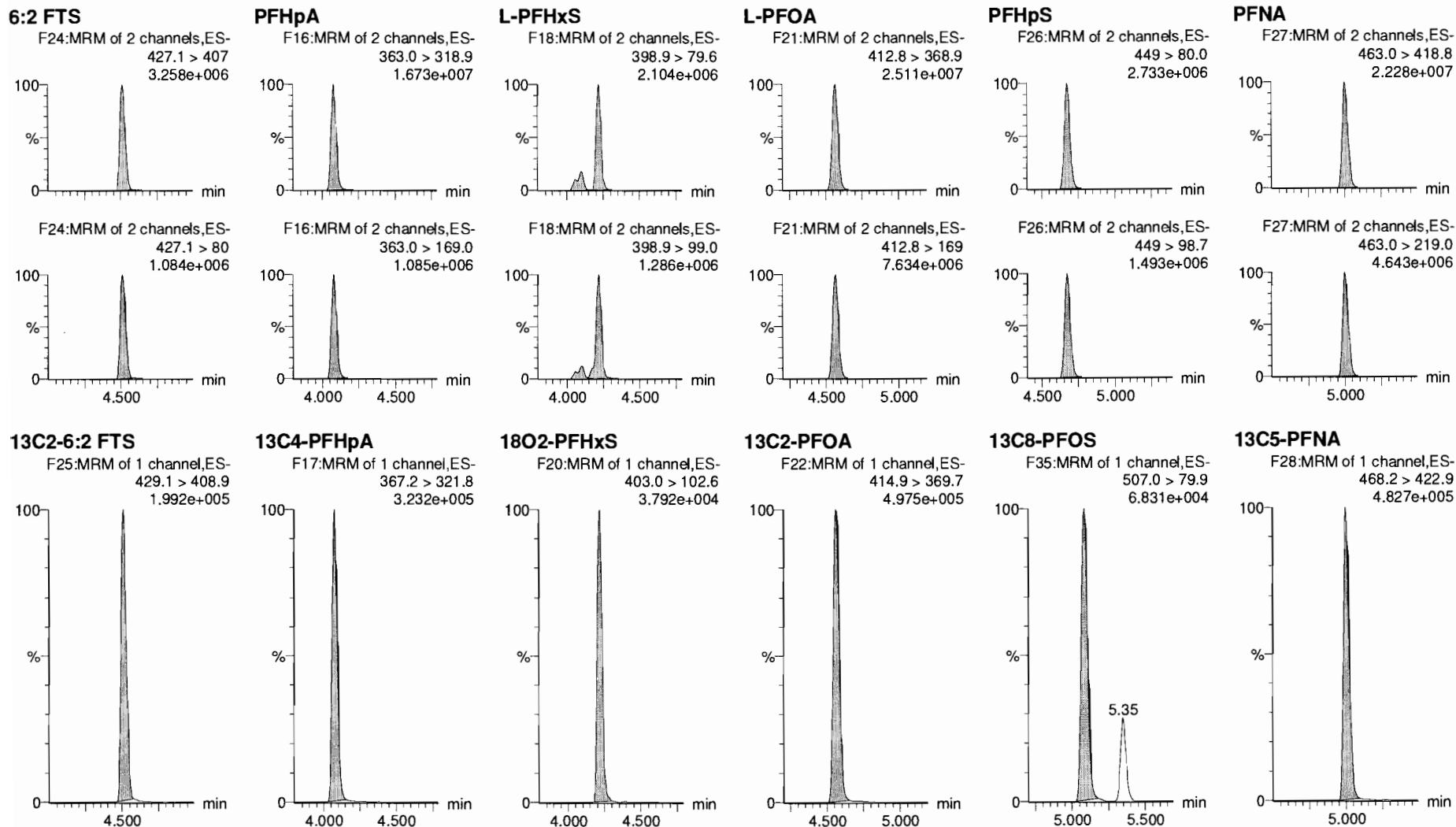


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_11, Date: 28-Oct-2018, Time: 11:55:16, ID: ST181028M1-10 PFC CS7 18J1824, Description: PFC CS7 18J1824



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

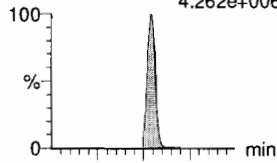
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_11, Date: 28-Oct-2018, Time: 11:55:16, ID: ST181028M1-10 PFC CS7 18J1824, Description: PFC CS7 18J1824

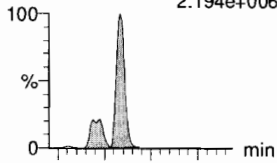
PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
4.262e+006



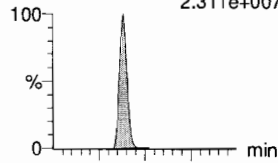
L-PFOS

F32:MRM of 2 channels,ES-
498.9 > 79.9
2.194e+006



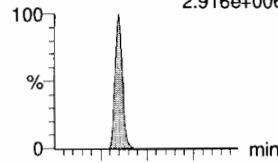
PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
2.311e+007



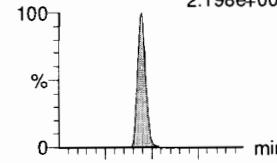
8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
2.916e+006



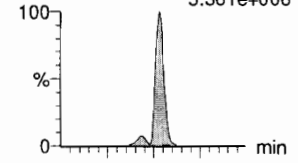
PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
2.198e+006

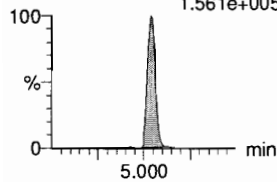


L-MeFOSAA

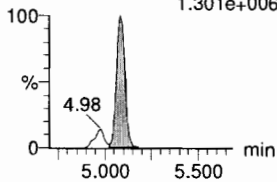
F48:MRM of 2 channels,ES-
570 > 419
5.361e+006



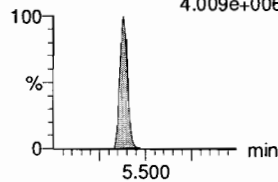
F30:MRM of 2 channels,ES-
497.9 > 169
1.561e+005



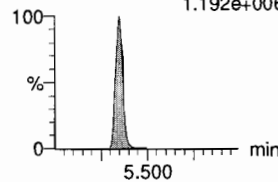
F32:MRM of 2 channels,ES-
498.9 > 99
1.301e+006



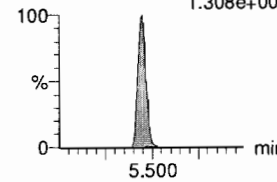
F37:MRM of 2 channels,ES-
513 > 219
4.009e+006



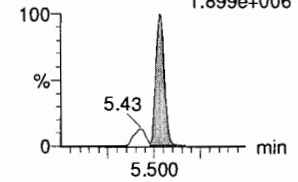
F42:MRM of 2 channels,ES-
527 > 80
1.192e+006



F45:MRM of 2 channels,ES-
549.1 > 99.1
1.308e+006

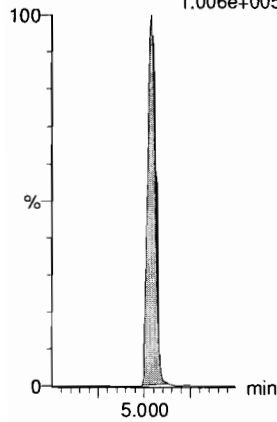


F48:MRM of 2 channels,ES-
570. > 512
1.899e+006



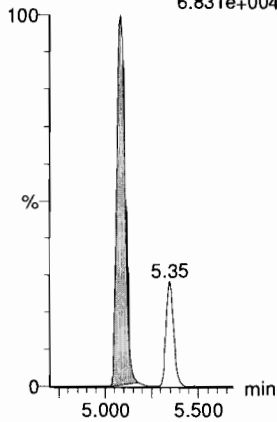
13C8-PFOSA

F34:MRM of 1 channel,ES-
506.1 > 77.7
1.006e+005



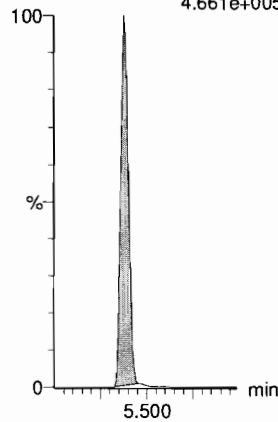
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
6.831e+004



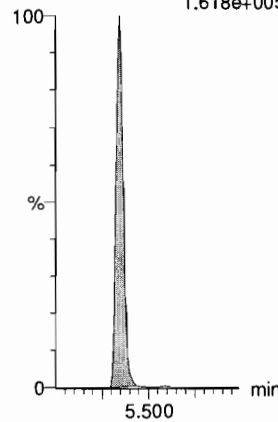
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
4.661e+005



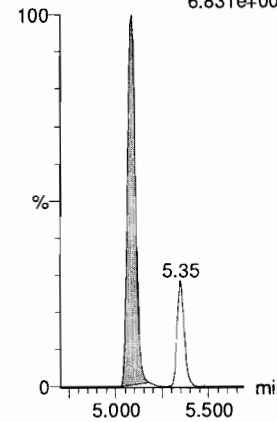
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
1.618e+005



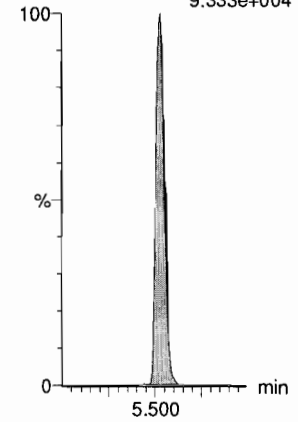
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
6.831e+004



d3-N-MeFOSAA

F50:MRM of 1 channel,ES-
573.3 > 419
9.333e+004



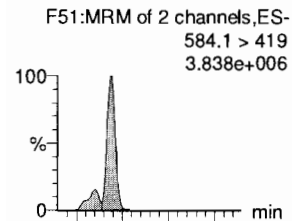
Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

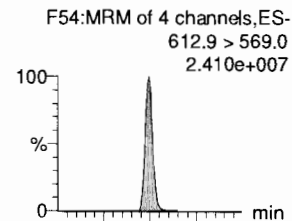
Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_11, Date: 28-Oct-2018, Time: 11:55:16, ID: ST181028M1-10 PFC CS7 18J1824, Description: PFC CS7 18J1824

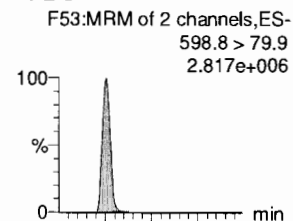
L-EtFOSAA



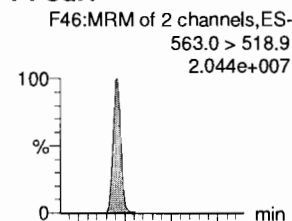
PFDoA



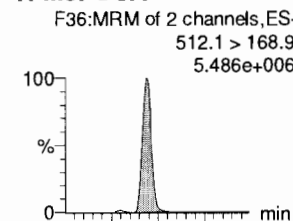
PFDS



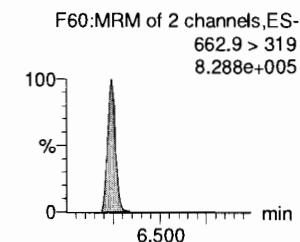
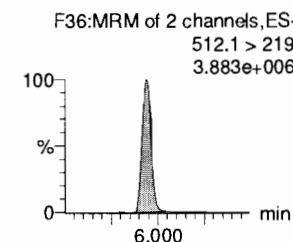
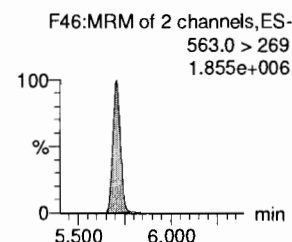
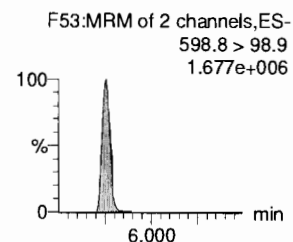
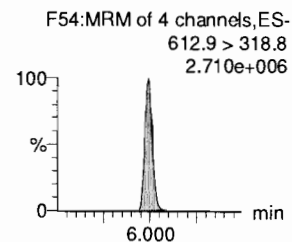
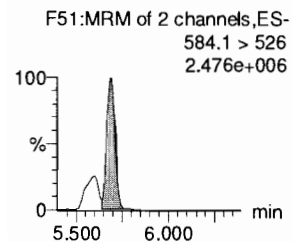
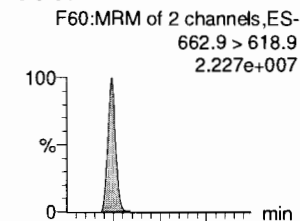
PFUdA



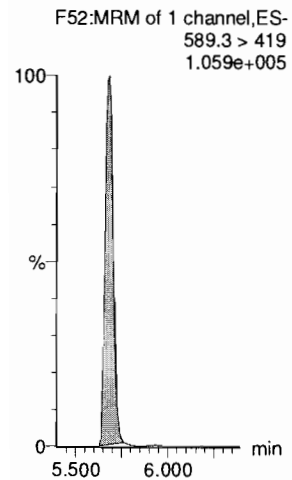
N-MeFOSA



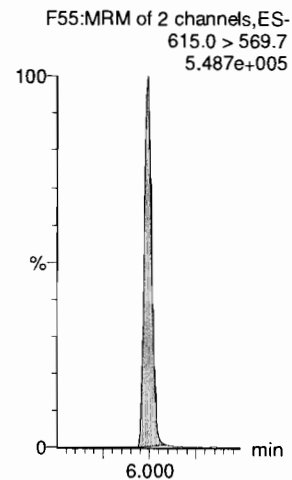
PFTrDA



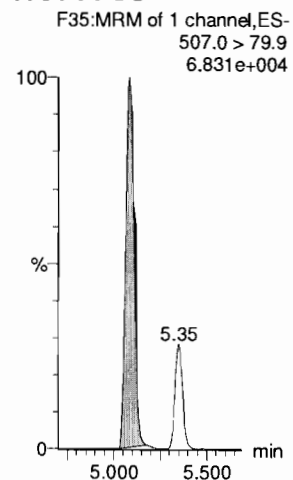
d5-N-EtFOSAA



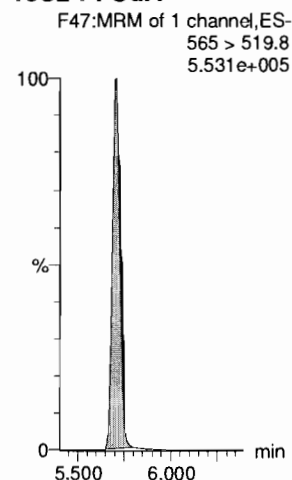
13C2-PFDoA



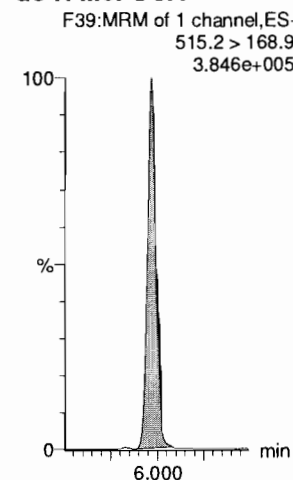
13C8-PFOS



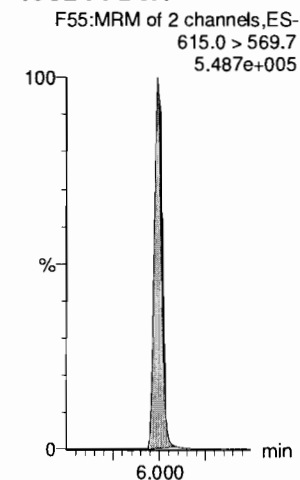
13C2-PFUdA



d3-N-MeFOSA



13C2-PFDoA

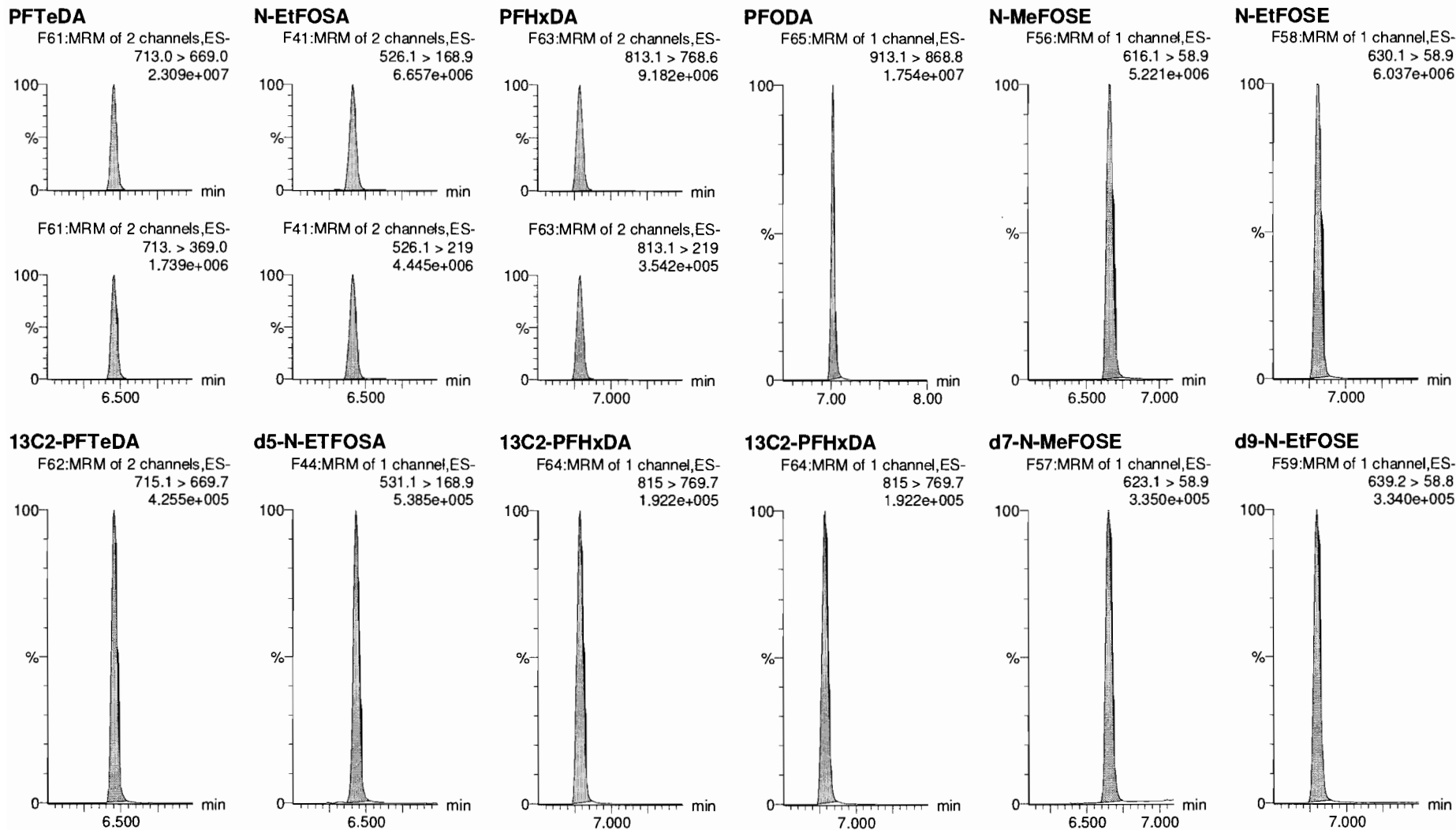


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_11, Date: 28-Oct-2018, Time: 11:55:16, ID: ST181028M1-10 PFC CS7 18J1824, Description: PFC CS7 18J1824



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-CRV.qld

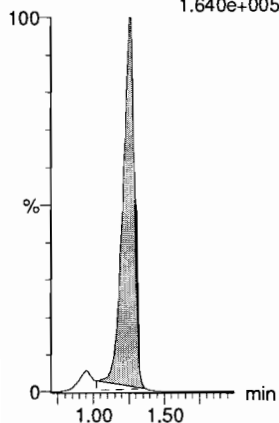
Last Altered: Sunday, October 28, 2018 12:42:30 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:43:37 Pacific Daylight Time

Name: 181028M1_11, Date: 28-Oct-2018, Time: 11:55:16, ID: ST181028M1-10 PFC CS7 18J1824, Description: PFC CS7 18J1824

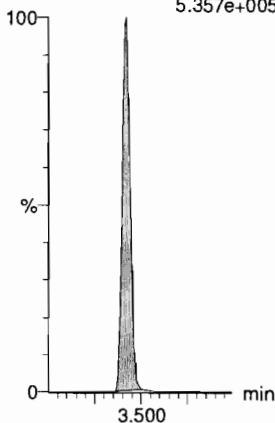
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.640e+005



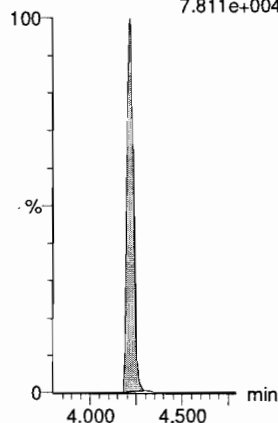
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
5.357e+005



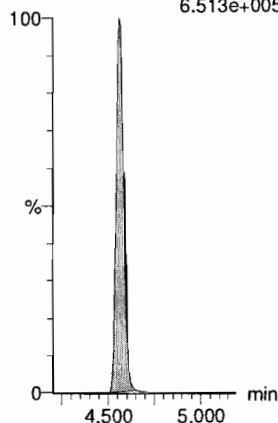
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
7.811e+004



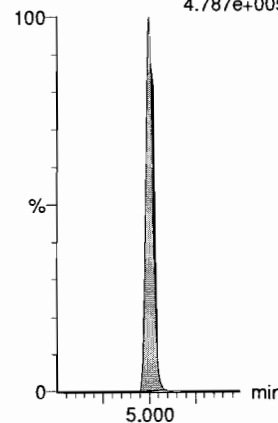
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
6.513e+005



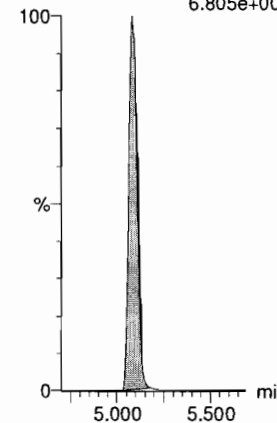
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
4.787e+005



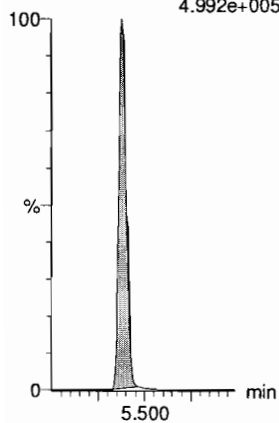
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
6.805e+004



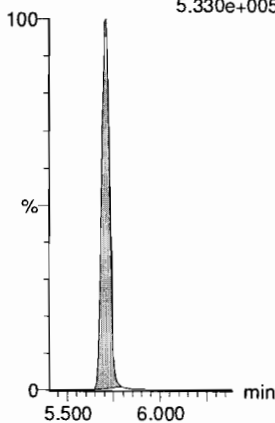
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
4.992e+005



13C7-PFudA

F49:MRM of 1 channel,ES-
570.1 > 524.8
5.330e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

VAD 10/20/18

Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	11310.398	12249.954	1.00	1.26	11.541	9.8	98.2	NO		
2	2 PFPeA	263.1 > 218.9	13932.535	18354.354	1.00	2.52	9.489	10.0	100.0	NO		
3	3 PFBS	299.0 > 79.7	3033.714	2145.977	1.00	2.86	17.671	8.7	87.2	NO	2.761	NO
4	4 4:2 FTS	327.2>307.2	3504.030	4166.621	1.00	3.34	10.512	9.9	99.5	NO	1.737	NO
5	5 PFHxA	313 > 269	24324.043	12237.707	1.00	3.42	9.938	10.0	100.5	NO	15.943	NO
6	6 PFPeS	349.1>80.1	2789.856	2145.977	1.00	3.64	16.251	9.4	94.1	NO	1.579	NO
7	36 13C3-PFBA	216.1 > 171.8	12249.954	15779.388	1.00	1.26	9.704	12.6	100.7	NO		
8	37 13C3-PFPeA	266. > 221.8	18354.354	32051.297	1.00	2.52	7.158	12.3	98.8	NO		
9	38 13C3-PFBS	302. > 98.8	2145.977	3823.841	1.00	2.85	7.015	13.0	103.9	NO		
10	39 13C2-4:2 FTS	329.2>308.9	4166.621	3823.841	1.00	3.33	13.621	12.6	100.6	NO		
11	40 13C2-PFHxA	315 > 270	12237.707	32051.297	1.00	3.42	4.773	4.9	98.2	NO		
12	38 13C3-PFBS	302. > 98.8	2145.977	3823.841	1.00	2.85	7.015	13.0	103.9	NO		
13	-1											
14	10 6:2 FTS	427.1 > 407	3719.257	3920.859	1.00	4.51	11.857	9.6	96.4	NO	3.220	NO
15	7 PFHpA	363.0 > 318.9	17756.521	16327.952	1.00	4.08	13.594	10.4	103.9	NO	14.566	NO
16	8 L-PFHxS	398.9 > 79.6	2280.185	1836.142	1.00	4.22	15.523	8.6	85.9	NO	1.608	NO
17	11 L-PFOA	412.8 > 368.9	29318.012	27501.543	1.00	4.57	13.326	10.0	99.6	NO	3.312	NO
18	13 PFHpS	449 > 80.0	3043.026	4447.376	1.00	4.67	8.553	9.2	92.2	NO	1.797	NO
19	14 PFNA	463.0 > 418.8	26830.201	28014.979	1.00	5.00	11.971	9.8	98.4	NO	4.712	NO
20	43 13C2-6:2 FTS	429.1 > 408.9	3920.859	4346.272	1.00	4.51	11.277	11.7	93.4	NO		
21	41 13C4-PFHpA	367.2 > 321.8	16327.952	32051.297	1.00	4.08	6.368	12.3	98.5	NO		
22	42 18O2-PFHxS	403.0 > 102.6	1836.142	3823.841	1.00	4.22	6.002	12.4	99.5	NO		
23	44 13C2-PFOA	414.9 > 369.7	27501.543	37407.707	1.00	4.57	9.190	12.1	97.2	NO		
24	47 13C8-PFOS	507.0 > 79.9	4447.376	4346.272	1.00	5.09	12.791	12.7	102.0	NO		
25	45 13C5-PFNA	468.2 > 422.9	28014.979	28406.338	1.00	5.00	12.328	12.7	101.9	NO		
26	-1											
27	15 PFOSA	497.9 > 77.9	5255.183	5763.323	1.00	5.04	11.398	10.4	104.2	NO	31.925	NO
28	16 L-PFOS	498.9 > 79.9	3308.728	4447.376	1.00	5.09	9.300	8.7	87.4	NO	1.865	NO
29	18 PFDA	513 > 468.8	29838.117	27605.404	1.00	5.38	13.511	10.3	103.2	NO	6.068	NO
30	19 8:2 FTS	527 > 506.9	3836.841	3082.525	1.00	5.35	15.559	10.6	106.1	NO	2.489	NO
31	20 PFNS	549.1 > 80.1	2540.427	4447.376	1.00	5.45	7.140	8.7	87.3	NO	1.577	NO
32	21 L-MeFOSAA	570 > 419	8607.431	5491.435	1.00	5.53	19.593	11.3	113.3	NO	2.766	NO
33	46 13C8-PFOSA	506.1 > 77.7	5763.323	35175.375	1.00	5.04	2.048	12.1	96.7	NO		
34	47 13C8-PFOS	507.0 > 79.9	4447.376	4346.272	1.00	5.09	12.791	12.7	102.0	NO		

DM 10/20/18

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

(A) Not in ICV.

Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery ...	Ion Ratio	Ratio Out?
35	48 13C2-PFDA	515.1 > 469.9	27605.404	31035.691	1.00	5.38	11.118	12.6	100.5	NO		
36	49 13C2-8:2 FTS	529.1 > 508.7	3082.525	4346.272	1.00	5.35	8.865	11.2	89.8	NO		
37	47 13C8-PFOS	507.0 > 79.9	4447.376	4346.272	1.00	5.09	12.791	12.7	102.0	NO		
38	50 d3-N-MeFOSAA	573.3 > 419	5491.435	35175.375	1.00	5.53	1.951	12.1	96.4	NO		
39	-1											
40	23 L-EtFOSAA	584.1 > 419	8113.820	7165.974	1.00	5.69	14.153	11.8	118.2	NO	1.652	NO
41	27 PFDaA	612.9 > 569.0	32547.320	30666.074	1.00	5.99	13.267	10.6	105.6	NO	9.659	NO
42	26 PFDS	598.8 > 79.9	3285.229	4447.376	1.00	5.76	9.234	9.5	94.8	NO	1.639	NO
43	25 PFUdA	563.0 > 518.9	27095.443	32830.172	1.00	5.71	10.317	10.1	101.1	NO	10.361	NO
44	28 N-MeFOSA	512.1 > 168.9		21912.811	1.00				(A)	NO		
45	29 PFTrDA	662.9 > 618.9	28699.188	30666.074	1.00	6.24	11.698	10.1	101.5	NO	25.500	NO
46	52 d5-N-EtFOSAA	589.3 > 419	7165.974	35175.375	1.00	5.69	2.547	12.4	98.9	NO		
47	53 13C2-PFDaA	615.0 > 569.7	30666.074	31035.691	1.00	5.99	12.351	11.9	95.5	NO		
48	47 13C8-PFOS	507.0 > 79.9	4447.376	4346.272	1.00	5.09	12.791	12.7	102.0	NO		
49	51 13C2-PFUdA	565 > 519.8	32830.172	35175.375	1.00	5.71	11.667	12.5	100.2	NO		
50	54 d3-N-MeFOSA	515.2 > 168.9	21912.811	35175.375	1.00	5.97	7.787	146.8	97.9	NO		
51	53 13C2-PFDaA	615.0 > 569.7	30666.074	31035.691	1.00	5.99	12.351	11.9	95.5	NO		
52	-1											
53	30 PFTeDA	713.0 > 669.0	26962.811	20717.416	1.00	6.46	16.268	10.2	101.8	NO	13.554	NO
54	31 N-EtFOSA	526.1 > 168.9		30573.645	1.00					NO		
55	32 PFHxDA	813.1 > 768.6		9477.582	1.00					NO		
56	33 PFODA	913.1 > 868.8		9477.582	1.00					NO		
57	34 N-MeFOSE	616.1 > 58.9		16617.840	1.00					NO		
58	35 N-EtFOSE	630.1 > 58.9		16740.383	1.00					NO		
59	55 13C2-PFTeDA	715.1 > 669.7	20717.416	35175.375	1.00	6.46	7.362	11.9	94.9	NO		
60	56 d5-N-ETFOSA	531.1 > 168.9	30573.645	35175.375	1.00	6.43	10.865	155.1	103.4	NO		
61	57 13C2-PFHxDA	815 > 769.7	9477.582	35175.375	1.00	6.79	3.368	4.8	96.4	NO		
62	57 13C2-PFHxDA	815 > 769.7	9477.582	35175.375	1.00	6.79	3.368	4.8	96.4	NO		
63	58 d7-N-MeFOSE	623.1 > 58.9	16617.840	35175.375	1.00	6.65	5.905	142.0	94.7	NO		
64	59 d9-N-EtFOSE	639.2 > 58.8	16740.383	35175.375	1.00	6.80	5.949	144.5	96.3	NO		
65	-1											
66	60 13C4-PFBA	217. > 172	15779.388	15779.388	1.00	1.26	12.500	12.5	100.0	NO		
67	61 13C5-PFHxA	318 > 272.9	32051.297	32051.297	1.00	3.42	12.500	12.5	100.0	NO		
68	62 13C3-PFHxS	401.8 > 79.9	3823.841	3823.841	1.00	4.22	12.500	12.5	100.0	NO		

(A)
↓

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

#	Name	Trace	Area	IS Area	wt/vol	RT	Response	Conc.	%Rec	Recovery...	Ion Ratio	Ratio Out?
69	63 13C8-PFOA	420.9 > 376	37407.707	37407.707	1.00	4.57	12.500	12.5	100.0		NO	
70	64 13C9-PFNA	472.2 > 426.9	28406.338	28406.338	1.00	5.00	12.500	12.5	100.0		NO	
71	65 13C4-PFOS	503 > 79.9	4346.272	4346.272	1.00	5.09	12.500	12.5	100.0		NO	
72	66 13C6-PFDA	519.1 > 473.7	31035.691	31035.691	1.00	5.38	12.500	12.5	100.0		NO	
73	67 13C7-PFUdA	570.1 > 524.8	35175.375	35175.375	1.00	5.71	12.500	12.5	100.0		NO	

Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

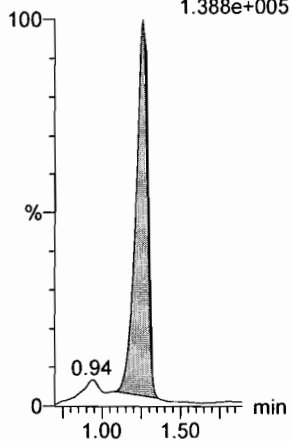
Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

