

**Quantitative Determination of PFOS and Related Compounds
in Human Serum by LC/MS/MS**

**Sample Analysis Report for Protocol
EPI-0011**

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QUALITY ASSURANCE STATEMENT

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COMPOUND(S): PFOS and Related Compounds

NWB STUDY NUMBER: NWBS00-088

SPONSOR STUDY NUMBER: EPI-0011

NWB STUDY TITLE: Quantitative Determination of PFOS and Related
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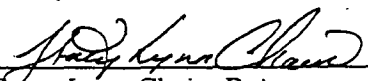
The clinical study described in this report is not included within the definition of a GLP regulated nonclinical study. However, Northwest Bioanalytical conducts all studies within the guidelines of the U.S. FDA Good Laboratory Practice Regulations for Nonclinical Laboratory Studies (Title 21 CFR Part 58), the OECD Principles of Good Laboratory Practice and the Japanese MHW Good Laboratory Practice Standard Ordinance for Nonclinical Laboratory Studies on the Safety of Drugs (Ordinance No. 21, PAB Notification No. 424.) The following inspections were performed by the NWB QAU per SOP.

Inspection and Reporting Statement.

<u>Date of Inspection</u>	<u>Phase of Study</u>	<u>Date Report Sent to NWB Project Manager</u>	<u>Date Report Sent to NWB Management*</u>
22-25 Sep 2000	Sample Receipt	25 Sep 2000	29 Sep 2000
16 Oct 2000	Analytical Plan	16 Oct 2000	31 Oct 2000
07-13 Nov 2000	Sample Analysis	14 Nov 2000	30 Nov 2000
20-25 Oct 2001	Report Draft/Raw Data	25 Oct 2001	31 Oct 2001
27 Nov 2001	2 nd Report Draft/Raw Data	27 Nov 2001	30 Nov 2001
03 Dec 2001	Final Report	03 Dec 2001	31 Dec 2001

*Reports to NWB Management are issued monthly.

As can reasonably be established, the methods and procedures described and the results incorporated into this final report accurately reflect the raw data.


Stacy Lynn Chain, B.A.
NWB Quality Assurance Compliance Auditor

12-03-01

Date

COMPLIANCE STATEMENT

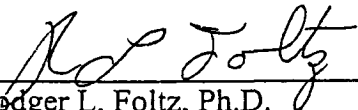
The clinical study described in this report is not included within the definition of a GLP regulated nonclinical study. However, to the best of our knowledge, this project was conducted in accordance with the guidelines of the U.S. FDA Good Laboratory Practice Regulations for Nonclinical Laboratory Studies (Title 21 CFR Part 58) and according to the methods and procedures described within this report. In addition, the study followed the guidelines of the OECD Principles of Good Laboratory Practice and the Japanese MHW Good Laboratory Practice Standard Ordinance for Nonclinical Laboratory Studies on the Safety of Drugs (Ordinance No. 21, PAB Notification No. 424.) Any known incidents that may have affected the quality or integrity of the project or reported data is included in this report. This report represents an accurate record of the raw data.



Connie O. Sakashita, B.S.
NWB Project Manager

11-30-01

Date



Rodger L. Foltz, Ph.D.
NWB Technical Director

11-30-01

Date

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Quantitative Determination of PFOS and Related Compounds in Human Serum by LC/MS/MS

Sample Analysis Report for Protocol EPI-0011

1. INTRODUCTION

This report summarizes the analytical results from the quantitation of PFOS, PFOA, PFHS, PFOSAA, PFOSA, M556, and M570 in human serum samples for 3M Company in support of Protocol EPI-0011 [5.1]. The LC/MS/MS method for the analytes exhibited a quadratic response for the following LLOQ and ULOQ values:

Analyte	LLOQ	ULOQ
PFOS	3.94 ppb	414 ppb
PFOA	1.92 ppb	481 ppb
PFHS	1.36 ppb	523 ppb
PFOSAA	1.60 ppb	501 ppb
PFOSA	1.00 ppb	500 ppb
M556	2.50 ppb	500 ppb
M570	1.00 ppb	500 ppb

The testing facility was 3M Company (Corporate Occupational Medicine, Medical Department, 220-3W-05, St. Paul, MN 55144), and the Study Director was Jeffrey H. Mandel, M.D., M.P.H. James K. Lundberg served as the technical contact at 3M. The following is a list of NWB supervisory personnel involved in the completion of this work: Connie O. Sakashita, B.S. (NWB Project Manager); Patrick Bennett, M.S., M.B.A. (NWB Laboratory Director); Rodger L. Foltz, Ph.D. (NWB Technical Director). Laboratory personnel involved in the completion of this study included Suzanne Newman, B.S. (NWB Research Scientist); Emily Yardimci, B.S. (NWB Scientist).

NWB SOPs and guidelines were used in the conduct of this study and were available to study personnel in electronic and/or hard copy formats.

Date Study Initiated: 22-Sep-2000 Date Analyses Completed: 25-Mar-2001

However, Northwest Bioanalytical conducts all studies within the guidelines of the U.S. FDA Good Laboratory Practice Regulations for Nonclinical Laboratory Studies (Title 21 CFR Part 58), the OECD Principles of Good Laboratory Practice and the Japanese MHW Good Laboratory Practice Standard Ordinance for Nonclinical Laboratory Studies on the Safety of Drugs (Ordinance No. 21, PAB Notification No. 424). Any changes to or deviations from the original protocol (Analytical Plan) were documented through approved protocol amendments or deviation memos and are retained within the raw data.

2. METHODOLOGY

The assay used for this study is reported in Northwest Bioanalytical reports NWBR00-108 [5.2] and NWBR00-122 [5.3]. Chinese human plasma was used for the calibration curves and quality control samples. Serum sample results obtained using plasma curves are discussed in NWBR00-122.

Samples for this study were received at NWB on the following dates:

<i>Receipt Date</i>	<i>Number of Samples Received</i>	<i>Storage Condition (except during analysis)</i>
21-Sep-2000	526	-20 °C
22-Sep-2000	73	-20 °C
21-Feb-2001	62	-20 °C

Reference Material

<i>Analyte</i>	<i>Lot Number</i>	<i>Purity</i>	<i>Expiration Date</i>	<i>Source</i>	<i>Storage Conditions</i>
PFOS	193	100%	31-Dec-2010	3M	Room temperature*
PFOA	245	100%	31-Dec-2010	3M	Room temperature*
PFHS	SE-036	100%	01-Jan-2010	3M	-20 °C
PFOSAA	617	53.8%	31-Dec-2010	3M	Room temperature
PFOSA	214	100%	31-Dec-2010	3M	Room temperature
M556	NB113047-8D	99.89%	31-Dec-2010	3M	Room temperature
M570	118506-26	99.75%	31-Dec-2010	3M	Room temperature
THPFOS	59909	90%	31-Dec-2010	3M	Room temperature

*Stored dry

The reference material purity for PFOS, PFOSA, PFHS, and PFOA was not available prior to the conduct of this study. Therefore, the reference material purity was assumed to be 100%.

3M contracted with Centre Analytical Laboratories, Inc., in State College, Pennsylvania to determine the absolute concentration of PFOS, PFOA, and PFHS in NWB stock solutions used to prepare the analytical standards and controls used for this studies. All arrangements for purity determinations and the transfer of NWB solutions to Centre Analytical Laboratories, Inc., were performed by 3M. Based on Centre Analytical Laboratories' results, the concentrations of plasma calibrator and quality control samples were corrected using the following factors:

<i>Analyte</i>	<i>Correction Factor</i>
PFOS	0.821
PFOA	0.961
PFHS	1.043

Eight or more calibration standards were prepared on the day of each run by adding 100 µL of blank human Chinese plasma and 400 µL of 50 mM ammonium acetate in

water (unadjusted pH ~6.9) to 13 x 100 mm polypropylene tubes. After a brief vortex mixing, 10.0 μ L of the appropriate spiking solution was added. The final calibration standard concentrations in human Chinese plasma for each analyte are listed below:

Analyte	Calibration Standard Concentrations*
PFOS	3.94, 5.17, 11.3, 23.6, 44.2, 85.4, 209, 332, and 414 ppb
PFOA	1.92, 3.36, 10.6, 25.0, 49.0, 97.1, 241, 385, and 481 ppb
PFHS	1.36, 2.92, 10.7, 26.5, 52.6, 104, 262, 418, and 523 ppb
PFOSAA	1.60, 3.10, 10.6, 25.6, 50.6, 101, 251, 401, and 501 ppb
PFOSA	1.00, 2.50, 10.0, 25.0, 50.0, 100, 250, 400, and 500 ppb
M556	2.50, 10.0, 25.0, 50.0, 100, 250, 400, and 500 ppb
M570	1.00, 2.50, 10.0, 25.0, 50.0, 100, 250, 400, and 500 ppb

* The target calibration curve range is 1.00 ppb to 500 ppb (except for M556 which has a LLOQ of 2.50 ppb). Each analyte has a different final curve range based upon the persistent levels of the analyte in the human Chinese plasma used.

In addition, blank plasma samples, both with and without internal standard (designated as QC0s and Blanks, respectively), were assayed in each analytical run.

Analytical QCs were prepared in human Chinese plasma on October 6, 2000, October 11, 2000, and October 27, 2000 and stored in a -20 °C freezer. For each run, analytical QC levels were assayed in duplicate. In addition, for each dilution level, dilution QCs were run in triplicate in any analytical run that contained diluted subject samples. The QC concentration levels are shown in the following table.

QC Concentrations				
All concentrations are expressed as ppb.				
Analyte	Low	Medium	High	High, DF = 2
PFOS	6.40	126	332	335
PFOA	4.81	145	385	386
PFHS	4.48	156	417	418
PFOSAA	4.60	151	401	401
PFOSA	4.00	150	400	400
M556	4.00	150	400	400
M570	4.00	150	400	400

The internal standard (THPFOS) was added to all plasma and serum samples (except Blanks) for a final concentration of approximately 200 ppb.

The analytical method consisted of a liquid:liquid extraction procedure followed by evaporation and reconstitution of the extract residue with 20 mM ammonium acetate in water: 20 mM ammonium acetate in methanol (30:70 v/v). The samples were analyzed by liquid chromatography/tandem mass spectrometry using a PE Sciex API 3000. The instrument was operated in the multiple reaction monitoring (MRM) mode under optimized conditions for PFOS, PFOA, PFHS, PFOSAA, PFOSA, M556 and M570 detection of the negative ions formed by TurboIonSpray™ ionization.

3. SAMPLE ANALYSIS

PFOS, PFOA, PFHS, PFOSAA, PFOSA, M556, M570, and THPFOS chromatographic peaks were integrated using the PE Sciex MacQuan software (version 1.6) with a smooth factor of one. Quantitation was based upon quadratic regression analysis of weighted ($1/x^2$) calibration curves using area ratio vs. concentration utilizing Watson® DMLIMS software (version 6.1.1.04). The samples were injected in a systematic order.

3.1. Acceptance Criteria

For an analytical run to be accepted, it must have met the acceptance criteria listed below which are consistent with regulatory and industry recommendations.

Calibration Curve

Each run will include in duplicate calibration standards at six or more concentrations covering the lower to upper limit of quantitation. For all analytes except PFOSA and PFOSAA, at least three-fourths of the calibration standard's back-calculated concentrations must be within $\pm 15\%$ ($\pm 20\%$ for LLOQ) of their individual target concentrations. For PFOSA and PFOSAA, at least three-fourths of the calibration

standard's back-calculated concentrations must be within $\pm 20\%$ ($\pm 25\%$ for LLOQ) of their individual target concentrations. A calibration standard will be considered an outlier if it is greater than two times the acceptance criteria for that standard.

Lower Limit of Quantitation

The back-calculated concentrations of at least one of the duplicate lowest points in the calibration curve must be within $\pm 25\%$ of the target concentration for PFOSA and PFOSAA to qualify as the LLOQ and within $\pm 20\%$ of the target concentration to qualify as the LLOQ for all other analytes. If this criterion is not met, the next level is subjected to the same test and the LLOQ raised accordingly.

Quality Control Samples

Each analytical run will include low, medium and high QC samples in duplicate. The measured concentrations of at least two-thirds of all analytical QCs must be within $\pm 20\%$ of their target concentrations ($\pm 25\%$ for PFOSA and PFOSAA), and no two QCs at the same concentration can be outside the limit. If study samples require dilution, a dilution QC will be analyzed in triplicate for each dilution level (except for PFOSA and PFOSAA which should not be diluted with control matrix). At least two dilution QCs at each level must be within $\pm 20\%$ of its target concentrations in order to accept diluted study samples at that level. The dilution QC acceptance is independent of the undiluted analytical QC acceptance.

4. RESULTS AND DISCUSSION

Serum sample results obtained using plasma curves for PFOA, PFHS, PFOSAA, PFOSA, M556, and M570 did not meet NWB SOP requirements for validation. Results may vary on average up to 26% from results obtained using human serum calibration curves at some concentration levels for PFOA, PFHS, PFOSAA, M556, and M570. For PFOSA, results may vary on average up to 43% from results obtained using human serum

calibration curves. However, in order to obtain the lower limit of quantitation less than 5 ppb required by the Sponsor, it was necessary to use plasma curves.

Each accepted run met the acceptance criteria set for the calibration curve points, for the lower limit of quantitation (LLOQ) and for the analytical quality control (QC) samples.

Run ID	PFOS Result	PFOA Result	PFHS Result	PFOSAA Result	Comments
1	Rejected	Rejected	Rejected	Rejected	All analytes rejected due to sample preparation error
2	Accepted	Accepted	Accepted	Accepted	
3	Accepted	Accepted	Accepted	Accepted	
4	Accepted	Accepted	Accepted	Accepted	
5	Accepted	Accepted	Accepted	Accepted	
6	Accepted	Accepted	Accepted	Accepted	
7	Accepted	Accepted	Accepted	Accepted	
8	Accepted	Accepted	Accepted	Accepted	
9	Accepted	Accepted	Accepted	Accepted	
10	Accepted	Accepted	Accepted	Accepted	
11	Accepted	Accepted	Accepted	Accepted	
12	Accepted	Accepted	Accepted	Accepted	LLOQ raised for PFOS
13	Accepted	Accepted	Accepted	Accepted	
14	Accepted	Accepted	Accepted	Rejected	Low QCs failed for PFOSAA.
15	N/A	N/A	N/A	N/A	
16	N/A	N/A	N/A	Accepted	
17	Accepted	Accepted	Accepted	Accepted	

N/A = not analyzed

Run ID	PFOSA Result	M556 Result	M570 Result	Comments
1	Rejected	Rejected	Rejected	All analytes rejected due to sample preparation error
2	Accepted	Accepted	Accepted	
3	Accepted	Accepted	Accepted	
4	Accepted	Accepted	Accepted	
5	Accepted	Accepted	Accepted	

Run ID	PFOSA Result	M556 Result	M570 Result	Comments
6	Accepted	Accepted	Accepted	
7	Accepted	Accepted	Accepted	
8	Accepted	Accepted	Accepted	
9	Accepted	Accepted	Accepted	
10	Accepted	Accepted	Accepted	
11	Rejected	Accepted	Accepted	Standard curve failed for PFOSA. Reinjection of Run 11 for PFOSAA only.
12	Accepted	Accepted	Accepted	
13	Accepted	Accepted	Accepted	
14	Accepted	Accepted	Rejected	Low QCs failed for M570
15	Rejected	N/A	N/A	Standard curve failed for PFOSA
16	N/A	N/A	Accepted	
17	Accepted	Accepted	Accepted	

N/A = not analyzed

Because of the limited sample volume available, several samples in this study were analyzed at a dilution factor of 2. High QC samples, diluted at a factor of 2, were also analyzed in triplicate.

METH00040 did not meet the validation acceptance criteria for analysis of QC samples containing PFOSA or PFOSAA at concentrations above the ULOQ (analyzed after dilution). Samples containing PFOSA or PFOSAA at concentrations less than the ULOQ and analyzed after diluting with control matrix were not evaluated for accuracy and precision during method validation.

PFOSA and PFOSAA accuracy and precision for the diluted high QC samples from 3 separate runs was determined to assess the validity of diluting samples with Chinese plasma when samples have PFOSA or PFOSAA concentrations less than the ULOQ. (Refer to PFOSAA results in Runs 12, 13, and 16 and PFOSA results in Runs 12, 13, and 14.) Both intra- and inter-assay precision were <15% and intra- and inter-assay accuracy deviated <15% from target (data not shown). Therefore, the accuracy and precision obtained after diluting samples with Chinese plasma when samples have PFOSA or

PFOSAA concentrations less than the ULOQ is acceptable and PFOSA and PFOSAA results from diluted samples will be reported.

The lack of dilution data prior to analysis of diluted of high QC samples did not affect the quality of the assay or integrity of the PFOSA and PFOSAA data.

Sample 230 was analyzed on Run 1 which had to be rejected for all analytes due to sample preparation error. There is insufficient sample for reanalysis.

SOP Deviations

Samples 2193 to 2363 and 2366 to 2500 were analyzed for PFOSA in Run 11 and Run 15. The standard curves did not meet the acceptance criteria in either run and therefore, PFOSA results were rejected. There was insufficient sample to reanalyze. Since the runs failed, no standard or QC data from the runs is included in this report.

All subject PFOSA sample results obtained in Runs 11 and 15 were less than the LLOQ. The standard curve failed due to scatter and less than three-fourths of the standards were within the acceptance criteria. However, the mean of the low QC results in the two runs ranged from 109.8 to 114.3% of target and the LLOQ samples for run 15 deviated less than $\pm 5\%$ of target. Since there is insufficient sample volume to repeat the analyses, the client has requested that the <LLOQ results be reported as conditional information.

The criteria specified in the analytical plan for rejection of calibration standards was not followed for the M570 curve in run 12. Standard 1, replicate 1 was deactivated as an outlier even though the % deviation from target was less than 2 times the acceptance criteria for that standard prior to deactivation.

As a general practice, both LLOQs are deactivated if both LLOQ results are outside of the specified acceptance criteria. For this run, when both LLOQs were deactivated, the calculated concentration of Std 1, replicate 1, deviated 61% from target and replicate 2 was 11% from target. This indicated that Std 1, repl 1 was a true outlier and Std 1, repl 2 was originally not fitting the curve because Std 1, repl 1 was skewing the curve. When

Std 1, repl 2 is reactivated, it has a deviation of 2% from target. Therefore, the regression will be accepted with only Std 1, repl 1 deactivated as an outlier. Since the regression is scientifically sound and acceptance criteria for the run are met, this deviation does not effect the quality of the data or integrity of the study.

5. REFERENCES

- 5.1. 3M Company Protocol EPI-0011. "Identification of Fluorochemicals in Sera of Children in the United States." March 16, 2000.
- 5.2. C. Sakashita. "Quantitative Determination of PFOS, PFOSA, PFOSAA, POAA, PFHS, M556 and M570 in Human Serum by LC/MS/MS." Assay Revalidation Report. NWB Study NWBS00-040. NWB Report NWBR00-108. January 24, 2001.
- 5.3. C. Sakashita. "Quantitative Determination of PFOS, PFOSA, PFOSAA, POAA, PFHS, M556 and M570 in Human Serum by LC/MS/MS." Assay Revalidation Addendum Report. NWB Study NWBS00-040. NWB Report NWBR00-122. November 20, 2001.

6. DATA RETENTION

The raw data and final report for this study will be stored in the NWB Archives, 1121 East 3900 South, Salt Lake City, UT 84124 per regulations and contract agreement. After submission of the final report to the Sponsor, remaining study samples will be stored under required conditions until confirmation of Sample Disposition/Return Authorization is received from the Sponsor. 3M Company will be notified concerning final disposition of records at completion of contract obligations.

Table 1. Calibration Curve Summary for PFOSQuadratic-weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	A	B	C	R-Squared	LLOQ	ULOQ
31-Oct-2000	2	-0.000005	0.027791	0.010909	0.9956	3.94	414
01-Nov-2000	3	-0.000005	0.027419	0.006602	0.9990	3.94	414
04-Nov-2000	4	-0.000007	0.030558	0.012087	0.9961	3.94	414
06-Nov-2000	5	-0.000017	0.038499	0.015935	0.9953	3.94	414
08-Nov-2000	6	-0.000011	0.035306	0.007489	0.9960	3.94	414
09-Nov-2000	7	-0.000010	0.039703	0.010533	0.9894	3.94	414
10-Nov-2000	8	-0.000008	0.035218	0.033595	0.9921	3.94	414
12-Nov-2000	9	-0.000003	0.020611	0.020473	0.9912	3.94	414
13-Nov-2000	10	-0.000007	0.029955	0.022348	0.9918	3.94	414
14-Nov-2000	11	0.000005	0.026248	0.022175	0.9791	3.94	414
15-Nov-2000	12	-0.000005	0.041499	0.007161	0.9829	5.17	414
16-Nov-2000	13	-0.000003	0.036442	0.026638	0.9820	3.94	414
18-Nov-2000	14	-0.000006	0.034381	0.024135	0.9970	3.94	414
25-Mar-2001	17	-0.000001	0.008025	0.004145	0.9969	3.94	414
Mean		-0.000006	0.030833	0.016016	0.9917		
S.D.		0.000005	0.008779	0.008935	0.0063		
%CV		-83.3	28.5	55.8	0.6		
n		14	14	14	14		

A, B, and C are coefficients used to define the calibration curve.

Table 2. Calibration Curve Summary for PFOAQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	A	B	C	R-Squared	LLOQ	ULOQ
31-Oct-2000	2	0.000001	0.018750	0.001244	0.9967	1.92	481
01-Nov-2000	3	0.000002	0.018998	0.000186	0.9980	1.92	481
04-Nov-2000	4	0.000001	0.014032	0.001606	0.9945	1.92	481
06-Nov-2000	5	0.000000	0.014340	0.002050	0.9941	1.92	481
08-Nov-2000	6	-0.000001	0.014866	0.000095	0.9971	1.92	481
09-Nov-2000	7	-0.000002	0.014932	0.002985	0.9961	1.92	481
10-Nov-2000	8	0.000001	0.015103	0.009536	0.9941	1.92	481
12-Nov-2000	9	0.000001	0.010333	0.003017	0.9961	1.92	481
13-Nov-2000	10	0.000001	0.015660	0.002794	0.9936	1.92	481
14-Nov-2000	11	0.000008	0.013586	0.006940	0.9842	1.92	481
15-Nov-2000	12	0.000002	0.015457	0.005125	0.9903	1.92	481
16-Nov-2000	13	-0.000001	0.017638	0.007935	0.9922	1.92	481
18-Nov-2000	14	0.000000	0.020492	0.010441	0.9921	1.92	481
25-Mar-2001	17	0.000000	0.006597	0.002091	0.9921	1.92	481
Mean		0.000001	0.015056	0.004003	0.9937		
S.D.		0.000002	0.003547	0.003414	0.0035		
%CV		200.0	23.6	85.3	0.4		
n		14	14	14	14		

A, B, and C are coefficients used to define the calibration curve.