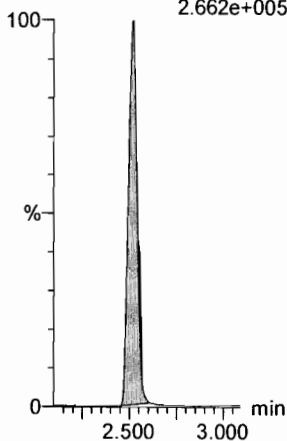
PFBA

F2:MRM of 1 channel,ES-
213.0 > 168.8
1.388e+005



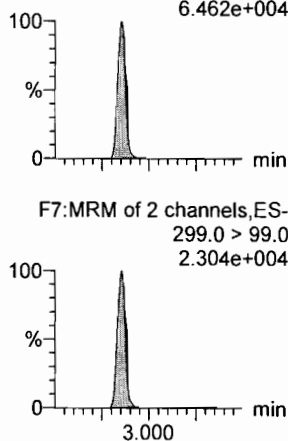
PFPeA

F5:MRM of 1 channel,ES-
263.1 > 218.9
2.662e+005



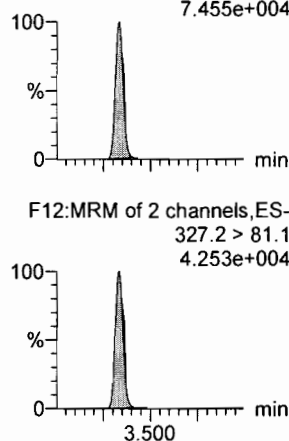
PFBS

F7:MRM of 2 channels,ES-
299.0 > 79.7
6.462e+004



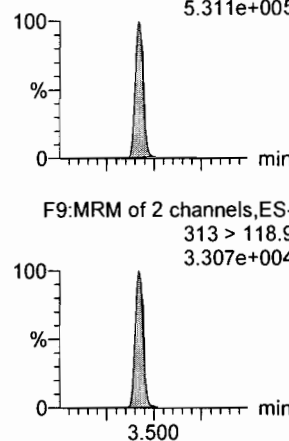
4:2 FTS

F12:MRM of 2 channels,ES-
327.2 > 307.2
7.455e+004



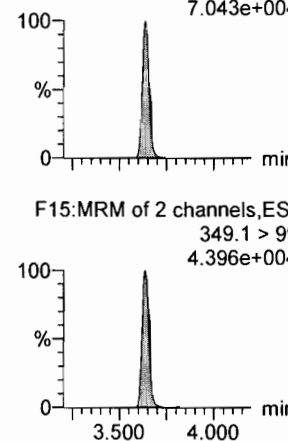
PFHxA

F9:MRM of 2 channels,ES-
313 > 269
5.311e+005



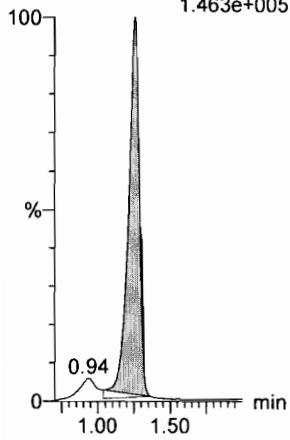
PFPeS

F15:MRM of 2 channels,ES-
349.1 > 80.1
7.043e+004



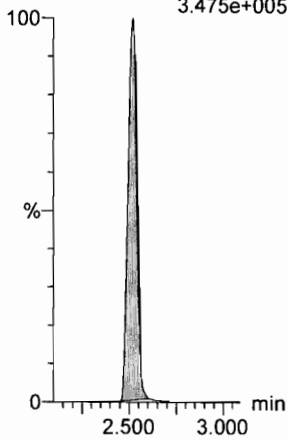
13C3-PFBA

F3:MRM of 1 channel,ES-
216.1 > 171.8
1.463e+005



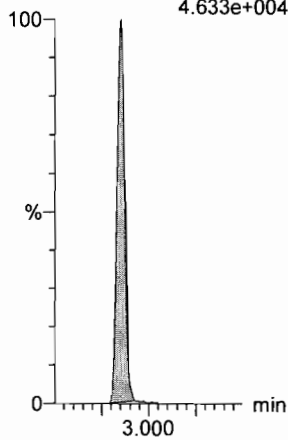
13C3-PFPeA

F6:MRM of 1 channel,ES-
266. > 221.8
3.475e+005



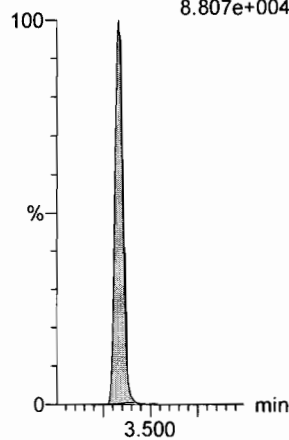
13C3-PFBS

F8:MRM of 1 channel,ES-
302. > 98.8
4.633e+004



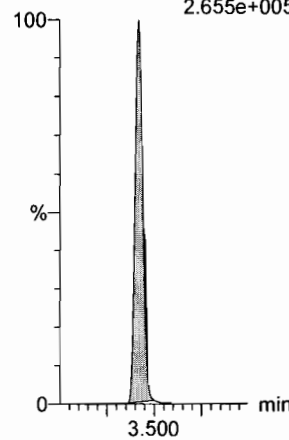
13C2-4:2 FTS

F13:MRM of 1 channel,ES-
329.2 > 308.9
8.807e+004



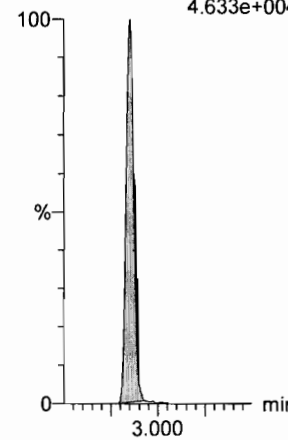
13C2-PFHxA

F10:MRM of 1 channel,ES-
315 > 270
2.655e+005



13C3-PFBS

F8:MRM of 1 channel,ES-
302. > 98.8
4.633e+004



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

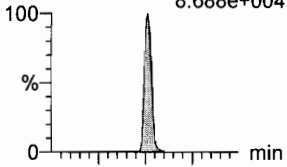
Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

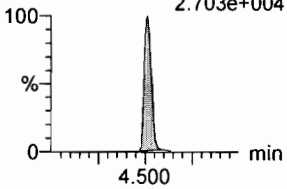
Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
8.688e+004

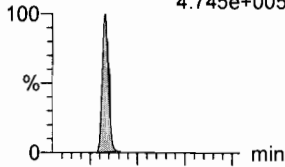


F24:MRM of 2 channels,ES-
427.1 > 80
2.703e+004

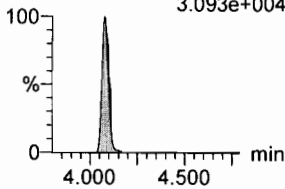


PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
4.745e+005

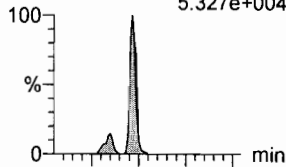


F16:MRM of 2 channels,ES-
363.0 > 169.0
3.093e+004

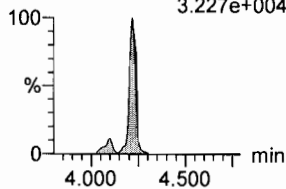


L-PFHxS

F18:MRM of 2 channels,ES-
398.9 > 79.6
5.327e+004

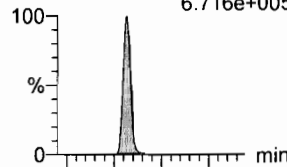


F18:MRM of 2 channels,ES-
398.9 > 99.0
3.227e+004

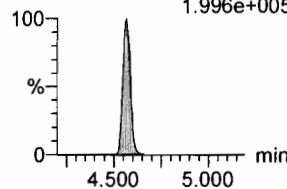


L-PFOA

F21:MRM of 2 channels,ES-
412.8 > 368.9
6.716e+005

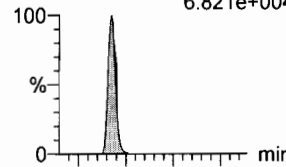


F21:MRM of 2 channels,ES-
412.8 > 169
1.996e+005

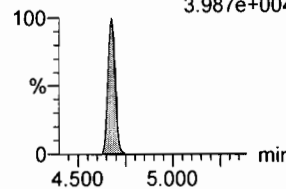


PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
6.821e+004

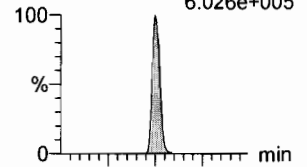


F26:MRM of 2 channels,ES-
449 > 98.7
3.987e+004

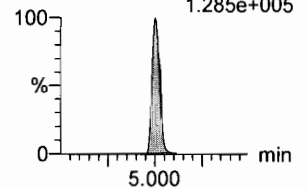


PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
6.026e+005

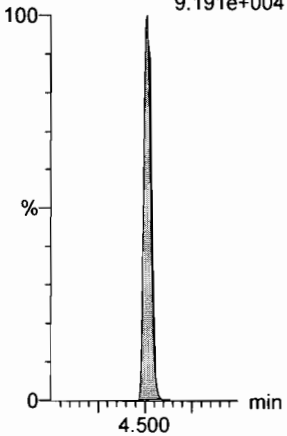


F27:MRM of 2 channels,ES-
463.0 > 219.0
1.285e+005



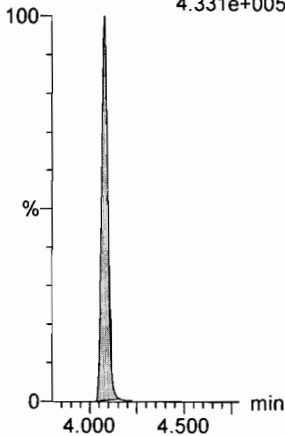
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
9.191e+004



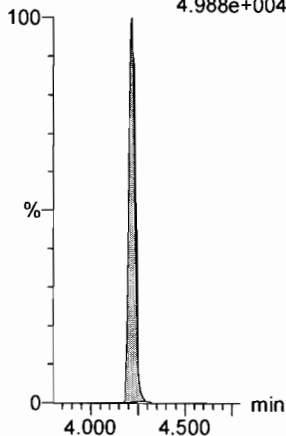
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
4.331e+005



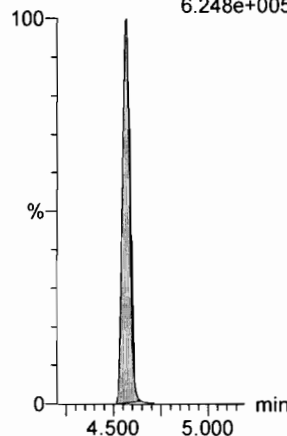
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
4.988e+004



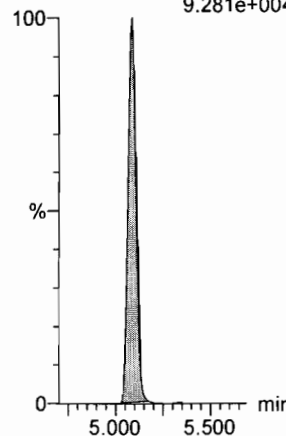
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
6.248e+005



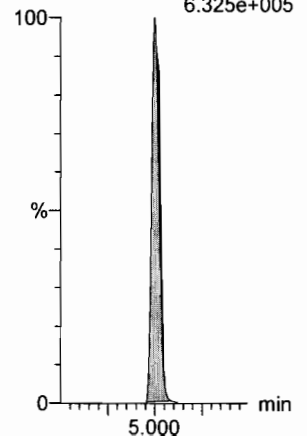
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
9.281e+004



13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
6.325e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

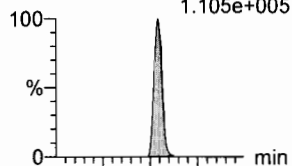
Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

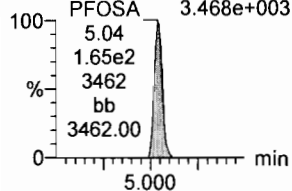
Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

PFOSA

F30:MRM of 2 channels,ES-
497.9 > 77.9
1.105e+005

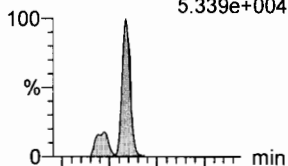


F30:MRM of 2 channels,ES-
497.9 > 169
3.468e+003

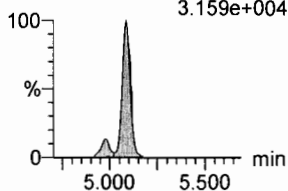


L-PFOS

F32:MRM of 2 channels,ES-
498.9 > 79.9
5.339e+004

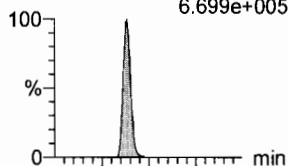


F32:MRM of 2 channels,ES-
498.9 > 99
3.159e+004

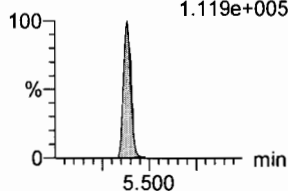


PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
6.699e+005

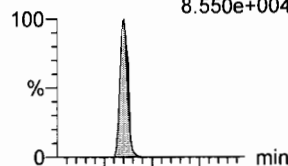


F37:MRM of 2 channels,ES-
513 > 219
1.119e+005

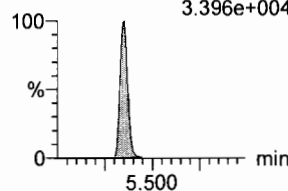


8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
8.550e+004

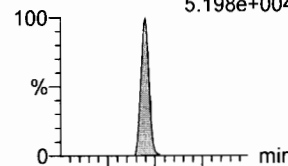


F42:MRM of 2 channels,ES-
527 > 80
3.396e+004

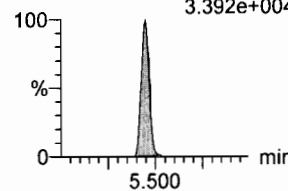


PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
5.198e+004

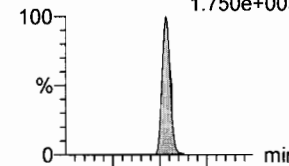


F45:MRM of 2 channels,ES-
549.1 > 99.1
3.392e+004

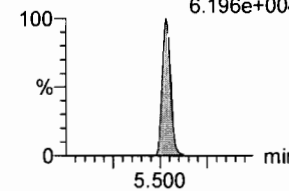


L-MeFOSAA

F48:MRM of 2 channels,ES-
570 > 419
1.750e+005

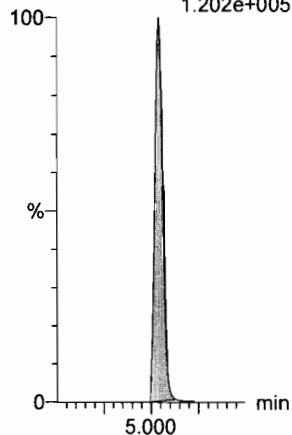


F48:MRM of 2 channels,ES-
570. > 512
6.196e+004



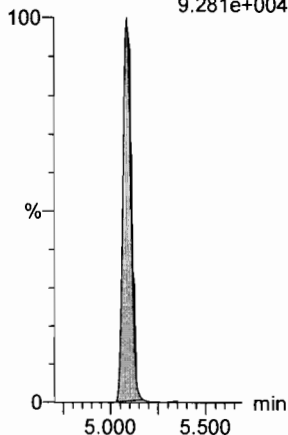
13C8-PFOSA

F34:MRM of 1 channel,ES-
506.1 > 77.7
1.202e+005



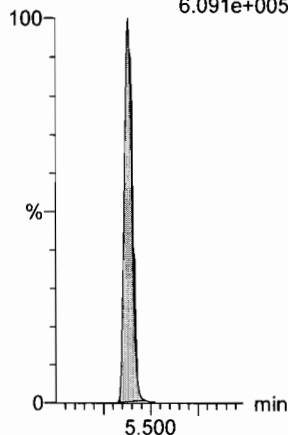
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
9.281e+004



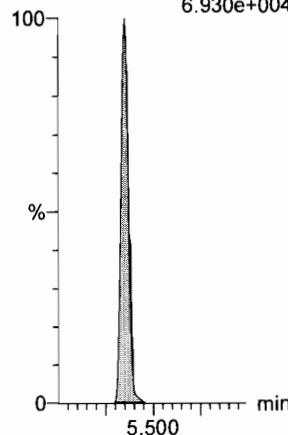
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
6.091e+005



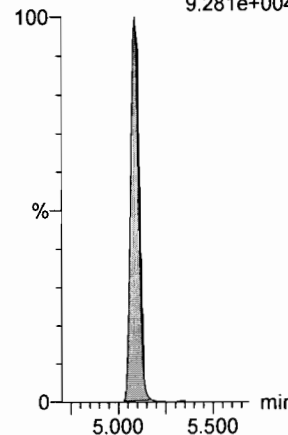
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
6.930e+004



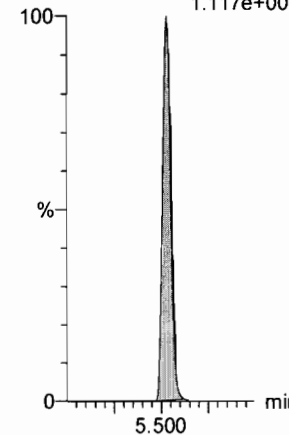
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
9.281e+004



d3-N-MeFOSAA

F50:MRM of 1 channel,ES-
573.3 > 419
1.117e+005

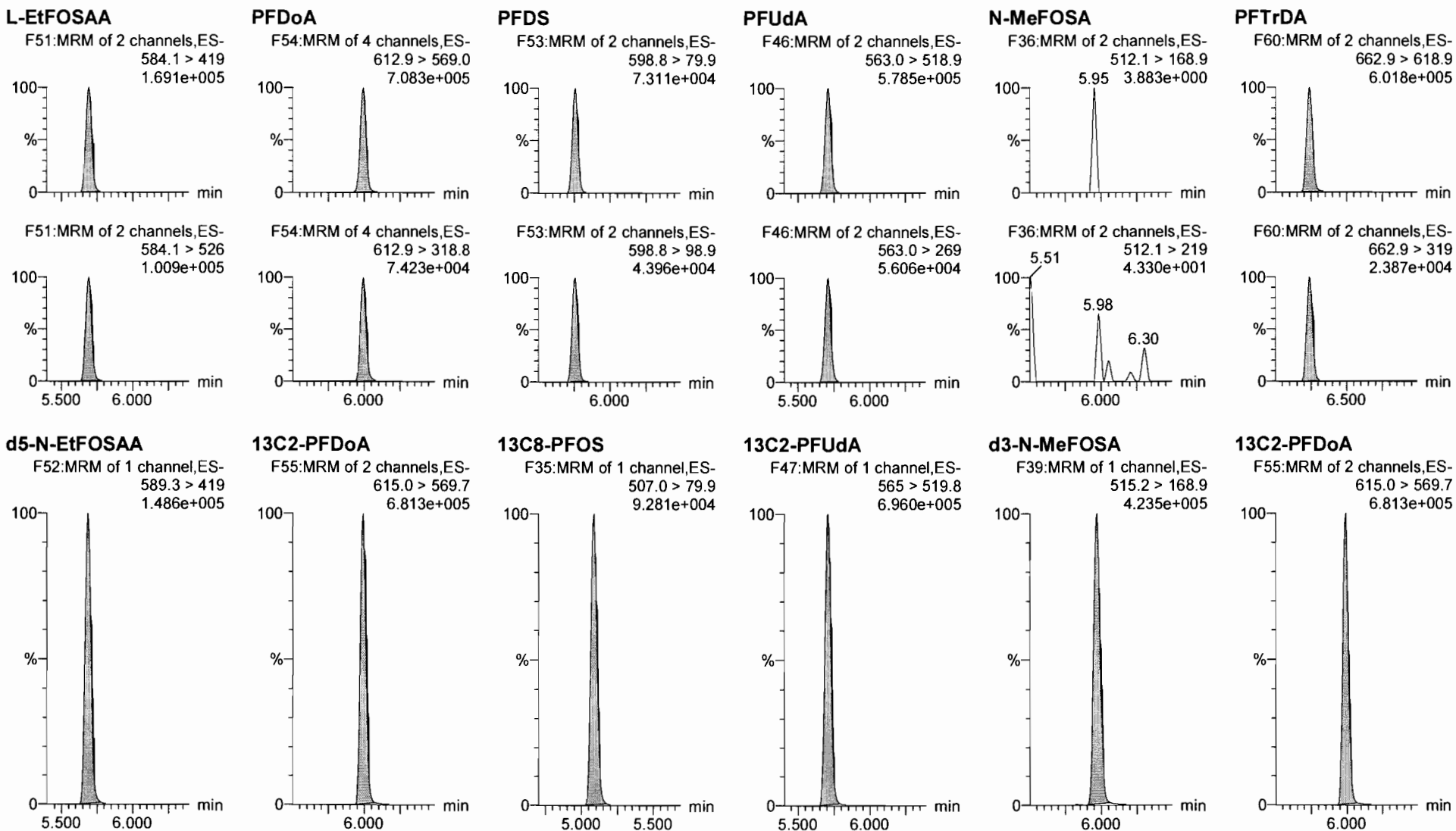


Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

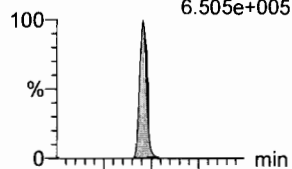
Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

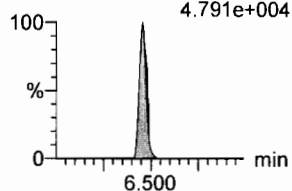
Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

PFTeDA

F61:MRM of 2 channels,ES-
713.0 > 669.0
6.505e+005

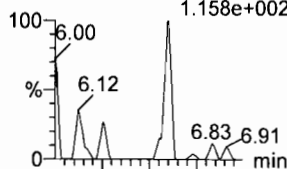


F61:MRM of 2 channels,ES-
713. > 369.0
4.791e+004

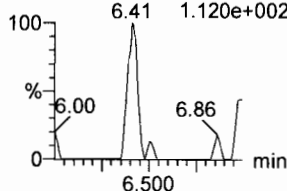


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
1.158e+002

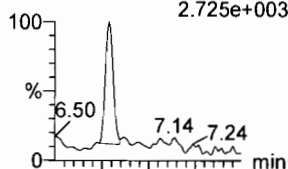


F41:MRM of 2 channels,ES-
526.1 > 219
1.120e+002

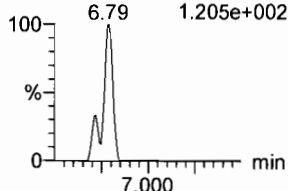


PFHxDA

F63:MRM of 2 channels,ES-
813.1 > 768.6
2.725e+003

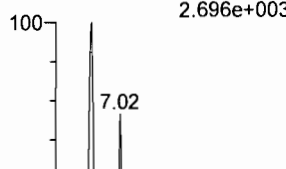


F63:MRM of 2 channels,ES-
813.1 > 219
1.205e+002



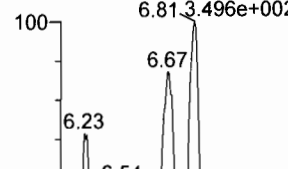
PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
2.696e+003



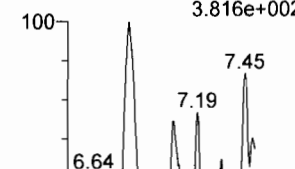
N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
6.813496e+002



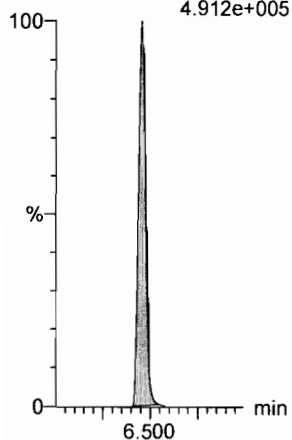
N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
3.816e+002



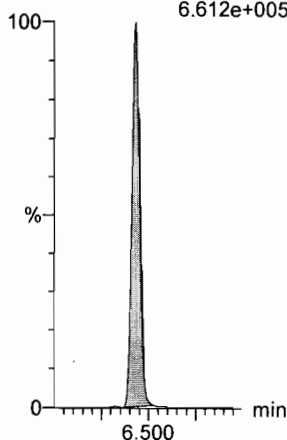
13C2-PFTeDA

F62:MRM of 2 channels,ES-
715.1 > 669.7
4.912e+005



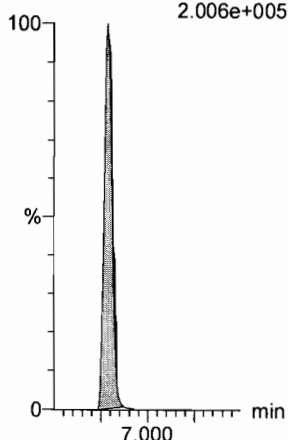
d5-N-ETFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
6.612e+005



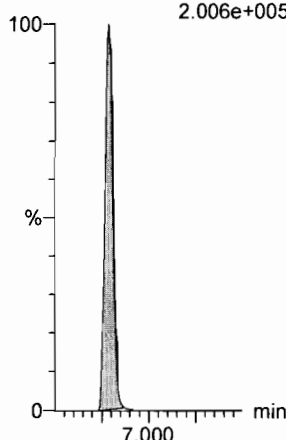
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
2.006e+005



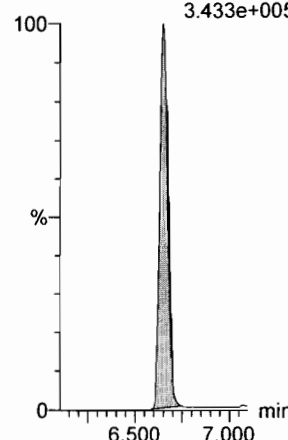
13C2-PFHxDA

F64:MRM of 1 channel,ES-
815 > 769.7
2.006e+005



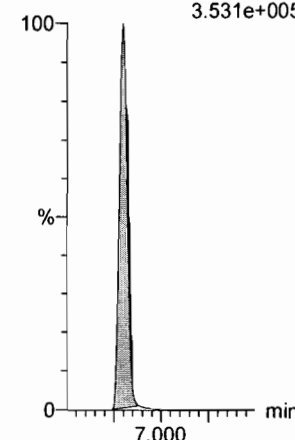
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
3.433e+005



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8
3.531e+005



Dataset: F:\Projects\PFAS.PRO\Results\181028M1\181028M1-ICV.qld

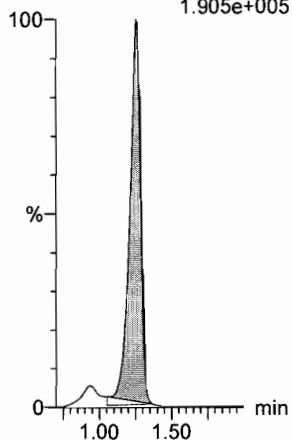
Last Altered: Sunday, October 28, 2018 12:56:45 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:54 Pacific Daylight Time

Name: 181028M1_13, Date: 28-Oct-2018, Time: 12:16:27, ID: ICV181028M1-1 PFC ICV 18J1825, Description: PFC ICV 18J1825

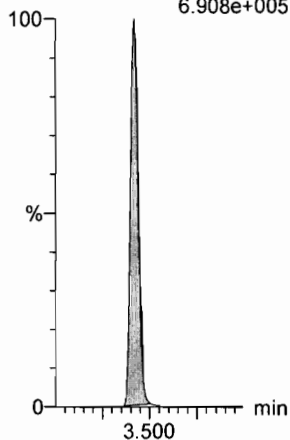
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 172
1.905e+005



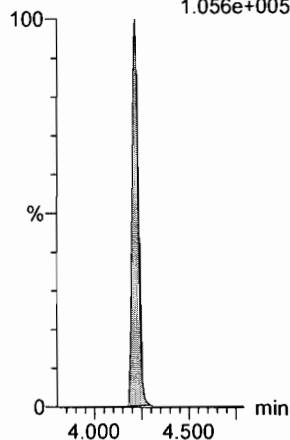
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
6.908e+005



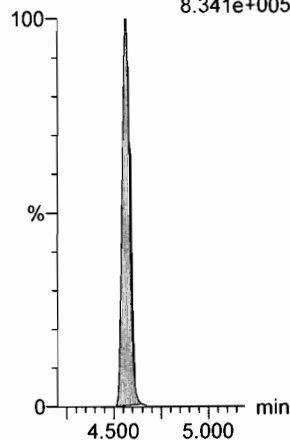
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.8 > 79.9
1.056e+005



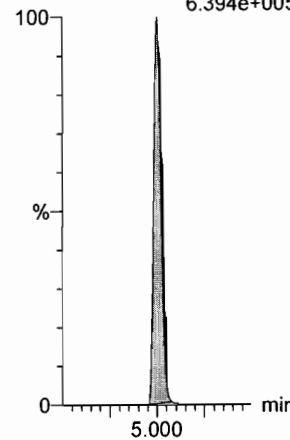
13C8-PFOA

F23:MRM of 1 channel,ES-
420.9 > 376
8.341e+005



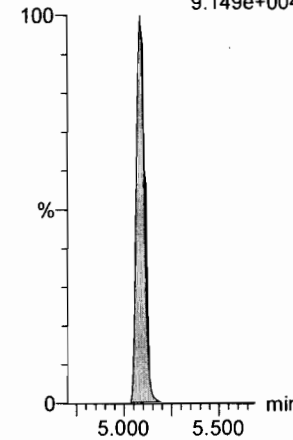
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.394e+005



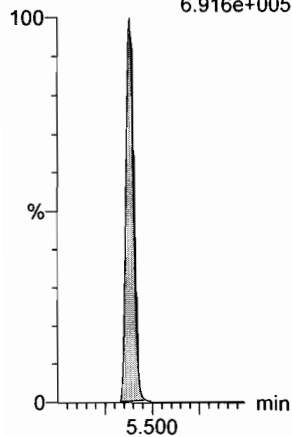
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
9.149e+004



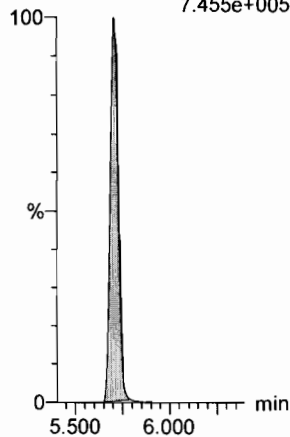
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
6.916e+005



13C7-PFUDA

F49:MRM of 1 channel,ES-
570.1 > 524.8
7.455e+005



Dataset: Untitled

Last Altered: Sunday, October 28, 2018 12:56:07 Pacific Daylight Time

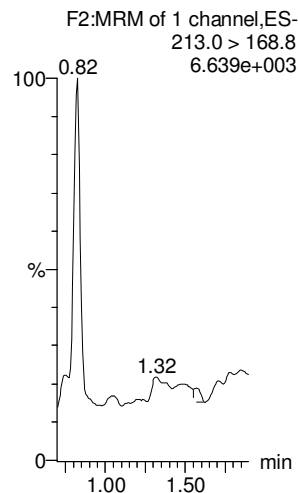
Printed: Sunday, October 28, 2018 12:56:23 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_102818.mdb 28 Oct 2018 12:42:28

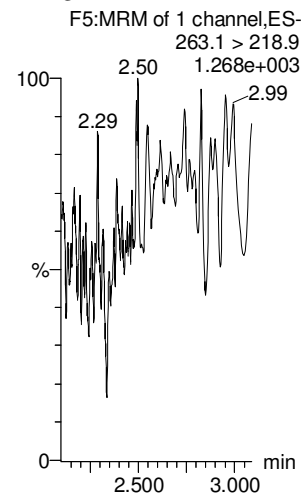
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_10-28-18.cdb 28 Oct 2018 12:45:50

Name: 181028M1_12, Date: 28-Oct-2018, Time: 12:05:48, ID: IPA, Description: IPA

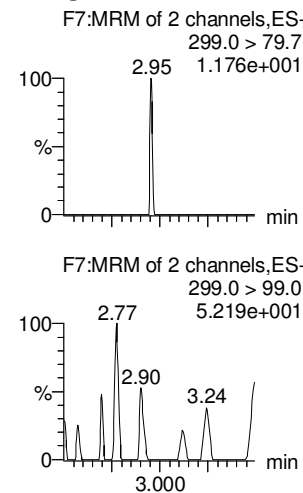
PFBA



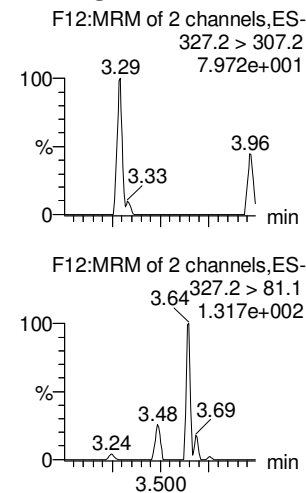
PFPeA



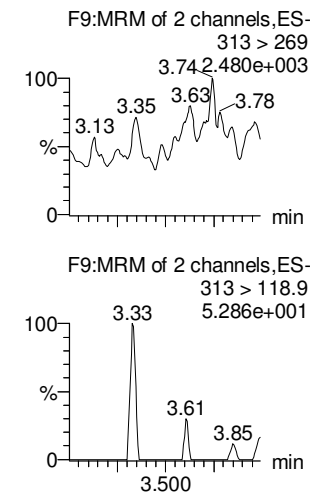
PFBS



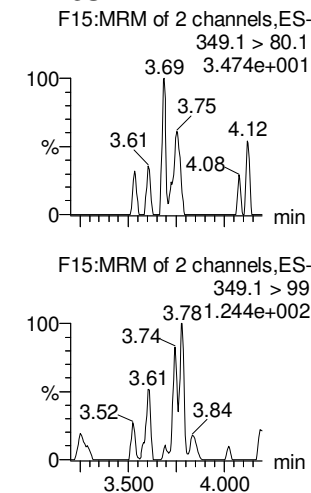
4:2 FTS



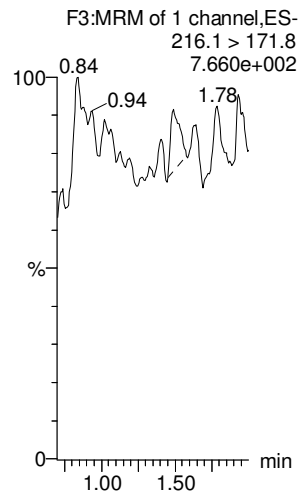
PFHxA



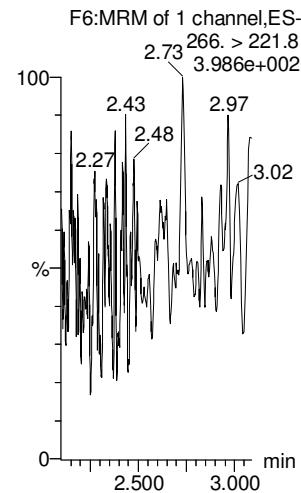
PFPeS



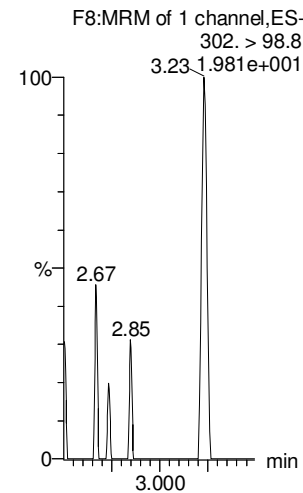
13C3-PFBA



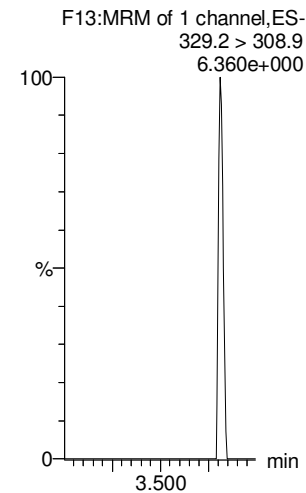
13C3-PFPeA



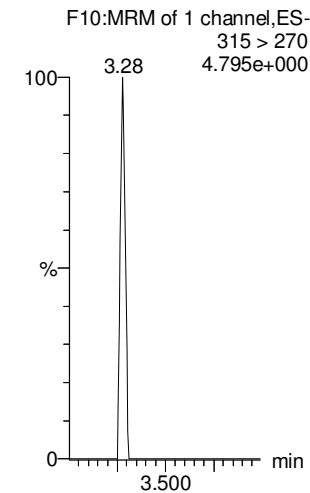
13C3-PFBS



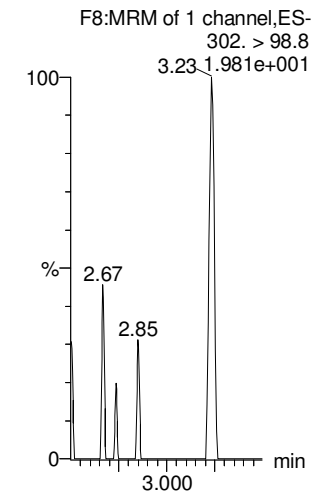
13C2-4:2 FTS



13C2-PFHxA



13C3-PFBS



Dataset: Untitled

Last Altered: Sunday, October 28, 2018 12:56:07 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:23 Pacific Daylight Time