Table 3. Calibration Curve Summary for PFHSQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	A	B	C	R-Squared	LLOQ	ULOQ
31-Oct-2000	2	-0.000009	0.031737	0.006465	0.9976	1.36	523
01-Nov-2000	3	-0.000010	0.032478	0.009418	0.9979	1.36	523
04-Nov-2000	4	-0.000008	0.031233	0.014139	0.9965	1.36	523
06-Nov-2000	5	-0.000015	0.034135	0.015590	0.9952	1.36	523
08-Nov-2000	6	-0.000015	0.035218	0.009051	0.9964	1.36	523
09-Nov-2000	7	-0.000011	0.030154	0.011565	0.9977	1.36	523
10-Nov-2000	8	-0.000008	0.028971	0.027667	0.9946	1.36	523
12-Nov-2000	9	-0.000006	0.020349	0.010603	0.9983	1.36	523
13-Nov-2000	10	-0.000008	0.030472	0.025208	0.9979	1.36	523
14-Nov-2000	11	-0.000006	0.032776	0.025491	0.9964	1.36	523
15-Nov-2000	12	-0.000008	0.030669	0.025839	0.9887	1.36	523
16-Nov-2000	13	-0.000007	0.028744	0.027330	0.9930	1.36	523
18-Nov-2000	14	-0.000008	0.032203	0.024941	0.9922	1.36	523
25-Mar-2001	17	-0.000002	0.007658	0.007909	0.9937	1.36	523
Mean		-0.000009	0.029057	0.017230	0.9954		
S.D.		0.000003	0.007075	0.008299	0.0028		
%CV		-33.3	24.3	48.2	0.3		
n		14	14	14	14		

A, B, and C are coefficients used to define the calibration curve.

Table 4. Calibration Curve Summary for PFOSAAQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	A	B	C	R-Squared	LLOQ	ULOQ
31-Oct-2000	2	-0.000001	0.023946	-0.003099	0.9952	1.60	501
01-Nov-2000	3	0.000002	0.022379	0.004347	0.9940	1.60	501
04-Nov-2000	4	0.000000	0.016980	0.005491	0.9840	1.60	501
06-Nov-2000	5	0.000000	0.016621	0.003312	0.9827	1.60	501
08-Nov-2000	6	0.000000	0.018859	0.003795	0.9939	1.60	501
09-Nov-2000	7	0.000002	0.014599	0.003438	0.9901	1.60	501
10-Nov-2000	8	0.000004	0.017031	0.025660	0.9812	1.60	501
12-Nov-2000	9	0.000001	0.011371	0.000468	0.9982	1.60	501
13-Nov-2000	10	0.000004	0.019123	0.007920	0.9937	1.60	501
14-Nov-2000	11	0.000016	0.014974	0.016220	0.9802	1.60	501
15-Nov-2000	12	0.000004	0.012533	0.009564	0.9810	1.60	501
16-Nov-2000	13	0.000004	0.014478	0.010593	0.9859	1.60	501
20-Nov-2000	16	0.000003	0.020670	0.021239	0.9927	1.60	501
25-Mar-2001	17	0.000001	0.005029	0.010607	0.9928	1.60	501
Mean		0.000003	0.016328	0.008540	0.9890		
S.D.		0.000004	0.004833	0.007974	0.0062		
%CV		133.3	29.6	93.4	0.6		
n		14	14	14	14		

A, B, and C are coefficients used to define the calibration curve.

Table 5. Calibration Curve Summary for PFOSAQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	A	B	C	R-Squared	LLOQ	ULOQ
31-Oct-2000	2	-0.000013	0.052859	0.003517	0.9949	1.00	500
01-Nov-2000	3	-0.000003	0.046250	0.010476	0.9961	1.00	500
04-Nov-2000	4	-0.000012	0.054175	0.011593	0.9918	1.00	500
06-Nov-2000	5	-0.000018	0.069706	0.019030	0.9964	1.00	500
08-Nov-2000	6	-0.000015	0.060806	0.009414	0.9958	1.00	500
09-Nov-2000	7	-0.000013	0.072938	0.011198	0.9921	1.00	500
10-Nov-2000	8	-0.000011	0.067435	0.045288	0.9914	1.00	500
12-Nov-2000	9	-0.000007	0.036838	0.013009	0.9930	1.00	500
13-Nov-2000	10	-0.000005	0.051854	0.018661	0.9911	1.00	500
15-Nov-2000	12	-0.000009	0.077880	0.003529	0.9855	1.00	500
16-Nov-2000	13	-0.000007	0.069240	0.029141	0.9812	1.00	500
18-Nov-2000	14	-0.000010	0.064050	0.019102	0.9945	1.00	500
25-Mar-2001	17	0.000000	0.015780	0.005386	0.9945	1.00	500
Mean		-0.000009	0.056909	0.015334	0.9922		
S.D.		0.000005	0.016948	0.011547	0.0044		
%CV		-55.6	29.8	75.3	0.4		
n		13	13	13	13		

A, B, and C are coefficients used to define the calibration curve.

Table 6. Calibration Curve Summary for M556Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	A	B	C	R-Squared	LLOQ	ULOQ
31-Oct-2000	2	-0.000001	0.018373	0.001923	0.9972	2.50	500
01-Nov-2000	3	0.000002	0.017583	0.005331	0.9972	2.50	500
04-Nov-2000	4	0.000002	0.007944	0.003887	0.9903	2.50	500
06-Nov-2000	5	0.000001	0.007717	0.004452	0.9822	2.50	500
08-Nov-2000	6	0.000002	0.009283	0.002596	0.9949	2.50	500
09-Nov-2000	7	0.000002	0.007610	0.002860	0.9985	2.50	500
10-Nov-2000	8	0.000002	0.008464	0.004466	0.9975	2.50	500
12-Nov-2000	9	0.000002	0.006106	0.003591	0.9968	2.50	500
13-Nov-2000	10	0.000003	0.008526	0.004733	0.9962	2.50	500
14-Nov-2000	11	0.000007	0.007051	0.006423	0.9867	2.50	500
15-Nov-2000	12	0.000003	0.006747	0.003029	0.9911	2.50	500
16-Nov-2000	13	0.000002	0.006485	0.002510	0.9936	2.50	500
18-Nov-2000	14	0.000002	0.008566	0.004178	0.9942	2.50	500
25-Mar-2001	17	0.000001	0.002650	0.001081	0.9955	2.50	500
Mean		0.000002	0.008793	0.003647	0.9937		
S.D.		0.000002	0.004209	0.001423	0.0047		
%CV		100.0	47.9	39.0	0.5		
n		14	14	14	14		

A, B, and C are coefficients used to define the calibration curve.

Table 7. Calibration Curve Summary for M570Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	A	B	C	R-Squared	LLOQ	ULOQ
31-Oct-2000	2	-0.000006	0.038561	0.012040	0.9924	1.00	500
01-Nov-2000	3	-0.000001	0.036248	0.019154	0.9952	1.00	500
04-Nov-2000	4	-0.000002	0.027976	0.012726	0.9860	1.00	500
06-Nov-2000	5	-0.000002	0.026862	0.016535	0.9908	1.00	500
08-Nov-2000	6	0.000000	0.030532	0.016991	0.9961	1.00	500
09-Nov-2000	7	0.000001	0.024223	0.014409	0.9863	1.00	500
10-Nov-2000	8	0.000002	0.028172	0.063424	0.9950	1.00	500
12-Nov-2000	9	-0.000002	0.018677	0.009480	0.9951	1.00	500
13-Nov-2000	10	0.000002	0.030589	0.027413	0.9938	1.00	500
14-Nov-2000	11	0.000020	0.025065	0.030430	0.9807	1.00	500
15-Nov-2000	12	0.000003	0.021180	0.014447	0.9847	1.00	500
16-Nov-2000	13	0.000006	0.022590	0.034515	0.9802	1.00	500
20-Nov-2000	16	0.000000	0.033466	0.044312	0.9914	1.00	500
25-Mar-2001	17	0.000000	0.002606	0.003896	0.9929	1.00	500
Mean		0.000002	0.026196	0.022841	0.9900		
S.D.		0.000006	0.008809	0.015953	0.0055		
%CV		300.0	33.6	69.8	0.6		
n		14	14	14	14		

A, B, and C are coefficients used to define the calibration curve.

Table 8. Back-Calculated Concentrations of Calibration Standards for PFOSQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	3.94	5.17	11.3	23.6	44.2	85.4	209	332	414
31-Oct-2000	2	3.65	5.67	12.0	23.4	45.0	84.2	224	347	424
		4.10	4.90	10.7	23.3	42.3	84.5	203	345	368
01-Nov-2000	3	4.00	5.15	11.4	23.7	46.7	84.5	198	329	422
		3.94	5.04	11.4	23.9	43.4	83.6	207	351	405
04-Nov-2000	4	4.16	5.31	10.5	21.2	44.9	83.7	205	340	411
		3.70	5.05	12.6	24.1	45.7	86.9	213	332	409
06-Nov-2000	5	3.97	5.37	12.4	25.7	45.3	82.8	203	352	428
		3.83	4.96	10.7	23.2	43.5	77.3	*116	*	399
08-Nov-2000	6	3.96	5.74	11.1	25.6	44.5	87.0	215	350	436
		3.69	5.02	11.3	22.8	42.9	81.8	193	333	386
09-Nov-2000	7	4.26	5.56	12.2	26.7	46.7	89.3	227	357	433
		3.56	4.85	10.3	22.2	40.9	77.1	184	338	376
10-Nov-2000	8	4.57	4.83	11.9	24.8	47.0	86.6	212	353	418
		**7.53	4.35	11.0	22.5	41.1	87.8	207	325	390
12-Nov-2000	9	3.67	5.25	12.0	25.1	49.0	89.1	220	339	443
		4.53	4.57	10.2	23.0	42.0	79.6	195	321	392
13-Nov-2000	10	3.84	6.11	12.3	24.2	45.1	85.5	222	344	401
		3.76	4.53	11.3	24.0	40.4	75.9	208	332	413
14-Nov-2000	11	4.56	5.74	11.8	26.3	50.7	90.5	**95.5	354	401
		3.26	4.83	9.79	21.9	**28.5	64.6	210	354	391
15-Nov-2000	12	†4.93	5.81	10.8	25.9	47.0	96.6	245	374	456
		†3.23	4.86	10.1	20.9	43.6	77.6	184	294	354
16-Nov-2000	13	3.31	4.34	10.3	22.6	43.8	75.1	201	313	391
		4.83	5.52	12.0	26.2	50.4	79.5	233	330	452

* Sample deactivated due to preparation error

** Sample deactivated as an outlier

† LLOQ failed

Table 8. Back-Calculated Concentrations of Calibration Standards for PFOS (Continued)Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	3.94	5.17	11.3	23.6	44.2	85.4	209	332	414
18-Nov-2000	14	3.88	5.45	11.0	23.1	44.6	83.3	206	357	388
		4.03	4.71	12.3	24.2	42.4	85.9	208	333	422
25-Mar-2001	17	3.98	4.71	11.1	25.5	44.7	81.6	211	344	423
		4.26	4.93	11.4	24.0	44.7	82.6	202	344	390
Mean		3.97	5.11	11.3	23.9	44.8	83.0	209	340	408
S.D.		0.383	0.461	0.784	1.55	2.63	6.03	13.9	16.0	24.6
%CV		9.6	9.0	6.9	6.5	5.9	7.3	6.7	4.7	6.0
%Bias		0.8	-1.2	0.0	1.3	1.4	-2.8	0.0	2.4	-1.4
n		25	28	28	28	27	28	26	27	28

Table 9. Back-Calculated Concentrations of Calibration Standards for PFOAQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.92	3.36	10.6	25.0	49.0	97.1	241	385	481
31-Oct-2000	2	1.94	3.49	9.80	24.9	47.2	89.3	250	383	470
		1.88	3.36	10.7	26.6	49.5	99.2	247	427	443
01-Nov-2000	3	1.85	3.30	10.0	24.0	51.6	98.9	227	381	472
		1.94	3.64	10.5	25.7	48.7	95.3	249	406	478
04-Nov-2000	4	2.05	3.27	9.53	21.4	49.2	90.5	245	385	456
		1.80	3.49	11.0	27.9	51.0	102	253	398	478
06-Nov-2000	5	1.89	3.14	10.6	25.0	47.0	84.0	234	374	482
		1.92	3.63	10.5	27.3	55.5	92.8	*164	*	509
08-Nov-2000	6	2.03	3.22	9.85	27.5	49.6	97.8	253	382	481
		1.98	3.03	10.3	25.1	50.8	95.0	237	387	471
09-Nov-2000	7	2.17	3.06	10.4	25.8	49.2	92.7	244	394	501
		1.77	3.34	10.8	25.6	50.2	95.0	243	399	437
10-Nov-2000	8	2.17	2.75	9.73	26.1	49.5	95.4	238	386	484
		**6.15	3.22	11.2	24.5	50.9	103	255	378	467
12-Nov-2000	9	2.02	3.53	11.0	23.9	51.0	94.5	235	365	477
		**3.54	2.92	10.0	24.3	52.3	99.6	251	416	467
13-Nov-2000	10	2.22	3.19	10.8	26.1	52.2	93.0	249	412	463
		1.77	2.97	10.6	27.2	47.1	87.0	242	386	473
14-Nov-2000	11	2.30	3.92	10.6	27.2	53.6	96.8	**57.3	381	445
		1.59	2.72	9.75	24.0	**15.4	83.8	258	418	482
15-Nov-2000	12	2.28	3.16	9.24	25.1	49.5	90.5	233	339	494
		1.70	3.22	10.7	25.3	56.9	102	246	415	480
16-Nov-2000	13	1.82	3.28	10.4	27.0	51.3	96.7	233	372	466
		2.22	2.81	10.3	26.0	52.9	86.4	253	369	523

* Sample deactivated due to preparation error

** Sample deactivated as an outlier

Table 9. Back-Calculated Concentrations of Calibration Standards for PFOA (Continued)Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.92	3.36	10.6	25.0	49.0	97.1	241	385	481
18-Nov-2000	14	1.77	3.29	9.90	25.1	48.7	96.5	243	404	441
		2.20	2.90	12.5	25.6	46.1	93.9	248	398	486
25-Mar-2001	17	1.85	2.67	10.4	27.1	49.4	95.5	234	395	474
		2.26	3.15	10.9	25.9	50.4	94.2	241	416	455
Mean		1.98	3.20	10.4	25.6	50.4	94.3	244	391	473
S.D.		0.199	0.298	0.634	1.40	2.47	5.07	8.09	19.6	19.7
%CV		10.1	9.3	6.1	5.5	4.9	5.4	3.3	5.0	4.2
%Bias		3.1	-4.8	-1.9	2.4	2.9	-2.9	1.2	1.6	-1.7
n		26	28	28	28	27	28	26	27	28

Table 10. Back-Calculated Concentrations of Calibration Standards for PFHSQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.36	2.92	10.7	26.5	52.6	104	262	418	523
31-Oct-2000	2	1.30	3.01	11.2	26.0	49.7	98.7	268	419	530
		1.42	2.77	11.2	27.4	52.0	102	266	455	478
01-Nov-2000	3	1.36	2.73	11.2	25.8	51.1	104	238	417	513
		1.35	3.12	10.6	27.1	55.7	100	268	442	532
04-Nov-2000	4	1.43	3.08	9.86	28.5	51.2	96.4	247	432	513
		1.31	2.67	10.7	28.7	53.1	106	271	424	524
06-Nov-2000	5	1.40	2.86	11.0	26.6	51.5	87.1	252	431	515
		1.36	2.72	11.5	28.8	55.5	102	*167	*	554
08-Nov-2000	6	1.44	2.85	11.4	28.3	52.4	101	260	425	547
		1.24	3.16	10.1	25.7	53.8	96.3	247	430	516
09-Nov-2000	7	1.44	2.80	11.2	26.8	51.9	101	256	409	518
		1.26	3.05	11.0	26.4	52.3	101	251	468	515
10-Nov-2000	8	1.51	2.37	10.9	26.4	53.1	103	250	413	537
		**5.46	2.69	11.1	28.1	54.0	107	272	413	515
12-Nov-2000	9	1.35	2.88	10.6	25.4	51.4	96.8	256	391	529
		**3.07	2.97	10.9	28.3	55.3	103	270	439	530
13-Nov-2000	10	1.35	2.85	11.1	26.4	52.5	102	262	432	520
		1.41	2.73	11.3	27.9	48.8	99.6	273	434	492
14-Nov-2000	11	1.45	2.61	10.7	27.4	50.4	104	**79.3	416	488
		1.32	2.95	10.8	28.0	**23.7	101	269	469	503
15-Nov-2000	12	1.55	2.74	11.4	29.4	55.4	120	276	475	561
		1.30	2.47	10.2	25.4	51.9	91.9	237	370	482
16-Nov-2000	13	1.23	2.66	11.2	27.3	55.1	104	270	407	521
		1.59	2.64	10.8	27.3	56.3	89.6	255	420	542

* Sample deactivated due to preparation error

** Sample deactivated as an outlier

Table 10. Back-Calculated Concentrations of Calibration Standards for PFHS
(Continued)

Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.36	2.92	10.7	26.5	52.6	104	262	418	523
18-Nov-2000	14	1.26	2.98	10.1	26.3	53.8	97.8	264	428	534
		1.48	2.61	13.3	26.6	50.3	99.7	253	407	534
25-Mar-2001	17	1.39	2.46	10.4	28.0	55.4	103	277	440	521
		1.52	2.52	10.6	27.5	55.3	103	258	427	474
Mean		1.39	2.78	10.9	27.2	52.9	101	260	427	519
S.D.		0.0963	0.208	0.631	1.09	2.07	5.94	11.2	22.9	21.7
%CV		6.9	7.5	5.8	4.0	3.9	5.9	4.3	5.4	4.2
%Bias		2.2	-4.8	1.9	2.6	0.6	-2.9	-0.8	2.2	-0.8
n		26	28	28	28	27	28	26	27	28

Table 11. Back-Calculated Concentrations of Calibration Standards for PFOSAAQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.60	3.10	10.6	25.6	50.6	101	251	401	501
31-Oct-2000	2	1.41	3.26	10.7	24.0	48.1	94.6	271	394	487
		1.68	3.36	10.9	25.4	48.1	106	261	433	467
01-Nov-2000	3	1.66	2.85	9.40	25.1	55.4	97.5	248	375	495
		1.54	3.50	9.99	26.9	48.8	107	261	443	481
04-Nov-2000	4	1.58	3.53	8.37	19.1	50.2	94.5	243	392	461
		1.56	3.00	12.0	28.9	54.9	107	285	429	496
06-Nov-2000	5	1.24	2.77	10.1	23.3	45.8	95.8	242	379	494
		1.94	3.56	10.4	27.7	55.2	115	*186	*	532
08-Nov-2000	6	1.52	2.88	8.73	26.6	47.4	96.4	257	432	501
		1.72	3.23	11.7	26.7	51.7	106	255	392	468
09-Nov-2000	7	1.46	2.84	9.64	24.8	45.8	90.1	260	389	449
		1.71	3.48	11.5	27.8	53.0	102	253	472	495
10-Nov-2000	8	1.98	2.13	9.82	25.8	54.7	98.0	253	403	463
		**8.58	2.70	10.6	24.6	50.3	122	289	396	489
12-Nov-2000	9	1.61	3.09	10.1	24.6	50.3	99.6	250	376	487
		**2.67	3.15	10.2	27.0	51.5	104	269	420	504
13-Nov-2000	10	1.59	3.22	11.1	24.2	50.2	98.0	275	402	424
		1.60	2.96	11.2	26.3	44.9	99.5	264	403	549
14-Nov-2000	11	1.54	3.40	9.75	28.5	59.2	105	**138	391	445
		1.53	3.39	9.65	26.4	37.1	82.5	284	447	507
15-Nov-2000	12	1.85	2.88	7.98	22.3	44.4	99.5	270	364	465
		1.40	3.33	10.9	25.3	62.0	113	284	437	483
16-Nov-2000	13	1.72	2.88	11.9	28.4	56.9	93.4	282	419	502
		**5.99	2.81	9.59	25.7	48.4	80.6	281	336	506
20-Nov-2000	16	1.52	3.14	9.31	23.8	47.1	98.1	253	413	447
		1.72	2.88	12.4	27.4	48.8	107	267	407	520

* Sample deactivated due to preparation error

** Sample deactivated as an outlier

Table 11. Back-Calculated Concentrations of Calibration Standards for PFOSAA
(Continued)

Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.60	3.10	10.6	25.6	50.6	101	251	401	501
25-Mar-2001	17	1.67	2.93	10.8	29.8	52.5	103	255	420	500
		1.71	2.54	10.5	24.2	49.1	94.5	249	429	456
Mean		1.62	3.06	10.3	25.7	50.4	100	264	407	485
S.D.		0.164	0.333	1.08	2.24	5.03	8.84	14.0	29.0	27.9
%CV		10.1	10.9	10.5	8.7	10.0	8.8	5.3	7.1	5.8
%Bias		1.3	-1.3	-2.8	0.4	-0.4	-1.0	5.2	1.5	-3.2
n		25	28	28	28	28	28	26	27	28

Table 12. Back-Calculated Concentrations of Calibration Standards for PFOSAQuadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.00	2.50	10.0	25.0	50.0	100	250	400	500
31-Oct-2000	2	0.930	2.62	9.96	25.7	52.8	101	289	438	529
		1.06	2.48	9.45	24.1	47.2	100	229	362	453
01-Nov-2000	3	0.913	2.40	8.86	25.1	52.1	99.1	238	380	497
		1.10	2.56	9.78	26.7	50.4	104	255	432	491
04-Nov-2000	4	1.00	2.64	9.23	19.1	51.8	101	248	386	494
		0.998	2.33	11.5	26.1	53.7	105	241	399	525
06-Nov-2000	5	0.934	2.63	10.1	26.9	48.7	104	248	395	521
		1.03	2.60	9.67	25.7	48.4	86.1	*138	*	499
08-Nov-2000	6	0.992	2.63	8.92	28.0	49.4	104	261	413	545
		0.985	2.57	9.69	26.0	46.9	97.0	235	368	482
09-Nov-2000	7	1.04	2.71	10.4	28.9	50.5	105	271	444	521
		0.945	2.38	8.88	24.5	47.2	91.4	215	394	461
10-Nov-2000	8	1.12	2.15	10.7	27.9	52.5	103	259	424	522
		**1.67	2.04	10.1	23.6	47.1	105	252	366	467
12-Nov-2000	9	0.979	2.58	11.4	25.8	56.6	107	251	422	541
		1.00	2.53	9.14	22.1	45.8	91.7	232	385	473
13-Nov-2000	10	1.12	2.81	10.8	26.6	53.1	98.2	258	426	477
		0.850	2.32	9.74	25.9	43.7	85.7	245	390	521
15-Nov-2000	12	**1.61	3.03	8.79	26.1	50.1	114	294	416	544
		0.921	2.62	8.99	21.3	52.4	91.2	232	388	422
16-Nov-2000	13	0.788	2.06	8.94	24.4	47.6	86.3	234	385	479
		1.22	2.85	10.8	29.0	54.2	95.7	286	382	547
18-Nov-2000	14	0.965	2.39	10.0	24.9	47.2	102	240	466	438
		1.04	2.59	10.2	27.5	45.2	95.6	276	392	495

* Sample deactivated due to preparation error

** Sample deactivated as an outlier

Table 12. Back-Calculated Concentrations of Calibration Standards for PFOSA
(Continued)

Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.00	2.50	10.0	25.0	50.0	100	250	400	500
25-Mar-2001	17	0.900	2.36	10.3	28.0	48.3	101	236	410	505
		1.14	2.30	10.3	25.8	48.4	95.1	241	432	479
Mean		0.999	2.51	9.87	25.6	49.7	98.8	251	404	497
S.D.		0.0978	0.232	0.781	2.28	3.14	7.01	20.0	26.7	33.7
%CV		9.8	9.2	7.9	8.9	6.3	7.1	8.0	6.6	6.8
%Bias		-0.1	0.4	-1.3	2.4	-0.6	-1.2	0.4	1.0	-0.6
n		24	26	26	26	26	26	25	25	26

Table 13. Back-Calculated Concentrations of Calibration Standards for M556Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	2.50	10.0	25.0	50.0	100	250	400	500
31-Oct-2000	2	2.33	9.67	24.3	51.9	95.2	255	388	499
		2.70	9.81	25.8	49.3	104	249	438	470
01-Nov-2000	3	2.55	9.86	25.9	55.5	107	246	403	505
		2.48	9.52	23.6	47.4	96.2	241	421	478
04-Nov-2000	4	2.38	8.49	19.4	53.2	96.1	248	388	485
		2.63	11.8	26.4	52.2	104	263	416	500
06-Nov-2000	5	2.02	8.91	22.7	46.0	86.0	235	385	492
		2.98	10.7	28.8	58.2	107	*200	*	538
08-Nov-2000	6	2.28	8.40	26.1	46.3	98.1	255	413	494
		2.75	11.0	25.7	51.4	102	250	409	481
09-Nov-2000	7	2.51	9.73	25.7	49.3	95.5	253	400	488
		2.50	9.91	25.5	51.8	100	238	432	490
10-Nov-2000	8	2.37	9.94	23.7	47.6	97.9	244	402	487
		2.63	10.3	24.0	50.9	109	271	394	500
12-Nov-2000	9	2.61	9.22	23.4	50.6	97.8	233	376	499
		2.43	9.95	26.7	51.0	107	264	421	502
13-Nov-2000	10	2.52	10.3	25.5	52.3	96.5	261	429	458
		2.43	10.4	26.0	46.8	88.5	248	403	516
14-Nov-2000	11	2.77	9.58	27.2	57.3	103	**127	392	453
		2.33	8.48	24.2	**33.4	81.4	272	439	505
15-Nov-2000	12	2.46	8.06	22.9	46.3	105	276	388	483
		2.66	10.1	23.9	57.7	104	260	427	464
16-Nov-2000	13	2.70	10.0	27.2	53.3	92.8	255	414	499
		2.32	9.10	25.3	52.2	87.3	271	359	513
18-Nov-2000	14	2.69	9.91	23.3	48.0	96.4	242	434	454
		2.25	11.4	26.6	48.1	97.0	256	420	503

* Sample deactivated due to preparation error

** Sample deactivated as an outlier

Table 13. Back-Calculated Concentrations of Calibration Standards for M556 (Continued)Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	2.50	10.0	25.0	50.0	100	250	400	500
25-Mar-2001	17	2.71	10.1	27.4	51.0	99.1	247	420	507
		2.26	10.4	23.7	47.9	94.0	240	431	460
Mean		2.51	9.82	25.0	50.9	98.1	253	409	490
S.D.		0.205	0.872	1.90	3.49	6.83	11.9	20.5	20.2
%CV		8.2	8.9	7.6	6.9	7.0	4.7	5.0	4.1
%Bias		0.4	-1.8	0.0	1.8	-1.9	1.2	2.3	-2.0
n		28	28	28	27	28	26	27	28

Table 14. Back-Calculated Concentrations of Calibration Standards for M570Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.00	2.50	10.0	25.0	50.0	100	250	400	500
31-Oct-2000	2	0.828	2.29	10.1	23.6	48.1	93.7	262	392	486
		1.18	2.66	9.94	25.9	50.6	109	252	431	475
01-Nov-2000	3	1.07	2.22	9.01	25.2	54.1	100	239	383	485
		0.992	2.43	9.48	27.2	50.1	106	259	441	482
04-Nov-2000	4	0.974	2.74	8.15	18.7	49.4	96.4	239	389	466
		1.02	2.29	11.8	28.0	55.0	105	269	427	506
06-Nov-2000	5	0.930	2.09	9.52	23.9	44.9	97.3	234	384	486
		1.10	2.75	10.3	26.6	56.0	110	*183	*	538
08-Nov-2000	6	0.952	2.50	8.31	25.8	49.0	100	251	404	496
		1.08	2.35	10.6	25.7	51.9	107	249	404	488
09-Nov-2000	7	0.805	2.08	9.40	24.8	45.9	94.4	247	392	452
		1.23	2.66	10.6	27.0	53.8	105	246	463	499
10-Nov-2000	8	1.01	**0.653	9.16	24.3	52.0	98.0	240	403	468
		**6.51	**1.29	9.43	23.5	50.3	118	276	402	498
12-Nov-2000	9	0.964	2.40	9.29	23.1	48.8	96.7	235	375	482
		**1.93	2.89	9.84	25.7	53.4	105	264	432	510
13-Nov-2000	10	1.05	2.33	10.7	24.0	50.3	100	258	407	437
		1.03	2.13	10.9	27.1	45.7	98.2	258	401	543
14-Nov-2000	11	1.10	2.78	9.29	26.7	57.0	104	**133	399	440
		0.813	2.87	9.11	25.9	37.9	81.5	276	444	508
15-Nov-2000	12	**1.53	2.39	7.28	22.1	45.2	101	259	369	457
		1.02	2.62	10.3	25.2	62.8	112	269	439	495
16-Nov-2000	13	1.16	1.93	10.8	28.4	57.9	100	276	422	497
		1.03	1.83	9.19	26.1	52.0	83.4	275	340	495
20-Nov-2000	16	0.933	2.61	9.04	24.1	46.9	96.9	241	423	449
		1.10	2.13	12.0	26.1	48.4	107	260	404	523

* Sample deactivated due to preparation error

** Sample deactivated as an outlier

Table 14. Back-Calculated Concentrations of Calibration Standards for M570 (Continued)Quadratic weighted $1/x^2$. All concentrations are expressed as ppb.

Run Date	Run Number	1.00	2.50	10.0	25.0	50.0	100	250	400	500
25-Mar-2001	17	1.03	1.98	9.84	29.0	52.3	102	252	424	508
		1.05	**1.64	10.0	24.8	50.4	90.5	241	419	458
Mean		1.02	2.40	9.76	25.3	50.7	101	255	408	487
S.D.		0.106	0.304	1.03	2.09	4.84	7.92	13.4	26.4	26.9
%CV		10.4	12.7	10.6	8.3	9.5	7.8	5.3	6.5	5.5
%Bias		2.0	-4.0	-2.4	1.2	1.4	1.0	2.0	2.0	-2.6
n		25	25	28	28	28	28	26	27	28

Table 15. Analytical QC Summary for PFOS

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 6.40 ppb	Medium QC 126 ppb	High QC 332 ppb	Dilution QC 335 ppb DF=2
31-Oct-2000	2	6.62	129	323	
		6.18	135	322	
01-Nov-2000	3	6.79	125	369	
		7.16	124	354	
04-Nov-2000	4	6.57	131	314	
		6.63	130	322	
06-Nov-2000	5	6.03	105	291	
		5.30	122	283	
08-Nov-2000	6	6.70	147	343	
		5.98	128	320	
09-Nov-2000	7	6.00	137	302	
		5.96	108	293	
10-Nov-2000	8	6.36	136	323	
		6.38	134	318	
12-Nov-2000	9	6.18	132	299	
		6.31	127	304	
13-Nov-2000	10	6.71	139	327	
		6.38	136	312	
14-Nov-2000	11	5.31	136	322	
		6.73	133	294	
15-Nov-2000	12	6.50	141	319	320
		5.84	103	330	323
					350

Table 15. Analytical QC Summary for PFOS (Continued)

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 6.40 ppb	Medium QC 126 ppb	High QC 332 ppb	Dilution QC 335 ppb DF=2
16-Nov-2000	13	6.65	126	297	307
		5.98	129	319	312
					359
18-Nov-2000	14	5.87	130	338	335
		6.06	126	336	342
					345
25-Mar-2001	17	6.26	137	367	335
		5.95	135	349	338
					471
Mean		6.26	129	321	345
S.D.		0.430	10.1	22.1	42.6
%CV		6.9	7.8	6.9	12.3
%Theoretical		97.8	102.4	96.7	103.0
%Bias		-2.2	2.4	-3.3	3.0
n		28	28	28	12

Table 16. Analytical QC Summary for PFOA

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.81 ppb	Medium QC 145 ppb	High QC 385 ppb	Dilution QC 386 ppb DF=2
31-Oct-2000	2	4.87	156	399	
		4.90	147	380	
01-Nov-2000	3	4.78	144	396	
		4.68	144	408	
04-Nov-2000	4	5.51	149	384	
		5.09	159	383	
06-Nov-2000	5	4.45	140	342	
		5.10	147	368	
08-Nov-2000	6	4.81	154	423	
		4.18	159	388	
09-Nov-2000	7	4.22	147	369	
		4.15	130	356	
10-Nov-2000	8	4.23	154	375	
		4.66	160	385	
12-Nov-2000	9	4.72	151	382	
		5.45	150	353	
13-Nov-2000	10	5.05	159	391	
		4.80	158	353	
14-Nov-2000	11	4.19	153	371	
		4.67	155	371	
15-Nov-2000	12	4.09	158	419	396
		4.50	127	422	425
					406
16-Nov-2000	13	4.43	143	420	388
		4.65	160	421	391
					402

Table 16. Analytical QC Summary for PFOA (Continued)

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.81 ppb	Medium QC 145 ppb	High QC 385 ppb	Dilution QC 386 ppb DF=2
18-Nov-2000	14	3.92	147	386	392
		3.90	151	394	416
					381
25-Mar-2001	17	4.28	163	412	404
		4.06	159	422	401
					449
Mean		4.58	151	388	404
S.D.		0.432	8.80	23.6	18.6
%CV		9.4	5.8	6.1	4.6
%Theoretical		95.2	104.1	100.8	104.7
%Bias		-4.8	4.1	0.8	4.7
n		28	28	28	12

Table 17. Analytical QC Summary for PFHS

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.48 ppb	Medium QC 156 ppb	High QC 417 ppb	Dilution QC 418 ppb DF=2
31-Oct-2000	2	4.35	160	403	
		4.60	151	400	
01-Nov-2000	3	4.34	144	420	
		4.44	146	432	
04-Nov-2000	4	4.37	163	404	
		4.40	160	409	
06-Nov-2000	5	4.10	144	364	
		4.14	150	386	
08-Nov-2000	6	3.99	157	404	
		3.89	157	413	
09-Nov-2000	7	4.09	154	371	
		4.67	134	397	
10-Nov-2000	8	3.76	162	408	
		4.00	158	404	
12-Nov-2000	9	3.99	154	391	
		4.57	166	410	
13-Nov-2000	10	4.32	171	404	
		4.15	158	435	
14-Nov-2000	11	4.08	167	385	
		3.80	155	396	
15-Nov-2000	12	4.06	164	373	367
		3.84	150	400	365
					378
16-Nov-2000	13	3.63	146	401	418
		4.12	167	396	431
					401

Table 17. Analytical QC Summary for PFHS (Continued)

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.48 ppb	Medium QC 156 ppb	High QC 417 ppb	Dilution QC 418 ppb DF=2
18-Nov-2000	14	3.74	155	454	391
		3.85	148	397	401
					414
25-Mar-2001	17	3.85	153	448	390
		3.72	153	427	403
					449
Mean		4.10	155	405	401
S.D.		0.287	8.40	21.0	25.0
%CV		7.0	5.4	5.2	6.2
%Theoretical		91.5	99.4	97.1	95.9
%Bias		-8.5	-0.6	-2.9	-4.1
n		28	28	28	12

Table 18. Analytical QC Summary for PFOSAA

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.60 ppb	Medium QC 151 ppb	High QC 401 ppb	Dilution QC 401 ppb DF=2
31-Oct-2000	2	4.43	160	393	
		4.03	157	394	
01-Nov-2000	3	*5.84	150	485	
		5.21	172	488	
04-Nov-2000	4	4.26	151	391	
		4.10	162	388	
06-Nov-2000	5	3.77	136	366	
		4.18	138	356	
08-Nov-2000	6	5.22	176	443	
		4.35	157	434	
09-Nov-2000	7	3.50	153	359	
		3.93	128	409	
10-Nov-2000	8	4.23	163	415	
		4.55	181	430	
12-Nov-2000	9	4.15	153	380	
		5.55	172	389	
13-Nov-2000	10	5.24	151	415	
		5.06	172	323	
14-Nov-2000	11	3.71	168	399	
		4.52	150	371	
15-Nov-2000	12	*3.39	158	451	419
		3.70	116	427	491
					422
16-Nov-2000	13	4.10	137	419	401
		4.15	157	412	399
					424

* $\geq$ 25% deviation from theoretical

Table 18. Analytical QC Summary for PFOSAA (Continued)

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.60 ppb	Medium QC 151 ppb	High QC 401 ppb	Dilution QC 401 ppb DF=2
20-Nov-2000	16	3.81	164	361	411
		*3.24	155	472	414
					397
25-Mar-2001	17	4.86	173	429	426
		3.72	173	420	422
					*634
Mean		4.31	157	408	438
S.D.		0.667	15.3	39.4	66.3
%CV		15.5	9.7	9.7	15.1
%Theoretical		93.7	104.0	101.7	109.2
%Bias		-6.3	4.0	1.7	9.2
n		28	28	28	12

* $\geq \pm 25\%$ deviation from theoretical

Table 19. Analytical QC Summary for PFOSA

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.00 ppb	Medium QC 150 ppb	High QC 400 ppb	Dilution QC 400 ppb DF=2
31-Oct-2000	2	3.74	154	423	
		4.10	158	412	
01-Nov-2000	3	4.72	151	488	
		*5.03	161	471	
04-Nov-2000	4	4.16	147	401	
		4.04	158	433	
06-Nov-2000	5	3.66	127	357	
		3.49	155	342	
08-Nov-2000	6	4.75	183	462	
		4.15	145	423	
09-Nov-2000	7	4.05	164	371	
		3.70	126	350	
10-Nov-2000	8	4.38	166	419	
		4.58	164	412	
12-Nov-2000	9	4.65	163	363	
		4.20	153	363	
13-Nov-2000	10	4.76	172	422	
		4.74	172	357	
15-Nov-2000	12	4.27	171	432	421
		3.88	*111	443	455
					475
16-Nov-2000	13	4.54	150	369	350
		3.72	149	391	360
					453

* $\geq \pm 25\%$ deviation from theoretical

Table 19. Analytical QC Summary for PFOSA (Continued)

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.00 ppb	Medium QC 150 ppb	High QC 400 ppb	Dilution QC 400 ppb DF=2
18-Nov-2000	14	4.28	156	385	428
		4.23	147	417	423
					397
25-Mar-2001	17	4.50	180	450	437
		4.07	180	444	438
					*552
Mean		4.24	156	407	430
S.D.		0.399	16.6	39.4	51.3
%CV		9.4	10.6	9.7	11.9
%Theoretical		106.0	104.0	101.8	107.5
%Bias		6.0	4.0	1.8	7.5
n		26	26	26	12

* $\geq \pm 25\%$ deviation from theoretical

Table 20. Analytical QC Summary for M556

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.00 ppb	Medium QC 150 ppb	High QC 400 ppb	Dilution QC 400 ppb DF=2
31-Oct-2000	2	3.95	161	417	
		3.93	149	406	
01-Nov-2000	3	*4.81	163	449	
		4.62	171	*492	
04-Nov-2000	4	4.08	156	397	
		3.70	163	393	
06-Nov-2000	5	3.57	141	373	
		3.30	146	383	
08-Nov-2000	6	4.74	172	444	
		3.63	160	431	
09-Nov-2000	7	3.63	155	367	
		4.11	132	398	
10-Nov-2000	8	4.25	161	417	
		4.18	*182	423	
12-Nov-2000	9	3.56	158	384	
		4.00	176	404	
13-Nov-2000	10	4.49	164	421	
		4.29	175	357	
14-Nov-2000	11	3.36	163	394	
		4.51	157	384	
15-Nov-2000	12	*3.14	156	427	402
		3.56	*112	420	464
					416
16-Nov-2000	13	3.98	139	416	397
		3.81	154	407	385
					427

* $\geq$ 20% deviation from theoretical

Table 20. Analytical QC Summary for M556 (Continued)

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.00 ppb	Medium QC 150 ppb	High QC 400 ppb	Dilution QC 400 ppb DF=2
18-Nov-2000	14	3.87	150	382	416
		3.69	157	424	419
					406
25-Mar-2001	17	4.09	168	455	403
		3.52	162	434	392
					*627
Mean		3.94	157	411	430
S.D.		0.437	14.3	29.3	65.5
%CV		11.1	9.1	7.1	15.2
%Theoretical		98.5	104.7	102.8	107.5
%Bias		-1.5	4.7	2.8	7.5
n		28	28	28	12

* $\geq \pm 20\%$ deviation from theoretical

Table 21. Analytical QC Summary for M570

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.00 ppb	Medium QC 150 ppb	High QC 400 ppb	Dilution QC 400 ppb DF=2
31-Oct-2000	2	3.70	164	410	
		3.99	160	416	
01-Nov-2000	3	4.52	152	476	
		*5.13	178	*491	
04-Nov-2000	4	3.68	147	400	
		4.06	165	385	
06-Nov-2000	5	*3.10	133	362	
		3.60	146	379	
08-Nov-2000	6	4.48	*182	446	
		3.85	161	422	
09-Nov-2000	7	*3.13	154	364	
		3.51	131	409	
10-Nov-2000	8	*2.97	165	421	
		3.37	*184	427	
12-Nov-2000	9	3.94	154	384	
		4.30	173	397	
13-Nov-2000	10	4.12	158	420	
		*4.85	176	326	
14-Nov-2000	11	3.43	166	408	
		4.32	154	383	
15-Nov-2000	12	3.29	155	452	414
		3.64	*114	429	*490
					424
16-Nov-2000	13	3.25	141	423	413
		3.65	161	415	399
					435

* $\geq \pm 20\%$ deviation from theoretical

Table 21. Analytical QC Summary for M570 (Continued)

All concentrations are expressed as ppb.

Run Date	Run Number	Low QC 4.00 ppb	Medium QC 150 ppb	High QC 400 ppb	Dilution QC 400 ppb DF=2
20-Nov-2000	16	*2.76	169	372	415
		3.33	151	*484	421
					391
25-Mar-2001	17	3.20	165	461	383
		*2.89	159	411	400
					*648
Mean		3.72	158	413	436
S.D.		0.596	15.6	38.1	72.1
%CV		16.0	9.9	9.2	16.5
%Theoretical		93.0	105.3	103.3	109.0
%Bias		-7.0	5.3	3.3	9.0
n		28	28	28	12

* $\geq \pm 20\%$ deviation from theoretical

Table 22. Study Sample Concentrations

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0021	11.1	2.13	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0056	27.1	5.79	3.72	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0087	18.1	3.95	1.99	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	5.15
0104	67.3	6.14	3.82	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	3.28
0109	19.4	2.65	6.12	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	6.55
0122	36.8	3.35	4.28	4.54	<LLOQ(1.00)	2.7	<LLOQ(1.00)
0123	29.0	3.37	<LLOQ(1.36)	3.03	<LLOQ(1.00)	4.62	2.37
0126	39.6	3.77	10.4	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	1.74
0127	42.8	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
0128	81.2	5.60	21.2	5.50	<LLOQ(1.00)	7.33	4.81
0131	68.0	4.68	28.1	5.45	<LLOQ(1.00)	6.1	1.53
0133	65.2	6.91	21.6	2.11	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0136	83.8	8.65	180	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0149	39.3	2.94	25.7	2.33	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0151	29.8	5.00	11.0	3.11	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0167	77.6	7.70	1.81	6.32	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0174	36.1	3.85	7.09	4.06	<LLOQ(1.00)	<LLOQ(2.50)	1.91

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0187	31.1	3.56	<LLOQ(1.36)	3.69	<LLOQ(1.00)	<LLOQ(2.50)	2.04
0192	35.7	6.93	6.05	6.66	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0193	90.2	6.41	71.3	3.14	<LLOQ(1.00)	3.58	<LLOQ(1.00)
0194	24.5	4.44	1.41	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0196	11.6	1.95	<LLOQ(1.36)	1.64	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0197	38.9	5.46	<LLOQ(1.36)	4.95	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0198	71.9	7.43	<LLOQ(1.36)	4.12	<LLOQ(1.00)	5.94	7.26
0199	54.8	7.37	30.0	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	2.42
0210	33.9	5.44	4.14	4.76	<LLOQ(2.00)	7.16	5.03
0216	38.2	4.79	3.12	2.42	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0217	43.6	5.16	6.86	5.34	<LLOQ(1.00)	5.59	<LLOQ(1.00)
0228	16.6	3.89	6.83	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0229	122	10.4	145	4.93	<LLOQ(1.00)	4.35	<LLOQ(1.00)
0230	No result (Insufficient sample volume)	No result (Insufficient sample volume)	No result (Insufficient sample volume)	No result (Insufficient sample volume)	No result (Insufficient sample volume)	No result (Insufficient sample volume)	No result (Insufficient sample volume)
0231	93.9	7.8	17.8	6.07	<LLOQ(1.00)	8.55	23

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0247	42.4	2.92	11.4	3.19	<LLOQ(1.00)	2.88	1.06
0250	37.7	6.11	2.51	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	2.67
0251	51.3	4.32	16.1	3.11	<LLOQ(1.00)	4.94	3.11
0259	38.3	5.07	11.3	2.04	<LLOQ(1.00)	5.88	<LLOQ(1.00)
0269	92.3	8.71	75.4	15.3	<LLOQ(1.00)	8.4	5.16
0270	25.7	5.09	<LLOQ(1.36)	4.54	<LLOQ(1.00)	4.42	1
0290	28.7	4.08	3.23	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	2.53
0296	23.3	4.28	<LLOQ(1.36)	2.62	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0308	23.7	3.56	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	3.54	1.36
0315	94.2	4.74	11.2	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	2.15
0329	29.6	2.66	4.60	<LLOQ(1.60)	<LLOQ(1.00)	3.21	2
0341	53.0	4.89	2.33	6.61	<LLOQ(1.00)	3.77	2.59
0342	38.3	5.88	<LLOQ(1.36)	1.98	<LLOQ(1.00)	<LLOQ(2.50)	1.28
0344	31.1	3.26	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
0356	45.8	7.85	1.50	4.37	<LLOQ(1.00)	9.71	26.6
0358	30.0	4.32	2.27	3.53	<LLOQ(1.00)	<LLOQ(2.50)	1.3
0365	26.8	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0366	41.5	4.88	<LLOQ(1.36)	3.94	<LLOQ(1.00)	<LLOQ(2.50)	1.48
0367	67.7	7.21	4.78	4.85	<LLOQ(1.00)	<LLOQ(2.50)	1.49
0370	87.4	9.35	37.4	7.33	<LLOQ(1.00)	3.82	6.63
0385	50.2	9.02	7.08	1.97	<LLOQ(1.00)	<LLOQ(2.50)	3.74
0386	96.5	6.85	74.1	3.24	<LLOQ(1.00)	3.35	8.3
0387	56.5	6.83	35.3	3.28	<LLOQ(1.00)	2.56	1.47
0388	24.2	3.46	1.94	2.09	<LLOQ(1.00)	<LLOQ(2.50)	3.69
0398	31.4	2.61	4.32	3.20	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0404	69.1	4.27	49.3	5.10	<LLOQ(1.00)	2.61	1.17
0405	77.2	6.62	24.3	4.54	<LLOQ(1.00)	3.29	10.1
0407	17.8	2.46	<LLOQ(1.36)	3.79	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0410	49.3	4.94	2.54	8.78	<LLOQ(1.00)	<LLOQ(2.50)	2.48
0411	106	5.78	33.9	8.72	<LLOQ(1.00)	<LLOQ(2.50)	3.19
0415	53.2	5.21	41.3	4.39	<LLOQ(1.00)	<LLOQ(2.50)	4.12
0420	35.7	5.49	2.61	3.26	<LLOQ(1.00)	<LLOQ(2.50)	1.74
0421	65.9	5.63	2.20	9.82	<LLOQ(1.00)	<LLOQ(2.50)	4.25
0423	184	9.20	89.3	6.71	<LLOQ(1.00)	<LLOQ(2.50)	3.29