Name: 181028M1_12, Date: 28-Oct-2018, Time: 12:05:48, ID: IPA, Description: IPA

6:2 FTS

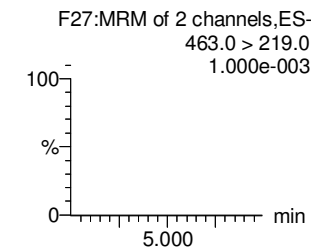
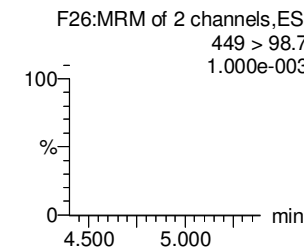
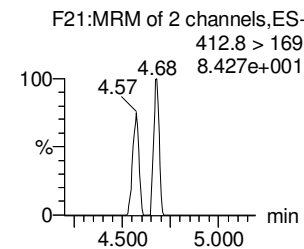
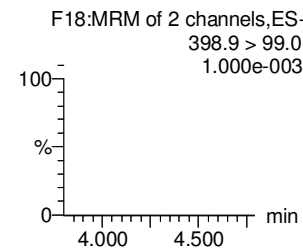
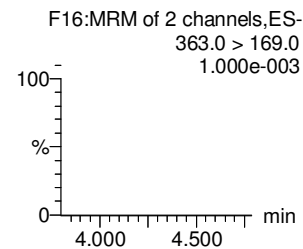
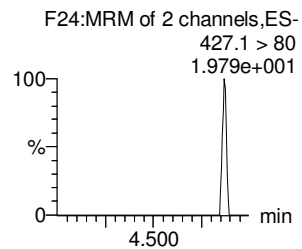
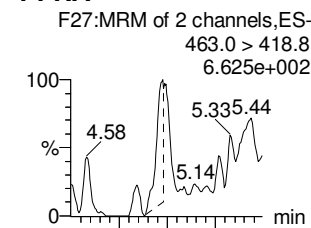
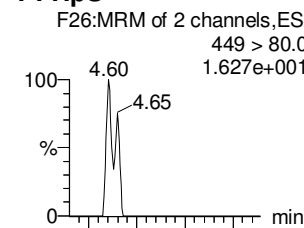
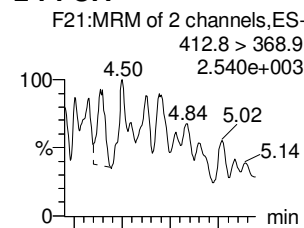
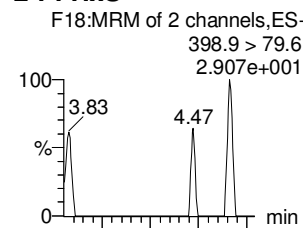
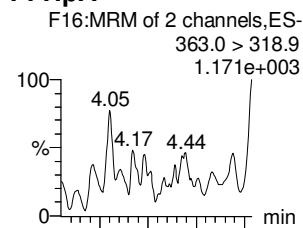
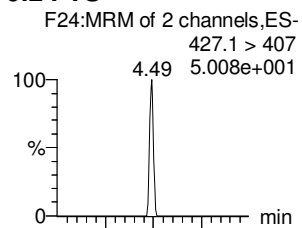
PFHpA

L-PFHxS

L-PFOA

PFHpS

PFNA



13C2-6:2 FTS

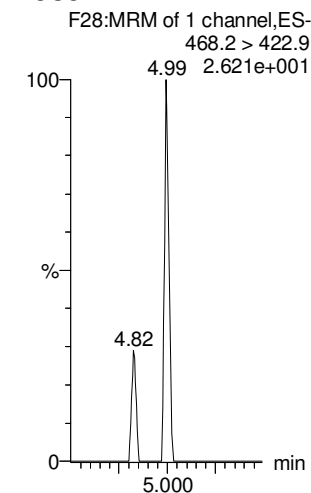
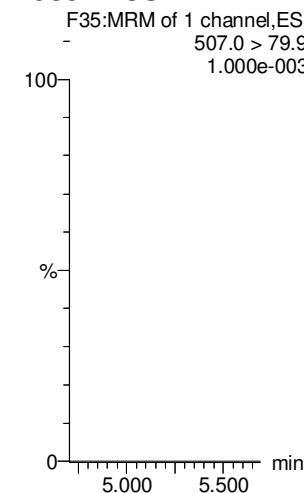
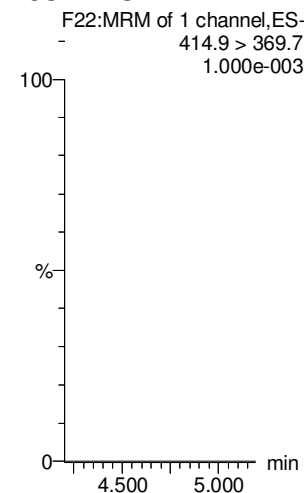
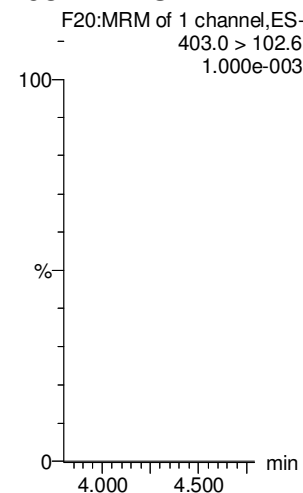
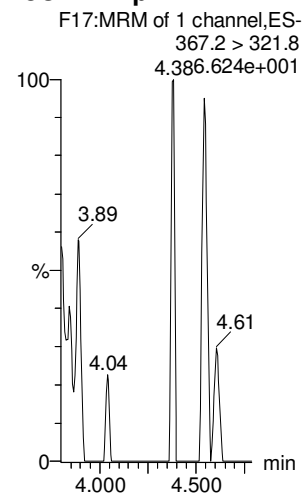
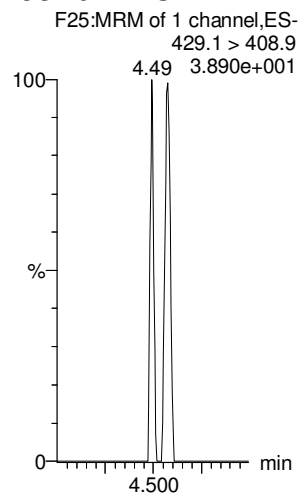
13C4-PFHpA

18O2-PFHxS

13C2-PFOA

13C8-PFOS

13C5-PFNA



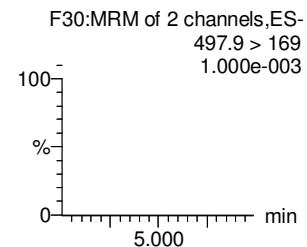
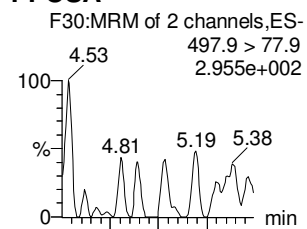
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Last Altered: Sunday, October 28, 2018 12:56:07 Pacific Daylight Time

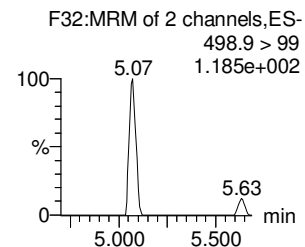
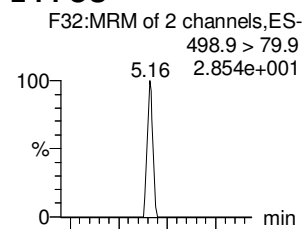
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Name: 181028M1_12, Date: 28-Oct-2018, Time: 12:05:48, ID: IPA, Description: IPA

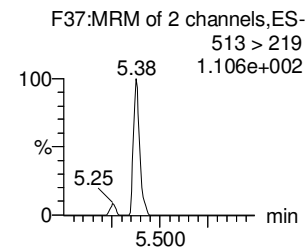
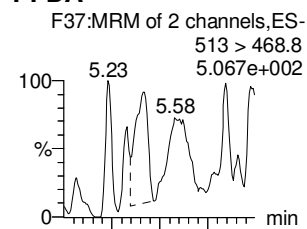
PFOSA



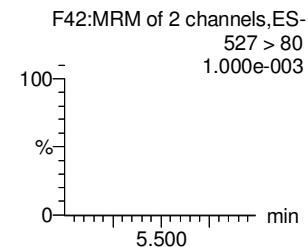
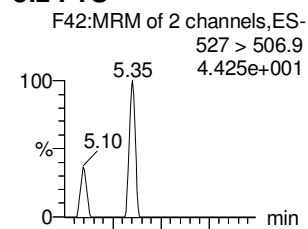
L-PFOS



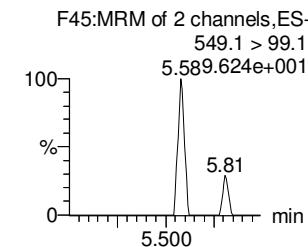
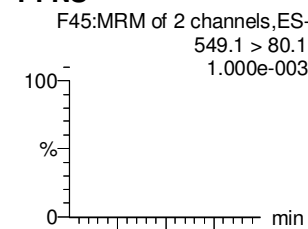
PFDA



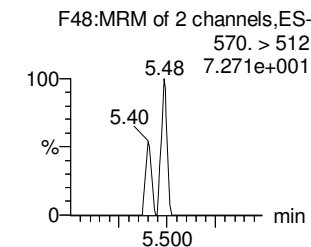
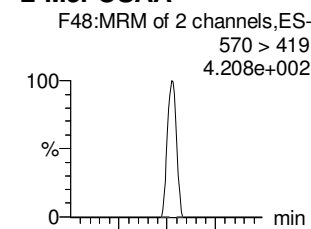
8:2 FTS



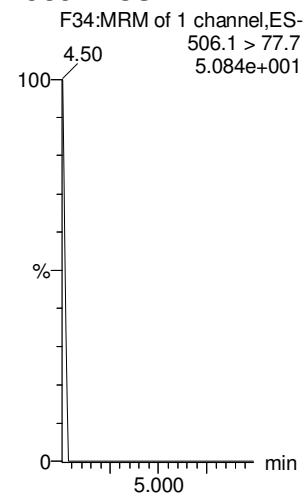
PFNS



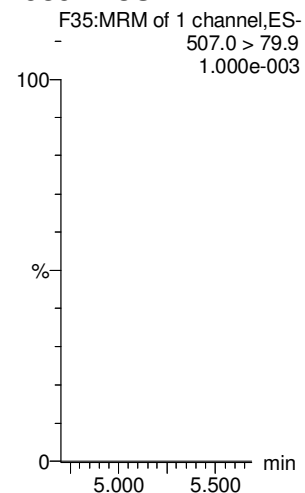
L-MeFOSAA



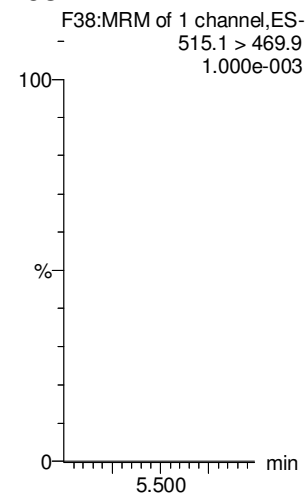
13C8-PFOSA



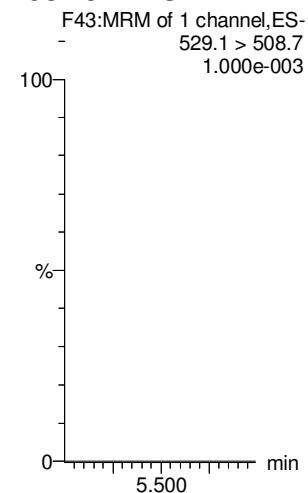
13C8-PFOS



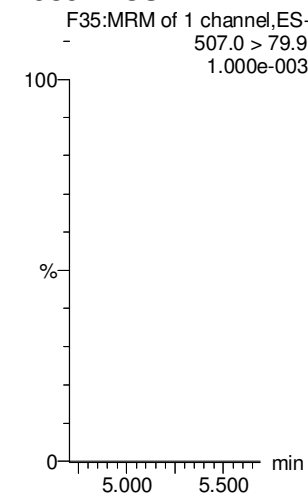
13C2-PFDA



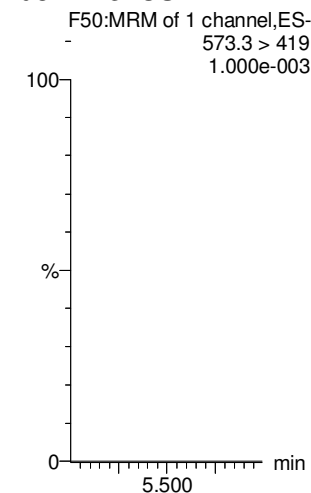
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



Dataset: Untitled

Last Altered: Sunday, October 28, 2018 12:56:07 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:23 Pacific Daylight Time

Name: 181028M1_12, Date: 28-Oct-2018, Time: 12:05:48, ID: IPA, Description: IPA

L-EtFOSAA

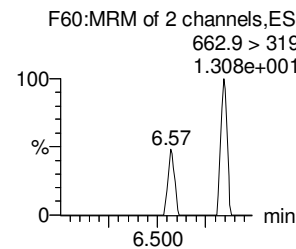
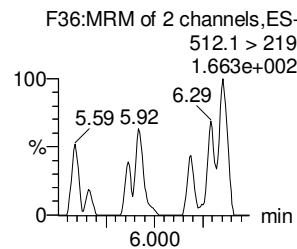
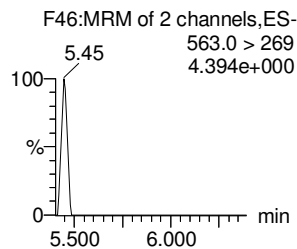
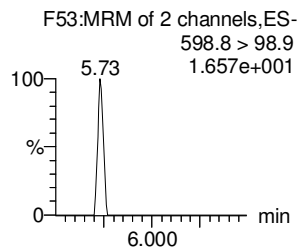
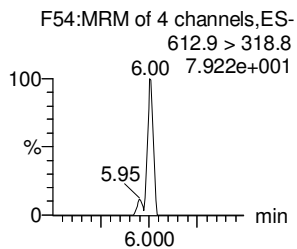
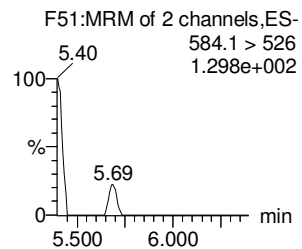
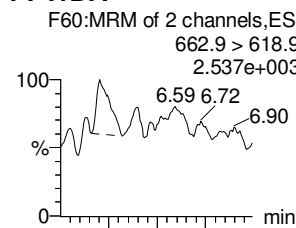
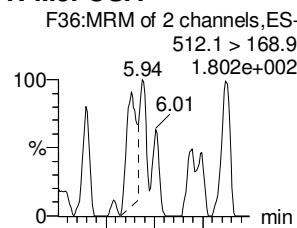
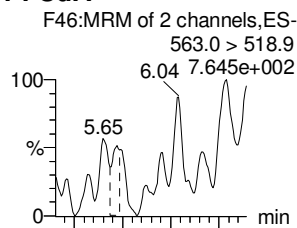
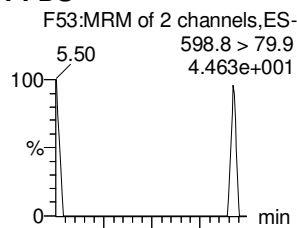
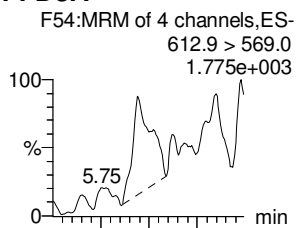
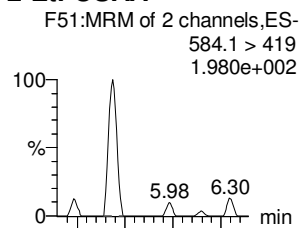
PFDoA

PFDS

PFUdA

N-MeFOSA

PFTrDA



d5-N-EtFOSAA

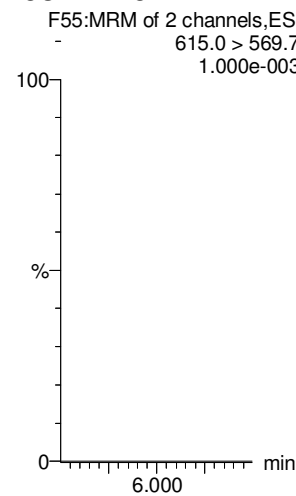
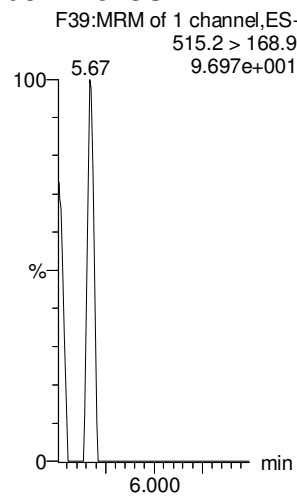
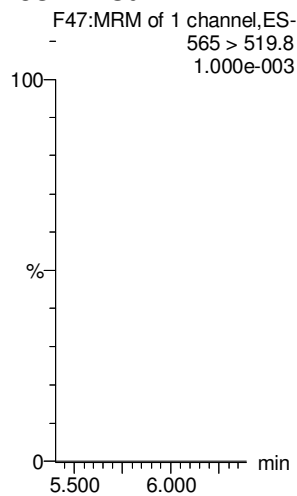
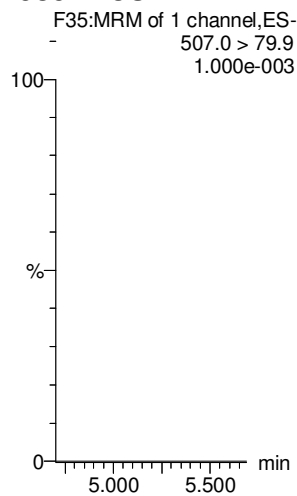
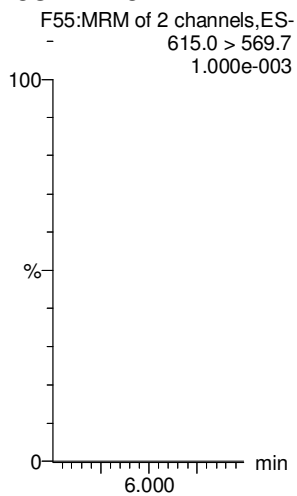
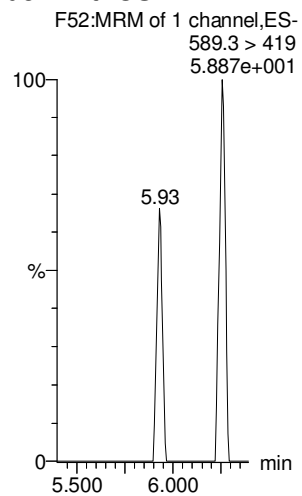
13C2-PFDoA

13C8-PFOS

13C2-PFUdA

d3-N-MeFOSA

13C2-PFDoA



Dataset: Untitled

Last Altered: Sunday, October 28, 2018 12:56:07 Pacific Daylight Time

Printed: Sunday, October 28, 2018 12:56:23 Pacific Daylight Time

Name: 181028M1_12, Date: 28-Oct-2018, Time: 12:05:48, ID: IPA, Description: IPA

PFTeDA

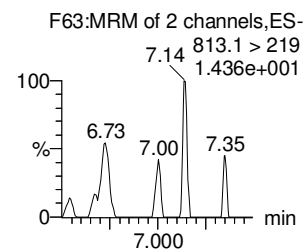
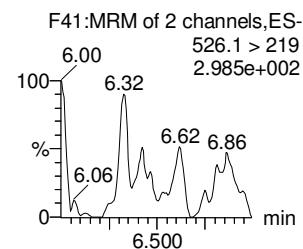
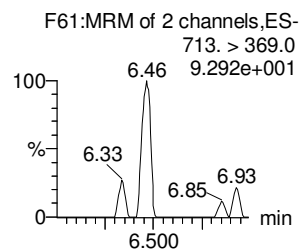
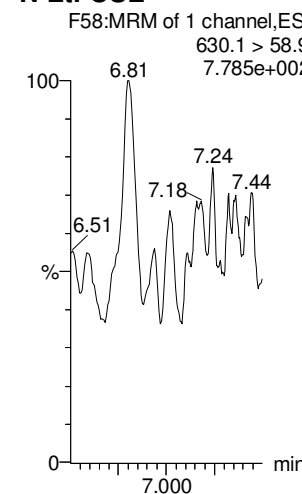
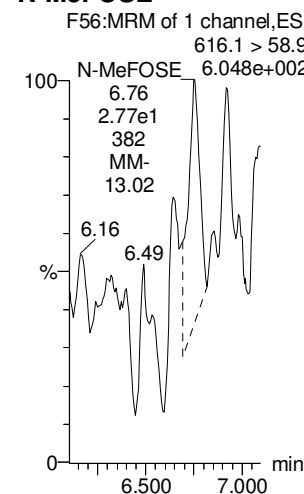
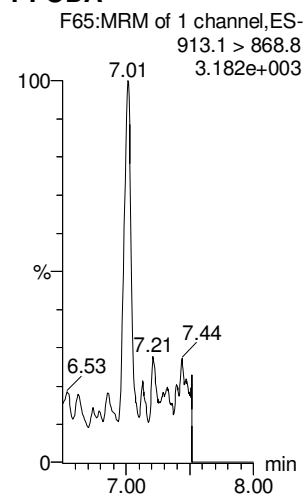
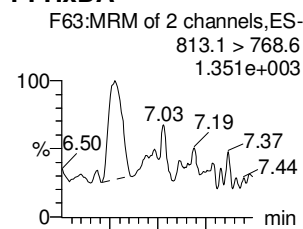
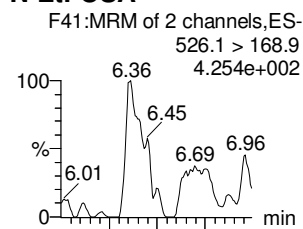
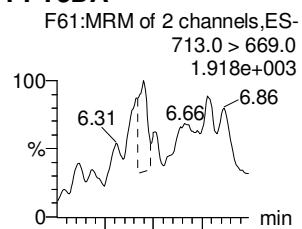
N-EtFOSA

PFHxDA

PFODA

N-MeFOSE

N-EtFOSE



13C2-PFTeDA

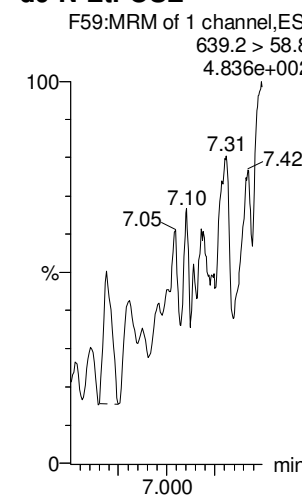
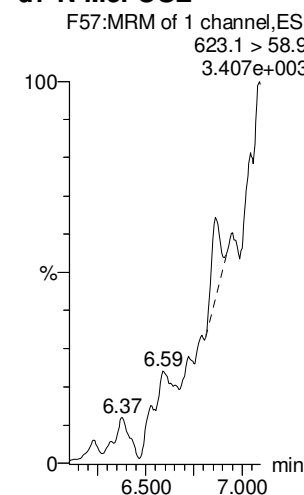
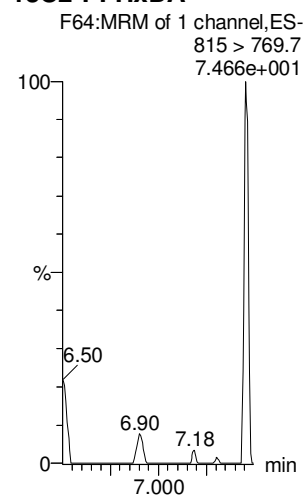
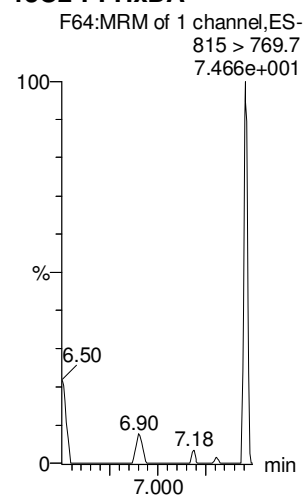
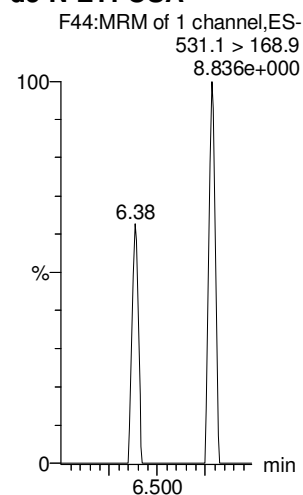
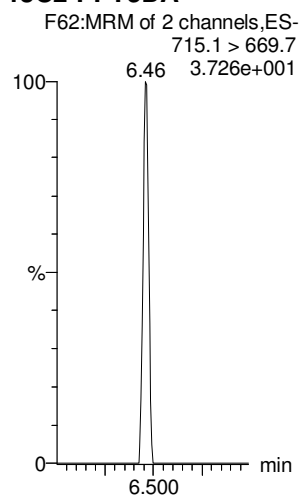
d5-N-ETFOSA

13C2-PFHxDA

13C2-PFHxDA

d7-N-MeFOSE

d9-N-EtFOSE



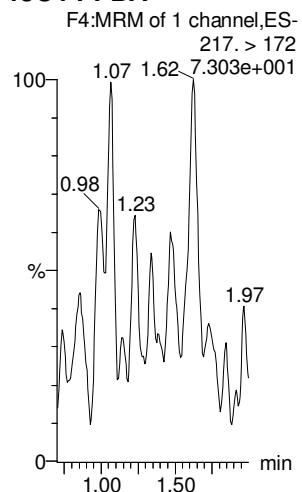
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Last Altered: Sunday, October 28, 2018 12:56:07 Pacific Daylight Time

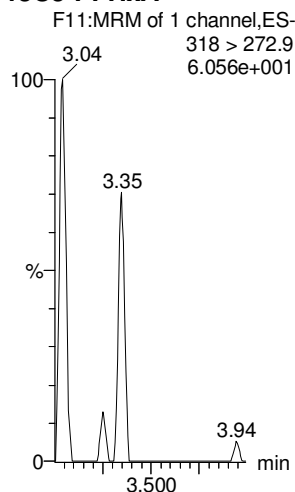
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Name: 181028M1_12, Date: 28-Oct-2018, Time: 12:05:48, ID: IPA, Description: IPA