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0425	31.9	6.79	5.36	4.17	<LLOQ(1.00)	3.21	4.8
0432	46.1	7.06	3.05	4.62	<LLOQ(1.00)	3.82	1.78
0456	34.4	8.30	3.69	3.01	<LLOQ(1.00)	<LLOQ(2.50)	3.09
0463	34.7	3.97	7.64	3.61	<LLOQ(1.00)	<LLOQ(2.50)	3.42
0465	42.5	6.90	6.21	3.28	<LLOQ(1.00)	<LLOQ(2.50)	4.35
0466	27.3	4.03	6.75	3.56	<LLOQ(1.00)	2.58	4.73
0470	34.4	4.39	3.21	3.54	<LLOQ(1.00)	<LLOQ(2.50)	2.28
0476	124	14.6	7.36	11.3	<LLOQ(1.00)	9.59	31
0478	56.7	9.05	34.8	5.59	<LLOQ(1.00)	3.46	19.7
0493	106	7.56	50.5	8.83	<LLOQ(1.00)	9.45	1.84
0495	52.0	6.14	3.11	3.50	<LLOQ(1.00)	<LLOQ(2.50)	2.83
0498	63.4	5.19	18.1	4.17	<LLOQ(1.00)	3.83	2.71
0499	27.6	5.28	2.98	4.52	<LLOQ(1.00)	2.74	2.27
0500	59.9	4.72	21.2	8.94	<LLOQ(1.00)	5.88	2
0521	31.9	11.0	6.52	5.31	<LLOQ(1.00)	<LLOQ(2.50)	3.01
0524	59.5	7.20	37.5	3.44	<LLOQ(1.00)	3.26	4.14
0526	46.9	4.29	2.07	11.2	<LLOQ(1.00)	8.22	6.39

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0527	15.4	2.52	4.78	4.18	<LLOQ(1.00)	<LLOQ(2.50)	3.38
0528	30.3	5.10	17.0	2.09	<LLOQ(1.00)	2.66	4.46
0530	98.1	8.12	150	11.5	<LLOQ(1.00)	5.91	1.62
0531	97.9	6.43	72.0	10.3	<LLOQ(1.00)	3.67	1.71
0532	38.1	6.81	11.0	1.84	<LLOQ(1.00)	<LLOQ(2.50)	1.02
0534	34.6	4.39	5.63	2.59	<LLOQ(1.00)	2.8	1.66
0541	54.0	6.88	1.70	5.55	<LLOQ(1.00)	3.24	5.05
0542	29.5	5.18	<LLOQ(1.36)	5.11	<LLOQ(1.00)	3.15	4.13
0545	36.9	8.01	7.32	2.68	<LLOQ(1.00)	2.79	3.66
0548	75.7	9.00	52.0	3.98	<LLOQ(1.00)	<LLOQ(2.50)	2.13
0572	20.4	3.00	<LLOQ(1.36)	8.92	<LLOQ(1.00)	3.25	1.75
0578	77.6	7.66	80.6	4.48	<LLOQ(1.00)	5.4	1.27
0583	70.1	5.54	14.6	12.9	<LLOQ(1.00)	6.81	5.09
0585	64.8	6.25	34.5	4.82	<LLOQ(1.00)	2.82	4.5
0586	39.5	5.73	20.5	1.82	<LLOQ(1.00)	<LLOQ(2.50)	3
0587	58.2	7.36	22.0	9.06	<LLOQ(1.00)	<LLOQ(2.50)	6.77
0588	46.0	5.77	11.6	3.59	<LLOQ(1.00)	<LLOQ(2.50)	1.7

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0589	31.0	7.57	3.71	2.84	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0590	33.4	6.37	8.80	9.81	<LLOQ(1.00)	9.8	4.02
0592	35.1	3.15	1.75	2.99	<LLOQ(1.00)	<LLOQ(2.50)	2.22
0593	165	7.94	129	2.40	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0598	25.6	5.40	1.91	2.56	<LLOQ(1.00)	4.05	4.75
0599	77.1	7.44	21.8	6.25	<LLOQ(1.00)	4.42	5.91
0604	18.0	3.54	2.85	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	1.5
0606	37.6	5.71	2.84	4.69	<LLOQ(1.00)	4.11	7.17
0607	48.2	5.72	2.55	10.3	<LLOQ(1.00)	7	2.82
0608	52.3	8.01	1.82	8.98	<LLOQ(1.00)	3.42	3.57
0610	29.0	5.36	7.30	4.23	<LLOQ(1.00)	3.38	11.8
0611	20.3	2.19	<LLOQ(1.36)	3.66	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0621	23.2	4.57	3.13	3.95	<LLOQ(1.00)	<LLOQ(2.50)	2.12
0627	72.7	4.65	20.0	5.02	<LLOQ(1.00)	<LLOQ(2.50)	1.51
0628	29.8	2.64	<LLOQ(1.36)	6.26	<LLOQ(1.00)	2.64	3.69
0629	37.6	4.86	<LLOQ(1.36)	8.71	<LLOQ(1.00)	2.55	<LLOQ(1.00)
0631	54.5	7.68	11.4	6.72	<LLOQ(1.00)	4.63	<LLOQ(1.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0649	28.8	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
0657	27.4	5.90	6.25	3.71	<LLOQ(1.00)	3.25	3.78
0658	19.7	2.91	<LLOQ(1.36)	2.34	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0664	55.1	3.80	3.80	4.67	<LLOQ(1.00)	<LLOQ(2.50)	1.26
0665	31.9	4.96	4.68	3.36	<LLOQ(1.00)	<LLOQ(2.50)	2.14
0666	16.3	3.17	<LLOQ(1.36)	3.19	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0667	57.8	7.41	37.1	3.95	<LLOQ(1.00)	<LLOQ(2.50)	6.96
0673	34.3	4.21	1.38	8.58	<LLOQ(1.00)	3.4	5.39
0676	25.6	4.91	1.64	4.54	<LLOQ(1.00)	<LLOQ(2.50)	3.56
0678	50.0	7.09	7.21	11.2	<LLOQ(1.00)	3.7	7.87
0679	30.2	3.16	<LLOQ(1.36)	5.15	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0680	44.6	5.80	2.35	9.12	<LLOQ(1.00)	4.86	2.92
0681	31.9	4.81	5.19	4.18	<LLOQ(1.00)	<LLOQ(2.50)	2.06
0689	40.1	5.35	<LLOQ(1.36)	3.97	<LLOQ(1.00)	2.91	6.03
0695	28.1	4.08	2.65	5.70	<LLOQ(1.00)	3.46	<LLOQ(1.00)
0697	27.8	4.29	1.56	3.65	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0700	17.8	3.90	1.83	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0711	8.76	2.02	<LLOQ(1.36)	2.23	<LLOQ(1.00)	3.63	<LLOQ(1.00)
0712	19.5	2.54	<LLOQ(1.36)	3.76	<LLOQ(1.00)	<LLOQ(2.50)	2.93
0713	32.4	4.34	<LLOQ(1.36)	2.71	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0714	23.3	2.78	1.96	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	1.61
0719	34.8	3.82	1.82	4.90	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0720	42.7	5.26	4.88	3.05	<LLOQ(1.00)	8.87	4.44
0721	37.8	4.97	8.24	5.34	<LLOQ(1.00)	<LLOQ(2.50)	1.19
0723	32.2	4.87	9.44	4.95	<LLOQ(1.00)	5.36	<LLOQ(1.00)
0725	26.9	5.17	1.42	8.99	<LLOQ(1.00)	2.66	<LLOQ(1.00)
0741	33.3	4.36	1.85	3.66	<LLOQ(1.00)	2.95	2.51
0748	22.0	6.00	5.04	3.67	<LLOQ(1.00)	3.76	1.81
0752	16.7	2.46	<LLOQ(1.36)	3.52	<LLOQ(1.00)	<LLOQ(2.50)	1.34
0753	37.1	4.67	1.38	2.96	<LLOQ(1.00)	<LLOQ(2.50)	5.36
0754	33.6	5.63	<LLOQ(1.36)	5.97	<LLOQ(1.00)	5.12	<LLOQ(1.00)
0763	35.7	5.05	7.10	4.60	<LLOQ(1.00)	<LLOQ(2.50)	1.13
0769	19.5	3.40	4.87	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0771	81.0	4.88	2.43	3.34	<LLOQ(1.00)	3.38	14.2

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0774	27.9	2.49	3.65	5.19	<LLOQ(1.00)	<LLOQ(2.50)	3.25
0775	41.4	9.11	8.85	5.06	<LLOQ(1.00)	7.2	14.3
0779	27.9	4.44	8.86	2.04	<LLOQ(1.00)	2.87	1.3
0783	28.8	7.14	3.50	5.92	<LLOQ(1.00)	<LLOQ(2.50)	4.58
0784	39.1	5.65	9.21	3.27	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0785	70.6	6.97	41.3	1.71	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0788	51.1	7.34	36.4	3.87	<LLOQ(1.00)	3.1	<LLOQ(1.00)
0792	54.2	5.54	4.68	3.18	<LLOQ(1.00)	<LLOQ(2.50)	3.73
0795	32.3	5.70	9.86	2.05	<LLOQ(1.00)	4.47	1.59
0796	17.6	4.61	3.11	<LLOQ(1.60)	<LLOQ(1.00)	3.93	1.42
0798	40.2	4.33	2.55	7.35	<LLOQ(1.00)	4.28	<LLOQ(1.00)
0799	54.4	3.54	3.60	4.12	<LLOQ(1.00)	3.21	8.16
0800	34.1	5.98	<LLOQ(1.36)	6.89	<LLOQ(1.00)	2.7	<LLOQ(1.00)
0813	12.2	3.84	4.31	2.20	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0814	40.7	5.47	2.39	5.76	<LLOQ(1.00)	4.44	<LLOQ(1.00)
0823	56.3	6.59	1.70	3.78	<LLOQ(1.00)	6.58	8.26
0829	41.8	4.36	13.2	5.30	<LLOQ(1.00)	3.15	1.83

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0830	32.0	6.12	3.80	10.3	<LLOQ(1.00)	5.92	18.4
0840	49.7	5.70	2.71	2.96	<LLOQ(1.00)	3.55	5.64
0841	33.1	5.68	19.5	6.56	<LLOQ(1.00)	2.82	3.54
0845	67.7	5.77	5.21	20.7	<LLOQ(1.00)	15.5	4.44
0846	39.3	4.44	2.04	7.87	<LLOQ(1.00)	5.82	<LLOQ(1.00)
0848	27.2	3.26	2.77	4.27	<LLOQ(1.00)	2.91	1.7
0849	33.4	3.76	3.24	3.86	<LLOQ(1.00)	2.75	1.55
0859	59.5	8.31	12.6	6.56	<LLOQ(1.00)	4.46	3.22
0864	74.3	4.23	13.0	2.25	<LLOQ(1.00)	4.02	9.81
0866	43.8	9.42	18.5	2.10	<LLOQ(1.00)	<LLOQ(2.50)	3.24
0867	26.7	3.86	8.01	2.01	<LLOQ(1.00)	<LLOQ(2.50)	1.98
0869	31.7	6.81	<LLOQ(1.36)	4.79	<LLOQ(1.00)	6.17	<LLOQ(1.00)
0872	58.1	6.46	3.48	9.96	<LLOQ(1.00)	<LLOQ(2.50)	7.85
0876	50.1	6.10	6.68	3.75	<LLOQ(1.00)	<LLOQ(2.50)	1.42
0880	71.7	8.95	5.35	5.84	<LLOQ(1.00)	<LLOQ(2.50)	26.7
0881	45.7	3.92	<LLOQ(1.36)	6.01	<LLOQ(1.00)	4.09	<LLOQ(1.00)
0883	42.8	5.09	18.4	6.14	<LLOQ(1.00)	<LLOQ(2.50)	2.93

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
0890	17.3	3.80	3.91	2.69	<LLOQ(1.00)	<LLOQ(2.50)	1
0906	36.3	4.47	<LLOQ(1.36)	21.7	<LLOQ(1.00)	3.81	1.55
0907	59.4	6.43	7.14	4.84	<LLOQ(1.00)	10.5	9.95
0909	36.8	4.09	<LLOQ(1.36)	4.41	<LLOQ(1.00)	<LLOQ(2.50)	1.11
0910	24.4	3.13	1.87	7.23	<LLOQ(1.00)	6.52	<LLOQ(1.00)
0916	17.6	2.85	<LLOQ(1.36)	2.11	<LLOQ(1.00)	<LLOQ(2.50)	1.08
0922	40.7	8.18	<LLOQ(1.36)	8.51	<LLOQ(1.00)	3.6	1.7
0928	74.6	6.55	43.2	3.86	<LLOQ(1.00)	<LLOQ(2.50)	4.28
0937	39.3	3.61	2.69	6.95	<LLOQ(1.00)	3.65	2.91
0938	43.9	7.20	1.67	4.06	<LLOQ(1.00)	5.07	1.54
0950	24.8	4.90	5.34	5.12	<LLOQ(1.00)	4.11	1.31
0953	30.3	8.51	1.47	5.69	<LLOQ(1.00)	4.28	3.79
0956	27.5	3.62	<LLOQ(1.36)	2.24	<LLOQ(1.00)	<LLOQ(2.50)	1.8
0970	40.4	6.62	6.18	9.69	<LLOQ(1.00)	2.66	2.95
0971	11.4	2.62	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
0986	20.1	2.57	<LLOQ(1.36)	2.46	<LLOQ(1.00)	<LLOQ(2.50)	1.51
0987	58.2	4.35	3.94	16.2	<LLOQ(1.00)	3.42	9.05

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1001	21.7	3.25	<LLOQ(1.36)	1.64	<LLOQ(1.00)	<LLOQ(2.50)	2.32
1003	18.0	3.52	2.18	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1005	26.8	5.39	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	4.31
1012	27.4	2.47	1.44	4.07	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1013	38.0	5.45	3.46	3.90	<LLOQ(1.00)	<LLOQ(2.50)	2.6
1017	16.8	3.46	<LLOQ(1.36)	7.37	<LLOQ(1.00)	3.14	2.29
1019	39.9	7.16	2.54	5.58	<LLOQ(1.00)	<LLOQ(2.50)	7.97
1021	25.6	9.81	5.11	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	3.71
1023	28.9	3.01	<LLOQ(1.36)	6.14	<LLOQ(1.00)	2.54	3.03
1029	86.4	6.18	74.2	3.18	<LLOQ(1.00)	<LLOQ(2.50)	2.1
1030	23.8	3.89	<LLOQ(1.36)	5.10	<LLOQ(1.00)	2.68	1.51
1039	325	56.1	416	3.62	<LLOQ(1.00)	4.01	7.76
1042	50.7	5.06	39.6	3.21	<LLOQ(1.00)	<LLOQ(2.50)	3.6
1044	81.4	8.05	51.9	5.79	<LLOQ(1.00)	4.25	1.92
1048	25.1	6.33	2.94	2.94	<LLOQ(1.00)	<LLOQ(2.50)	4.21
1053	66.6	4.25	35.7	3.45	<LLOQ(1.00)	<LLOQ(2.50)	2.45
1057	62.8	8.62	6.40	7.90	<LLOQ(1.00)	4.05	17.8

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1059	27.9	4.09	<LLOQ(1.36)	7.44	<LLOQ(1.00)	5.33	<LLOQ(1.00)
1067	45.1	5.32	10.4	3.17	<LLOQ(1.00)	<LLOQ(2.50)	1.01
1068	19.5	3.11	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	1.58
1070	22.4	3.57	9.07	2.72	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1072	43.2	6.22	1.92	6.89	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1073	33.6	2.64	2.19	7.83	<LLOQ(1.00)	<LLOQ(2.50)	3.69
1082	48.2	4.66	7.91	4.62	<LLOQ(1.00)	5.99	3.6
1085	38.2	3.43	1.59	2.98	<LLOQ(1.00)	<LLOQ(2.50)	1.83
1088	31.3	6.98	1.77	2.16	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1090	50.9	5.85	12.4	4.99	<LLOQ(1.00)	<LLOQ(2.50)	6.28
1101	32.8	2.90	9.41	1.73	<LLOQ(1.00)	2.97	5.83
1104	62.6	5.63	13.3	6.31	<LLOQ(1.00)	5.8	2.25
1113	20.2	3.08	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1115	40.4	5.04	36.2	1.74	<LLOQ(1.00)	<LLOQ(2.50)	1.4
1117	46.5	3.09	<LLOQ(1.36)	6.89	<LLOQ(1.00)	<LLOQ(2.50)	1.91
1121	48.7	5.60	2.60	5.10	<LLOQ(1.00)	4.01	4.77
1122	36.5	5.40	11.9	2.96	<LLOQ(1.00)	<LLOQ(2.50)	2.5

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1124	20.7	4.35	4.70	2.13	<LLOQ(1.00)	<LLOQ(2.50)	3.15
1126	33.1	4.90	10.4	5.66	<LLOQ(1.00)	2.5	4.22
1129	52.0	6.85	4.55	4.24	<LLOQ(1.00)	<LLOQ(2.50)	5.69
1133	26.7	4.15	20.3	1.79	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1136	27.1	4.21	2.00	6.23	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1144	30.1	4.59	3.47	5.01	<LLOQ(1.00)	<LLOQ(2.50)	1.88
1147	30.1	5.51	2.39	7.87	<LLOQ(1.00)	3.29	2.15
1152	17.7	4.33	3.25	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	1.56
1153	31.3	4.28	8.63	2.27	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1154	22.5	3.61	2.44	4.08	<LLOQ(1.00)	<LLOQ(2.50)	2.31
1155	31.7	3.71	<LLOQ(1.36)	5.29	<LLOQ(1.00)	4.01	1.69
1157	53.0	4.38	11.5	2.51	<LLOQ(1.00)	<LLOQ(2.50)	3.28
1166	34.8	5.80	10.5	5.60	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1168	53.7	5.22	2.86	3.61	<LLOQ(1.00)	4.33	12.5
1171	55.2	5.21	2.57	9.22	<LLOQ(1.00)	6.36	17
1172	118	11.9	4.07	5.94	<LLOQ(1.00)	14.9	48
1173	43.4	11.0	9.77	4.22	<LLOQ(1.00)	<LLOQ(2.50)	6.27

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1174	39.6	5.35	17.2	8.52	<LLOQ(1.00)	4.4	1.97
1175	28.6	3.95	<LLOQ(1.36)	3.23	<LLOQ(1.00)	<LLOQ(2.50)	1.01
1177	73.8	9.51	14.3	3.66	<LLOQ(1.00)	4.76	13.4
1178	51.5	4.87	1.74	17.0	<LLOQ(1.00)	6.17	3.45
1179	49.0	6.85	18.3	6.21	<LLOQ(1.00)	5.77	7.04
11797	27.9	3.37	8.71	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11798	69.7	9.74	58.2	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11799	142	22.1	268	6.31	<LLOQ(2.00)	11.9	16.9
11800	131	7.13	82.9	5.26	<LLOQ(2.00)	<LLOQ(5.00)	10.8
11801	42.9	6.52	10.4	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11802	647	23.3	873	3.02	<LLOQ(2.00)	13.7	4.4
11803	110	8.61	80.8	15.4	<LLOQ(2.00)	6.01	2.92
11804	120	9.03	181	2.90	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11805	90.2	9.64	65.5	3.51	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11806	98.9	7.51	44.7	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11807	66.6	5.74	44.3	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11808	54.1	5.57	21.8	3.76	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
11809	418	70.0	484	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	5.52
11810	21.8	3.56	5.99	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11811	90.9	6.70	136	7.90	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11812	199	11.4	109	2.98	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11813	39.7	5.69	12.5	2.72	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11814	419	65.6	469	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	6.64
11815	47.3	7.47	8.13	10.0	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11816	88.5	19.5	19.3	6.18	<LLOQ(2.00)	7.38	35.1
11817	81.5	6.05	142	5.47	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11818	143	10.2	105	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11819	68.9	7.35	5.17	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	10.9
1182	38.1	4.26	13.0	5.36	<LLOQ(2.00)	<LLOQ(5.00)	2
11820	118	9.34	167	3.00	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11821	26.0	<LLOQ(2.88)	6.77	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11822	52.5	5.09	19.9	4.90	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11823	28.8	<LLOQ(2.88)	<LLOQ(2.41)	3.24	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11824	52.6	6.65	<LLOQ(2.41)	3.83	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
11825	92.1	20.54	20.9	7.02	<LLOQ(2.00)	8.74	35.6
11826	46.1	5.32	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11827	131	8.71	101	15.7	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11828	164	7.63	132	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11829	83.9	6.91	24.1	5.09	<LLOQ(2.00)	<LLOQ(5.00)	2.4
1183	57.7	11.6	21.8	2.39	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
11830	34.7	4.13	5.53	4.52	<LLOQ(2.00)	<LLOQ(5.00)	3.32
11831	28.1	3.05	6.04	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11832	32.0	3.19	7.86	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11833	188	18.5	228	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11834	76.6	5.97	7.85	3.23	<LLOQ(2.00)	13.5	9.14
11835	685	23.0	933	2.65	<LLOQ(2.00)	13.8	6.01
11836	55.9	6.43	<LLOQ(2.41)	3.55	<LLOQ(2.00)	<LLOQ(5.00)	11.3
11837	160	7.44	135	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11838	17.6	3.40	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11839	101	25.9	20.2	8.27	<LLOQ(2.00)	9.47	45.4
1184	37.1	5.07	1.44	1.70	<LLOQ(1.00)	<LLOQ(2.50)	2.63

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
11840	42.2	8.99	2.56	3.58	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11841	127	9.54	171	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11842	74.8	5.40	<LLOQ(2.41)	8.33	<LLOQ(2.00)	<LLOQ(5.00)	2.17
11843	146	10.8	108	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11844	29.7	3.47	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11845	196	20.2	235	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11846	88.0	6.77	141	7.35	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11847	14.9	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11848	162	21.9	274	7.77	<LLOQ(2.00)	16	21.9
11849	145	13.6	64.0	19.7	<LLOQ(2.00)	15.4	3.76
11850	613	22.5	864	<LLOQ(2.60)	<LLOQ(2.00)	13	4.31
11851	54.1	4.76	12.9	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	29.9
11852	170	7.44	135	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11853	431	67.2	490	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	7.19
11854	93.1	15.9	10.5	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	2.17
11855	103	19.6	20.8	8.05	<LLOQ(2.00)	9.46	<LLOQ(2.00)
11856	20.3	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
11857	199	20.0	241	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
11858	144	20.8	257	4.69	<LLOQ(2.00)	12.1	18.7
1186	39.3	10.2	1.89	6.23	<LLOQ(1.00)	2.79	1.14
1199	62.2	8.64	3.15	6.64	<LLOQ(1.00)	5.76	9.65
1214	44.2	5.55	33.9	2.93	<LLOQ(1.00)	2.61	4.3
1217	70.7	6.72	42.4	4.53	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1229	37.7	3.05	<LLOQ(1.36)	18.2	<LLOQ(1.00)	6.33	1.56
1232	53.5	6.70	2.97	6.98	<LLOQ(1.00)	4.46	13.8
1239	37.5	3.46	6.45	5.56	<LLOQ(1.00)	<LLOQ(2.50)	4.45
1240	67.6	10.3	3.47	14.3	<LLOQ(1.00)	4.12	6.12
1248	42.7	4.40	2.83	4.44	<LLOQ(1.00)	3.09	1.77
1254	35.4	5.44	1.38	3.26	<LLOQ(1.00)	<LLOQ(2.50)	1.81
1255	97.9	9.80	61.4	2.97	<LLOQ(1.00)	3.24	3.22
1261	47.5	6.27	2.50	2.09	<LLOQ(1.00)	3.59	3.44
1264	51.5	8.51	9.61	4.71	<LLOQ(1.00)	5.35	6.9
1269	78.1	16.4	76.5	3.62	<LLOQ(1.00)	3.34	2.48
1273	72.1	7.52	4.10	11.6	<LLOQ(1.00)	4.91	5.23

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1291	37.9	6.74	2.52	6.93	<LLOQ(1.00)	<LLOQ(2.50)	3.56
1294	119	17.5	220	6.71	<LLOQ(1.00)	13.1	16.3
1296	39.9	4.74	9.16	18.7	<LLOQ(1.00)	6.84	7.38
1299	27.7	6.57	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	1.9
1311	36.0	6.05	3.67	5.39	<LLOQ(1.00)	<LLOQ(2.50)	1.12
1314	51.7	5.35	18.1	7.14	<LLOQ(1.00)	5.59	1.05
1323	95.4	15.1	10.5	5.54	<LLOQ(1.00)	<LLOQ(2.50)	5.85
1337	65.4	6.41	5.46	9.47	<LLOQ(1.00)	5.09	3.93
1339	27.8	7.17	<LLOQ(1.36)	2.26	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1356	24.3	3.15	1.58	3.27	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1358	37.1	3.96	1.60	9.17	<LLOQ(1.00)	6.09	1.31
1364	33.3	5.10	3.19	6.95	<LLOQ(1.00)	5.4	<LLOQ(1.00)
1368	61.7	13.3	8.18	3.93	<LLOQ(1.00)	5.84	19.6
1372	34.8	5.88	<LLOQ(1.36)	6.66	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1387	35.0	6.76	3.26	4.53	<LLOQ(1.00)	2.96	3.67
1393	134	7.71	88.2	7.42	<LLOQ(1.00)	4.44	2.52
1395	110	11.6	129	9.89	<LLOQ(1.00)	2.6	<LLOQ(1.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1398	37.6	8.55	4.44	5.02	<LLOQ(1.00)	<LLOQ(2.50)	3.69
1400	32.5	5.00	1.49	3.17	<LLOQ(1.00)	<LLOQ(2.50)	1.25
1407	24.3	2.84	2.57	5.69	<LLOQ(1.00)	<LLOQ(2.50)	1.54
1408	34.7	3.96	4.19	4.69	<LLOQ(1.00)	2.73	1.84
1409	34.0	3.92	1.58	3.88	<LLOQ(1.00)	3.48	1.06
1410	21.3	3.41	<LLOQ(1.36)	3.40	<LLOQ(1.00)	2.74	1.42
1411	31.5	4.76	2.52	4.26	<LLOQ(1.00)	<LLOQ(2.50)	3.85
1412	35.1	4.58	7.03	14.1	<LLOQ(1.00)	5.44	4.53
1418	36.2	6.24	<LLOQ(1.36)	10.4	<LLOQ(1.00)	5.77	<LLOQ(1.00)
1420	34.5	4.71	6.13	5.18	<LLOQ(1.00)	2.77	<LLOQ(1.00)
1423	22.7	5.08	5.63	1.82	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1424	29.3	2.69	1.47	2.47	<LLOQ(1.00)	<LLOQ(2.50)	1.52
1427	17.6	3.34	<LLOQ(1.36)	4.95	<LLOQ(1.00)	<LLOQ(2.50)	1.98
1431	27.6	5.68	5.81	4.45	<LLOQ(1.00)	4.54	1.42
1433	20.3	2.88	<LLOQ(1.36)	1.89	<LLOQ(1.00)	<LLOQ(2.50)	1.24
1435	19.0	3.48	4.19	2.60	<LLOQ(1.00)	<LLOQ(2.50)	1.72
1438	56.9	5.83	22.4	2.91	<LLOQ(1.00)	2.72	2.46

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1439	20.1	4.77	9.34	3.57	<LLOQ(1.00)	5.46	2.87
1448	64.8	5.35	21.8	9.13	<LLOQ(1.00)	4.43	<LLOQ(1.00)
1455	16.7	3.23	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1461	41.3	6.21	19.2	2.71	<LLOQ(1.00)	3.34	2.98
1467	18.2	3.30	5.74	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1468	16.6	2.66	3.46	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1470	36.2	8.05	5.69	4.97	<LLOQ(1.00)	4.3	4.88
1472	32.4	5.55	1.77	1.71	<LLOQ(1.00)	2.88	1.23
1482	59.4	4.88	17.2	18.3	<LLOQ(1.00)	6.53	3.52
1483	54.6	5.24	8.66	23.8	<LLOQ(1.00)	12	4.1
1491	26.2	3.36	3.73	2.62	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1493	37.6	4.49	10.6	<LLOQ(1.60)	<LLOQ(1.00)	4.27	22.7
1494	16.8	3.01	<LLOQ(1.36)	2.77	<LLOQ(1.00)	2.79	2.28
1496	54.9	4.53	38.3	1.95	<LLOQ(1.00)	4.95	<LLOQ(1.00)
1498	41.7	4.42	<LLOQ(1.36)	5.31	<LLOQ(1.00)	3.7	1.13
1503	24.6	2.40	2.73	2.39	<LLOQ(1.00)	<LLOQ(2.50)	1.68
1510	32.5	3.21	13.7	<LLOQ(1.60)	<LLOQ(1.00)	3.24	17.1

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1512	26.4	2.63	12.1	1.73	<LLOQ(1.00)	<LLOQ(2.50)	4.33
1513	34.1	4.37	5.13	3.27	<LLOQ(1.00)	<LLOQ(2.50)	1.9
1517	62.8	5.76	58.8	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1524	28.9	4.82	4.30	1.66	<LLOQ(1.00)	6.23	15.2
1529	26.5	4.56	2.73	3.83	<LLOQ(1.00)	6.06	<LLOQ(1.00)
1537	10.4	<LLOQ(1.92)	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1538	35.9	2.36	11.2	4.33	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1542	17.2	2.14	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1545	28.9	3.89	2.28	6.05	<LLOQ(1.00)	2.5	<LLOQ(1.00)
1558	50.8	7.92	13.8	10.4	<LLOQ(1.00)	4.44	<LLOQ(1.00)
1559	61.0	10.5	14.2	8.56	<LLOQ(1.00)	6.92	1.61
1574	25.0	4.75	6.47	2.17	<LLOQ(1.00)	<LLOQ(2.50)	2
1582	26.0	3.20	<LLOQ(1.36)	1.89	<LLOQ(1.00)	3.07	<LLOQ(1.00)
1590	39.3	6.61	4.27	5.56	<LLOQ(1.00)	8.75	<LLOQ(1.00)
1597	31.5	9.93	3.34	2.8	<LLOQ(1.00)	2.74	1.49
1603	25.4	5.53	<LLOQ(1.36)	5.99	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1611	37.3	13.0	1.52	6.68	<LLOQ(1.00)	5.62	5.75

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1616	30.0	4.67	3.79	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1618	26.1	3.08	5.35	4.69	<LLOQ(1.00)	2.77	<LLOQ(1.00)
1620	21.8	3.19	1.87	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1624	45.4	5.54	41.5	1.60	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1626	25.0	3.15	1.55	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1630	13.6	3.13	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1634	22.7	2.56	7.25	1.73	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1637	35.7	3.08	23.3	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1640	11.9	2.46	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1643	17.5	2.33	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1646	15.8	2.34	<LLOQ(1.36)	2.26	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1647	18.8	3.79	<LLOQ(1.36)	2.81	<LLOQ(1.00)	3.75	<LLOQ(1.00)
1652	34.7	6.21	5.59	5.50	<LLOQ(1.00)	4.14	<LLOQ(1.00)
1653	44.2	7.80	4.54	7.02	<LLOQ(1.00)	<LLOQ(2.50)	3.91
1663	11.5	2.15	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1665	15.0	<LLOQ(1.92)	<LLOQ(1.36)	6.09	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1668	20.5	2.9	2.29	2.15	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1669	33.9	6.64	3.25	6.72	<LLOQ(1.00)	2.87	2.33
1677	27.6	2.58	3.31	2.38	<LLOQ(1.00)	<LLOQ(2.50)	1.32
1678	15.9	2.46	<LLOQ(1.36)	3.13	<LLOQ(1.00)	<LLOQ(2.50)	1.74
1679	28.1	4.27	3.52	2.39	<LLOQ(1.00)	<LLOQ(2.50)	2.39
1680	23.0	2.69	<LLOQ(1.36)	3.74	<LLOQ(1.00)	<LLOQ(2.50)	6.08
1690	38.1	4.97	<LLOQ(1.36)	12.8	<LLOQ(1.00)	<LLOQ(2.50)	1.01
1692	42.6	8.11	8.96	11.2	<LLOQ(1.00)	5.49	1.57
1700	22.4	2.14	<LLOQ(1.36)	6.01	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1707	42.4	3.56	4.17	5.07	<LLOQ(1.00)	4.96	3.77
1709	42.5	4.74	38.5	3.71	<LLOQ(1.00)	4.06	3.43
1716	33.3	4.57	<LLOQ(1.36)	6.99	<LLOQ(1.00)	<LLOQ(2.50)	3.47
1719	21.2	4.55	2.25	1.93	<LLOQ(1.00)	<LLOQ(2.50)	1.21
1721	26.1	4.96	1.93	1.67	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1722	28.6	3.25	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	2.82
1735	27.5	5.88	1.97	7.19	<LLOQ(1.00)	3.66	2.74
1748	27.2	3.44	3.14	2.25	<LLOQ(1.00)	<LLOQ(2.50)	2.65
1766	43.6	5.28	7.07	5.68	<LLOQ(1.00)	<LLOQ(2.50)	2.97

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1778	25.3	5.66	1.65	1.70	<LLOQ(1.00)	2.62	6.74
1781	32.4	4.02	1.67	3.58	<LLOQ(1.00)	<LLOQ(2.50)	6.82
1788	49.7	5.74	19.6	5.97	<LLOQ(1.00)	5.25	1.12
1806	67.7	7.17	94.2	4.75	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1809	12.7	1.95	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1816	33.9	5.93	<LLOQ(1.36)	11.6	<LLOQ(1.00)	9.82	<LLOQ(1.00)
1817	29.3	4.40	12.4	3.54	<LLOQ(1.00)	<LLOQ(2.50)	1.56
1819	29.3	4.12	7.59	2.90	<LLOQ(1.00)	<LLOQ(2.50)	2.62
1822	48.8	6.01	17.8	9.63	<LLOQ(1.00)	<LLOQ(2.50)	2.01
1825	20.5	4.76	2.65	2.44	<LLOQ(1.00)	2.78	2.04
1830	19.9	4.29	2.79	1.62	<LLOQ(1.00)	9.88	2.47
1834	28.7	5.75	15.7	3.68	<LLOQ(1.00)	<LLOQ(2.50)	3.06
1837	71.8	8.95	4.69	12.9	<LLOQ(1.00)	19.1	38.1
1842	32.2	5.37	9.45	1.69	<LLOQ(1.00)	7.29	3.89
1857	21.3	5.70	<LLOQ(1.36)	5.07	<LLOQ(1.00)	4.54	<LLOQ(1.00)
1875	28.3	4.91	1.58	2.18	<LLOQ(1.00)	<LLOQ(2.50)	1.88
1876	25.0	5.60	8.53	2.24	<LLOQ(1.00)	2.79	1.72

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1886	52.6	9.49	2.01	19.6	<LLOQ(1.00)	9.53	<LLOQ(1.00)
1887	16.9	3.22	<LLOQ(1.36)	4.81	<LLOQ(1.00)	<LLOQ(2.50)	1.38
1888	40.5	8.11	2.39	5.31	<LLOQ(1.00)	6.41	1.22
1898	18.3	5.26	3.40	2.22	<LLOQ(1.00)	<LLOQ(2.50)	1.03
1909	149	16.1	170	3.81	<LLOQ(1.00)	2.76	1.28
1911	35.3	6.28	2.44	2.40	<LLOQ(1.00)	4.56	1.15
1912	46.2	7.32	3.17	6.16	<LLOQ(1.00)	2.65	1.58
1913	43.9	9.06	3.52	2.93	<LLOQ(1.00)	<LLOQ(2.50)	5.23
1934	51.2	6.99	4.44	4.90	<LLOQ(1.00)	<LLOQ(2.50)	13.1
1942	50.1	8.54	4.83	3.22	<LLOQ(1.00)	3.02	1.95
1953	74.3	7.94	18.9	5.18	<LLOQ(1.00)	2.76	4.27
1954	55.5	5.09	1.64	6.62	<LLOQ(1.00)	4.45	3.76
1956	30.6	5.05	10.7	3.20	<LLOQ(1.00)	<LLOQ(2.50)	4.77
1959	23.8	4.26	3.42	3.87	<LLOQ(1.00)	<LLOQ(2.50)	2.37
1961	31.0	5.54	12.3	2.95	<LLOQ(1.00)	3.06	2.27
1962	16.2	4.12	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
1965	75.2	6.65	87.9	5.62	<LLOQ(1.00)	4.22	2.13

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
1982	18.2	4.15	1.51	3.93	<LLOQ(1.00)	<LLOQ(2.50)	2.25
1996	27.1	3.82	2.43	3.43	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2000	93.7	10.1	7.12	8.19	<LLOQ(1.00)	9.14	17.9
2002	96.8	7.17	90.8	2.93	<LLOQ(1.00)	<LLOQ(2.50)	2.45
2003	52.2	4.87	3.72	8.86	<LLOQ(1.00)	3.48	3.08
2022	34.7	3.94	4.98	1.80	<LLOQ(1.00)	<LLOQ(2.50)	2.63
2038	70.4	8.89	15.8	2.35	<LLOQ(1.00)	<LLOQ(2.50)	5.81
2041	22.8	5.69	7.12	1.88	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2050	41.5	4.61	2.83	2.64	<LLOQ(1.00)	3.28	8.4
2052	25.8	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
2054	20.7	3.06	2.36	3.50	<LLOQ(1.00)	2.84	<LLOQ(1.00)
2056	45.6	4.31	15.4	5.44	<LLOQ(1.00)	<LLOQ(2.50)	1.49
2074	48.5	5.54	2.21	4.60	<LLOQ(1.00)	2.77	3.03
2075	38.8	5.30	3.75	2.19	<LLOQ(1.00)	2.93	5.4
2076	39.4	6.65	8.06	6.49	<LLOQ(1.00)	3.48	4.24
2078	86.8	19.5	20.4	8.81	<LLOQ(1.00)	10.2	42.5
2079	59.9	6.63	4.84	2.40	<LLOQ(1.00)	5.37	14.8

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
2082	86.6	6.87	84.1	9.70	<LLOQ(1.00)	<LLOQ(2.50)	1.97
2087	34.4	8.42	1.55	7.75	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2089	21.0	4.61	2.16	4.61	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2099	47.1	5.29	4.23	5.82	<LLOQ(1.00)	<LLOQ(2.50)	2.09
2104	55.3	6.83	47.6	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	1.36
2112	80.5	10.7	62.2	5.79	<LLOQ(1.00)	3.32	1.64
2114	42.8	4.48	3.39	4.62	<LLOQ(1.00)	<LLOQ(2.50)	3.76
2115	28.0	5.83	5.04	5.3	<LLOQ(1.00)	2.75	4.04
2121	55.1	4.10	19.2	4.52	<LLOQ(1.00)	3.38	9.68
2124	42.5	6.95	15.9	4.33	<LLOQ(1.00)	<LLOQ(2.50)	4.14
2127	62.1	8.96	27.9	3.43	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2140	26.1	3.67	2.81	2.28	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2141	29.7	6.77	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2144	37.0	4.06	2.65	6.25	<LLOQ(1.00)	6.14	1.1
2150	39.2	4.24	9.88	6.59	<LLOQ(1.00)	9.89	2.36
2151	23.9	3.37	1.64	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2156	46.6	7.95	13.6	3.94	<LLOQ(1.00)	<LLOQ(2.50)	3.82

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
2158	36.4	6.93	6.10	4.02	<LLOQ(1.00)	2.55	2.48
2162	48.1	5.10	14.1	1.81	<LLOQ(1.00)	<LLOQ(2.50)	2.12
2164	36.2	5.08	4.51	2.58	<LLOQ(1.00)	<LLOQ(2.50)	3.35
2168	515	20.2	712	4.04	<LLOQ(1.00)	16.4	7
2171	65.5	7.09	37.3	5.69	<LLOQ(1.00)	<LLOQ(2.50)	2.8
2173	49.5	5.23	18.2	4.68	<LLOQ(1.00)	5.08	8.34
2174	63.5	14.0	5.92	5.23	<LLOQ(1.00)	3.92	17.7
2176	73.2	8.55	59.2	2.68	<LLOQ(1.00)	3.49	3.47
2179	123	9.96	107	7.47	<LLOQ(1.00)	4.01	9.76
2181	116	11.5	55.4	18.1	<LLOQ(1.00)	13.4	4.82
2184	53.3	10.5	5.07	3.94	<LLOQ(1.00)	6.68	7.53
2186	50.2	8.36	3.11	7.97	<LLOQ(1.00)	3.88	5.6
2191	40.2	4.52	<LLOQ(1.36)	3.37	<LLOQ(1.00)	2.97	1.08
2193	40.1	6.62	31.9	6.45	<LLOQ(1.00)**	4.54	6.58
2200	41.5	5.66	12.1	4.73	<LLOQ(1.00)**	<LLOQ(2.50)	1.42
2220	42.4	5.61	8.01	7.73	<LLOQ(1.00)**	<LLOQ(2.50)	6.69
2227	69.9	7.47	104	<LLOQ(1.60)	<LLOQ(1.00)**	5.59	6.75

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
2230	66.6	7.92	84.2	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	1.36
2234	36.1	5.77	14.8	2.95	<LLOQ(1.00)**	<LLOQ(2.50)	2.32
2236	39.8	5.97	25.4	2.92	<LLOQ(1.00)**	<LLOQ(2.50)	2.93
2239	17.2	2.77	12.5	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2244	26.2	2.91	3.44	3.69	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2246	34.7	5.06	4.20	2.96	<LLOQ(1.00)**	<LLOQ(2.50)	1.85
2248	60.8	6.72	29.6	3.21	<LLOQ(1.00)**	<LLOQ(2.50)	2.55
2260	6.67	<LLOQ(1.92)	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2265	44.8	5.09	10.4	4.18	<LLOQ(1.00)**	<LLOQ(2.50)	1.29
2273	28.3	3.45	1.79	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	3.59
2298	17.7	2.22	<LLOQ(1.36)	3.16	<LLOQ(1.00)**	<LLOQ(2.50)	2.48
2307	43.9	5.52	4.73	8.03	<LLOQ(1.00)**	2.94	1.2
2323	25.5	3.65	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	4.55
2327	24.3	5.47	3.79	2.22	<LLOQ(1.00)**	5.33	<LLOQ(1.00)
2335	26.5	3.18	3.79	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2341	43.4	7.21	2.25	5.43	<LLOQ(1.00)**	4.53	10.6
2348	34.7	4.45	<LLOQ(1.36)	5.20	<LLOQ(1.00)**	7.59	6.4

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
2349	40.8	3.86	4.49	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	5.22
2350	76.4	8.86	20.3	13.1	<LLOQ(1.00)**	6.83	16.8
2351	36.9	3.79	1.76	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2353	34.0	3.86	4.51	2.19	<LLOQ(1.00)**	<LLOQ(2.50)	1.45
2355	36.2	4.72	1.62	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	1.33
2358	61.8	10.3	1.79	2.93	<LLOQ(1.00)**	4.72	13.4
2360	29.9	7.43	<LLOQ(1.36)	5.02	<LLOQ(1.00)**	4.53	1.05
2363	29.7	3.52	2.65	6.43	<LLOQ(1.00)**	3.67	3.12
2365	42.4	3.56	7.62	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	3.33
2366	65.7	5.24	7.92	4.39	<LLOQ(1.00)**	<LLOQ(2.50)	4.88
2368	42.8	5.39	10.5	2.50	<LLOQ(1.00)**	3.77	3.54
2376	43.2	4.20	4.50	3.41	<LLOQ(1.00)**	<LLOQ(2.50)	4.58
2386	11.2	<LLOQ(1.92)	<LLOQ(1.36)	5.19	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2395	61.8	4.45	4.20	10.3	<LLOQ(1.00)**	13.4	19.5
2397	77.2	7.81	27.2	7.78	<LLOQ(1.00)**	5.09	2.89
2400	62.4	7.37	10.5	3.39	<LLOQ(1.00)**	2.55	10.4
2406	29.1	3.76	<LLOQ(1.36)	<LLOQ(1.60)	<LLOQ(1.00)**	3.62	3.5

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
2431	50.6	4.80	5.57	2.82	<LLOQ(1.00)**	9.74	9.19
2433	27.7	5.50	2.93	5.46	<LLOQ(1.00)**	3.47	<LLOQ(1.00)
2436	33.0	9.32	3.45	2.95	<LLOQ(1.00)**	4.67	2.81
2438	61.9	7.05	3.34	11.2	<LLOQ(1.00)**	4.89	7.48
2440	23.6	6.95	1.66	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2474	42.9	3.60	1.79	9.55	<LLOQ(1.00)**	3.25	1.35
2491	40.1	5.82	10.3	2.44	<LLOQ(1.00)**	<LLOQ(2.50)	1.49
2493	34.4	7.11	5.99	6.14	<LLOQ(1.00)**	4.34	2
2495	20.8	3.08	2.53	<LLOQ(1.60)	<LLOQ(1.00)**	2.58	8.11
2496	28.0	5.40	6.77	5.36	<LLOQ(1.00)**	3.15	5.24
2499	28.0	2.42	73.9	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2500	26.3	3.02	10.2	<LLOQ(1.60)	<LLOQ(1.00)**	<LLOQ(2.50)	<LLOQ(1.00)
2514	36.9	4.05	4.29	4.66	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2516	54.1	6.95	2.08	10.1	<LLOQ(1.00)	3.68	2.41
2517	51.6	11.3	73.4	3.02	<LLOQ(1.00)	4.49	<LLOQ(1.00)
2522	30.2	3.27	1.39	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2524	38.6	3.68	2.02	4.65	<LLOQ(1.00)	4.69	3.9

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
2526	37.0	4.49	3.65	4.26	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2528	122	5.87	2.90	4.63	<LLOQ(1.00)	12.3	34.4
2531	27.3	2.75	1.99	1.96	<LLOQ(1.00)	<LLOQ(2.50)	4.19
2567	29.0	4.44	<LLOQ(1.36)	2.21	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2570	42.7	3.71	<LLOQ(1.36)	3.73	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2575	52.1	5.92	32.6	8.19	<LLOQ(2.00)	7.53	<LLOQ(2.00)
2577	21.6	<LLOQ(1.92)	2.17	<LLOQ(1.60)	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2584	217	34.2	497	8.82	<LLOQ(1.00)	6.27	2.92
2585	58.5	6.27	1.66	9.68	<LLOQ(1.00)	10.9	22.2
2590	45.0	5.52	2.12	2.13	<LLOQ(1.00)	<LLOQ(2.50)	10.8
2593	32.9	6.98	<LLOQ(1.36)	2.10	<LLOQ(1.00)	<LLOQ(2.50)	<LLOQ(1.00)
2597	43.8	5.67	15.2	3.85	<LLOQ(1.00)	<LLOQ(2.50)	3.16
9433	38.2	9.14	4.97	5.78	<LLOQ(2.00)	5.43	<LLOQ(2.00)
9434	45.7	4.55	11.7	3.71	<LLOQ(2.00)	<LLOQ(5.00)	2.23
9435	35.7	6.29	25.5	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9436	35.1	6.78	<LLOQ(2.41)	4.01	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9437	14.7	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
9438	47.7	8.15	5.81	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9439	40.5	6.54	6.65	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	10.3
9440	15.0	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9441	48.0	5.05	<LLOQ(2.41)	4.23	<LLOQ(2.00)	<LLOQ(5.00)	2.37
9442	32.3	4.41	4.22	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9443	51.6	7.49	<LLOQ(2.41)	7.41	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9444	42.1	6.64	9.06	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	5.59
9445	98.9	6.35	88.7	3.61	<LLOQ(2.00)	<LLOQ(5.00)	4.88
9446	25.2	3.73	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9447	39.8	<LLOQ(2.88)	33.0	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9448	20.4	3.31	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9449	45.1	5.66	<LLOQ(2.41)	4.60	<LLOQ(2.00)	<LLOQ(5.00)	6.54
9450	29.8	3.18	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	4.1
9451	40.1	3.69	<LLOQ(2.41)	5.18	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9452	43.5	4.96	22.3	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	2.95
9453	30.5	3.54	4.48	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9454	40.2	3.95	<LLOQ(2.41)	4.81	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
9455	25.8	4.74	3.84	15.8	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9456	66.1	14.94	20.5	5.70	<LLOQ(2.00)	7.24	7.38
9457	35.8	<LLOQ(2.88)	2.49	5.49	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9458	31.6	3.39	3.58	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	5.13
9459	62.8	6.12	3.35	3.32	<LLOQ(2.00)	<LLOQ(5.00)	2.08
9460	18.8	4.09	17.1	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9461	29.2	4.08	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9462	40.9	<LLOQ(2.88)	23.0	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9463	28.0	3.71	3.4	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9464	17.2	<LLOQ(2.88)	2.98	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9465	16.5	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9466	50.0	7.50	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	3.67
9467	49.7	5.98	<LLOQ(2.41)	2.71	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9468	49.1	7.10	<LLOQ(2.41)	4.24	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9469	80.5	18.64	38.1	10.5	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9470	28.9	5.32	7.78	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9471	55.6	11.5	40.2	10.8	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
9472	54.9	3.93	9.60	3.56	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9473	34.7	4.96	12.2	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9474	43.3	4.95	6.56	2.74	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9475	57.2	7.03	4.70	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9476	40.0	<LLOQ(2.88)	10.2	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9477	22.4	2.97	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9478	33.6	5.15	<LLOQ(2.41)	3.89	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9479	14.1	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9480	42.2	5.99	2.58	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9481	33.8	5.37	<LLOQ(2.41)	6.08	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9482	33.9	<LLOQ(2.88)	12.39	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	2.79
9483	24.7	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9484	10.2	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9485	37.4	4.45	6.54	4.76	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9486	32.7	4.23	<LLOQ(2.41)	4.41	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9487	46.7	6.81	6.40	3.59	<LLOQ(2.00)	5.26	3.12
9488	22.0	4.36	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 22. Study Sample Concentrations (Continued)

All concentrations are expressed as ppb.