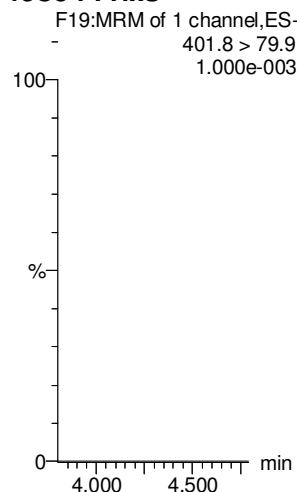
13C4-PFBA



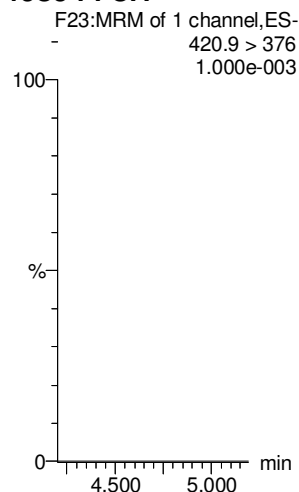
13C5-PFHxA



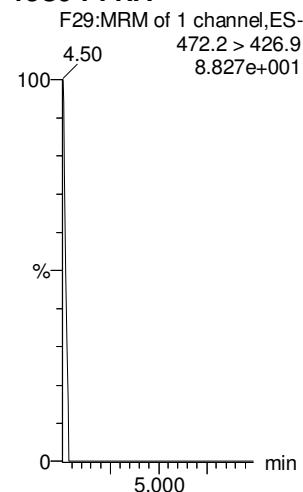
13C3-PFHxS



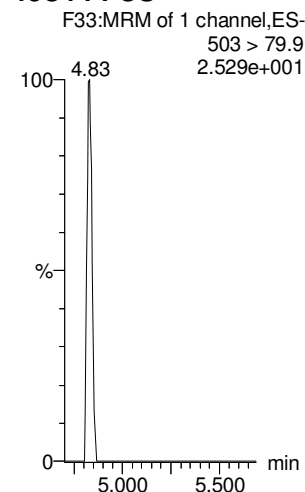
13C8-PFOA



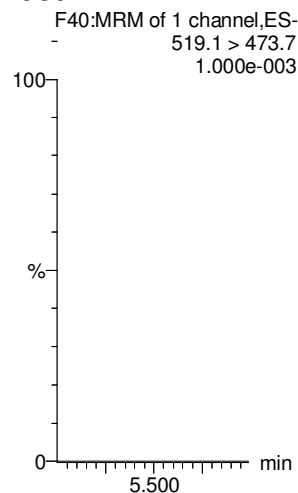
13C9-PFNA



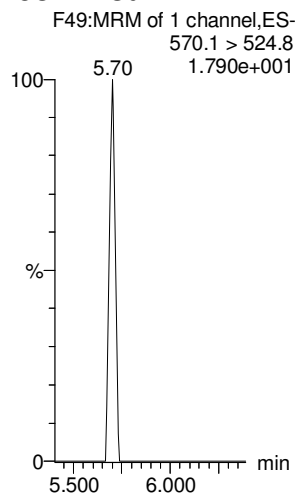
13C4-PFOS



13C6-PFDA



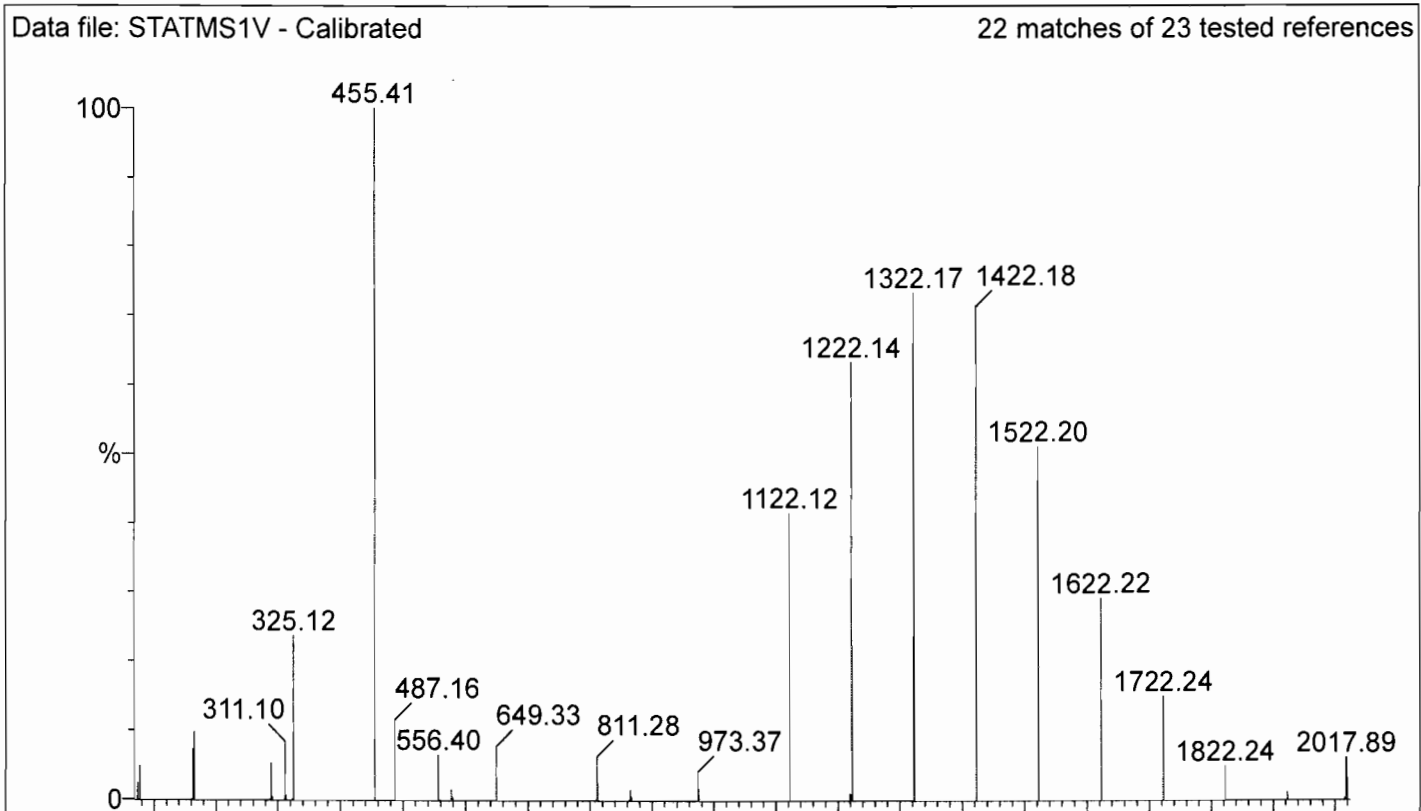
13C7-PFUdA



TUNE CHECKS

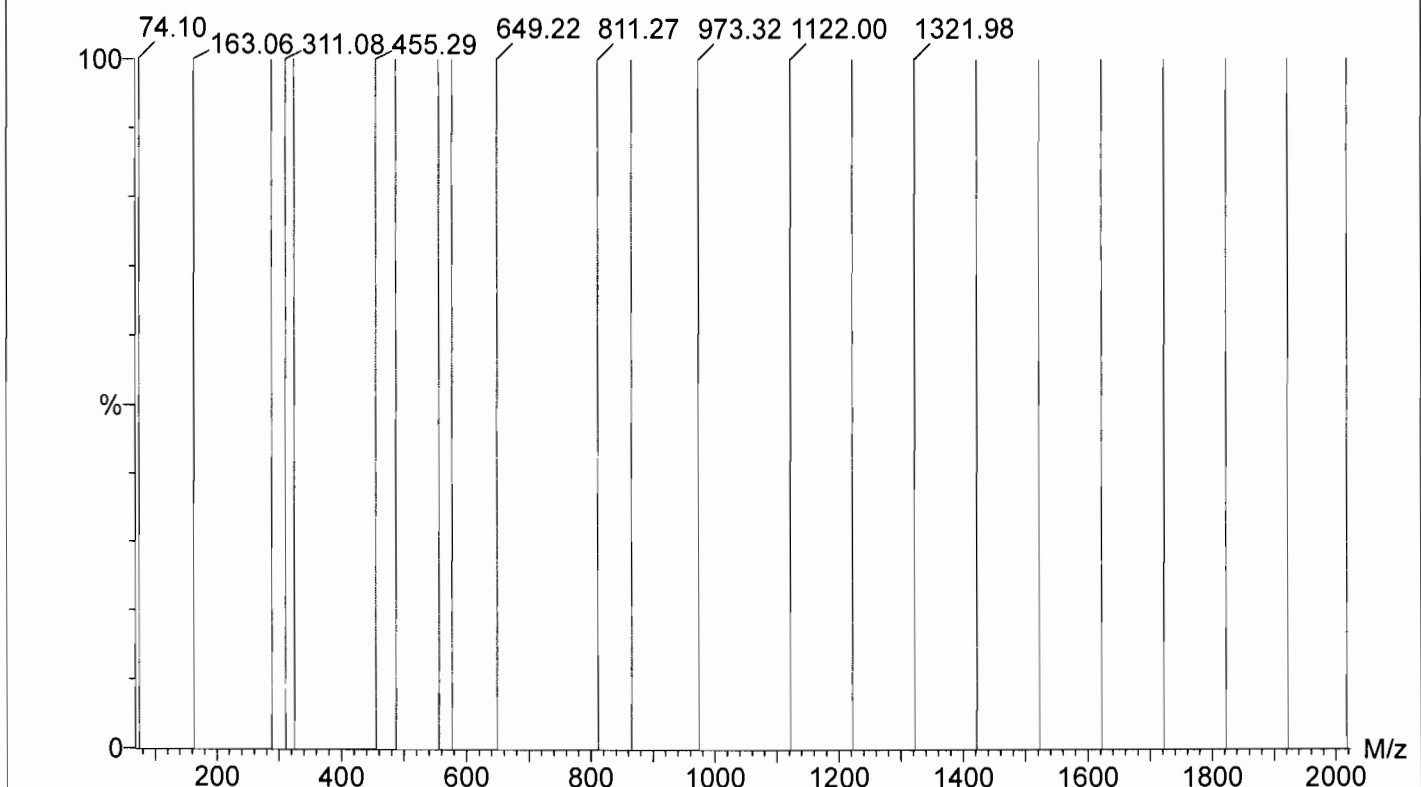
TUNE CHECK Q4 (M) 10-19-18

Printed: Fri Oct 19 09:43:19 2018

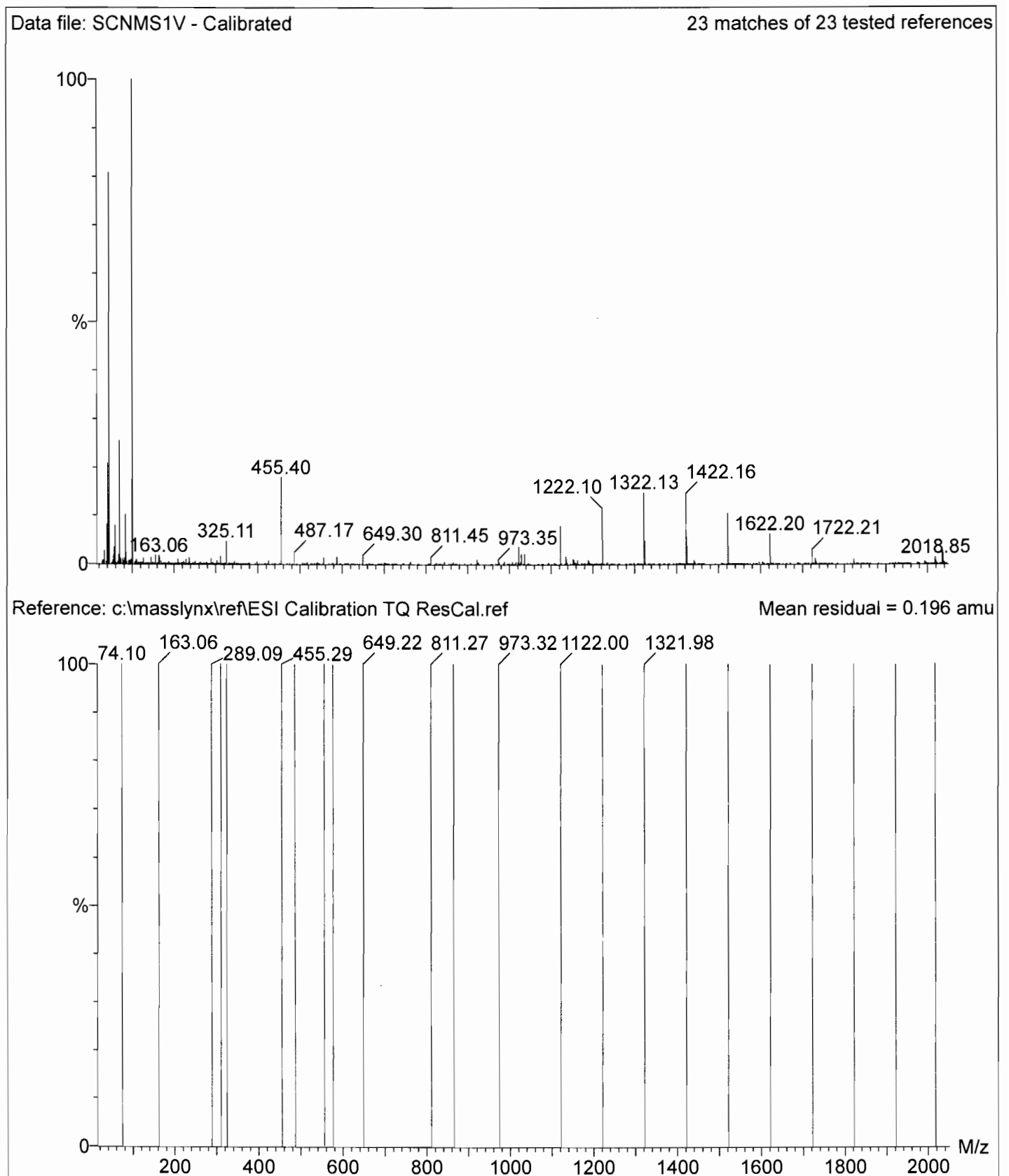


Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.128 amu

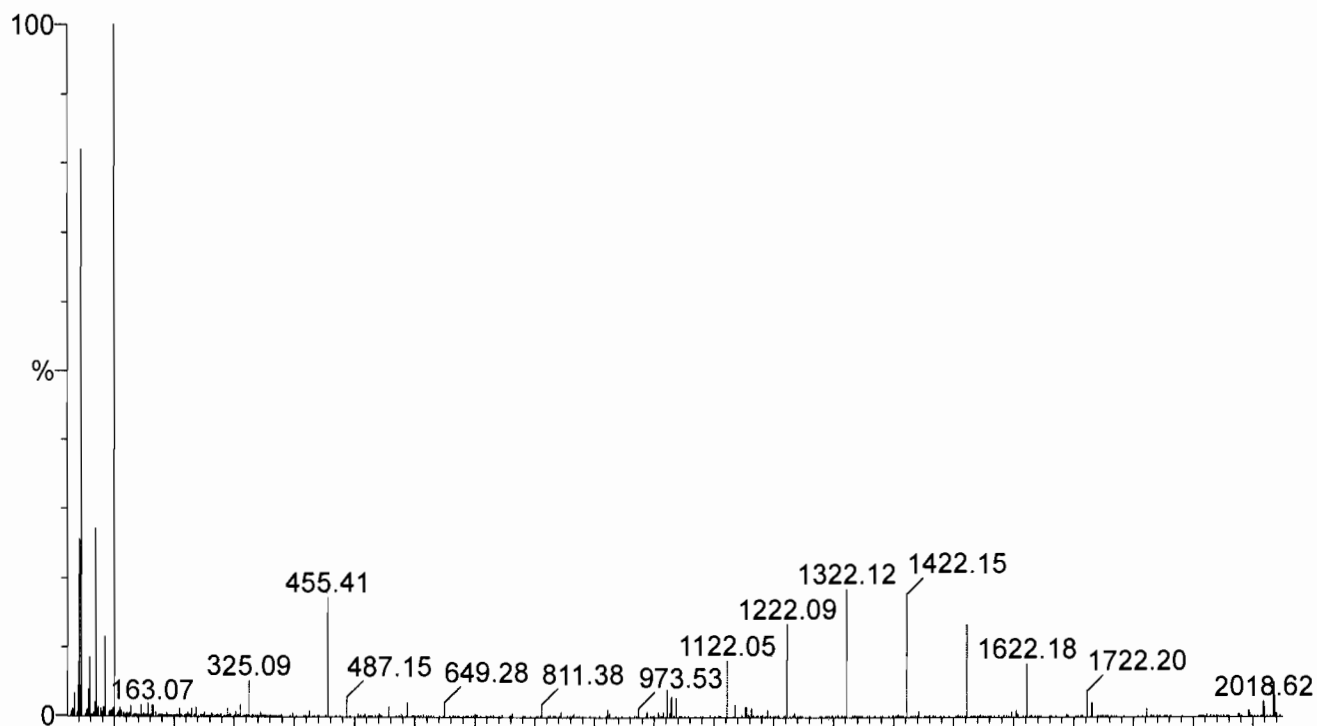


Printed: Fri Oct 19 09:44:27 2018



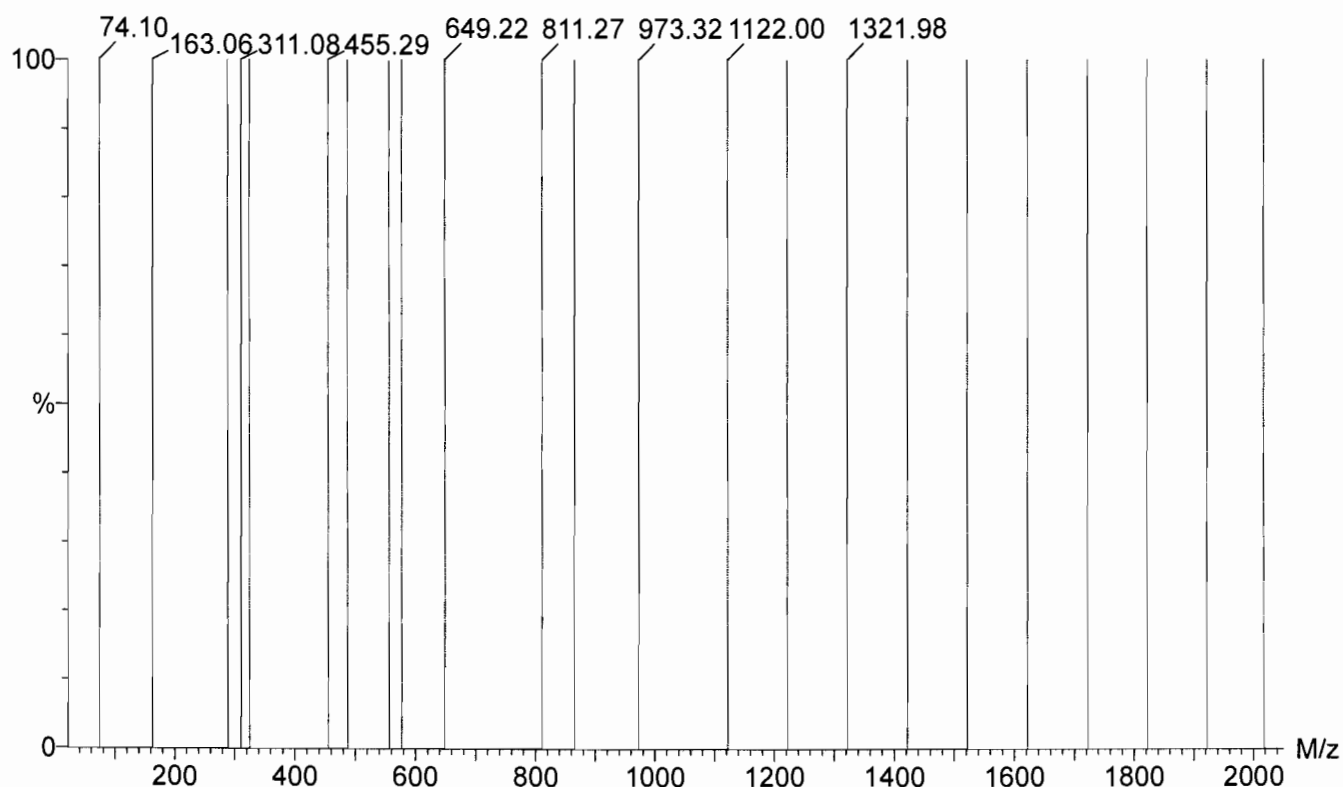
Printed: Fri Oct 19 09:45:39 2018

Data file: FASTMS1V - Calibrated 22 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

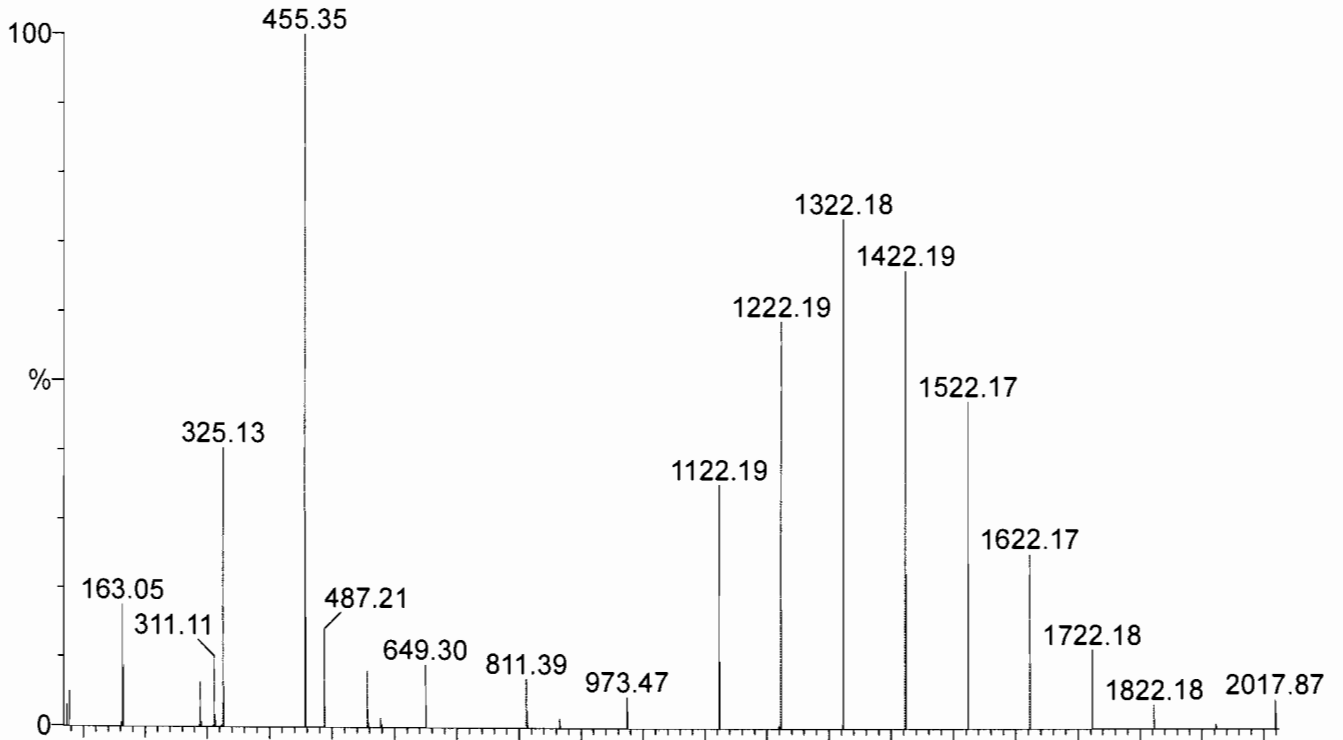
Mean residual = 0.153 amu



Printed: Fri Oct 19 09:46:47 2018

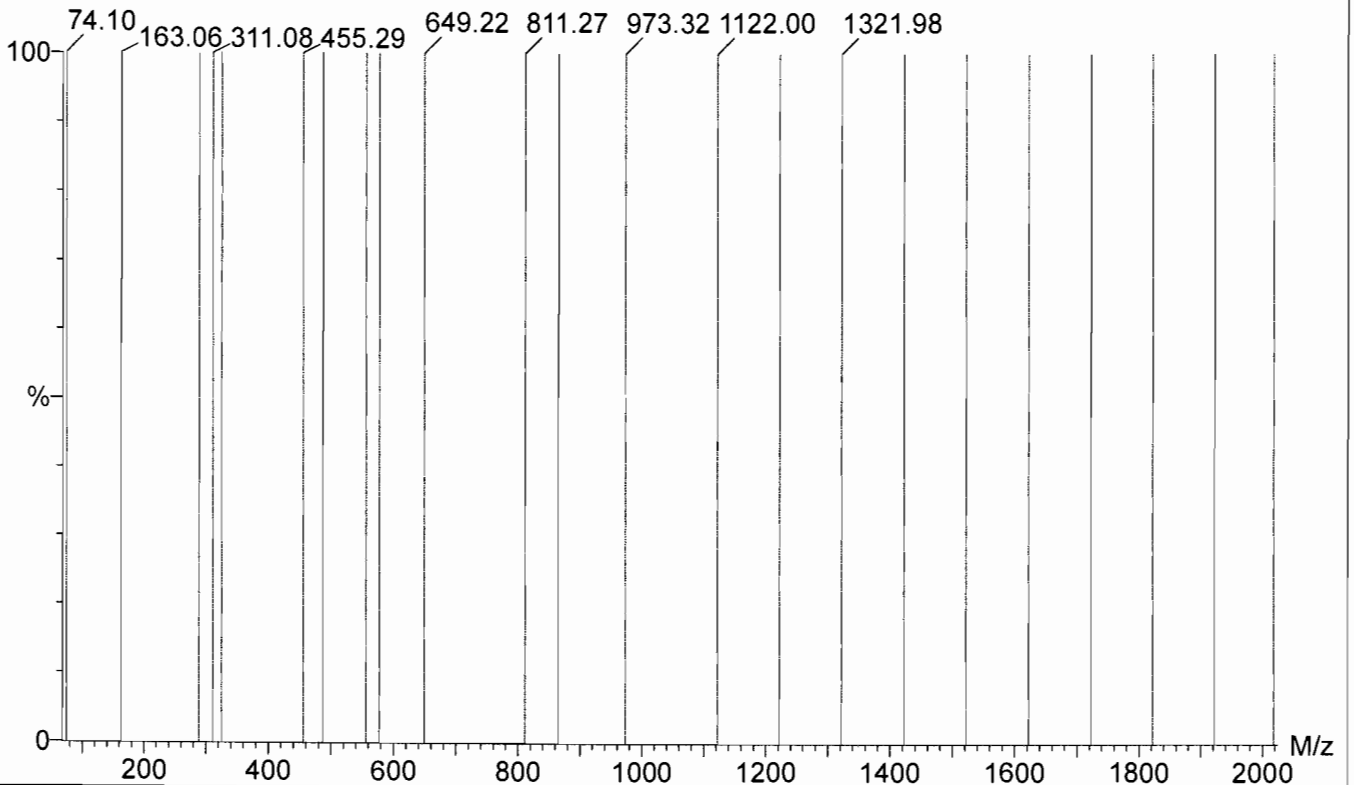
Data file: STATMS2V - Calibrated

22 matches of 23 tested references



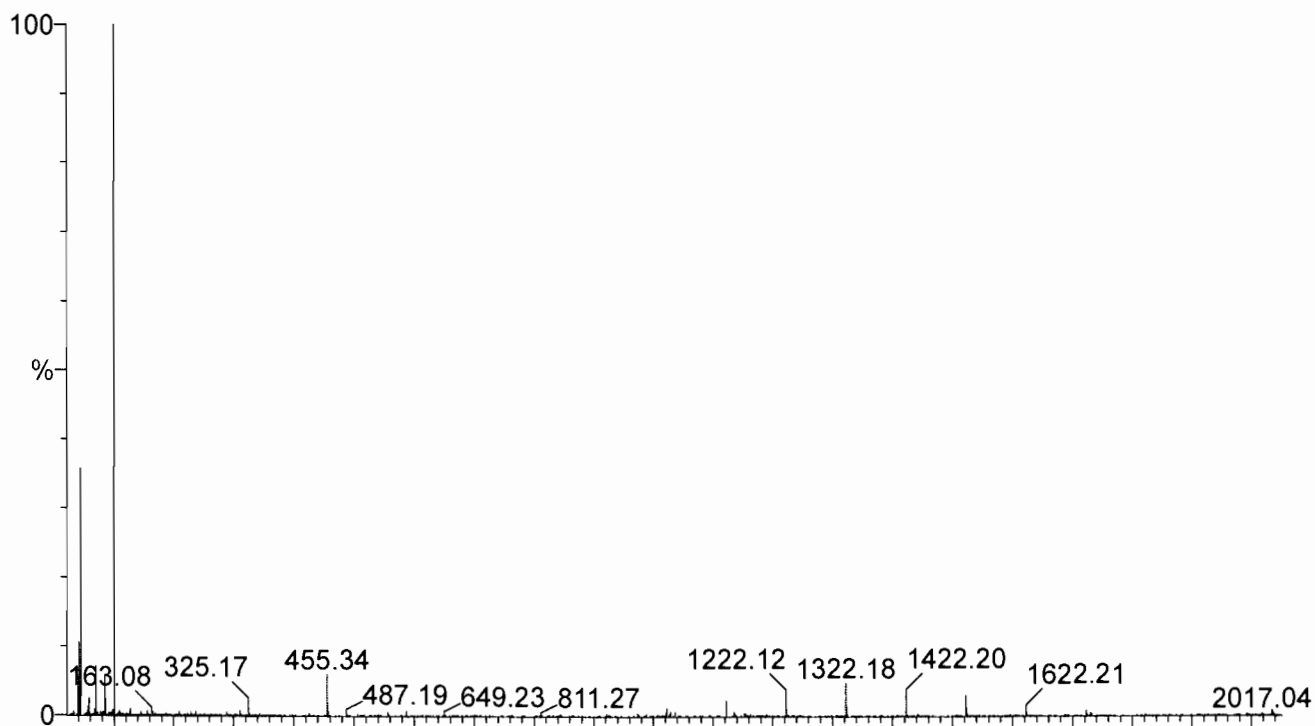
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.131 amu



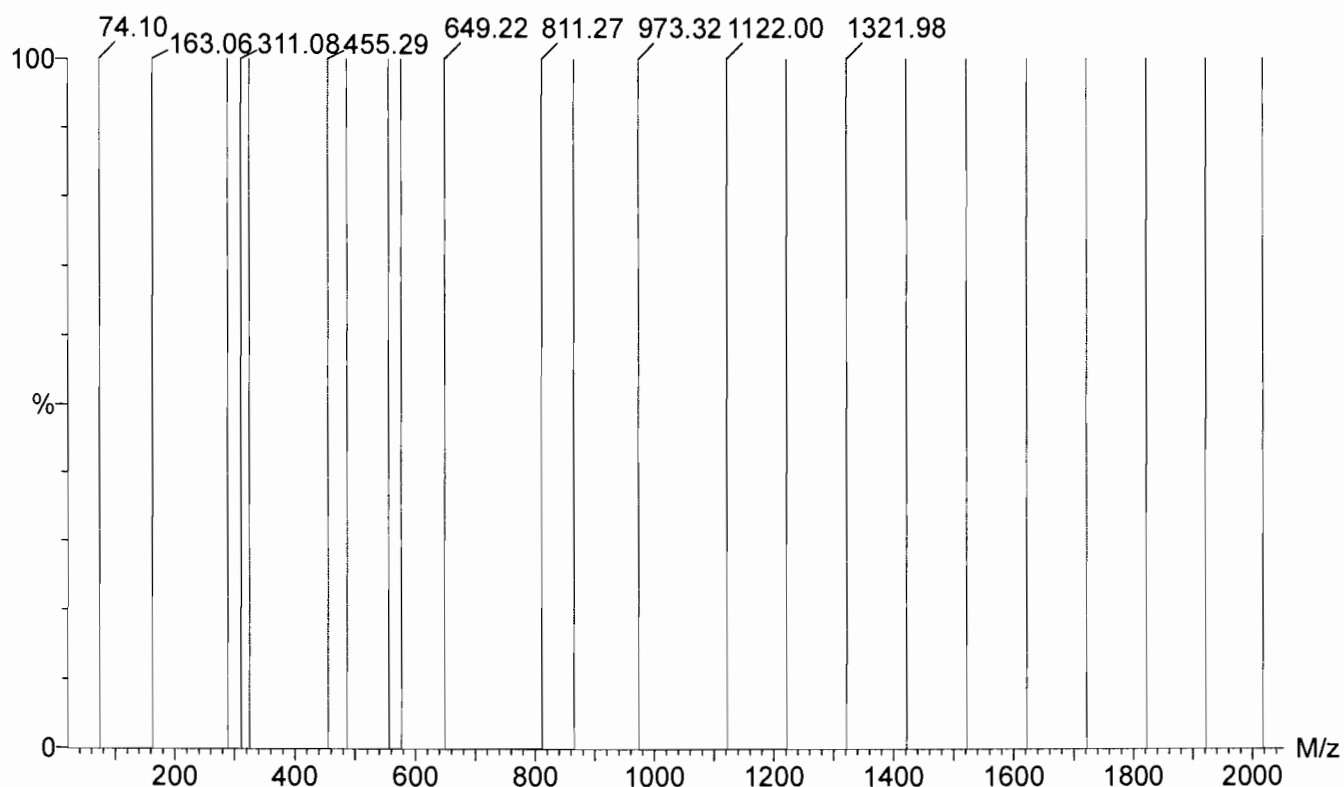
Printed: Fri Oct 19 09:47:56 2018

Data file: SCNMS2V - Calibrated 22 matches of 23 tested references



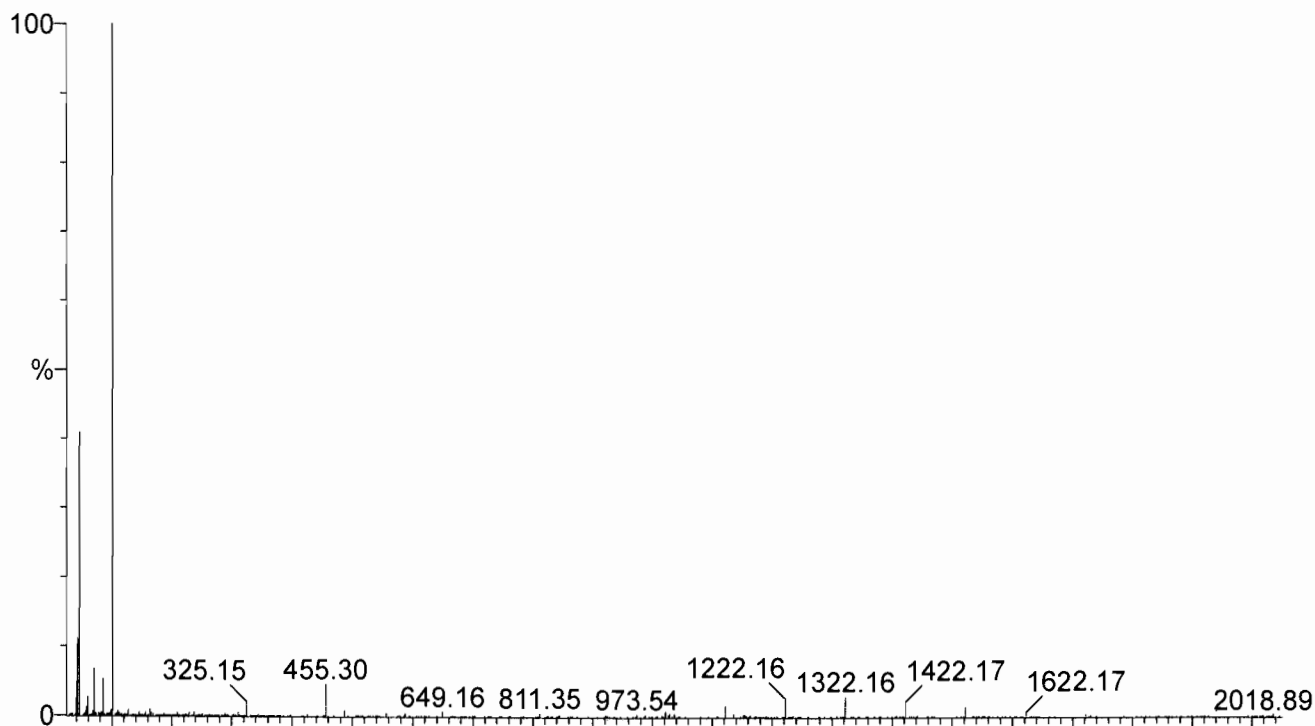
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.115 amu

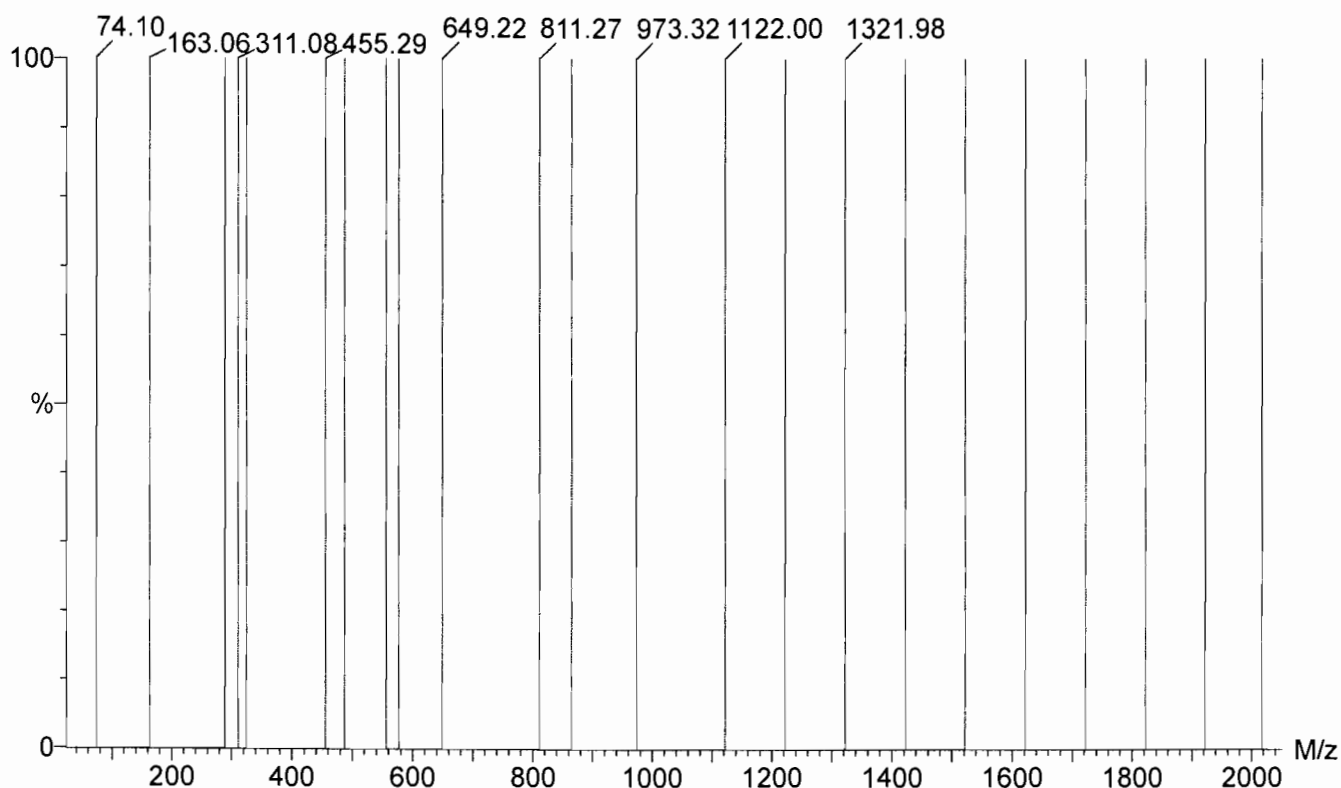


Printed: Fri Oct 19 09:49:21 2018

Data file: FASTMS2V - Calibrated 22 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref Mean residual = 0.194 amu



TUNE CHECK Q4 (M) 10-20-18

Calibration Verification Report - MS1 Static

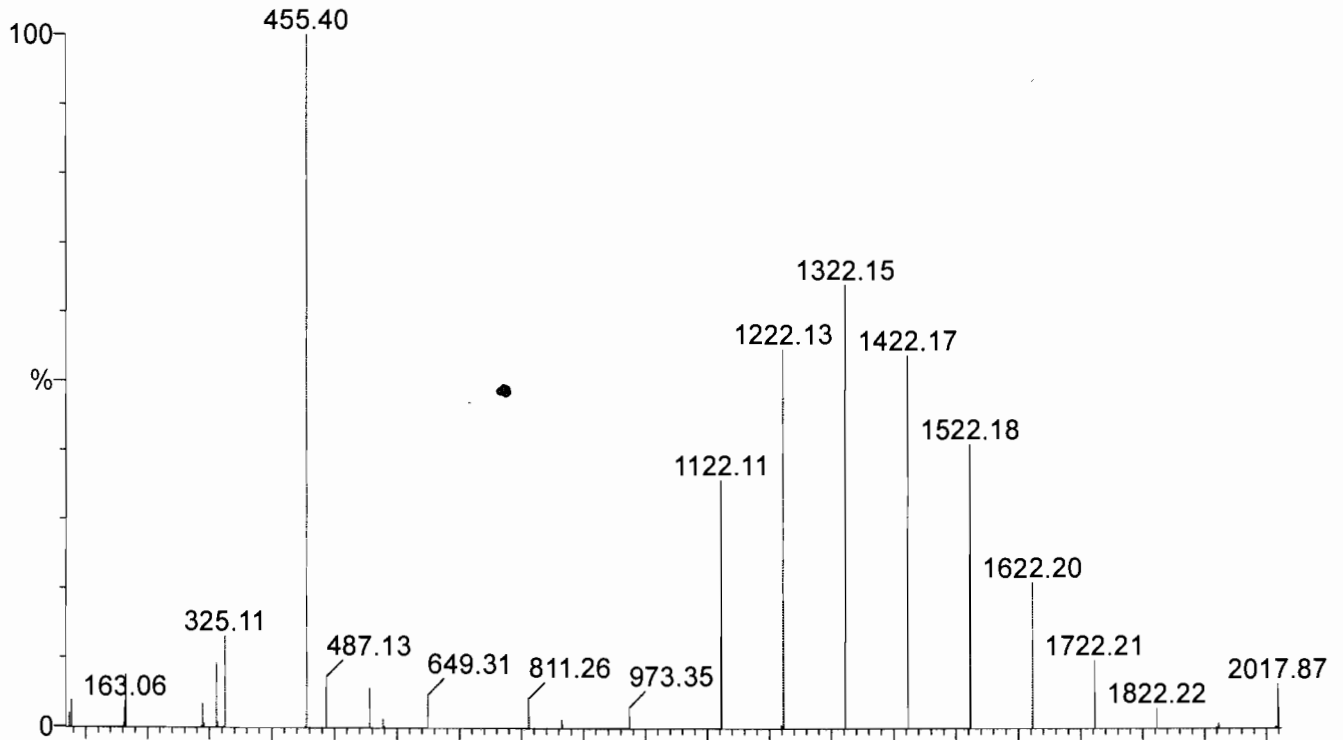
20181017

Page 1 of 6

Printed: Sat Oct 20 11:01:54 2018

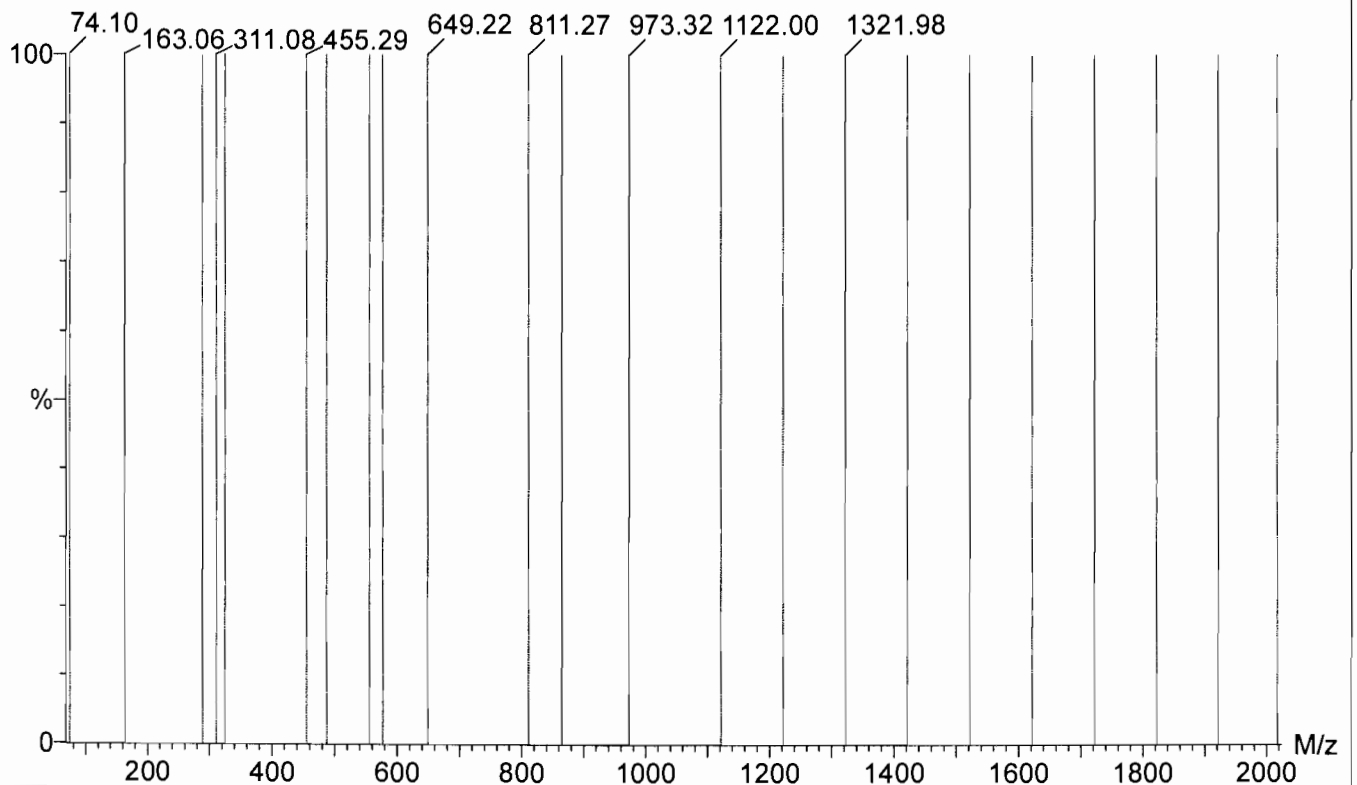
Data file: STATMS1V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

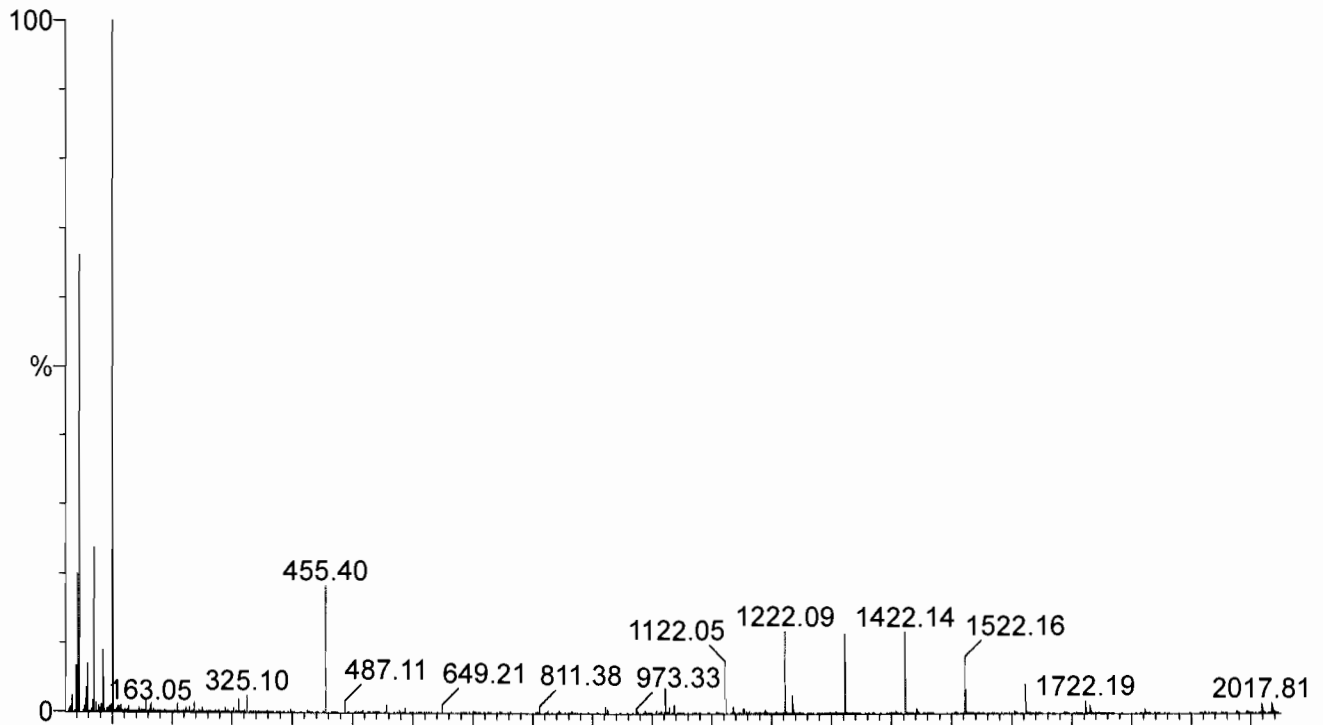
Mean residual = 0.113 amu



Printed: Sat Oct 20 11:03:03 2018

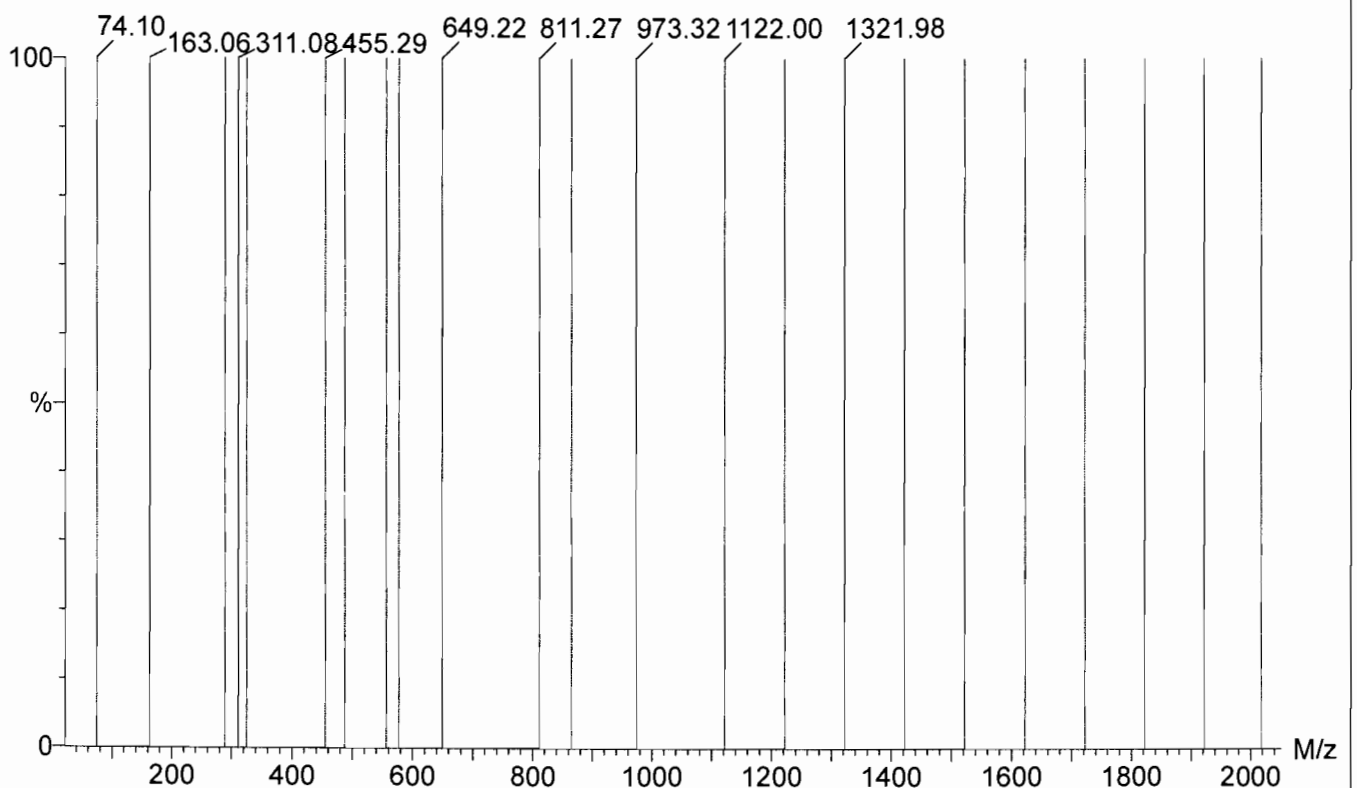
Data file: SCNMS1V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

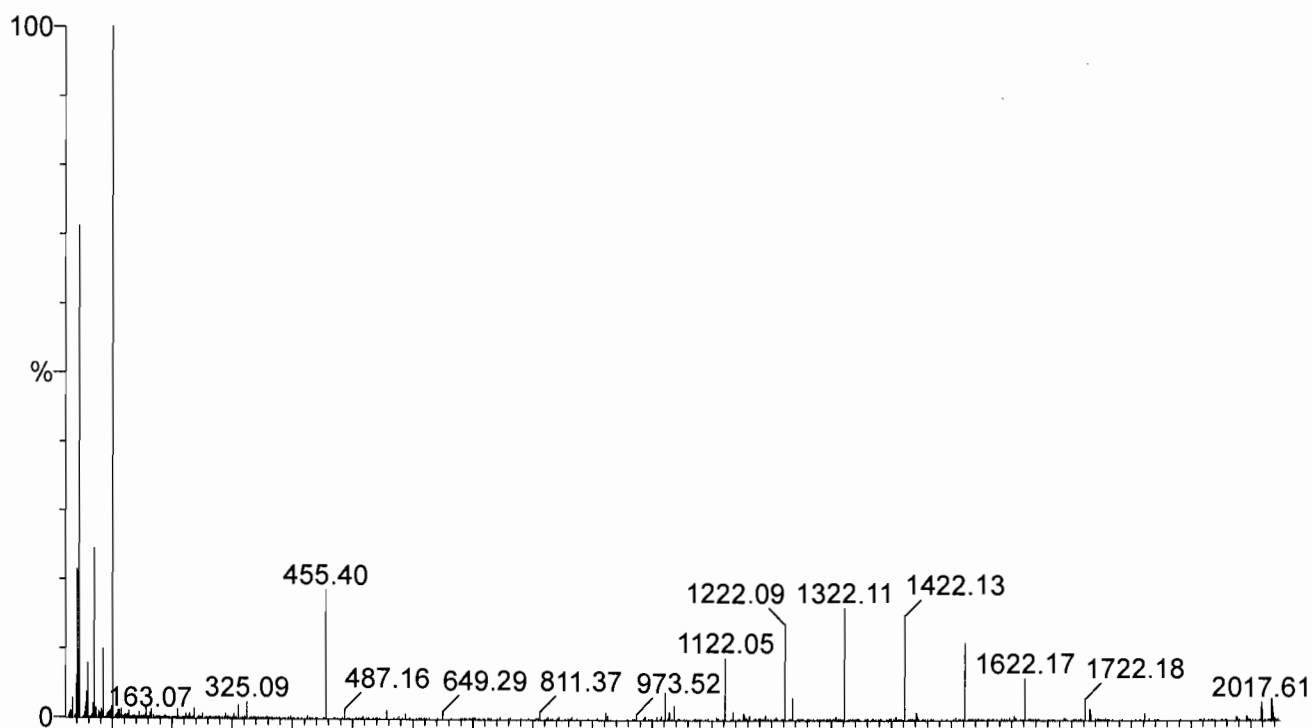
Mean residual = 0.101 amu



Printed: Sat Oct 20 11:04:14 2018

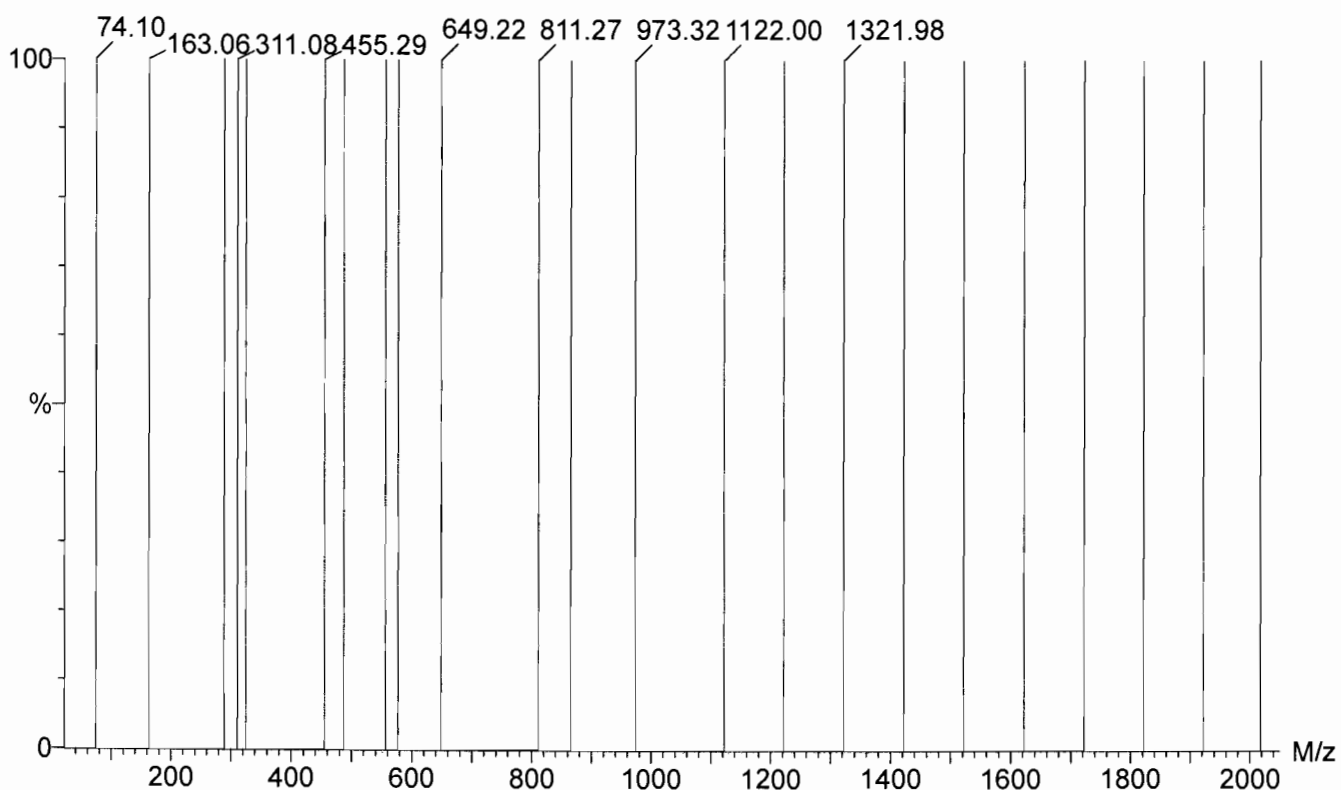
Data file: FASTMS1V - Calibrated

22 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

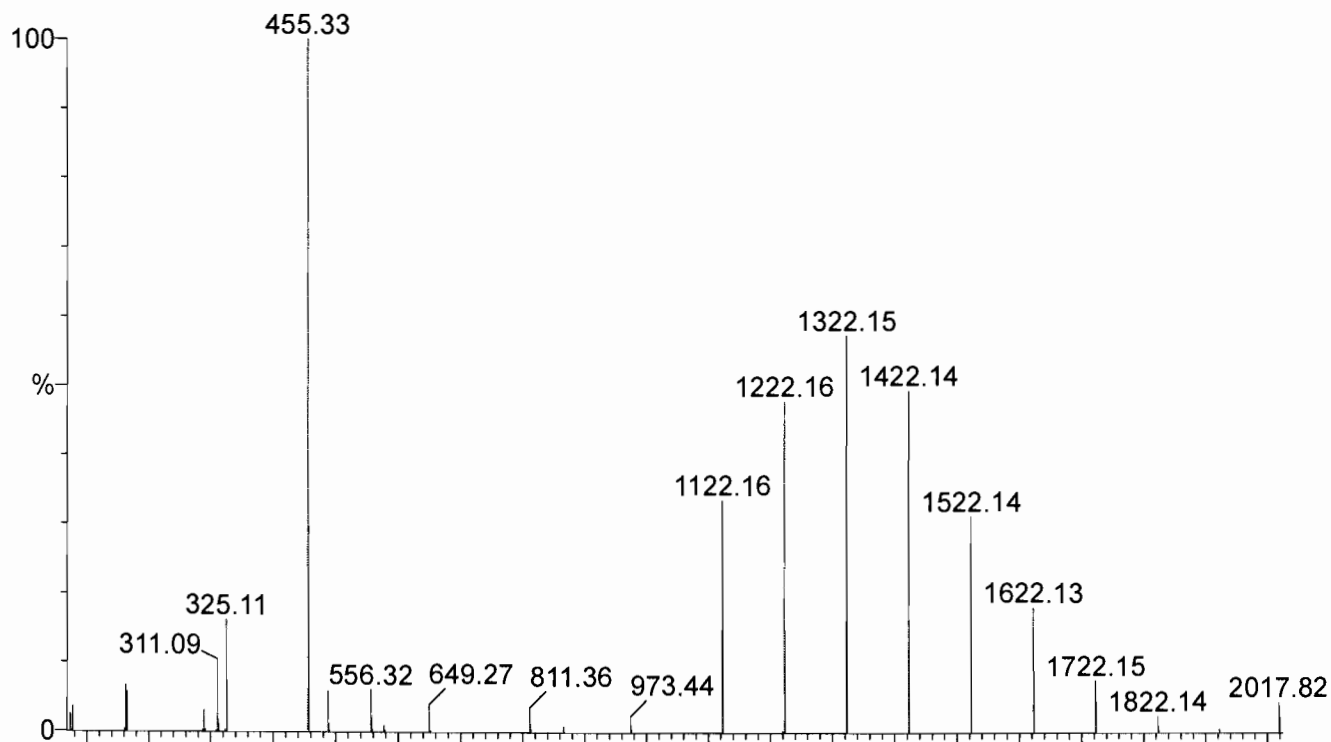
Mean residual = 0.103 amu



Printed: Sat Oct 20 11:05:22 2018

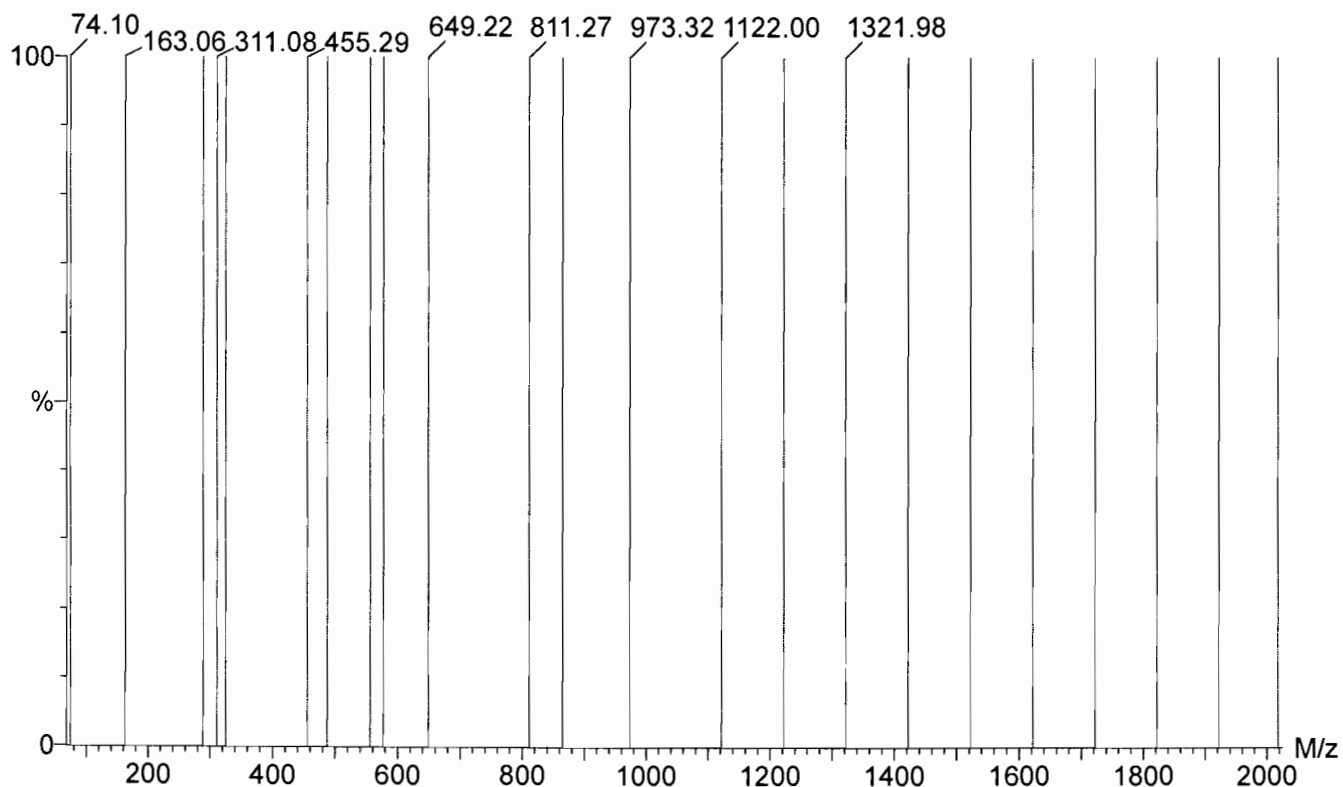
Data file: STATMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

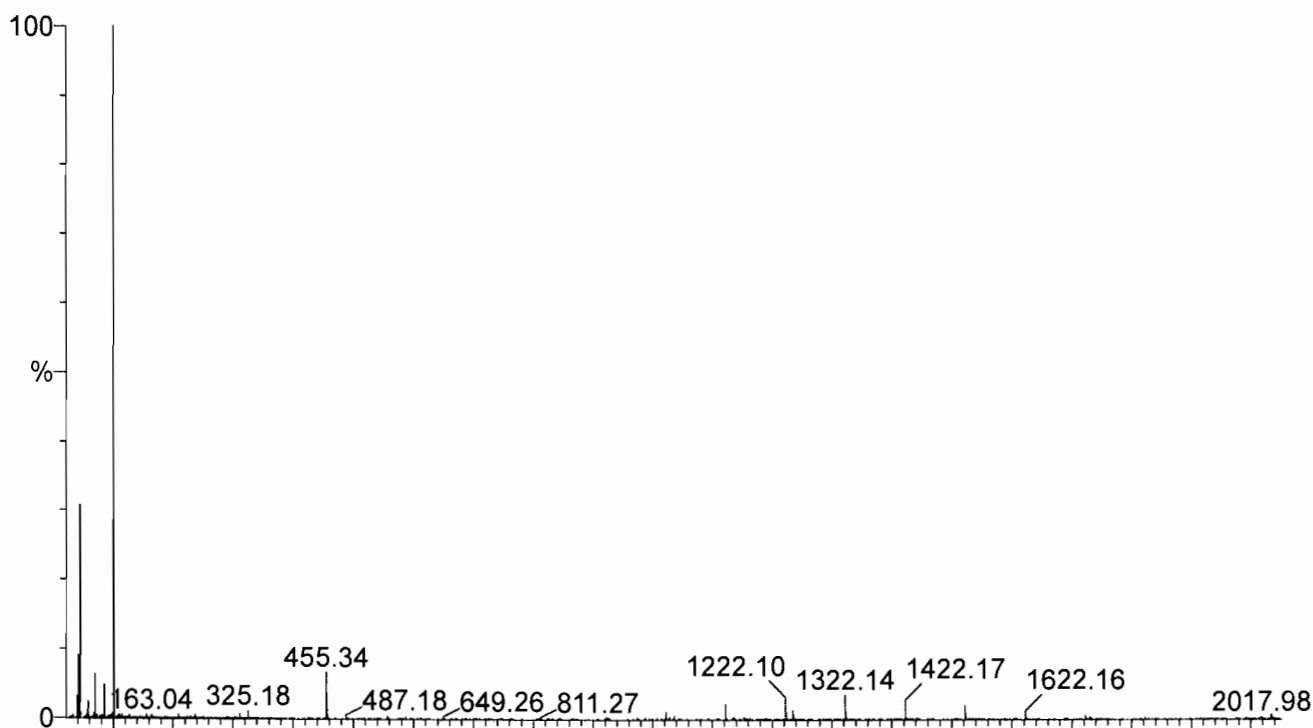
Mean residual = 0.104 amu



Printed: Sat Oct 20 11:06:31 2018

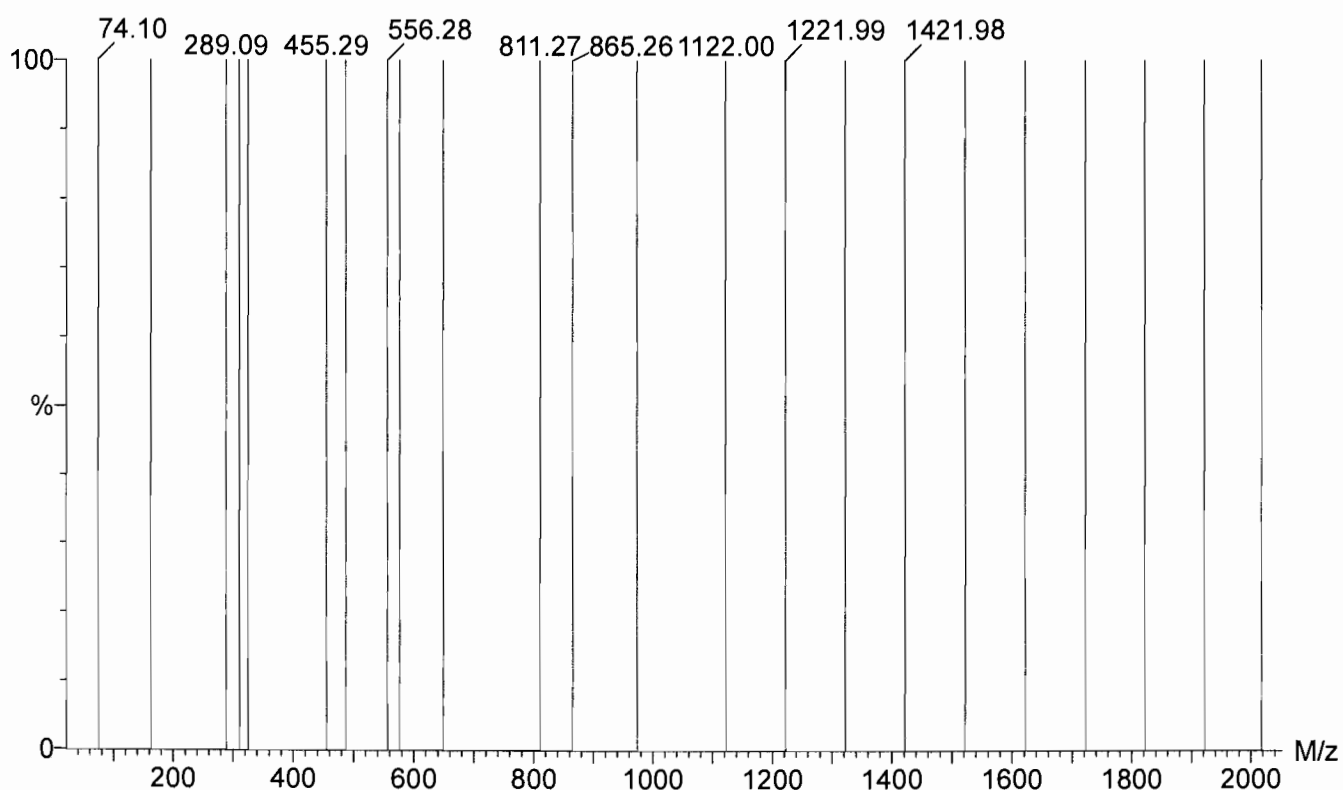
Data file: SCNMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