Sample No.	PFOS Concentration	PFOA Concentration*	PFHS Concentration*	PFOSAA Concentration*	PFOSA Concentration*	M556 Concentration*	M570 Concentration*
9489	27.0	3.04	<LLOQ(2.41)	6.87	<LLOQ(2.00)	<LLOQ(5.00)	11.3
9490	21.2	3.88	12.2	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9491	60.9	6.41	37.6	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	2.45
9492	30.3	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9493	31.6	5.43	<LLOQ(2.41)	3.83	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9494	20.3	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9495	41.4	7.57	4.56	9.31	<LLOQ(2.00)	<LLOQ(5.00)	8.68
9496	33.1	4.76	3.10	3.04	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9497	97.9	14.64	114	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9498	49.7	2.93	67.3	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9499	29.3	3.76	8.67	2.61	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9500	30.3	<LLOQ(2.88)	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9501	35.6	4.70	<LLOQ(2.41)	5.47	<LLOQ(2.00)	<LLOQ(5.00)	3.02
9502	17.8	<LLOQ(2.88)	<LLOQ(2.41)	2.74	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9503	29.3	3.22	<LLOQ(2.41)	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)
9504	34.3	5.14	10.4	<LLOQ(2.60)	<LLOQ(2.00)	<LLOQ(5.00)	2.62
9505	27.0	4.75	4.54	5.37	<LLOQ(2.00)	<LLOQ(5.00)	<LLOQ(2.00)

* Serum sample results obtained using plasma curves may vary from results obtained from serum curves (see Results and Discussion).

** Results are from a rejected run (see Results and Discussion).

The concentrations of any diluted samples have been corrected for the persistent level of analyte in the dilution matrix.

The method acceptance criteria states the concentration for each QC must be within $\pm 20\%$ ($\pm 25\%$ for PFOSA and PFOSAA) of the target concentration. The statistical error of any individual result may exceed the QC acceptance criteria.

Table 23. Repeat Analysis Table for PFOS

Sample No.	Treatment	Time	Original Conc. ppb	Original Run Number	Reason for Reassay	Reassay Conc. ppb	Reassay Run Number	Reported Conc. ppb	Reason for Reported Conc.
2168	Ped	0h	>ULOQ(414)	10	1	515	14	515	1

Table 24. Repeat Analysis Table for PFHS

Sample No.	Treatment	Time	Original Conc. ppb	Original Run Number	Reason for Reassay	Reassay Conc. ppb	Reassay Run Number	Reported Conc. ppb	Reason for Reported Conc.
2168	Ped	0h	>ULOQ(523)	10	1	712	14	712	1

REASONS FOR REASSAY:
1). Greater than the ULOQ.

REASONS FOR REPORTED CONC:
1). Original result outside of quantitation range. Reassay results reported.

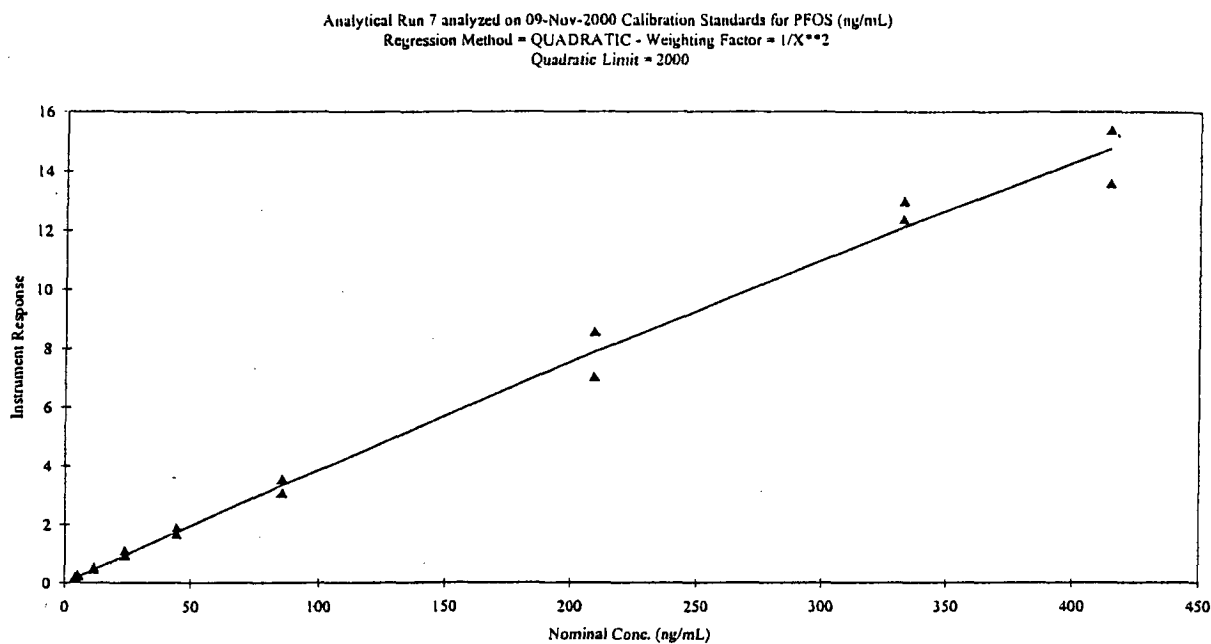
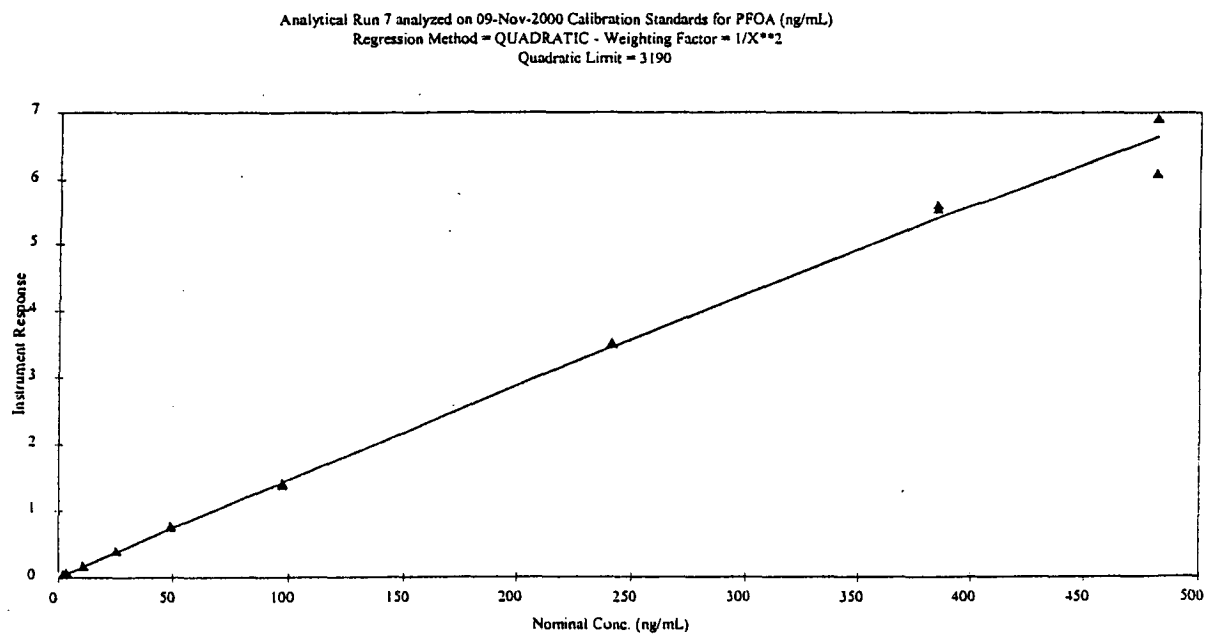
Figure 1. Representative Calibration Curve for PFOS**Figure 2. Representative Calibration Curve for PFOA**

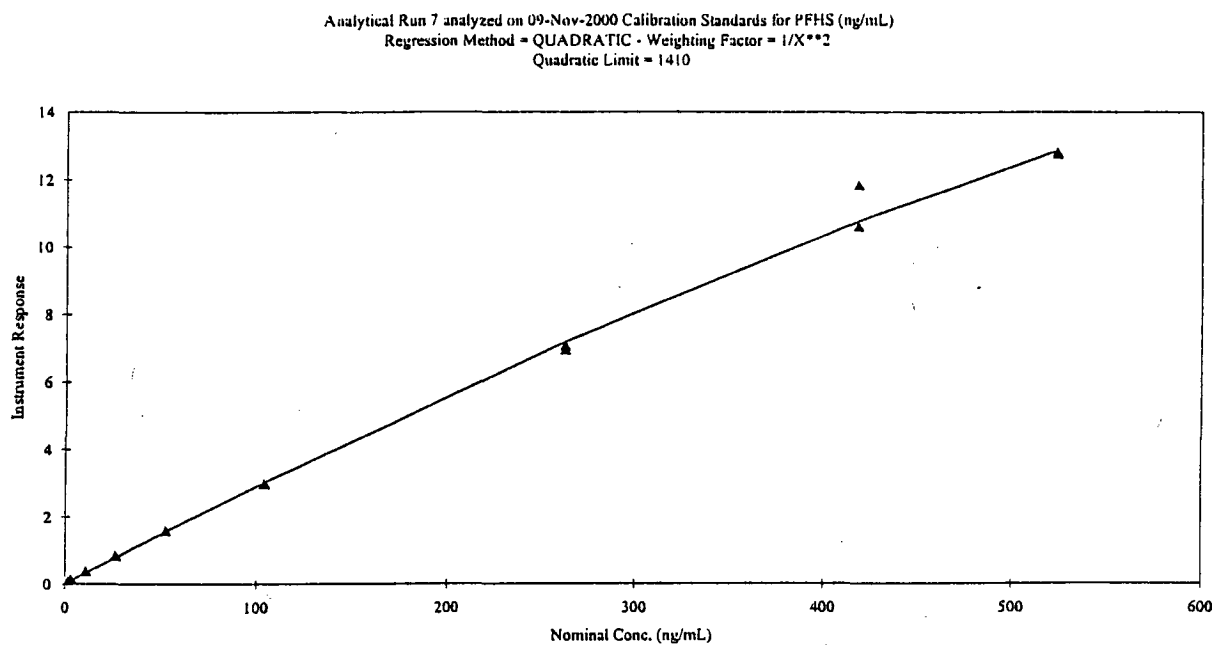
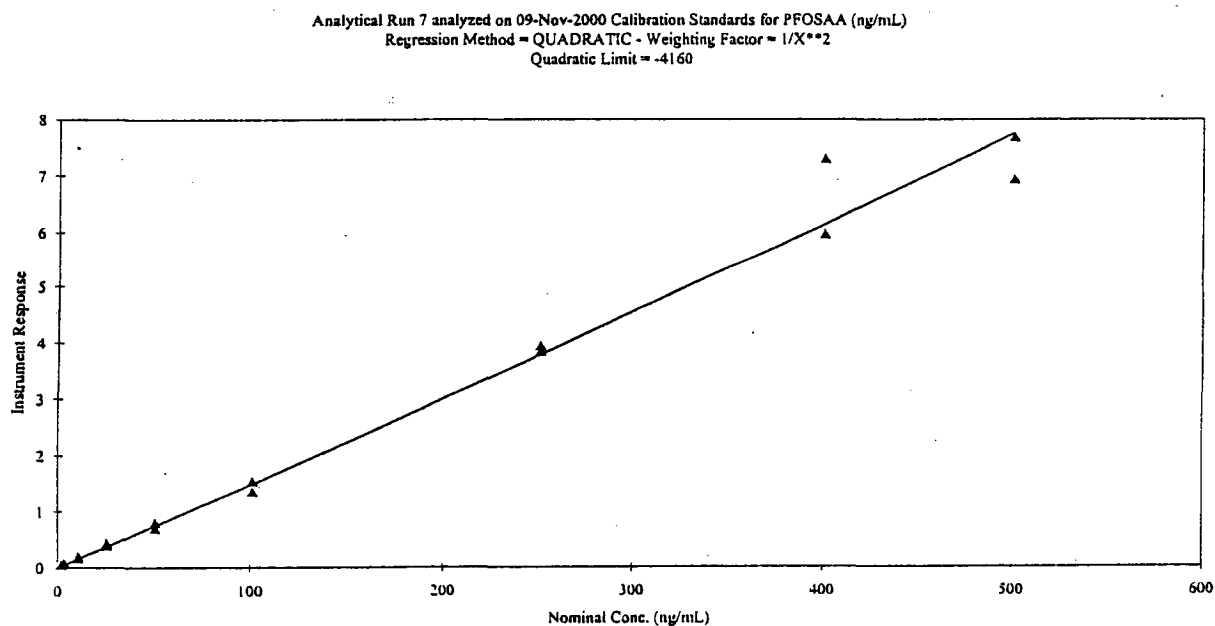
Figure 3. Representative Calibration Curve for PFHS**Figure 4. Representative Calibration Curve for PFOSAA**

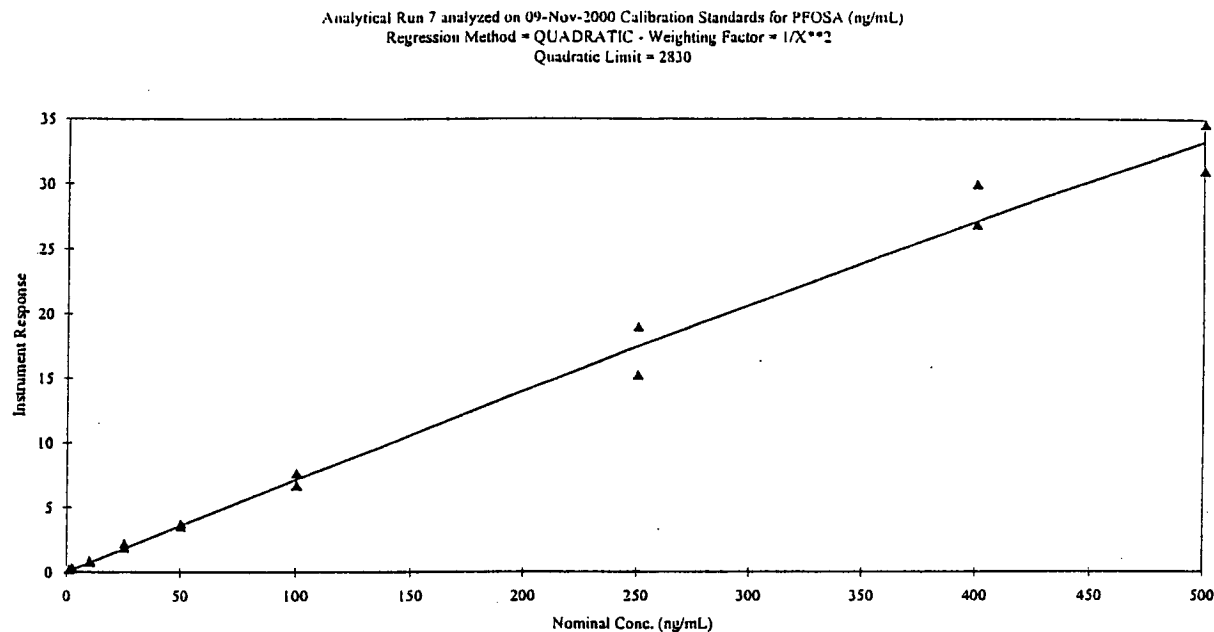
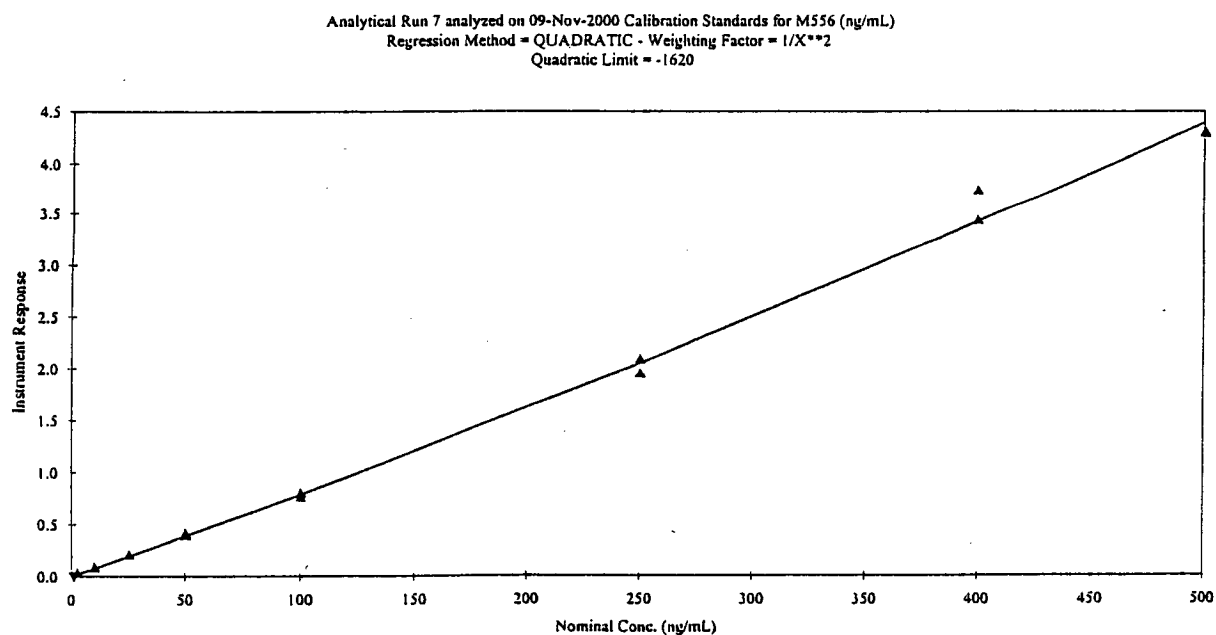
Figure 5. Representative Calibration Curve for PFOSA**Figure 6. Representative Calibration Curve for M556**

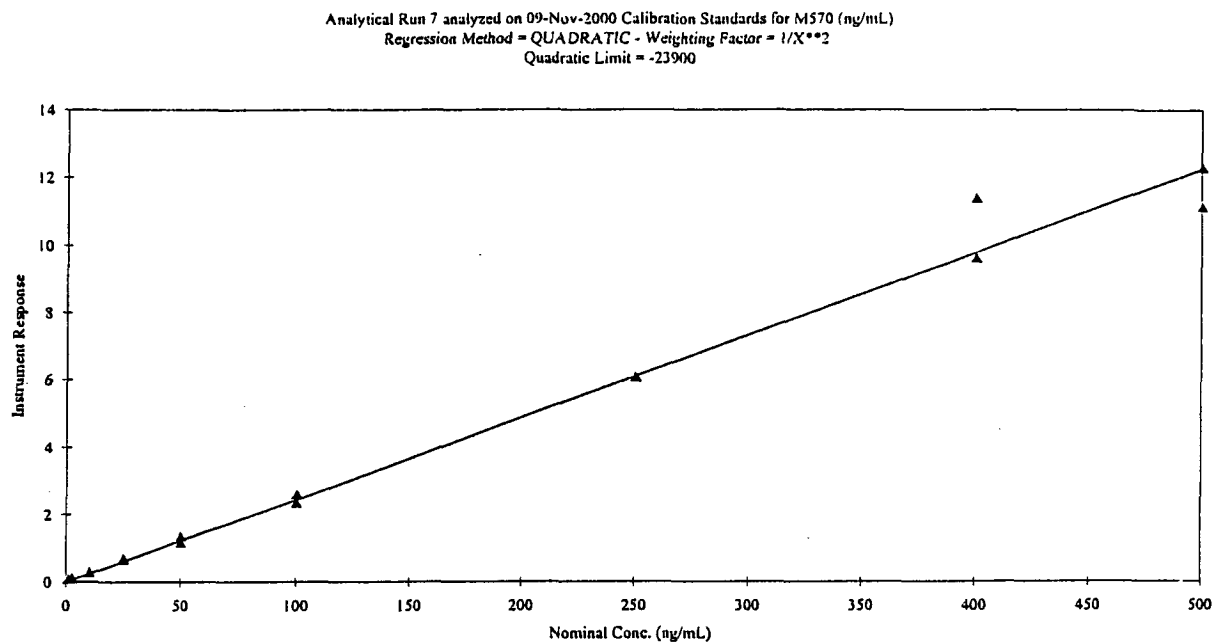
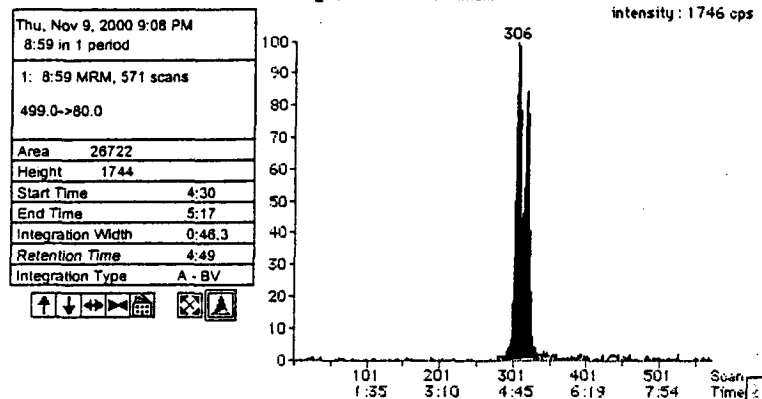
Figure 7. Representative Calibration Curve for M570

Figure 8. Human Serum Blank for PFOS

PFOS	Current	Method
Internal Standard: THPFOS	Noise Thres. 5.0	5.0
Use Area	Quant Thres. 0.2	0.2
Absolute Retention Time	Min. Width 3	3
Expected RT 4:54	Mult. Width 12	12
	Base. Width 150	150
	RT Win. (secs) 20	20
	Smooth 1	1

s0008807-012 7 012 S00088 CONTROL_BLANK 1 No Comment



THPFOS	Current	Method
use as Internal Standard	Noise Thres. 10.0	10.0
	Quant Thres. 0.2	0.2
	Min. Width 3	3
	Mult. Width 10	10
Expected RT 4:15	Base. Width 150	150
	RT Win. (secs) 20	20
	Smooth 1	1

s0008807-012 7 012 S00088 CONTROL_BLANK 1 No Comment

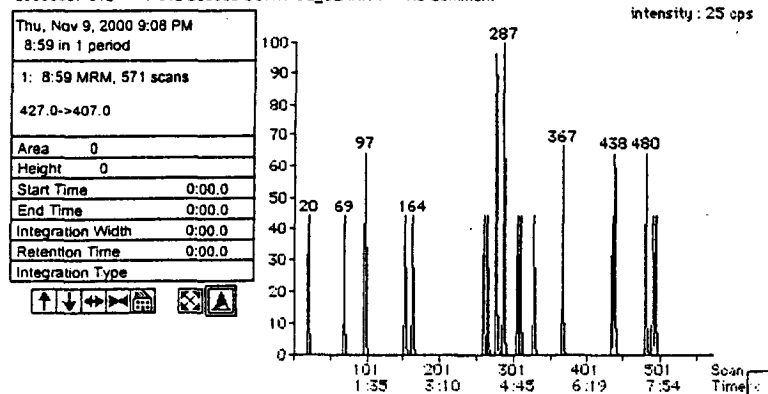
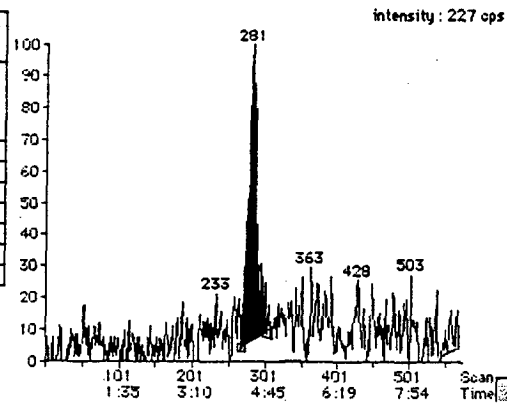


Figure 9. Human Serum Blank for PFOA

PFOA		Current	Method
Internal Standard: THPFOS	Noise Thres.	1.0	1.0
Use Area	Quant Thres.	0.9	0.9
Absolute Retention Time	Min. Width	3	3
Expected RT 4:27	Mult. Width	9	9
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-012 7 012 S00088 CONTROL_BLANK 1 No Comment

Thu, Nov 9, 2000 9:08 PM
8:59 in 1 period
1: 8:59 MRM, 571 scans
413.0->189.0
Area 2655
Height 213
Start Time 4:13
End Time 4:46
Integration Width 0:32.1
Retention Time 4:28
Integration Type A-BB



THPFOS		Current	Method
use as internal Standard	Noise Thres.	10.0	10.0
	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
Expected RT 4:15	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-012 7 012 S00088 CONTROL_BLANK 1 No Comment

Thu, Nov 9, 2000 9:08 PM
8:59 in 1 period
1: 8:59 MRM, 571 scans
427.0->407.0
Area 0
Height 0
Start Time 0:00.0
End Time 0:00.0
Integration Width 0:00.0
Retention Time 0:00.0
Integration Type

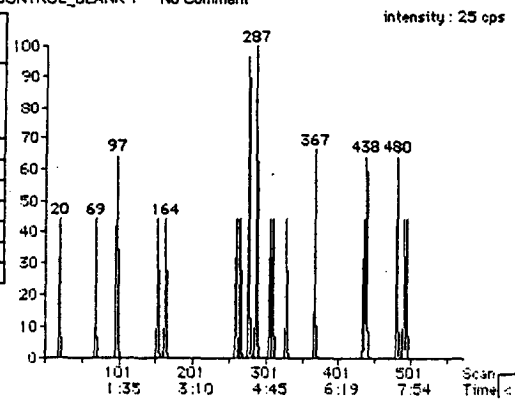
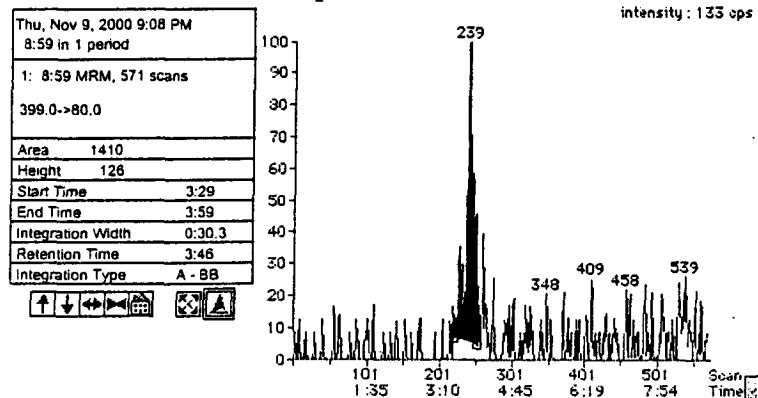


Figure 10. Human Serum Blank for PFHS

PFHS	Current	Method
Internal Standard: THPFOS	Noise Thres. 3.0	3.0
Use Area	Quant Thres. 0.5	0.5
Absolute Retention Time	Min. Width 4	4
Expected RT 3:37	Mult. Width 12	12
	Base. Width 150	150
	RT Win. (secs) 20	20
	Smooth 1	1

s0008807-012 7 012 S00088 CONTROL_BLANK 1 No Comment



THPFOS	Current	Method
use as Internal Standard	Noise Thres. 10.0	10.0
Expected RT 4:15	Quant Thres. 0.2	0.2
	Min. Width 3	3
	Mult. Width 10	10
	Base. Width 150	150
	RT Win. (secs) 20	20
	Smooth 1	1

s0008807-012 7 012 S00088 CONTROL_BLANK 1 No Comment

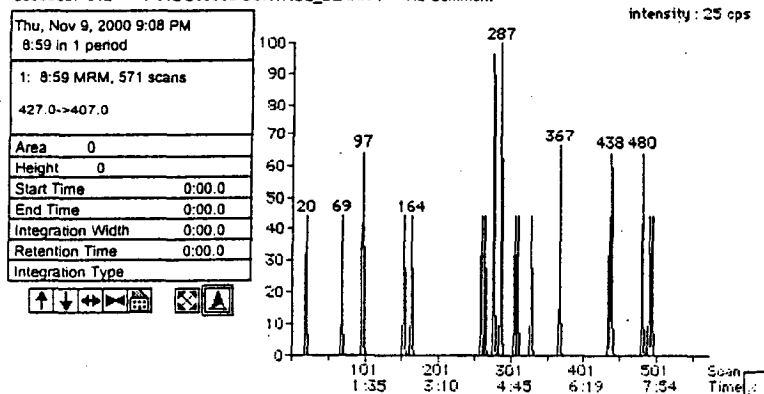
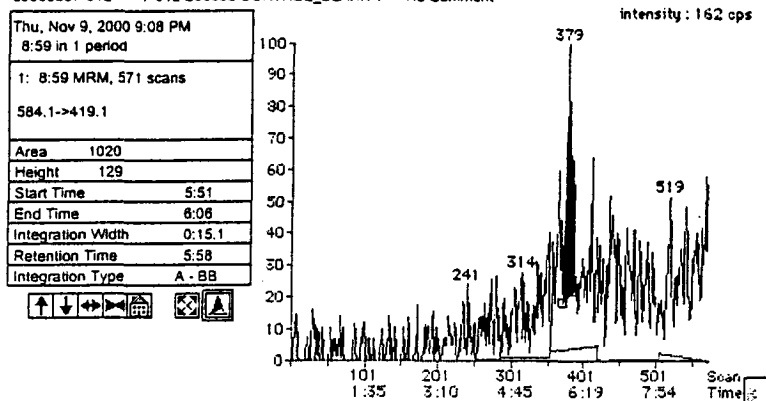


Figure 11. Human Serum Blank for PFOSAA

PFOSAA		Current	Method
Internal Standard: THPFOS	Noise Thres.	4.0	4.0
Use Area	Quant Thres.	1.5	1.5
Absolute Retention Time	Min. Width	3	3
Expected RT 5:56	Mult. Width	13	13
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-012 7 012 S00088 CONTROL_BLANK 1 No Comment



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
Expected RT 4:15	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-012 7 012 S00088 CONTROL_BLANK 1 No Comment

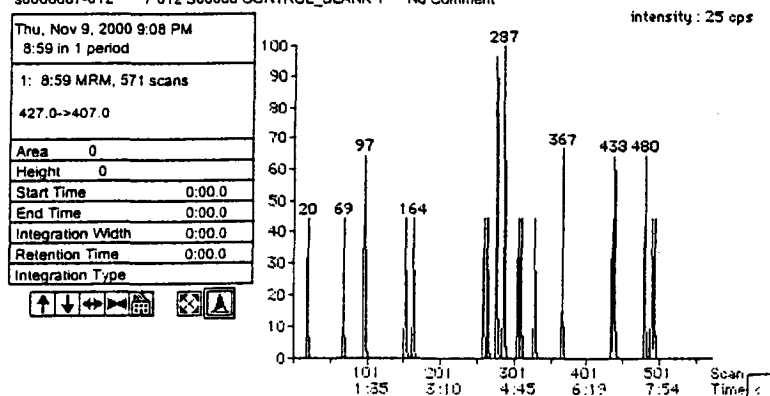


Figure 12. Human Serum Blank for PFOSA

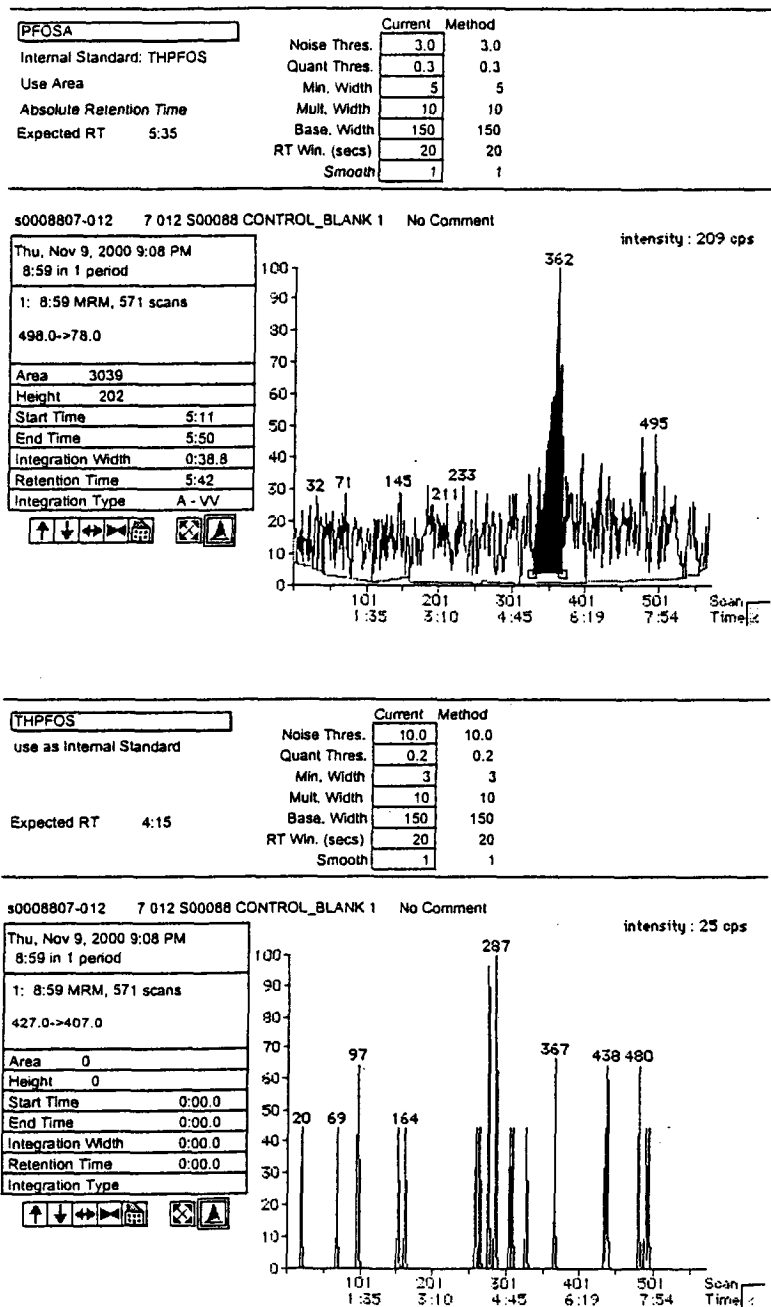


Figure 13. Human Serum Blank for M556

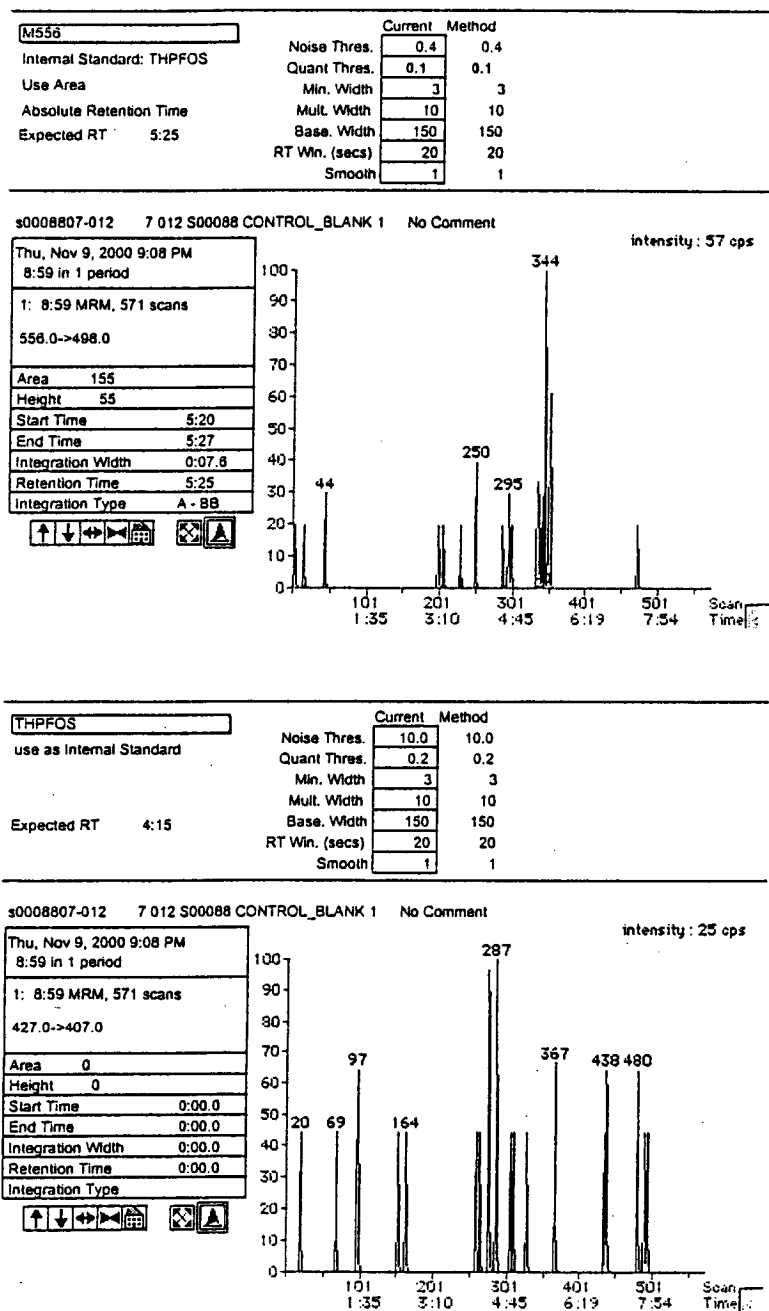


Figure 14. Human Serum Blank for M570

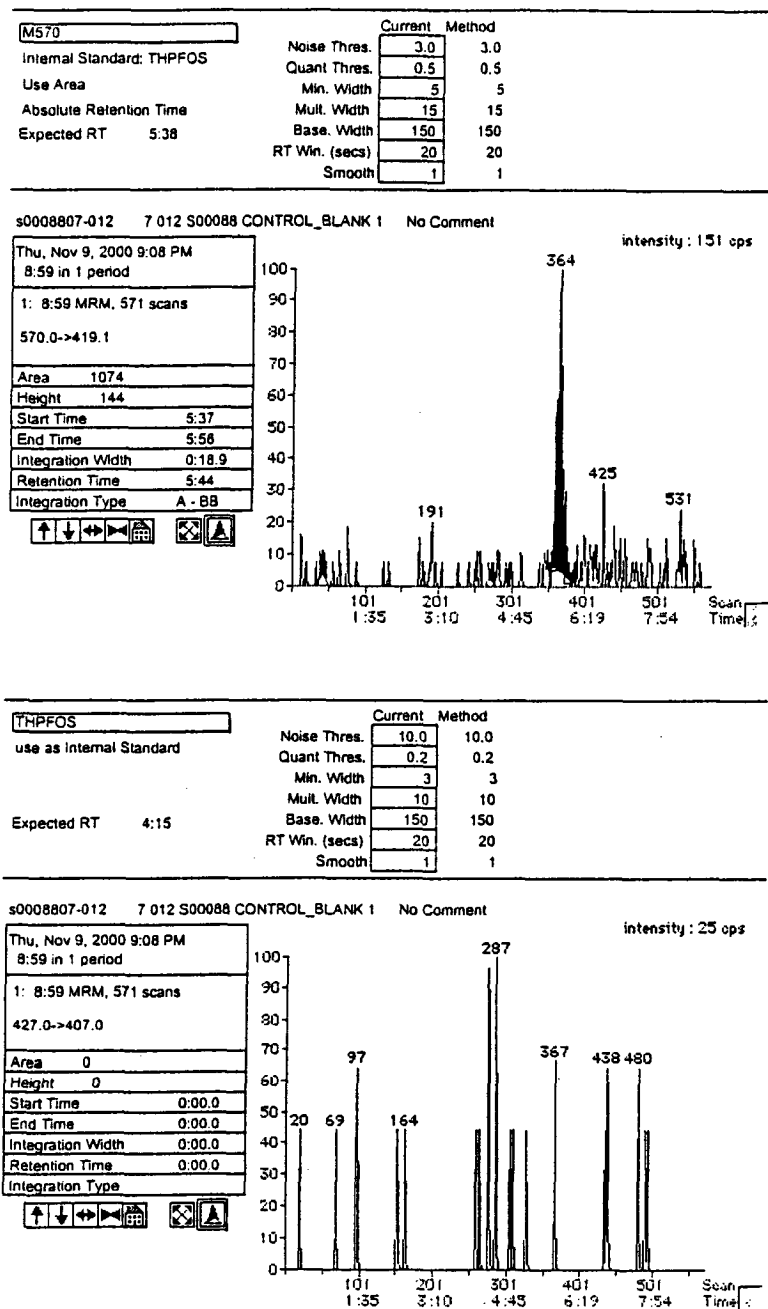
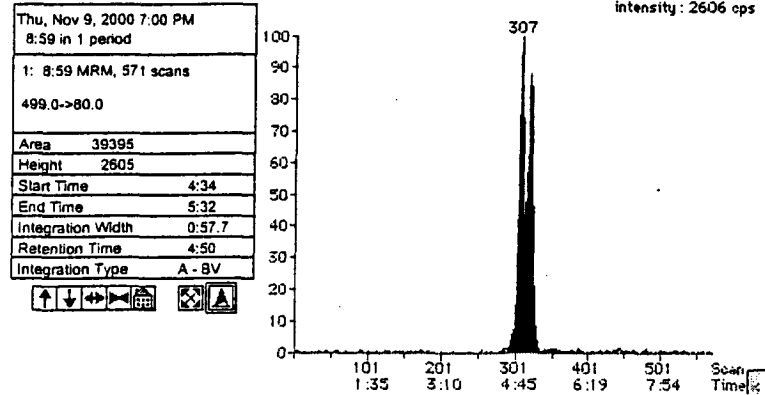