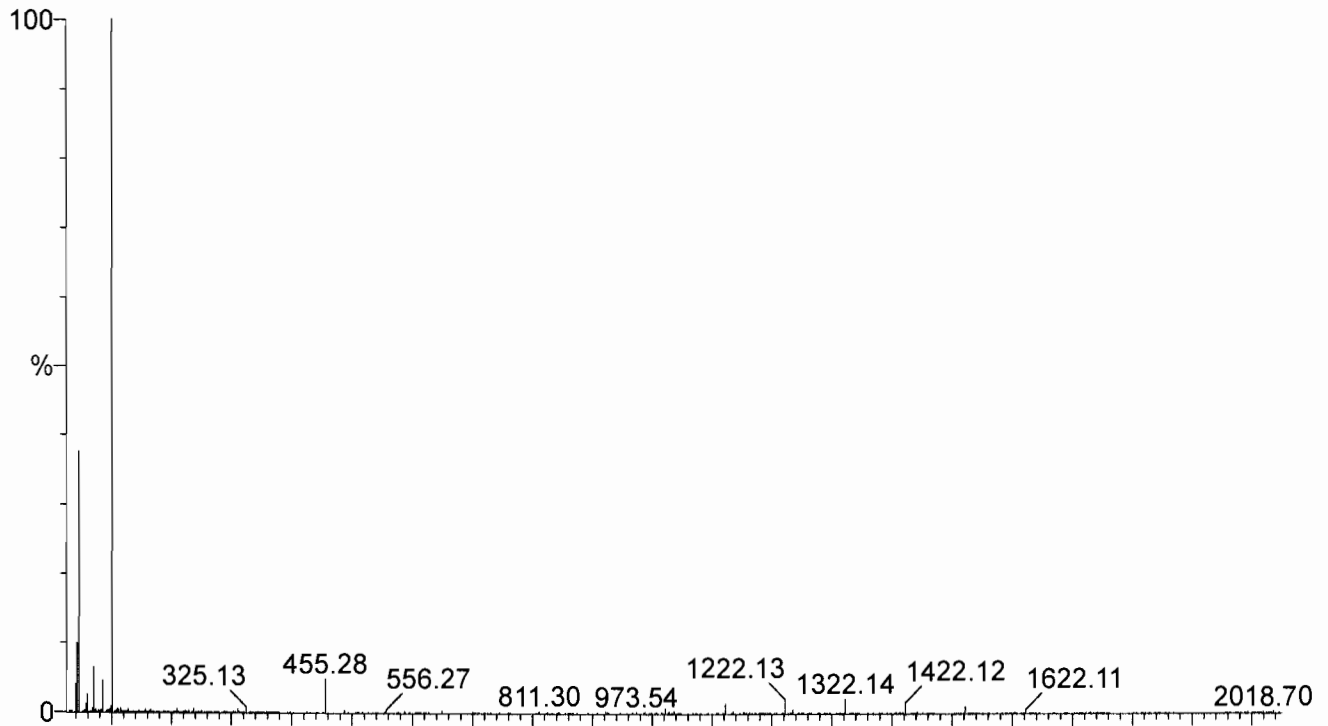
Mean residual = 0.0953 amu



Printed: Sat Oct 20 11:07:56 2018

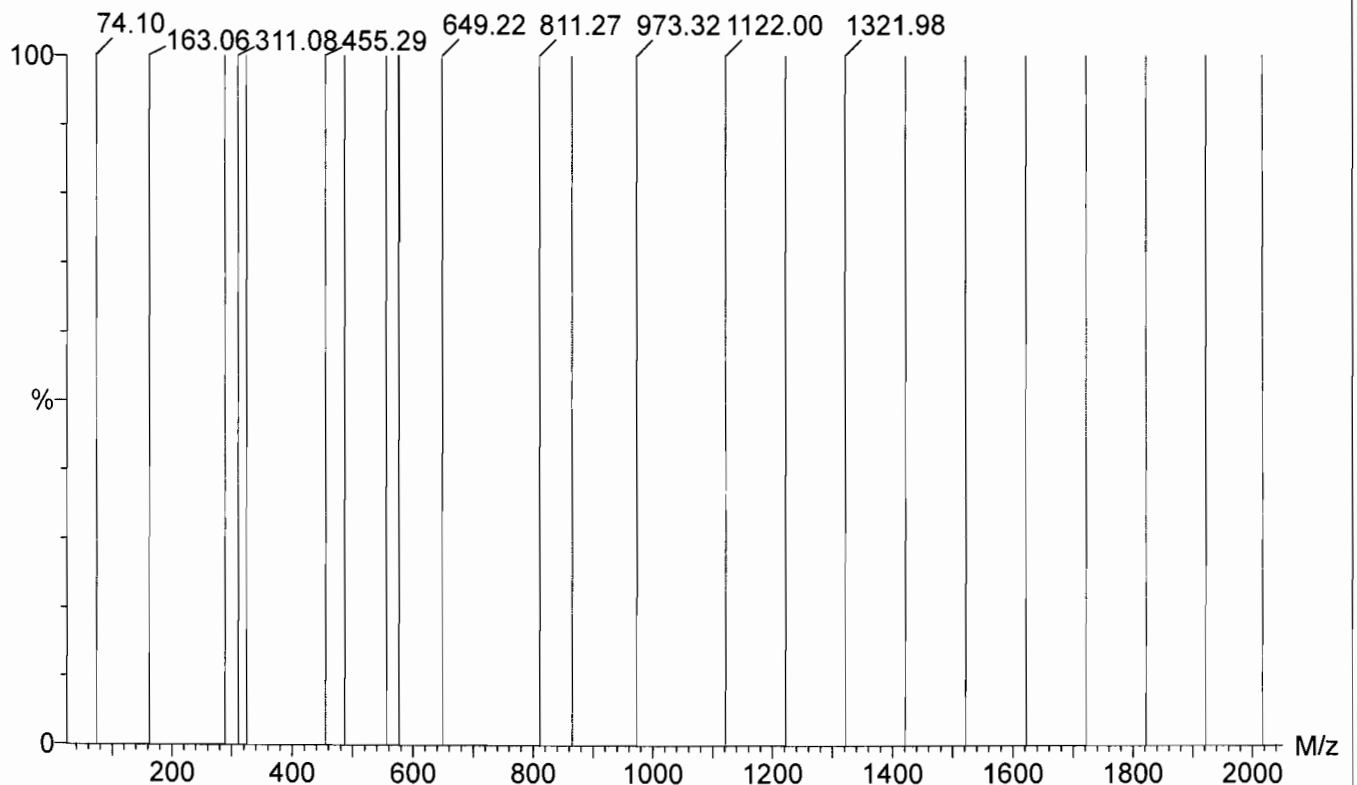
Data file: FASTMS2V - Calibrated

21 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.156 amu



Tmecheck Q4(m) 10-26-18

Calibration Report - MS1 Static

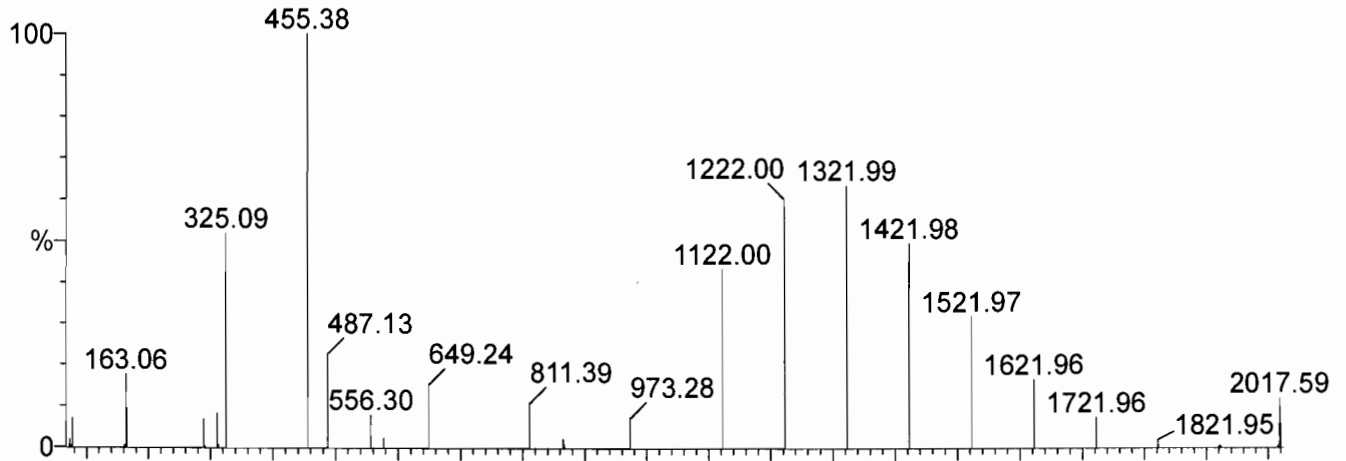
20181026

Page 1 of 6

Printed: Fri Oct 26 08:28:18 2018

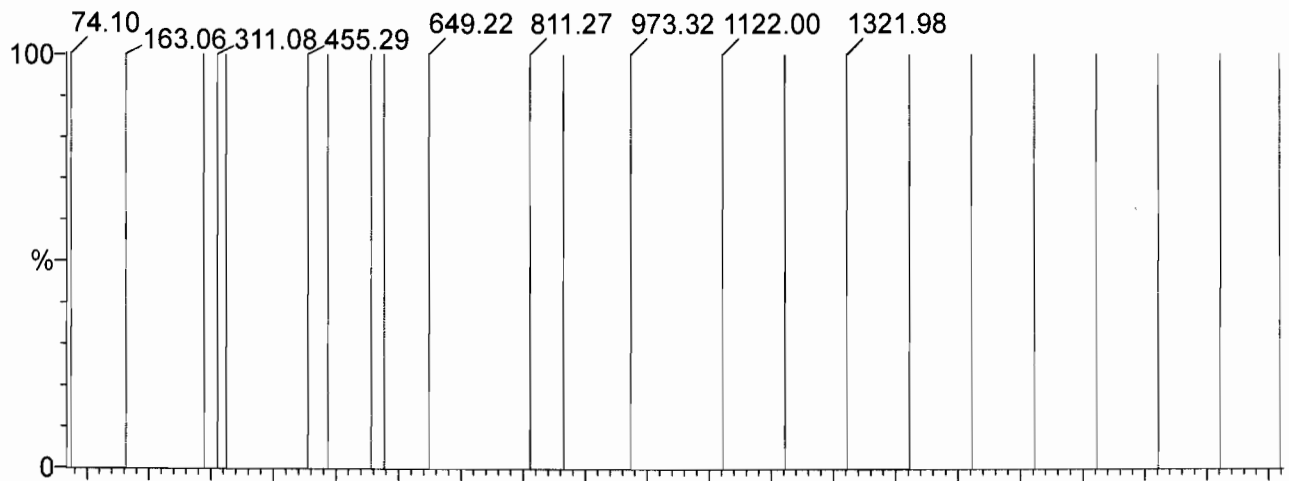
Data file: STATMS1 - Calibrated

23 matches of 23 tested references



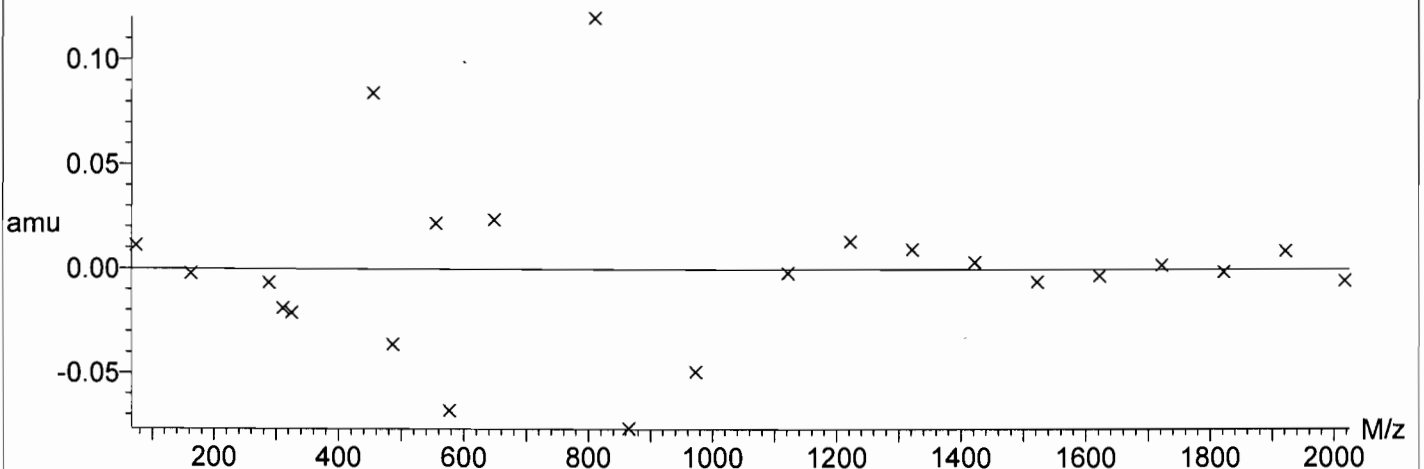
Reference: c:\masslynx\refESI Calibration TQ ResCal.ref

Mean residual = 0.0258 amu

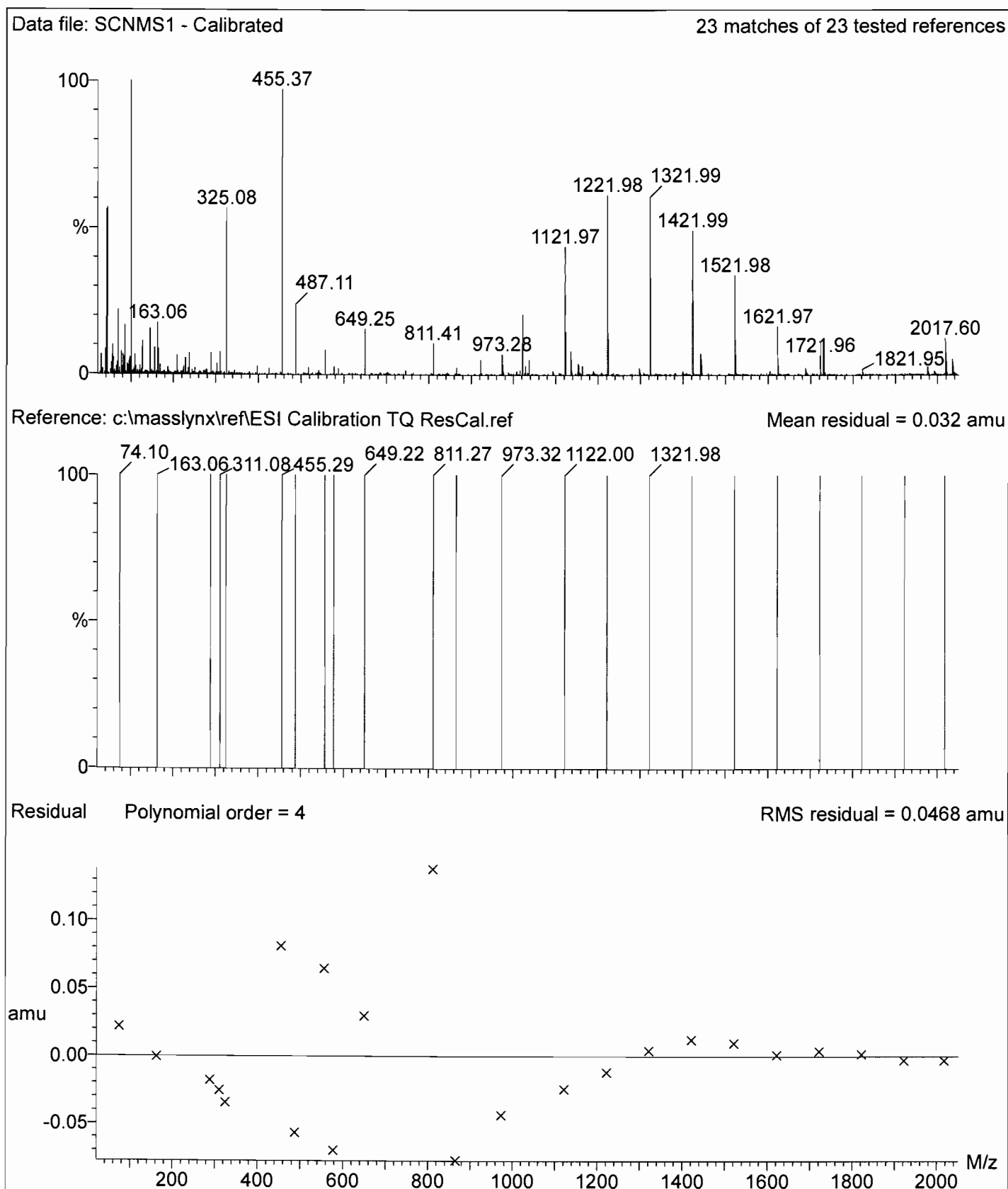


Residual Polynomial order = 4

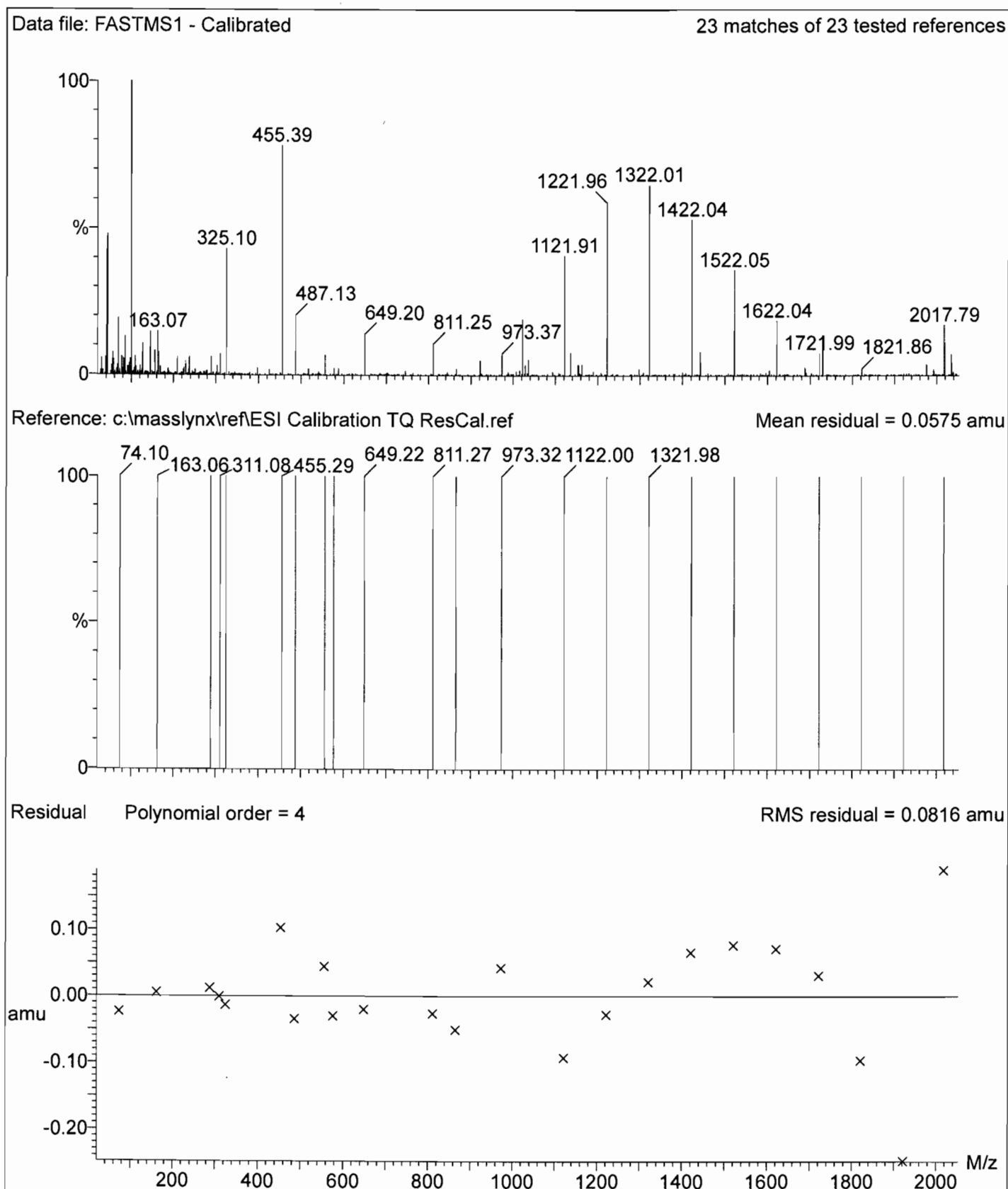
RMS residual = 0.0407 amu



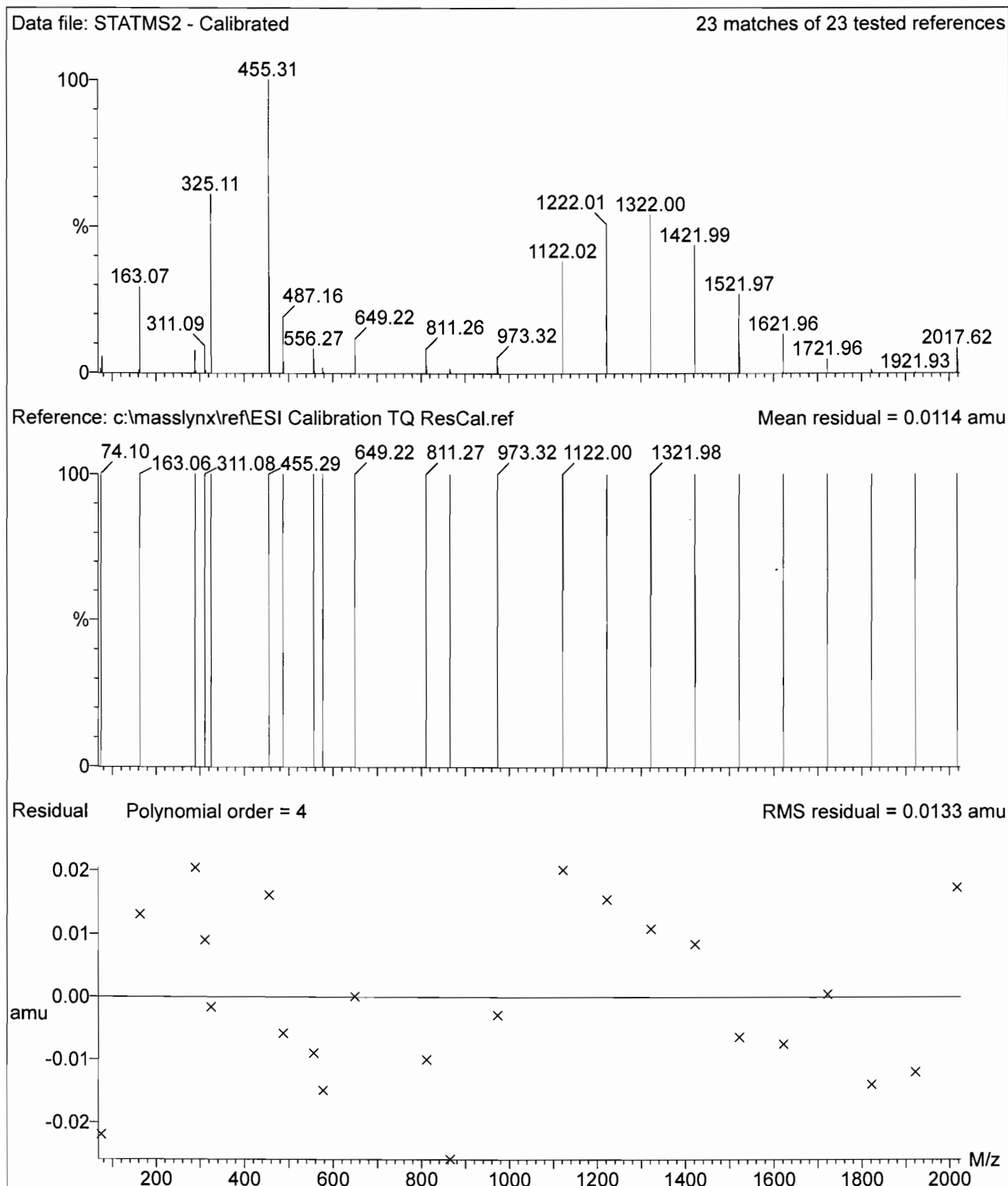
Printed: Fri Oct 26 08:29:27 2018



Printed: Fri Oct 26 08:30:38 2018



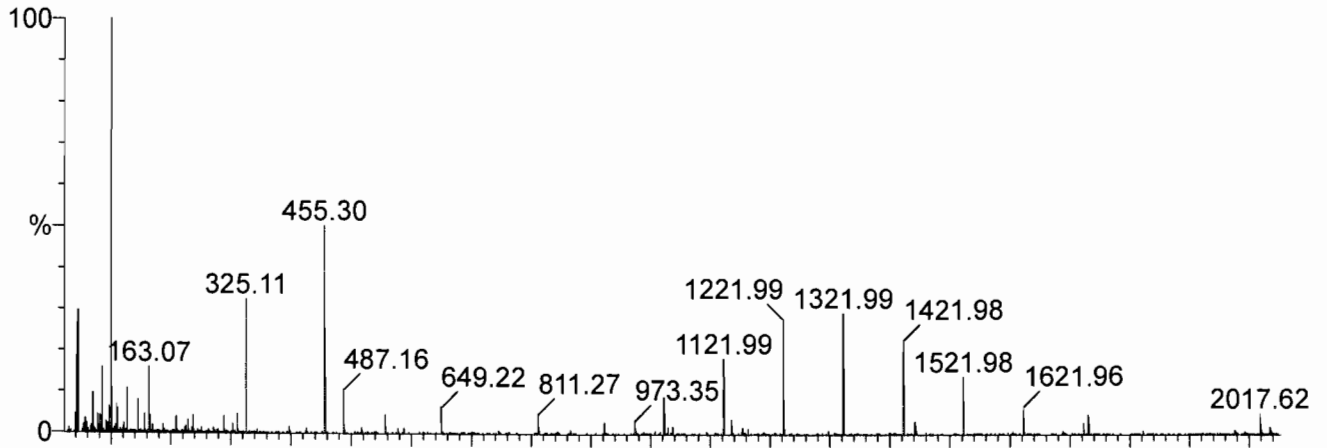
Printed: Fri Oct 26 08:31:47 2018



Printed: Fri Oct 26 08:32:55 2018

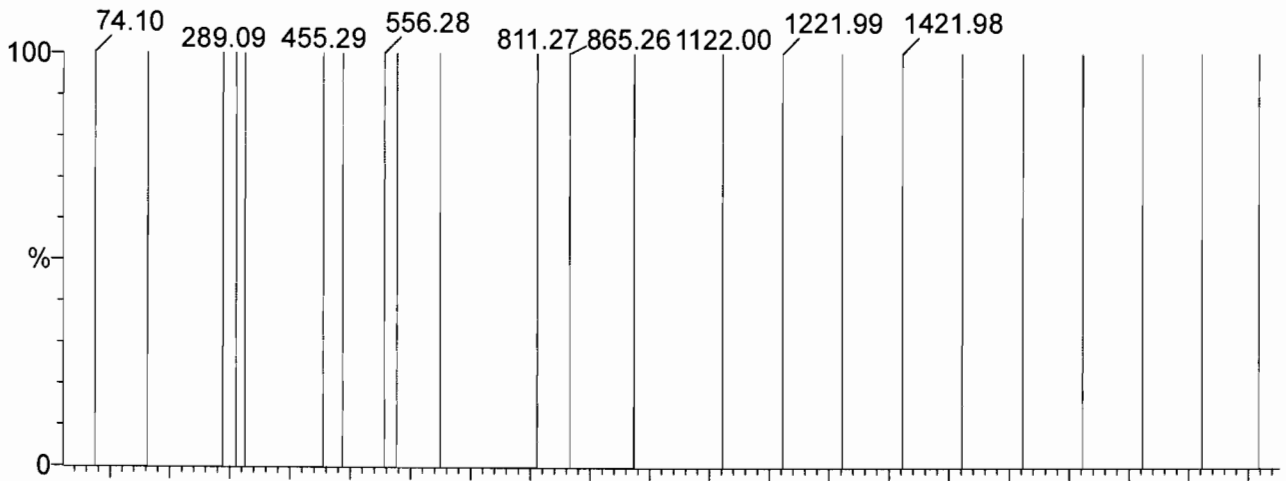
Data file: SCNMS2 - Calibrated

23 matches of 23 tested references



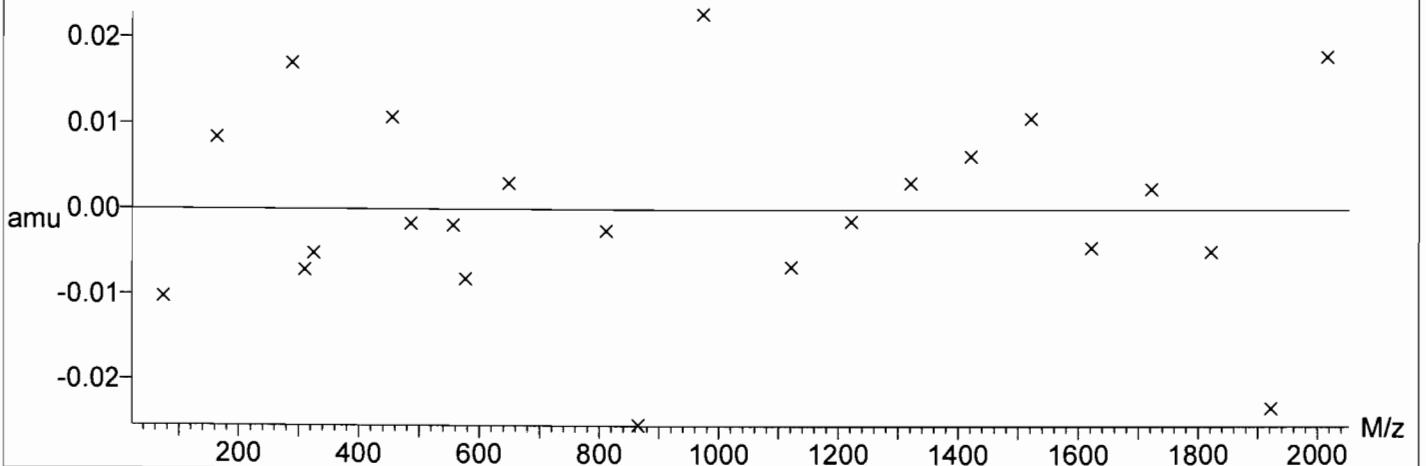
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.00889 amu



Residual Polynomial order = 4

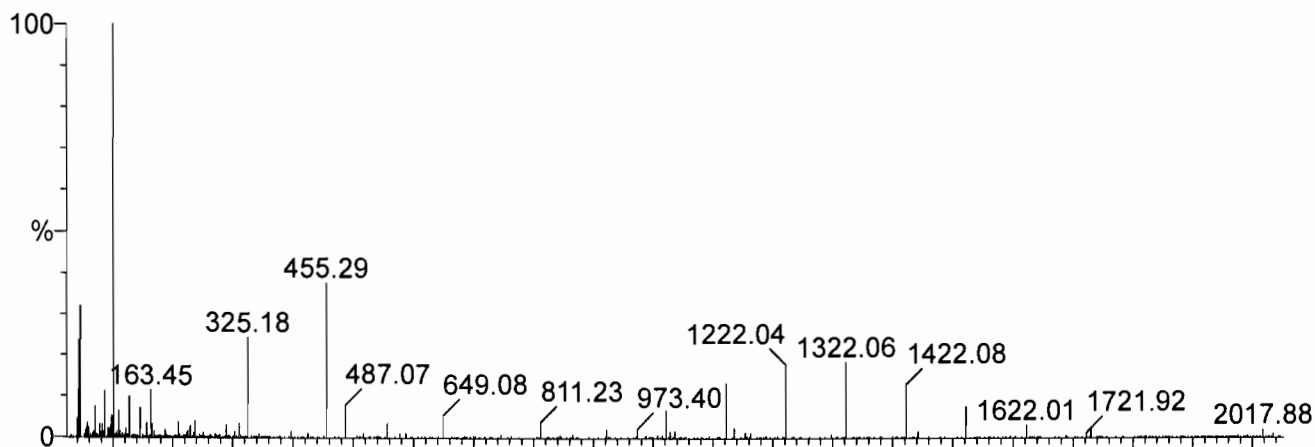
RMS residual = 0.0115 amu



Printed: Fri Oct 26 08:34:20 2018

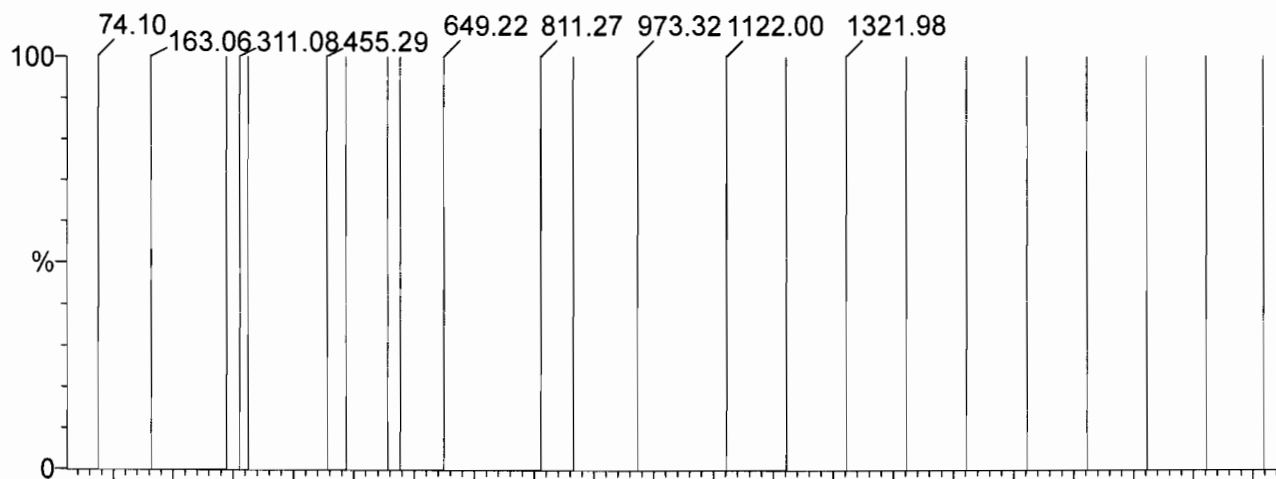
Data file: FASTMS2 - Calibrated

23 matches of 23 tested references



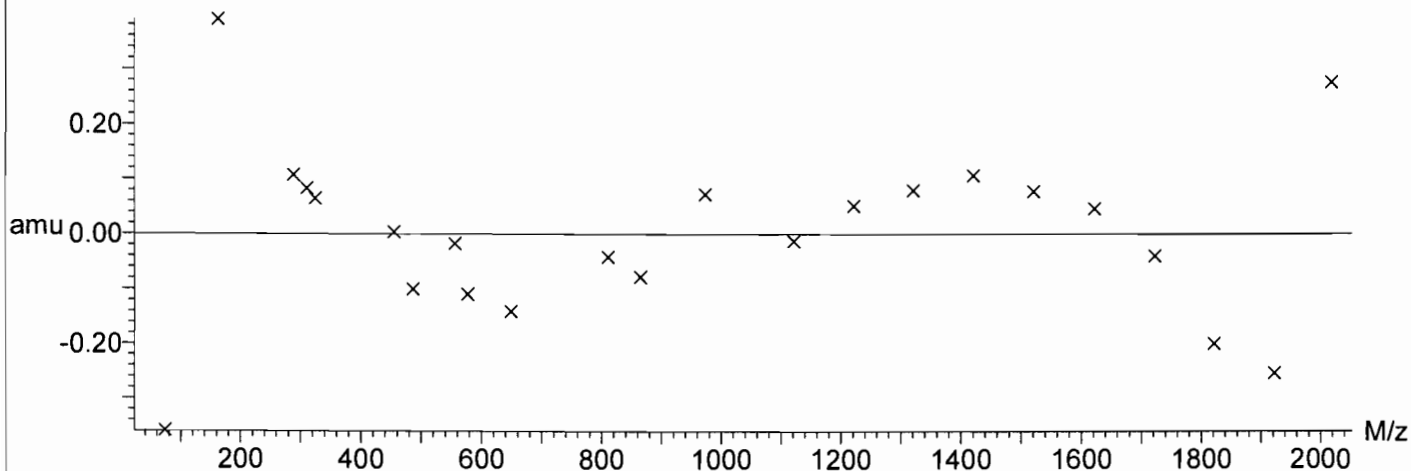
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.118 amu



Residual Polynomial order = 4

RMS residual = 0.157 amu



Q4

Tune check 10-28-18

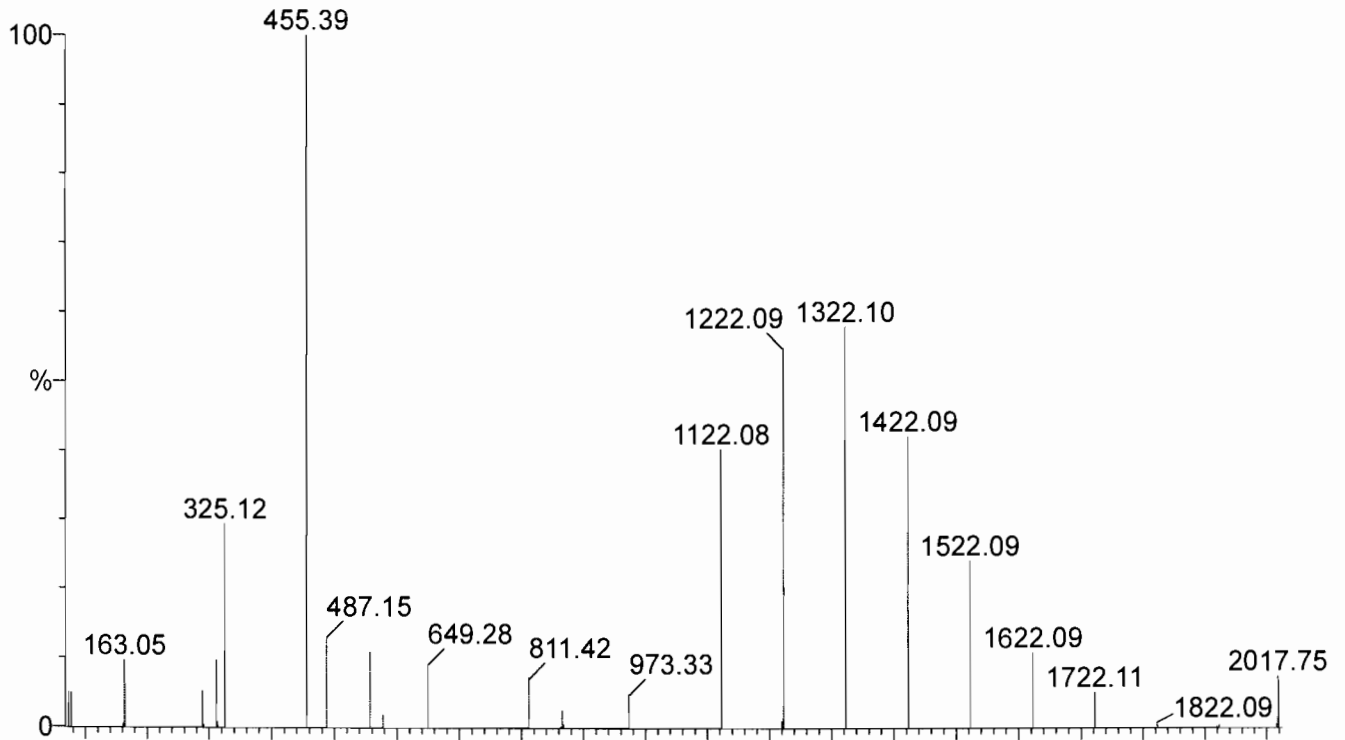
Calibration Verification Report - MS1 Static

20181027-4

Printed: Sun Oct 28 08:02:34 2018

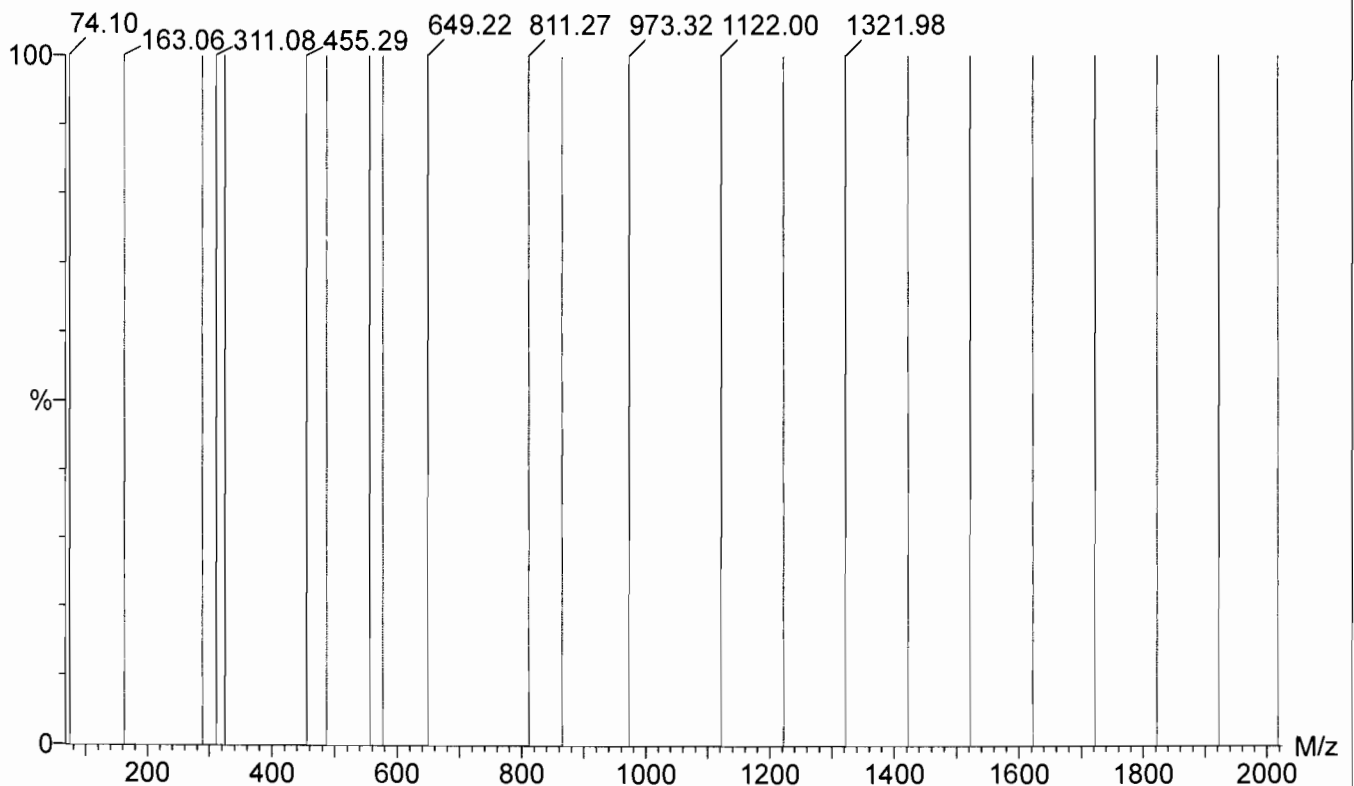
Data file: STATMS1V - Calibrated

21 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

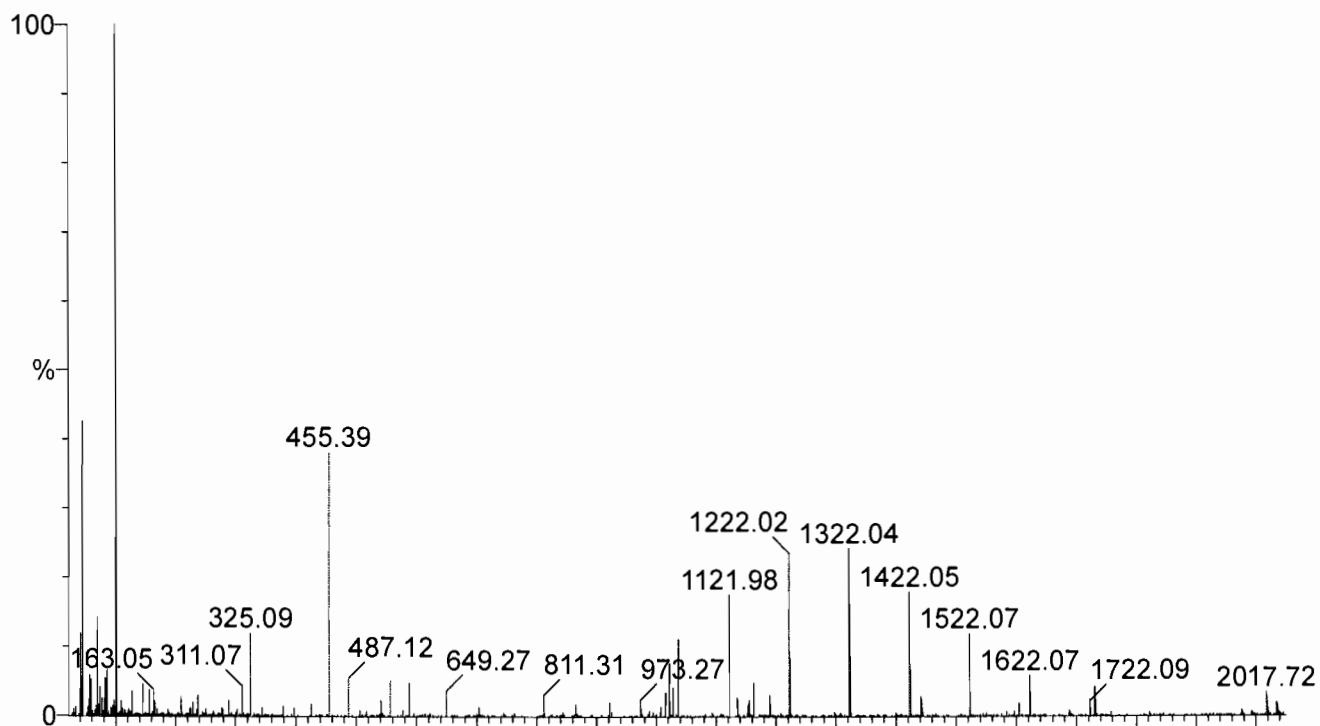
Mean residual = 0.0786 amu



Printed: Sun Oct 28 08:03:43 2018

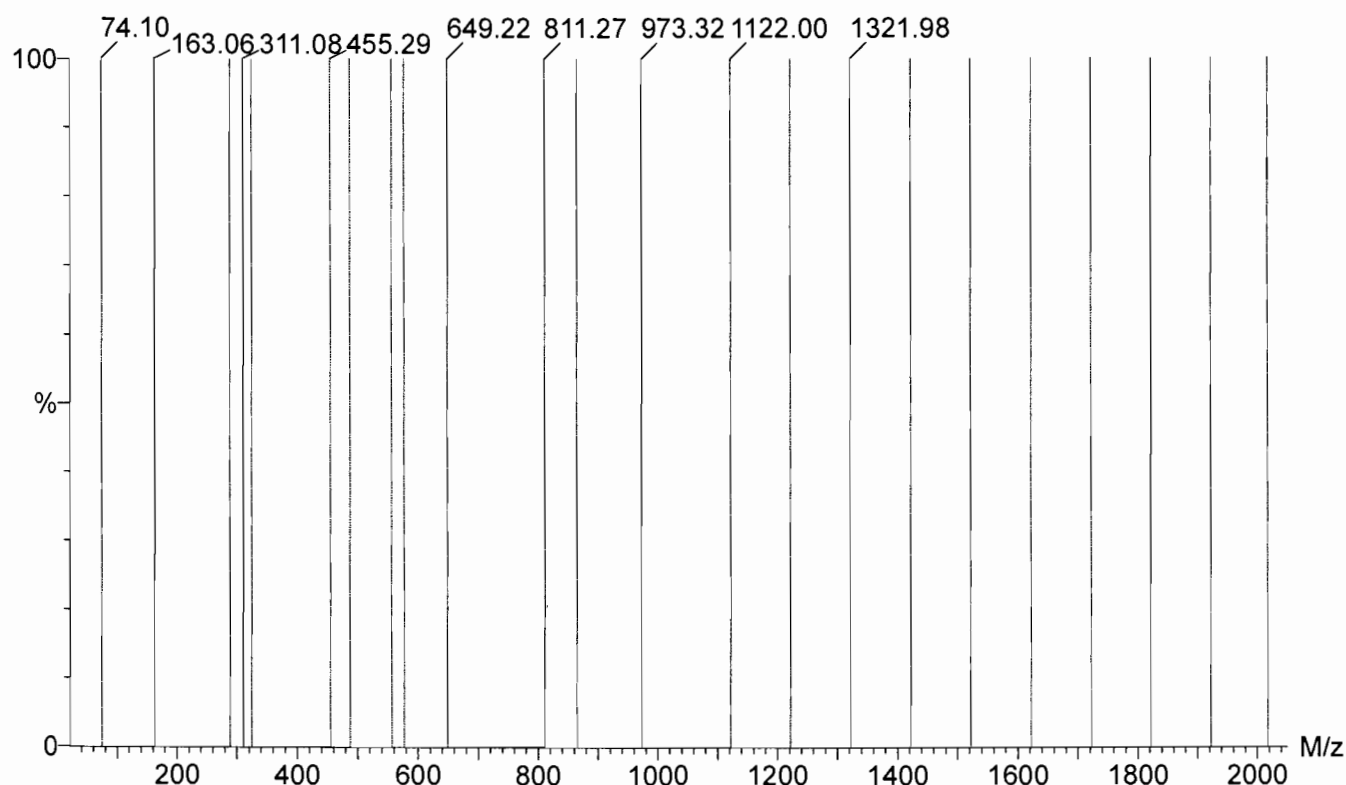
Data file: SCNMS1V - Calibrated

23 matches of 23 tested references

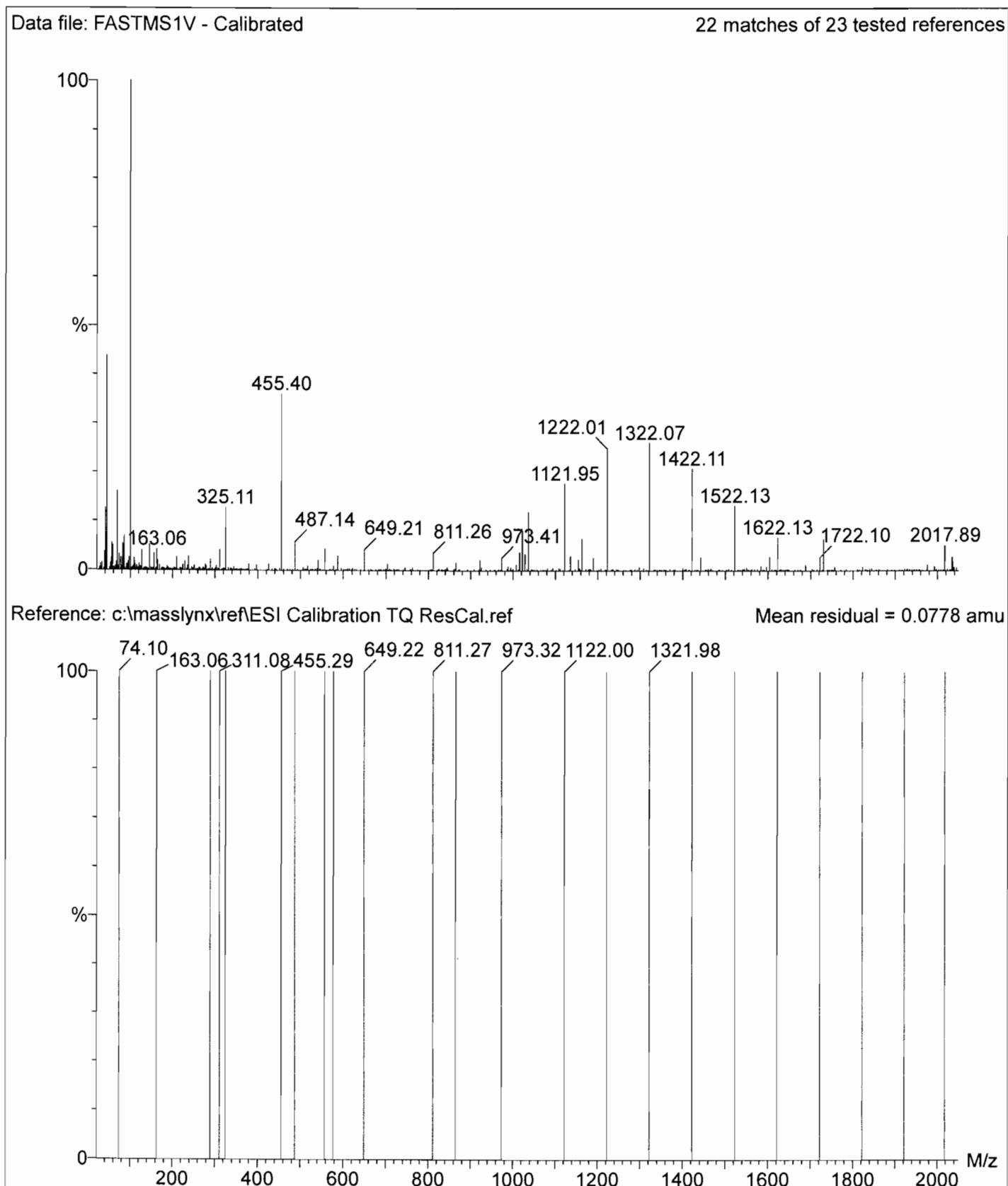


Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0636 amu

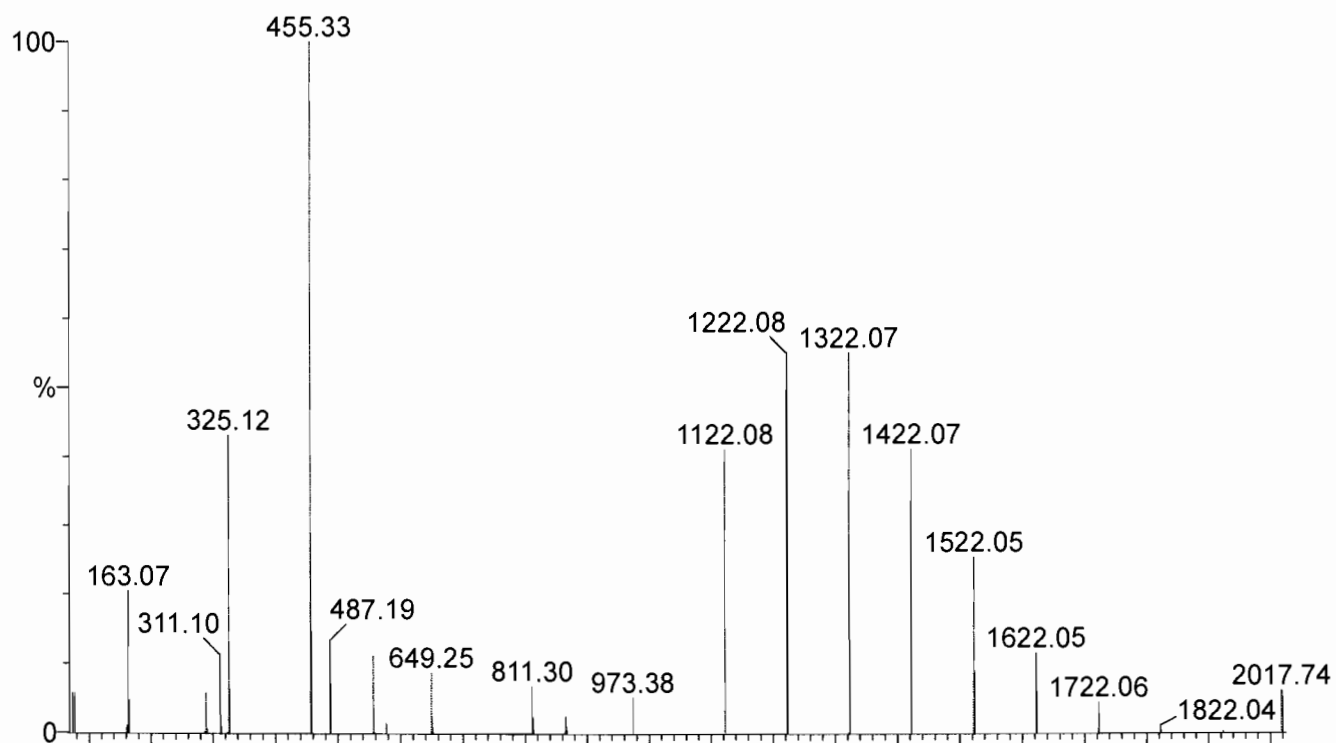


Printed: Sun Oct 28 08:04:54 2018



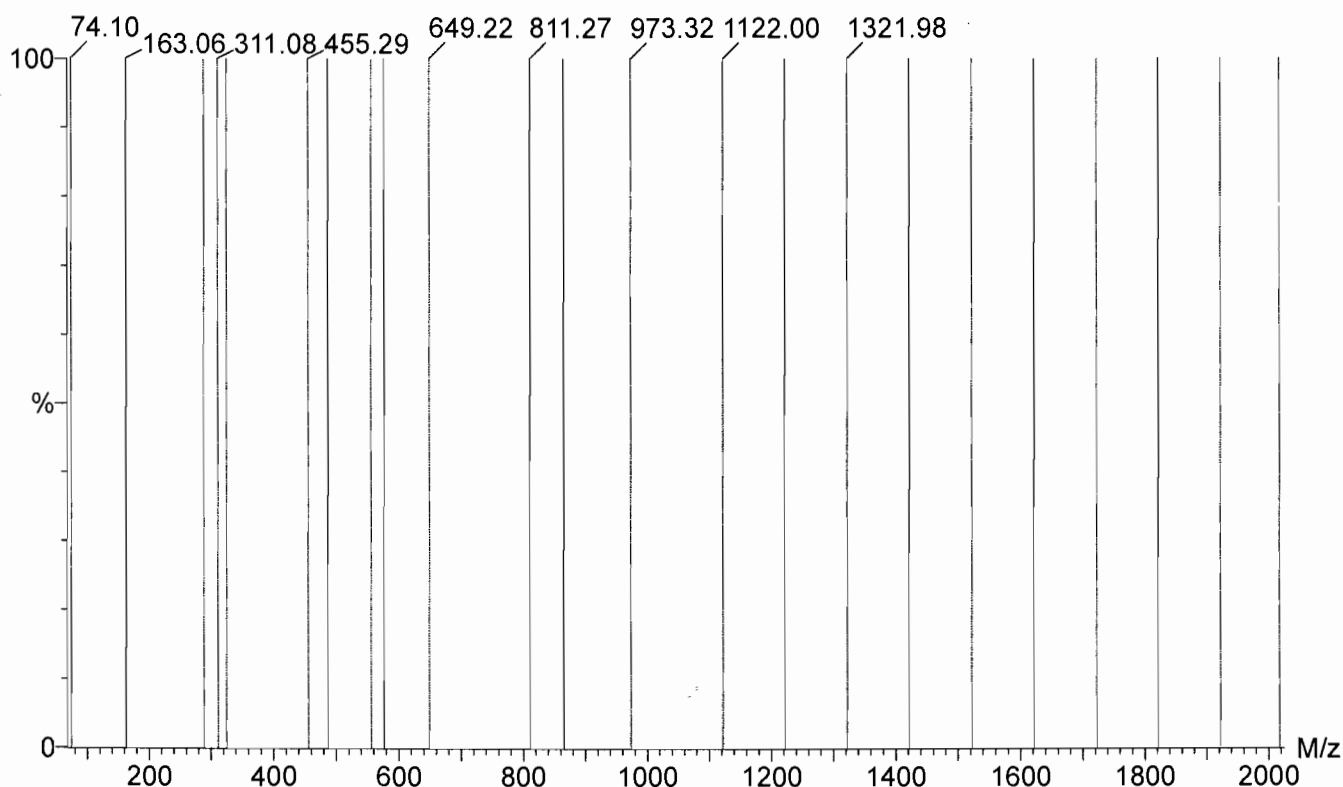
Printed: Sun Oct 28 08:06:02 2018

Data file: STATMS2V - Calibrated 22 matches of 23 tested references

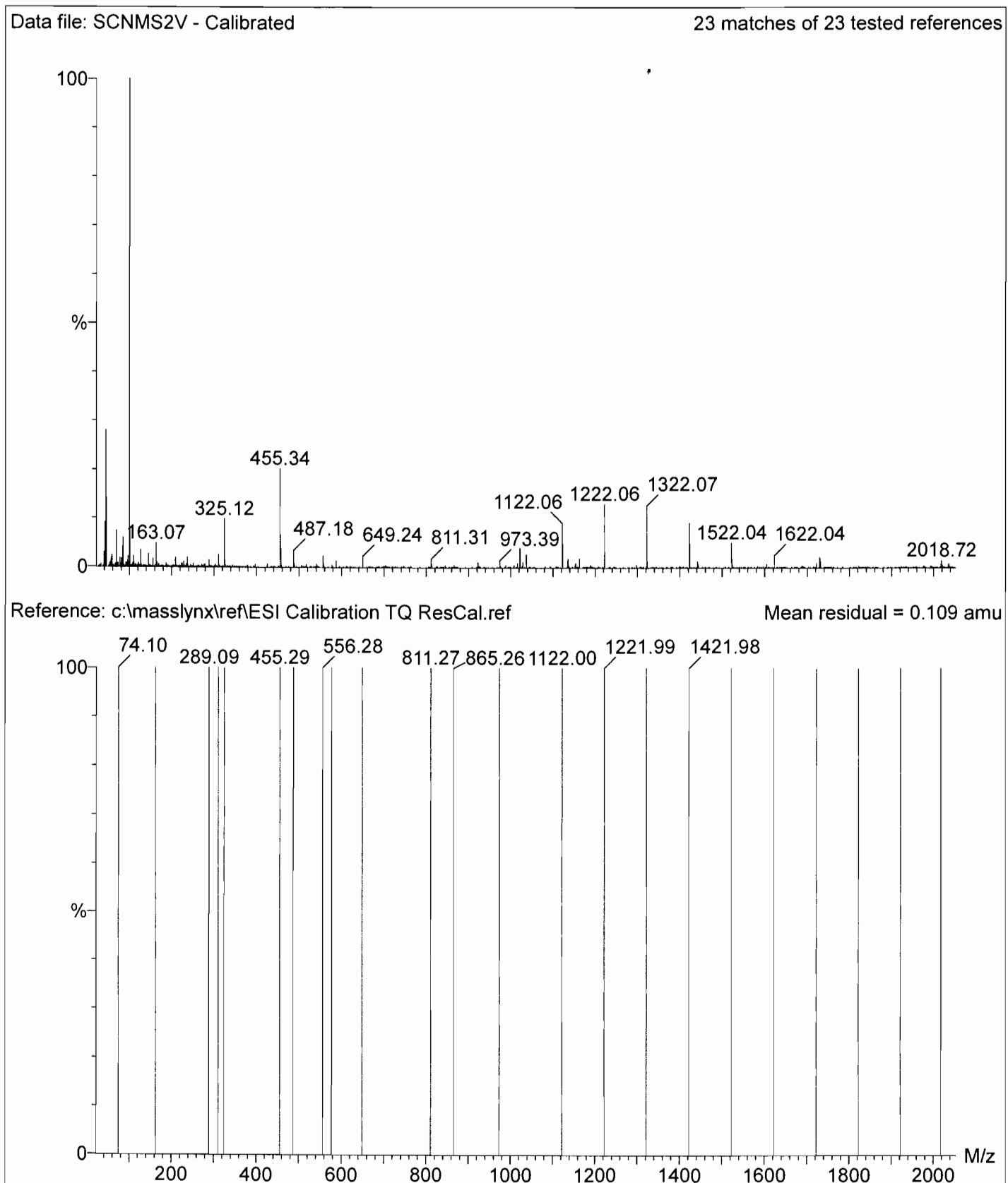


Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0585 amu



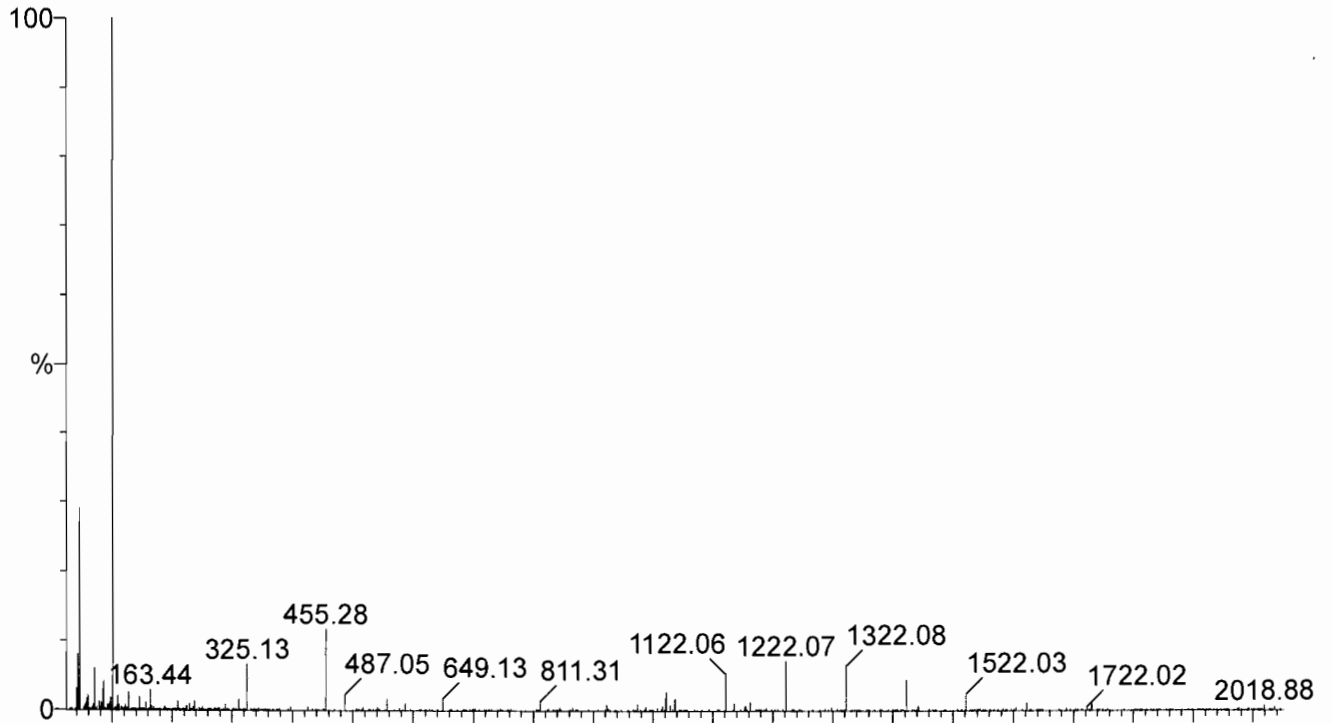
Printed: Sun Oct 28 08:07:11 2018



Printed: Sun Oct 28 08:08:36 2018

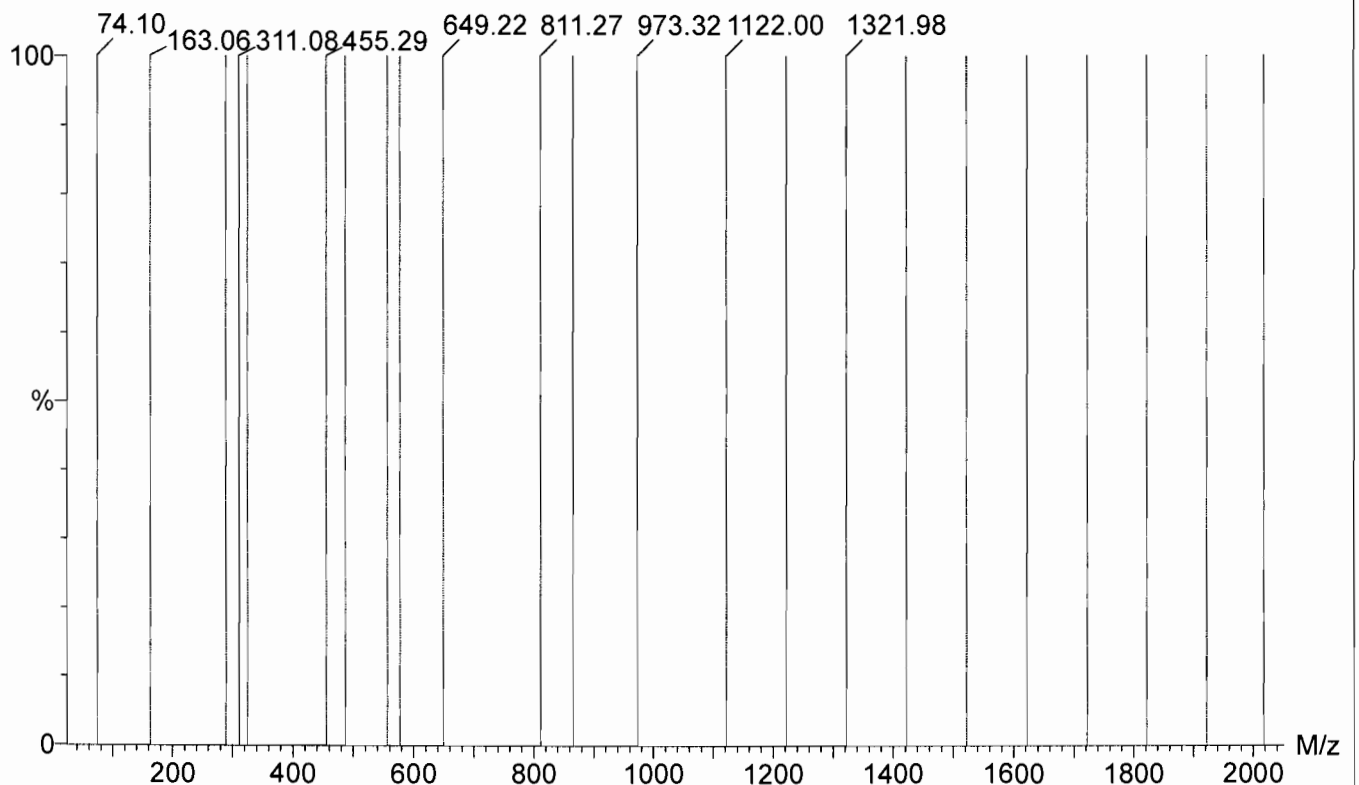
Data file: FASTMS2V - Calibrated

23 matches of 23 tested references



Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.151 amu



Time check Q4 (M) 10-29-18

Calibration Report - MS1 Static

20181029-1

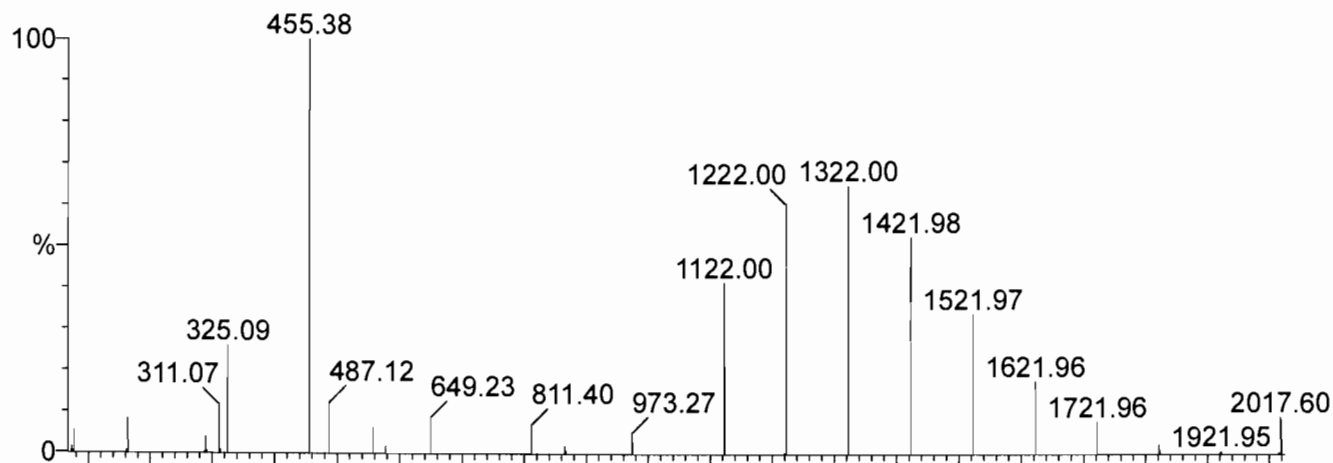
Page 1 of 6

Printed: Mon Oct 29 09:11:17 2018

(mass calibration)

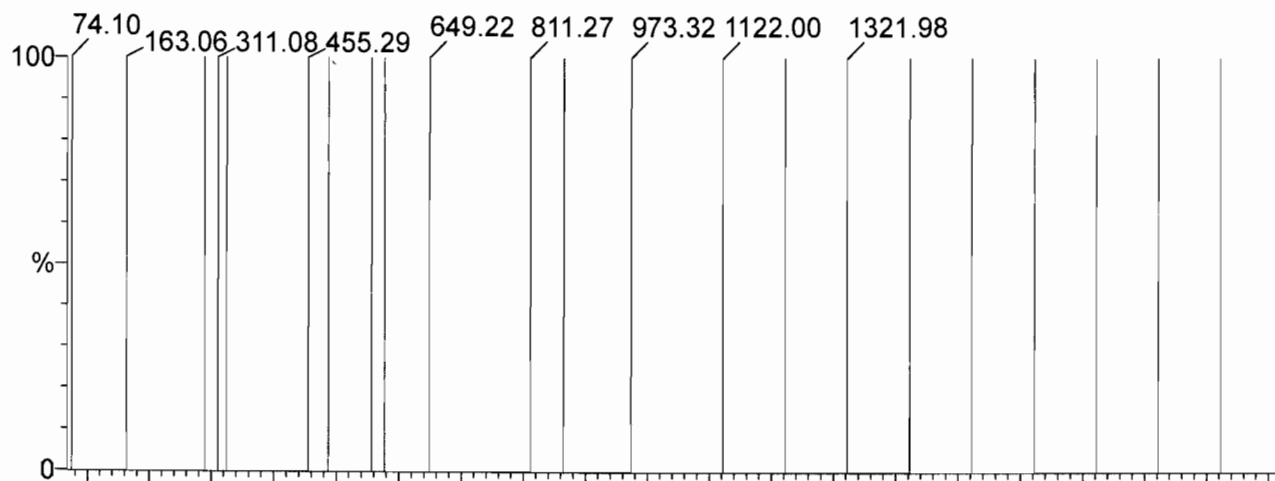
Data file: STATMS1 - Calibrated

23 matches of 23 tested references



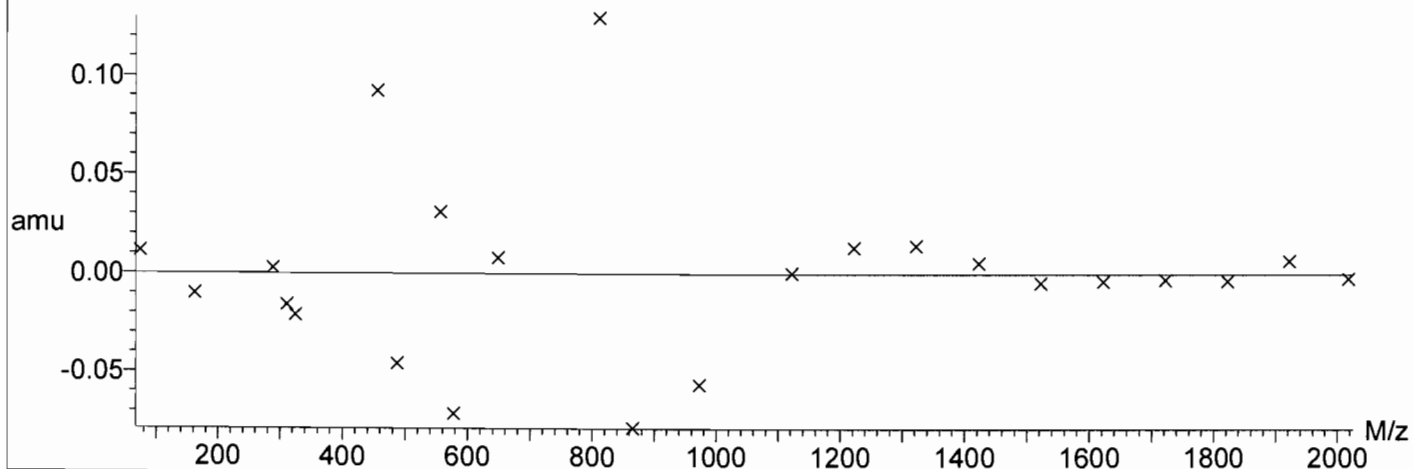
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0274 amu

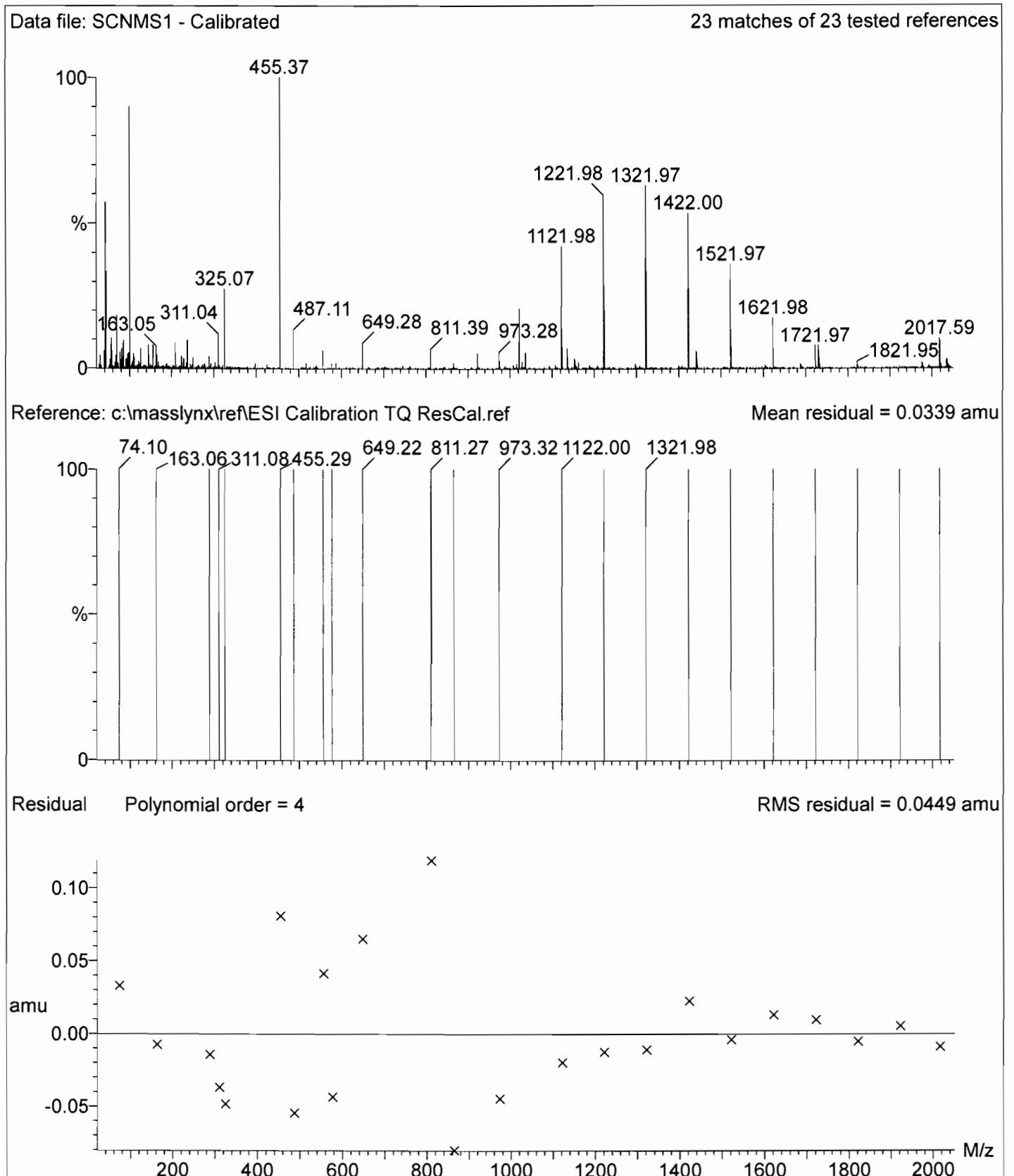


Residual Polynomial order = 4

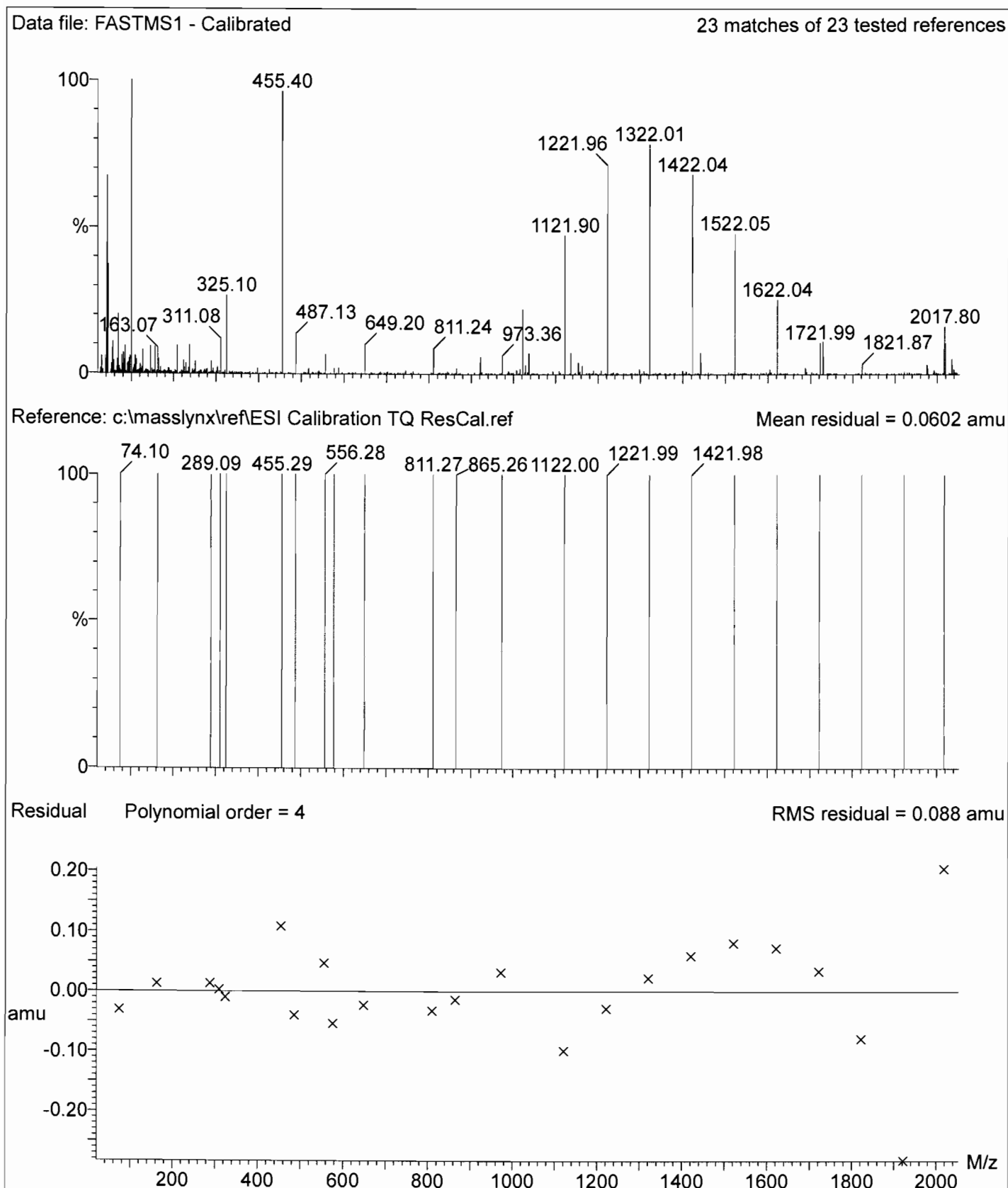
RMS residual = 0.0439 amu



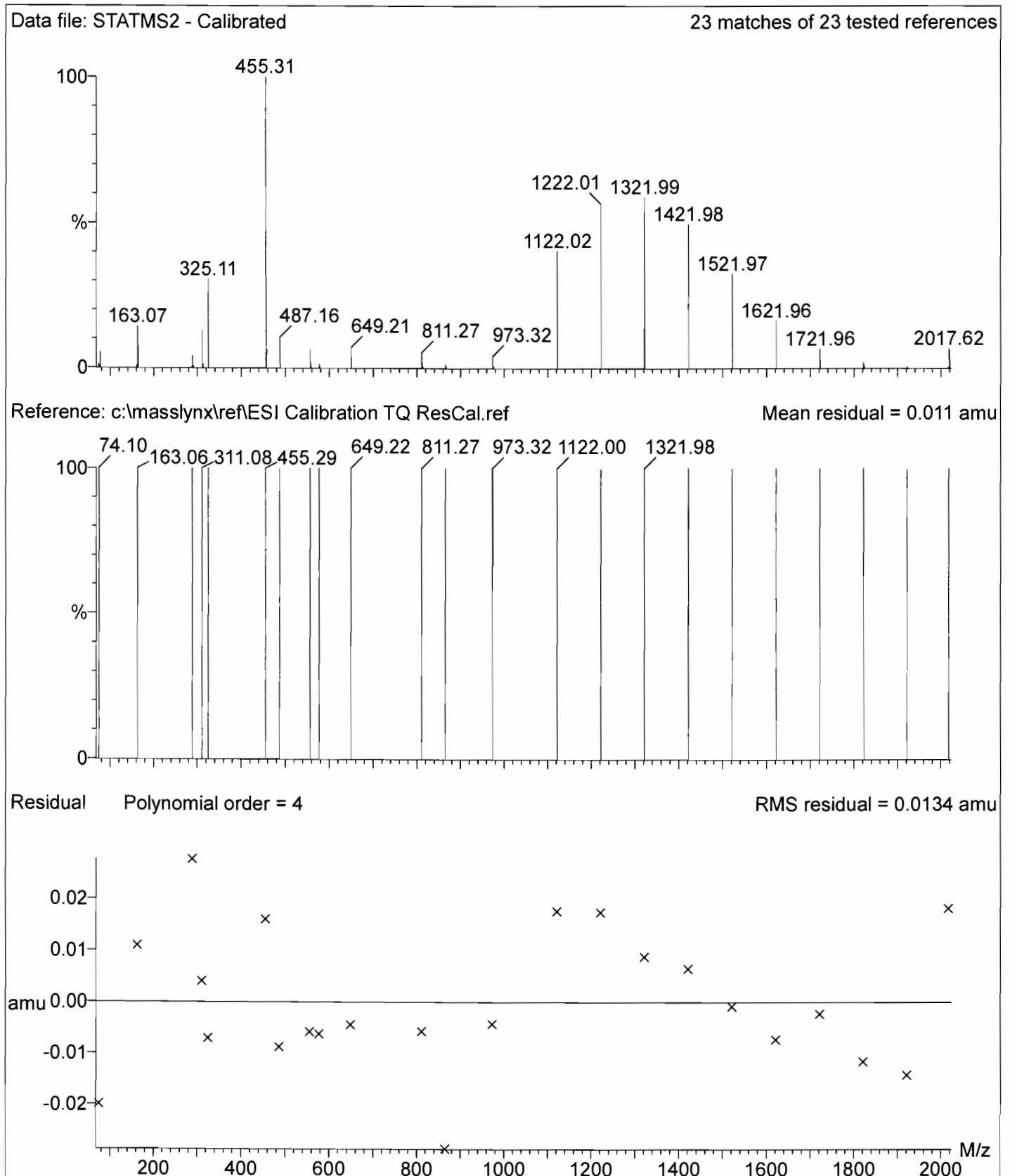
Printed: Mon Oct 29 09:12:26 2018



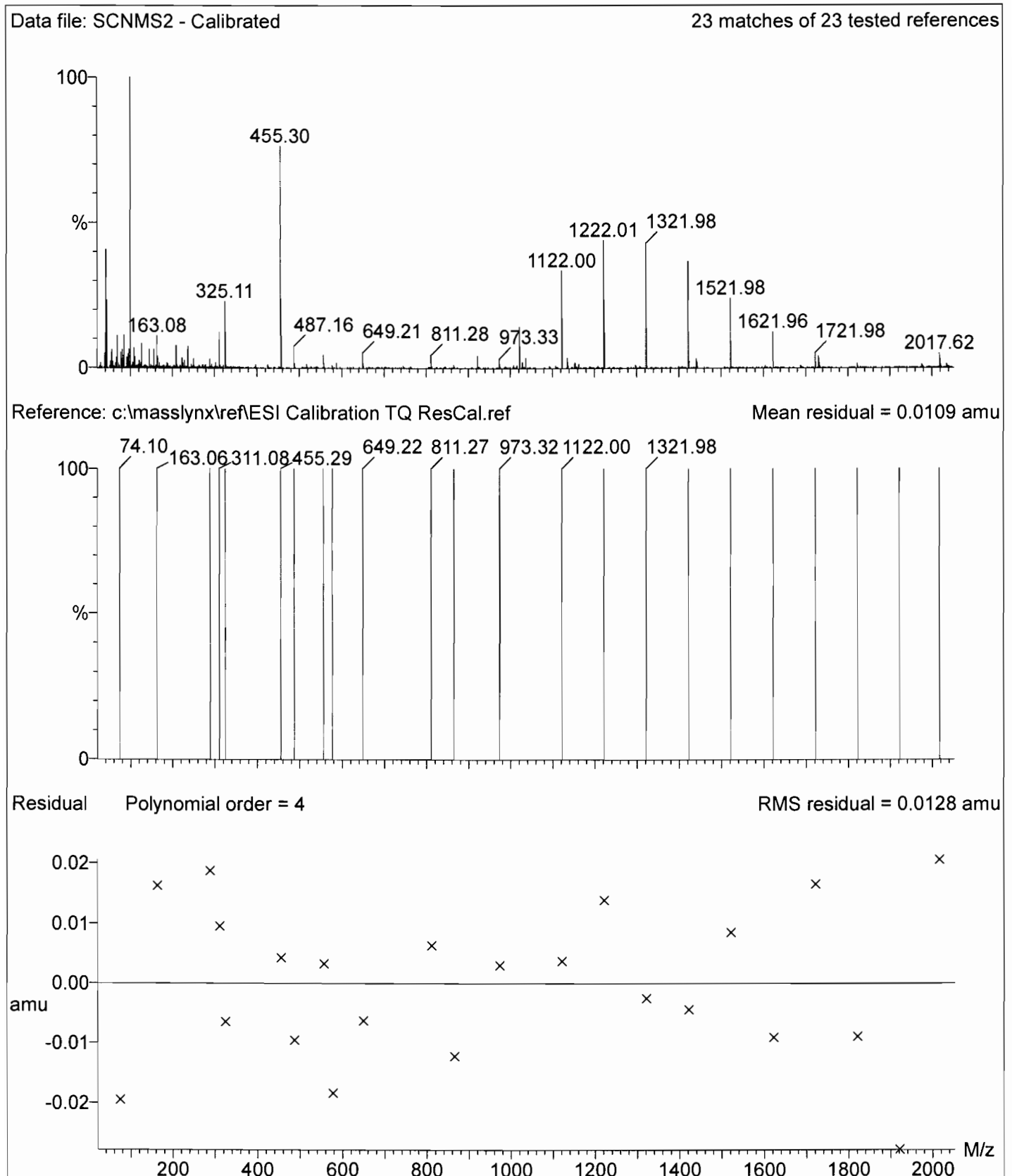
Printed: Mon Oct 29 09:13:37 2018



Printed: Mon Oct 29 09:14:45 2018



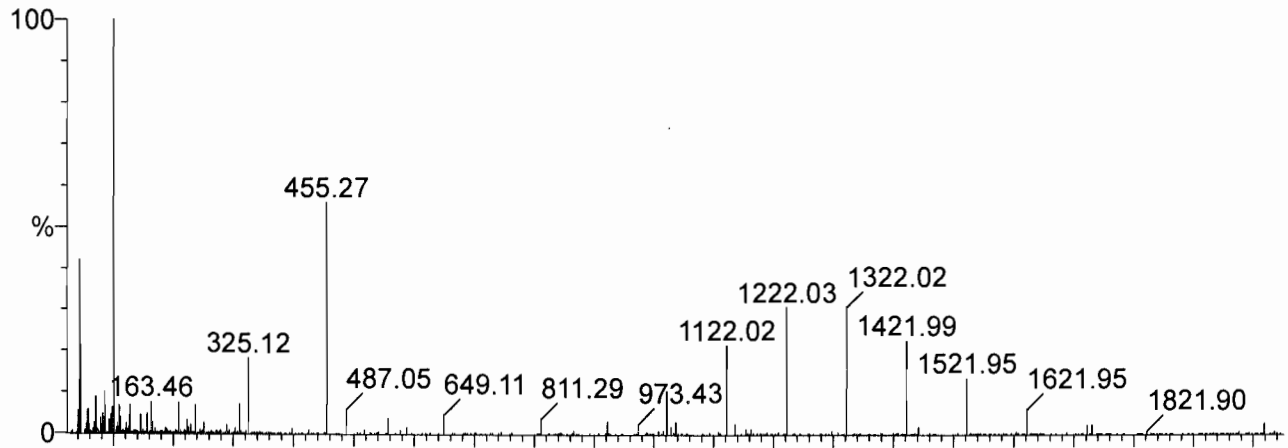
Printed: Mon Oct 29 09:15:54 2018



Printed: Mon Oct 29 09:17:19 2018

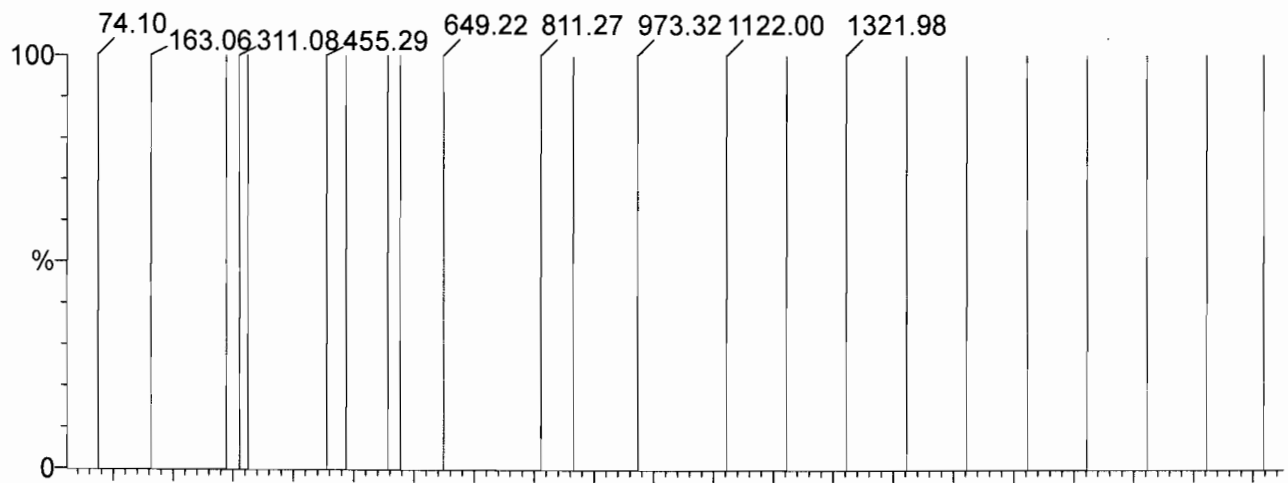
Data file: FASTMS2 - Calibrated

22 matches of 23 tested references



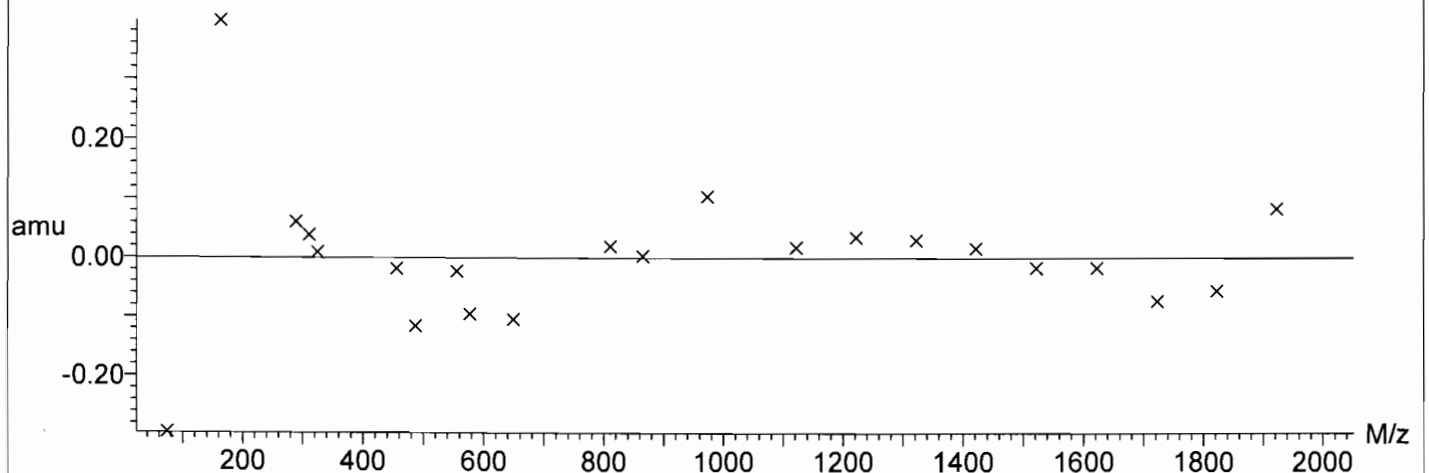
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0741 amu



Residual Polynomial order = 4

RMS residual = 0.119 amu



**DATA VALIDATION SUMMARY REPORT
NAS OCEANA, VIRGINIA BEACH, VIRGINIA**

Client: CH2M HILL, Inc., Virginia Beach, Virginia
 SDG: 1803286
 Laboratory: Vista Analytical Laboratory, El Dorado Hills, California
 Site: NAS Oceana, Virginia Beach, Virginia, CTO-WE14
 Date: November 12, 2018

PFCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	OC-RW03B-1018	1803286-01	Water
2	OC-RW03BP-1018	1803286-02	Water
3	OC-FB03B-1018	1803286-03	Water
4	OC-RW03-1018	1803286-04	Water
5	OC-FB03-1018	1803286-05	Water
6	OC-RW04-1018	1803286-06	Water
7	OC-FB04-1018	1803286-07	Water

A full data validation was performed on the analytical data for four water samples and three aqueous field blank samples collected on October 8, 2018 by CH2M HILL at the NAS Oceana site in Virginia Beach, Virginia. The samples were analyzed under the EPA Method "Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)".

Specific method references are as follows:

Analysis
PFCs

Method References
USEPA Method 537 Modified

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method, and the U.S. Department of Defense (DoD) Quality Systems Manual (QSM), Version 5.0 (July 2013) and the USEPA National Functional Guidelines for Organic Data Review as follows:

- The USEPA "Contract Laboratories Program National Functional Guidelines for Organic Superfund Methods Data Review," January 2017;
- and the reviewer's professional judgment.

The following data quality indicators were reviewed for this report:

Organics

- Date Completeness, Case Narrative & Custody Documentation

- Holding times
- Initial and continuing calibration summaries
- Method blank and field QC blank contamination
- Internal Standards
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries
- Target Compound Identification
- Compound Quantitation
- Field Duplicate sample precision

A full (Level IV) data validation was performed with this review including a recalculation of 10% of the detected results in the samples.

Data Usability Assessment

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Perfluorinated Compounds (PFCs)

Data Completeness, Case Narrative & Custody Documentation

- The case narrative and chain-of-custody documentation were included in the data package as required.

Holding Times

- All samples were extracted within 14 days for water samples and analyzed within 28 days.

Initial Calibration

- All percent difference (%D) and/or correlation coefficients criteria were met.

Continuing Calibration

- All percent recovery (%R) criteria were met.

Method Blank

- The method blanks were free of contamination.

Field QC Blank

- The field blank samples were free of contamination.

Blank ID	Compound	Conc. ng/L	Qualifier	Affected Samples
OC-FB03B-1018	None - ND	-	-	-
OC-FB03-1018	None - ND	-	-	-
OC-FB04-1018	None - ND	-	-	-

Internal Standards

- All criteria were met.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- MS/MSD samples were not analyzed.

Laboratory Control Sample (LCS)

- The LCS samples exhibited acceptable percent recoveries (%R).

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

- The ion ratio for PFOS in EDS Samples 1 and 2 and PFNA in EDS Sample 2 were outside of the 70-130% QC limits. The reviewer qualified these results as estimated (J).

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	PFCs		RPD	Qualifier
	OC-RW03B-1018 ng/L	OC-RW03BP-1018 ng/L		
PFBS	8.00	9.25	14%	None
PFHpA	11.0	10.8	2%	
PFHxS	24.6	27.6	11%	
PFOA	25.8	27.6	7%	
PFOS	6.23	9.40	41%	None - <5X LOQ
PFNA	ND	2.93	NC	None

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver
Nancy Weaver
Senior Chemist

Dated: 11/13/18

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Sample ID: OC-RW03B-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803286-01	Column: BEH C18
Project: 678440.SI.SL01	Date Collected: 08-Oct-18 09:06	Date Received: 09-Oct-18 10:25	

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	8.00	2.85	4.17	8.32	J	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFHpA	375-85-9	11.0	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFHxS	355-46-4	24.6	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFOA	335-67-1	25.8	2.85	4.17	8.32		B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFOS	1763-23-1	6.23	2.85	4.17	8.32	J	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1
PFNA	375-95-1	ND	2.85	4.17	8.32	J	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1

Labeled Standards		% Recovery		Limits		Qualifiers		Samp Size		Dilution	
Type											
IS	13C3-PFBS	86.4	50 - 150	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1			
IS	13C4-PFHpA	88.3	50 - 150	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1			
IS	18O2-PFHxS	90.6	50 - 150	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1			
IS	13C2-PFOA	82.8	50 - 150	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1			
IS	13C8-PFOS	96.3	50 - 150	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	1			
IS	13C5-PFNA	81.5	50 - 150	B8J0115	17-Oct-18	0.120 L	20-Oct-18 13:43	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.

new 11/12/18

Sample ID: OC-RW03BP-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803286-02	Column: BEH C18
Project: 678440.SI.SI.01	Date Collected: 08-Oct-18 09:08	Date Received: 09-Oct-18 10:25	

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	9.25	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
PFHpA	375-85-9	10.8	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
PFHxS	355-46-4	27.6	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
PFOA	335-67-1	27.6	2.87	4.20	8.39		B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
PFOS	1763-23-1	9.40	2.87	4.20	8.39	Q	B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
PFNA	375-95-1	2.93	2.87	4.20	8.39	Q	B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
Labeled Standards		% Recovery		Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	88.4		50 - 150			B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
13C4-PFHpA	IS	97.5		50 - 150			B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
18O2-PFHxS	IS	92.0		50 - 150			B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
13C2-PFOA	IS	88.4		50 - 150			B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
13C8-PFOS	IS	99.2		50 - 150			B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I
13C5-PFNA	IS	75.0		50 - 150			B8J0115	17-Oct-18	0.119 L	20-Oct-18 13:53	I

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.

RW = 11/2/18

Sample ID: OC-FB03B-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803286-03	Column: BEH C18
Project: 678440.SI.SI.01	Date Collected: 08-Oct-18 09:10	Date Received: 09-Oct-18 10:25	

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I
PFHpA	375-85-9	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I
PFHxS	355-46-4	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I
PFOA	335-67-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I
PFOS	1763-23-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I
PFNA	375-95-1	ND	2.89	4.20	8.43		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I
Labeled Standards	Type	% Recovery	DL	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	90.6		50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I	
13C4-PFHpA	IS	87.9		50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I	
18O2-PFHxS	IS	95.9		50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I	
13C2-PFOA	IS	83.9		50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I	
13C8-PFOS	IS	92.9		50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I	
13C5-PFNA	IS	83.0		50 - 150		B8J0115	17-Oct-18	0.119 L	20-Oct-18 14:04	I	

DL - Detection Limit

LOD - Limit of Detection

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.

new 10/2/18

Sample ID: OC-RW03-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name:	CH2M Hill	Lab Sample:	1803286-04
Project:	678440.SI.SL01	Date Received:	09-Oct-18 10:25
Matrix:	Drinking Water	Column:	BEH C18
Date Collected:	08-Oct-18 09:21		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFHpA	375-85-9	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFHxS	355-46-4	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFOA	335-67-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFOS	1763-23-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
PFNA	375-95-1	ND	2.91	4.24	8.49		B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	81.9	50 - 150			B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1	
13C4-PFHpA	IS	83.1	50 - 150			B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1	
18O2-PFHxS	IS	86.0	50 - 150			B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1	
13C2-PFOA	IS	88.9	50 - 150			B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1	
13C8-PFOS	IS	91.5	50 - 150			B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1	
13C5-PFNA	IS	80.4	50 - 150			B8J0115	17-Oct-18	0.118 L	29-Oct-18 11:12	1	

DL - Detection Limit
 LOD - Limit of Detection
 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.

11/12/18

Sample ID: OC-FB03-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name:	CH2M Hill	Lab Sample:	1803286-05
Project:	678440.SI.SI.01	Date Received:	09-Oct-18 10:25
Matrix:	Drinking Water	Column:	BEH C18
Date Collected:	08-Oct-18 09:23		

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I
PFHpA	375-85-9	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I
PFHxS	355-46-4	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I
PFOA	335-67-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I
PFOS	1763-23-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I
PFNA	375-95-1	ND	2.92	4.27	8.52		B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I
Labeled Standards	Type	% Recovery	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	92.4	50 - 150			B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I	
13C4-PFHpA	IS	83.4	50 - 150			B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I	
18O2-PFHxS	IS	87.4	50 - 150			B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I	
13C2-PFOA	IS	84.7	50 - 150			B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I	
13C8-PFOS	IS	85.0	50 - 150			B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I	
13C5-PFNA	IS	77.6	50 - 150			B8J0115	17-Oct-18	0.117 L	26-Oct-18 18:47	I	

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantitation

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

26 Oct 18 10:25

Sample ID: OC-RW04-1018

PFAS Isotope Dilution Method

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803286-06	Column: BEH C18
Project: 678440.SI.SI.01	Date Collected: 08-Oct-18 09:43	Date Received: 09-Oct-18 10:25	

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
		% Recovery	Limits								
13C3-PFBS	375-73-5	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	I
13C4-PFHpA	375-85-9	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	I
18O2-PFHxS	355-46-4	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	I
13C2-PFOA	335-67-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	I
13C8-PFOS	1763-23-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	I
13C5-PFNA	375-95-1	ND	2.97	4.35	8.68		B8J0115	17-Oct-18	0.115 L	19-Oct-18 16:48	I

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantification
 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.

2011, 2, 18

Sample ID: OC-FB04-1018

PFAS Isotope Dilution Method

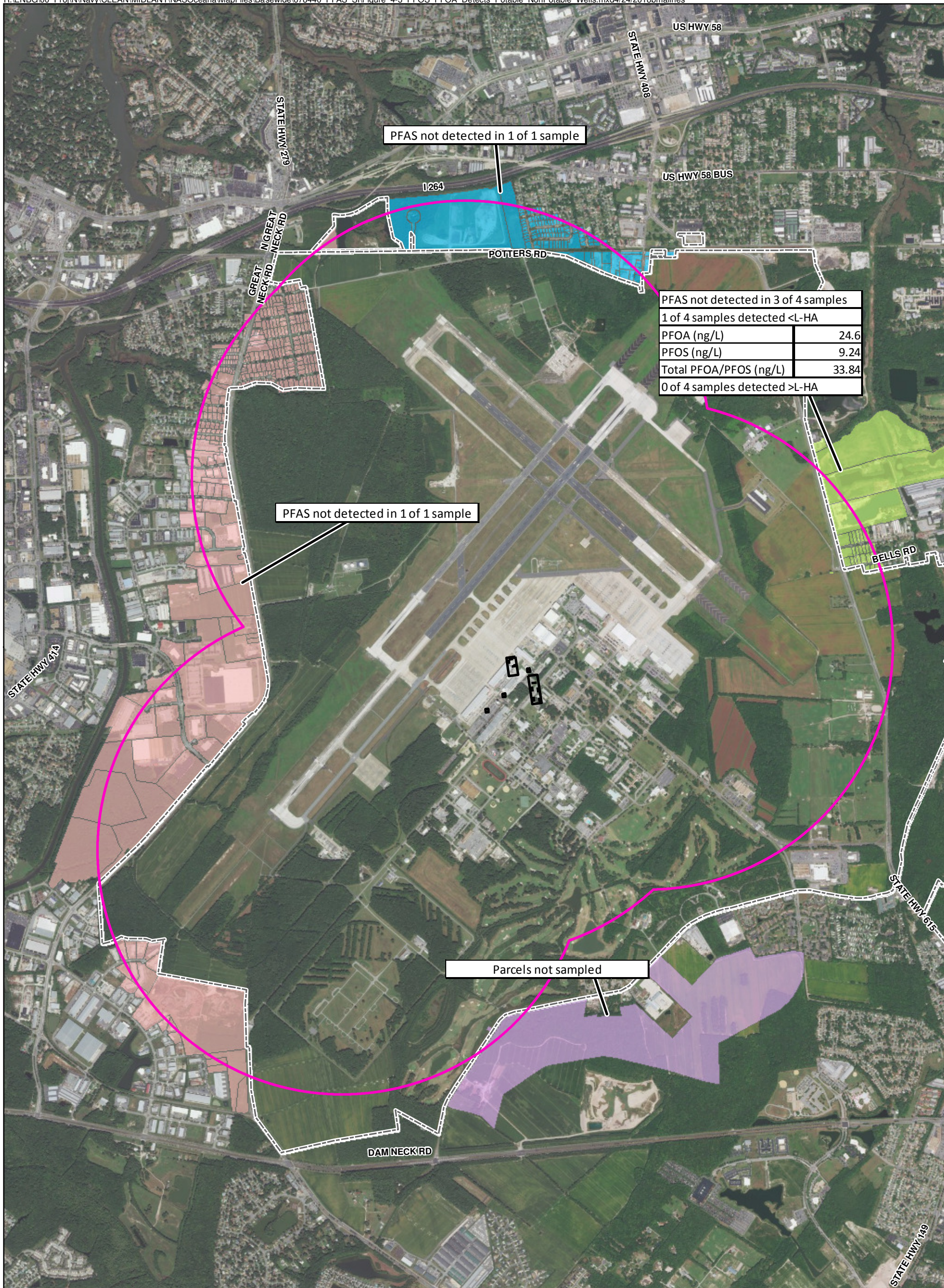
Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Drinking Water	Lab Sample: 1803286-07	Column: BEH C18
Project: 678440.SI.SI.01	Date Collected: 08-Oct-18 09:45	Date Received: 09-Oct-18 10:25	

Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
Labeled Standards		% Recovery	Limits		Qualifiers		Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	375-73-5	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
PFHpA	375-85-9	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
PFHxS	355-46-4	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
PFOA	335-67-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
PFOS	1763-23-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
PFNA	375-95-1	ND	2.88	4.20	8.41		B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
13C3-PFBS	IS	90.8		50 - 150			B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
13C4-PFHpA	IS	90.0		50 - 150			B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
18O2-PFHxS	IS	89.5		50 - 150			B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
13C2-PFOA	IS	84.0		50 - 150			B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
13C8-PFOS	IS	93.7		50 - 150			B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I
13C5-PFNA	IS	77.4		50 - 150			B8J0115	17-Oct-18	0.119 L	19-Oct-18 16:58	I

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.

Nov 11 12:18



- Legend**
- Non-Core Target Treatment Area (2004)
 - - Core Target Treatment Area (2004) (Core)
 - ▭ Sampling Area
 - ▭ Installation Boundary
 - Off-Base Parcels**
 - ▭ East
 - ▭ North
 - ▭ South
 - ▭ West

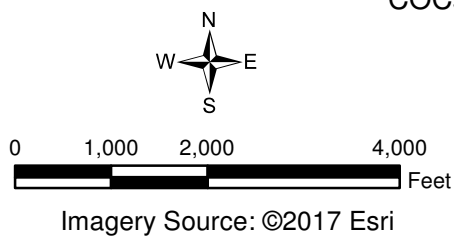


Figure 4-3
COCs Detections in Potable Wells Sampled from Parcels Located Off-Base
Basewide Per- and Polyfluoroalkyl Substances Site Inspection Report
NAS Oceana, Virginia Beach, Virginia