Figure 15. Human Serum Blank with Internal Standard (QC0) for PFOS

PFOS		Current	Method
Internal Standard: THPFOS	Noise Thres.	5.0	5.0
Use Area	Quant Thres.	0.2	0.2
Absolute Retention Time	Min. Width	3	3
Expected RT 4:54	Mult. Width	12	12
	Base. Width	150	150
	RT Wn. (secs)	20	20
	Smooth	1	1

s0008807-001 7 001 S00088 QC0 1 No Comment



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
Expected RT 4:15	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
	RT Wn. (secs)	20	20
	Smooth	1	1

s0008807-001 7 001 S00088 QC0 1 No Comment

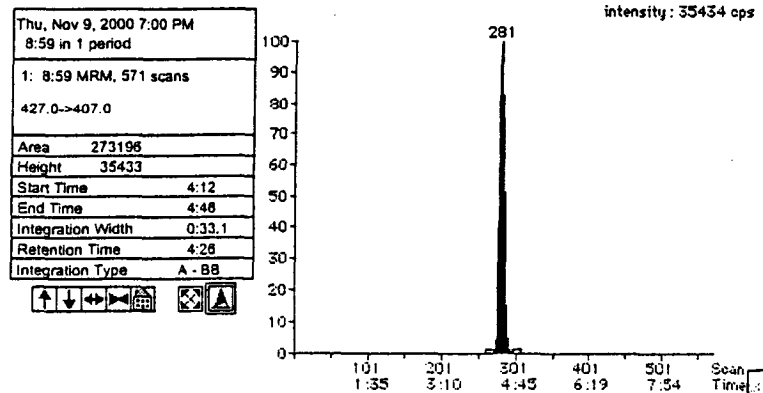


Figure 16. Human Serum Blank with Internal Standard (QC0) for PFOA

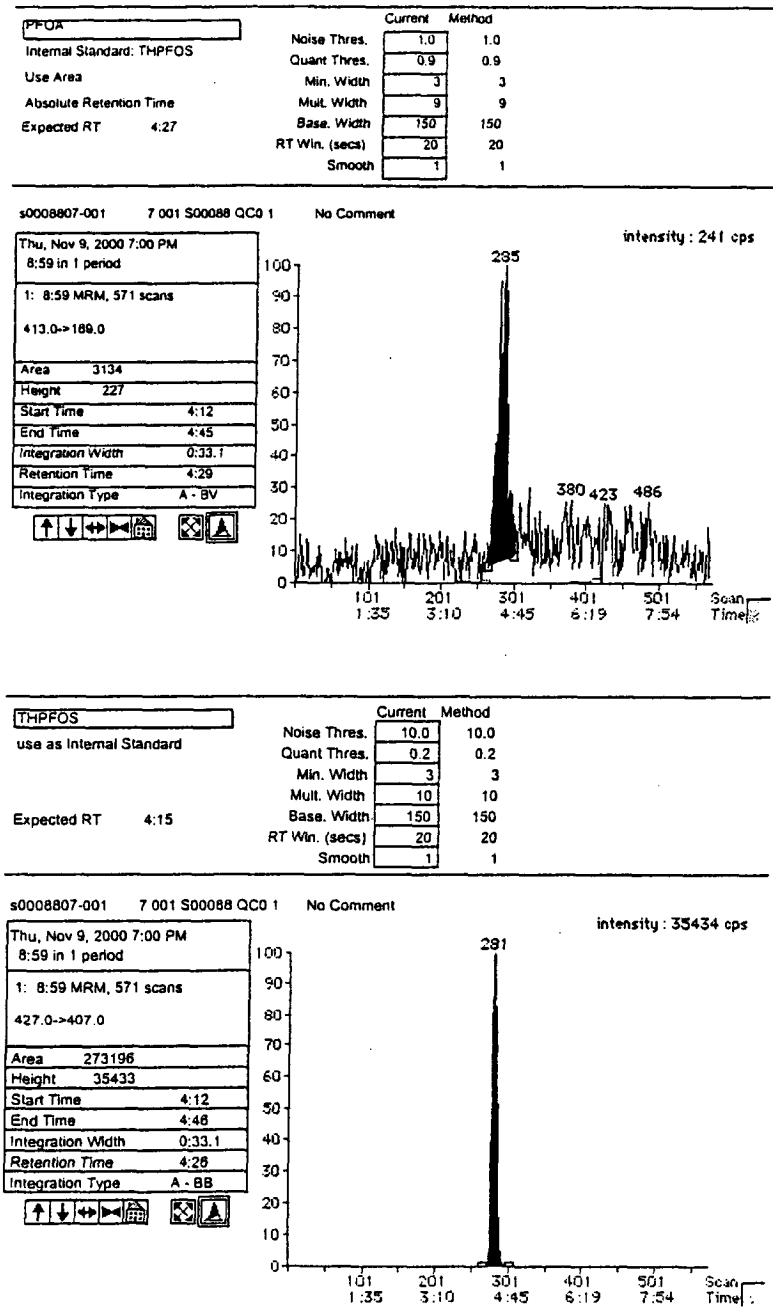


Figure 17. Human Serum Blank with Internal Standard (QC0) for PFHS

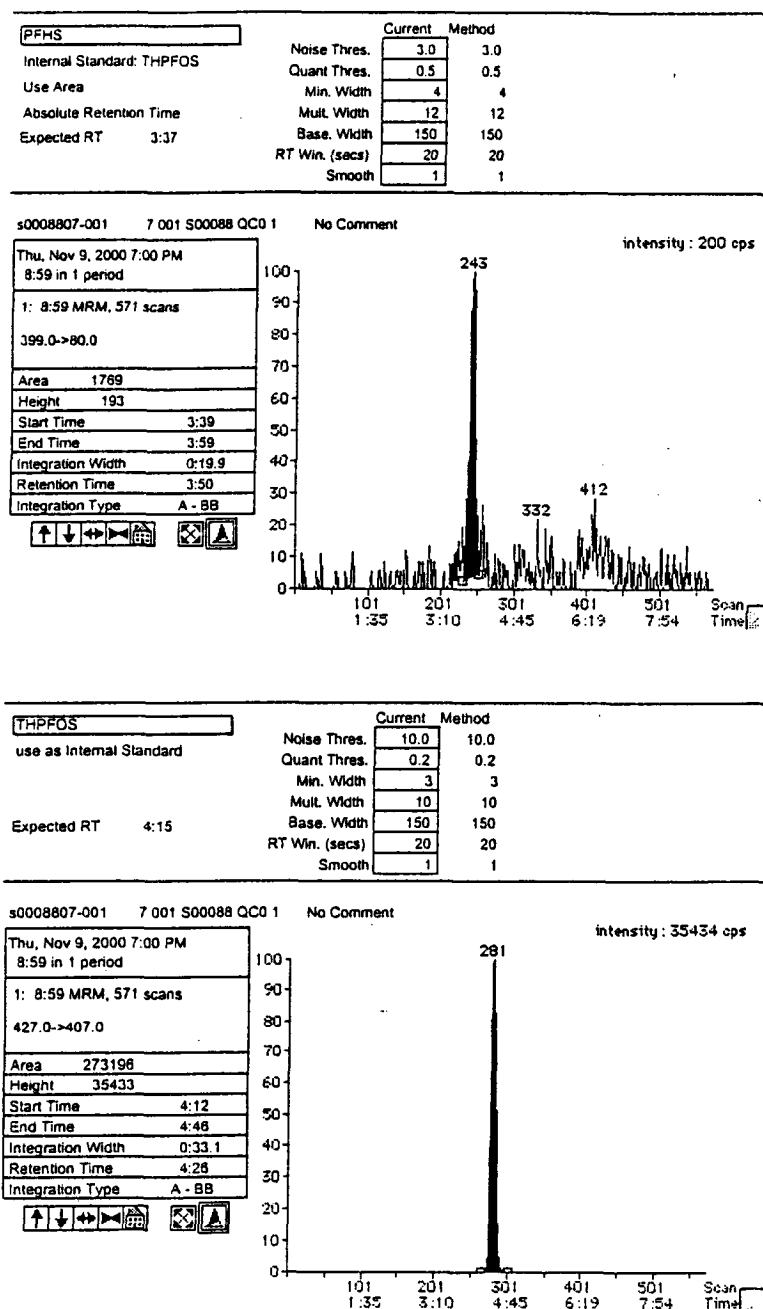
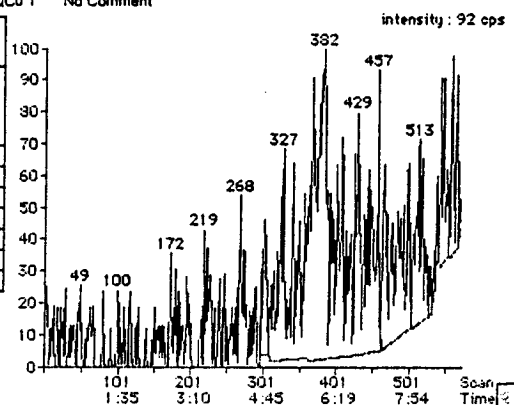


Figure 18. Human Serum Blank with Internal Standard (QC0) for PFOSAA

PFOSAA		Current	Method
Internal Standard: THPFOS	Noise Thres.	4.0	4.0
Use Area	Quant Thres.	1.5	1.5
Absolute Retention Time	Min. Width	3	3
Expected RT 5:56	Mult. Width	13	13
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-001 7 001 S00088 QC0 1 No Comment

Thu, Nov 9, 2000 7:00 PM	
8:59 in 1 period	
1: 8:59 MRM, 571 scans	
584.1->419.1	
Area	0
Height	0
Start Time	0:00.0
End Time	0:00.0
Integration Width	0:00.0
Retention Time	0:00.0
Integration Type	



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
Expected RT 4:15	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-001 7 001 S00088 QC0 1 No Comment

Thu, Nov 9, 2000 7:00 PM	
8:59 in 1 period	
1: 8:59 MRM, 571 scans	
427.0->407.0	
Area	273196
Height	35433
Start Time	4:12
End Time	4:46
Integration Width	0:33.1
Retention Time	4:26
Integration Type	A - BB

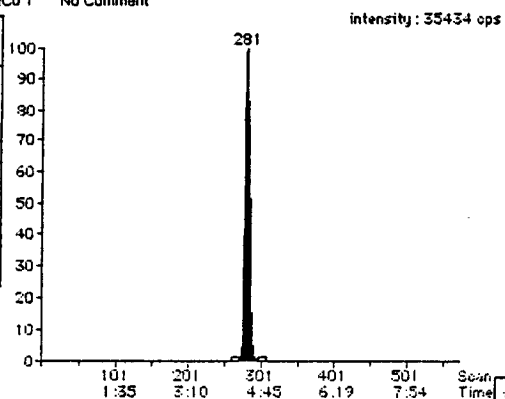
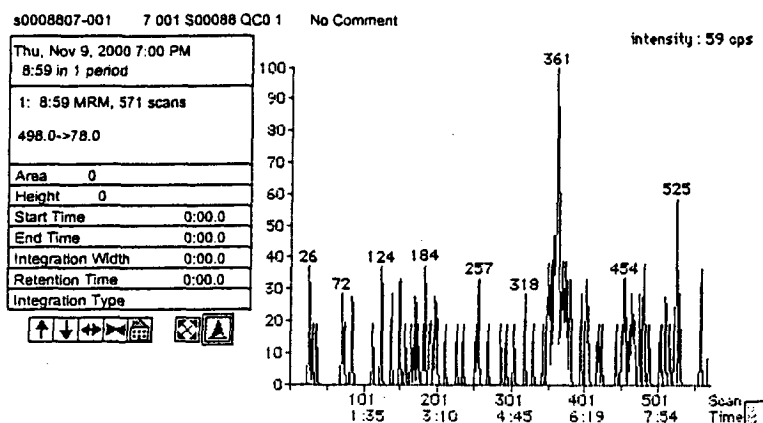


Figure 19. Human Serum Blank with Internal Standard (QC0) for PFOSA

PFOSA		Current	Method
Internal Standard: THPFOS	Noise Thres.	3.0	3.0
Use Area	Quant Thres.	0.3	0.3
Absolute Retention Time	Min. Width	5	5
Expected RT 5:35	Mult. Width	10	10
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
Expected RT 4:15	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

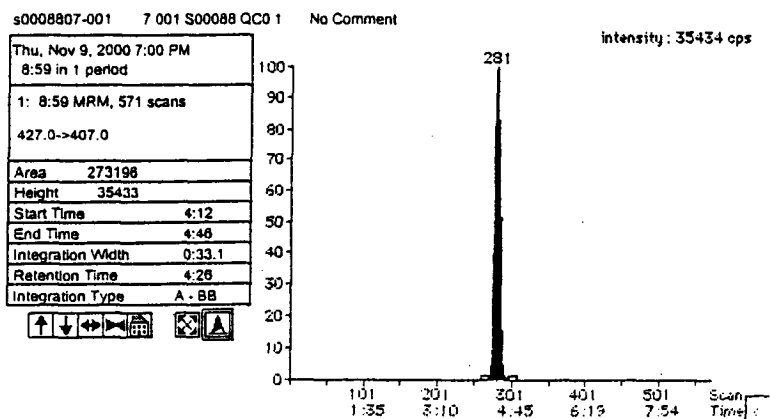


Figure 20. Human Serum Blank with Internal Standard (QC0) for M556

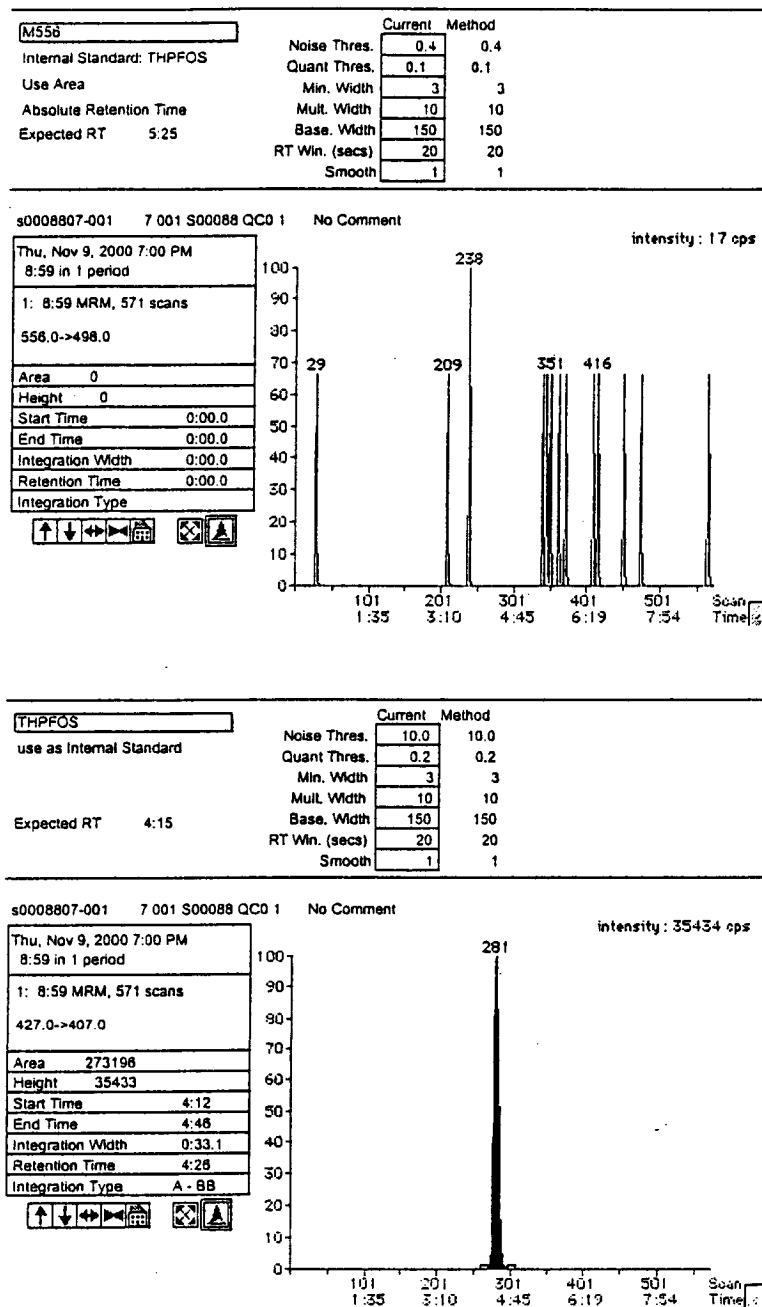


Figure 21. Human Serum Blank with Internal Standard (QC0) for M570

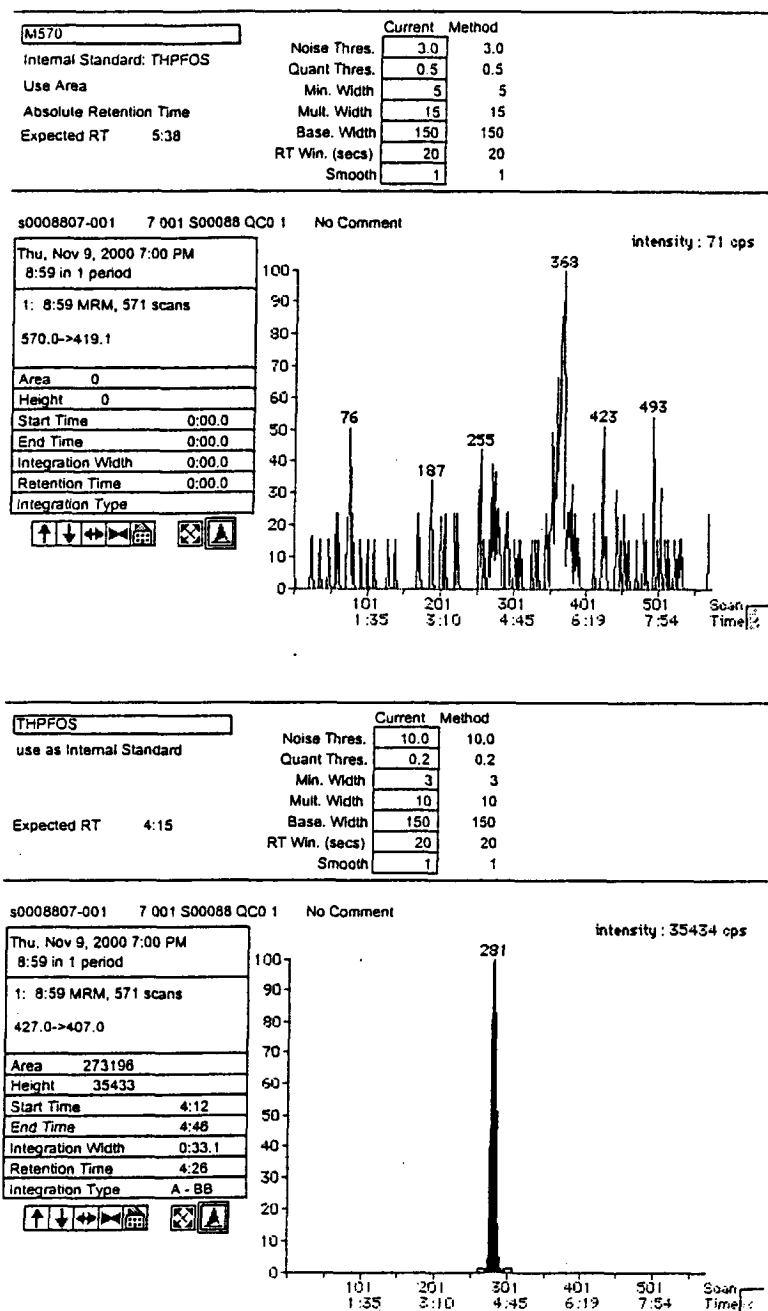
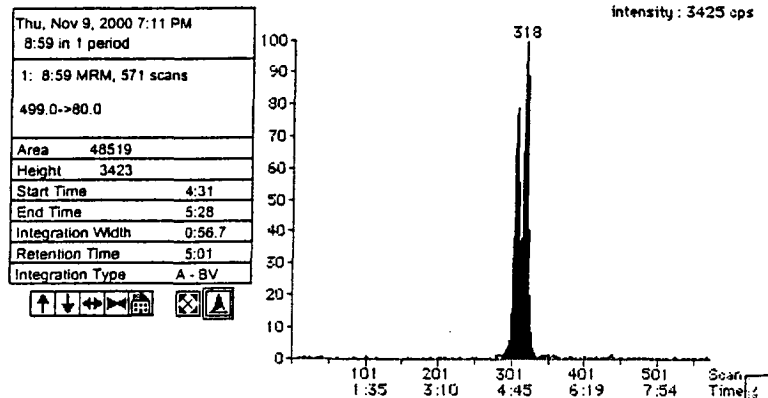


Figure 22. Low Standard (3.94 ppb) for PFOS

PFOS	Current	Method
Internal Standard: THPFOS	Noise Thres. 5.0	5.0
Use Area	Quant Thres. 0.2	0.2
Absolute Retention Time	Min. Width 3	3
Expected RT 4:54	Mult. Width 12	12
	Base. Width 150	150
	RT Win. (secs) 20	20
	Smooth 1	1

s0008807-002 7 002 S00088 Std1 1 1 No Comment



THPFOS	Current	Method
use as Internal Standard	Noise Thres. 10.0	10.0
Expected RT 4:15	Quant Thres. 0.2	0.2
	Min. Width 3	3
	Mult. Width 10	10
	Base. Width 150	150
	RT Win. (secs) 20	20
	Smooth 1	1

s0008807-002 7 002 S00088 Std1 1 1 No Comment

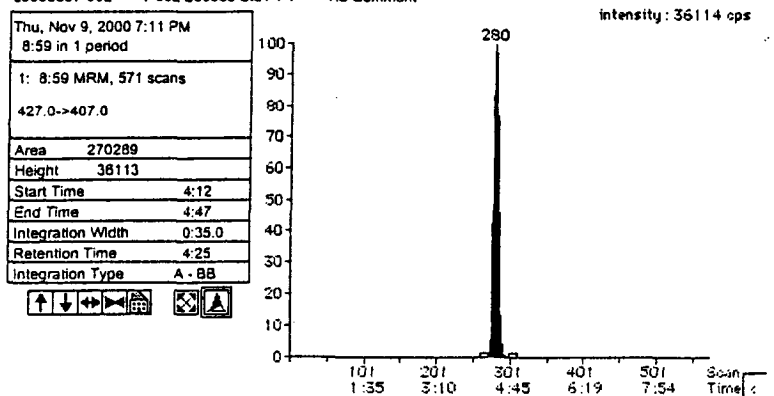


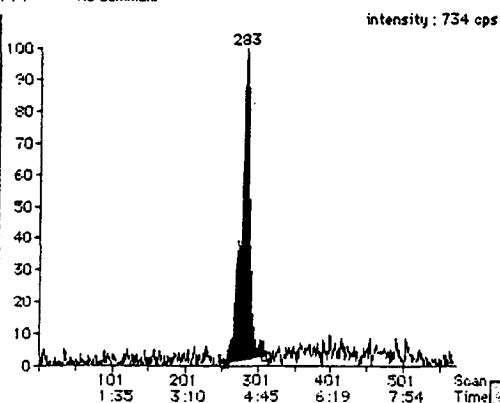
Figure 23. Low Standard (1.92 ppb) for PFOA

PFOA		Current	Method
Internal Standard: THPFOS	Noise Thres.	1.0	1.0
Use Area	Quant Thres.	0.9	0.9
Absolute Retention Time	Min. Width	3	3
Expected RT 4:27	Mult. Width	9	9
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-002 7 002 S00088 Std1 1 1

No Comment

Thu, Nov 9, 2000 7:11 PM	
8:59 in 1 period	
1: 8:59 MRM, 571 scans	
413.0->169.0	
Area	9563
Height	722
Start Time	4:02
End Time	4:55
Integration Width	0:52.9
Retention Time	4:28
Integration Type	A - BB



THPFOS

use as Internal Standard

Expected RT 4:15

Current	Method
Noise Thres.	10.0 10.0
Quant Thres.	0.2 0.2
Min. Width	3 3
Mult. Width	10 10
Base. Width	150 150
RT Win. (secs)	20 20
Smooth	1 1

s0008807-002 7 002 S00088 Std1 1 1

No Comment

Thu, Nov 9, 2000 7:11 PM	
8:59 in 1 period	
1: 8:59 MRM, 571 scans	
427.0->407.0	
Area	270289
Height	36113
Start Time	4:12
End Time	4:47
Integration Width	0:35.0
Retention Time	4:25
Integration Type	A - BB

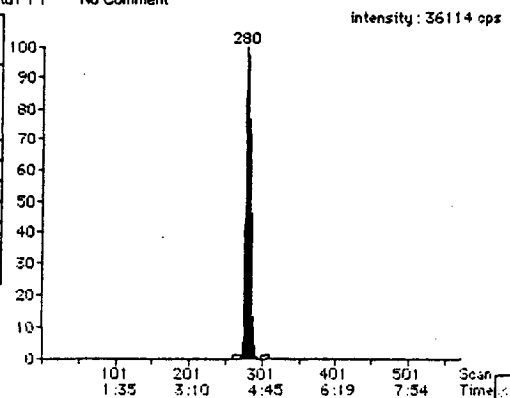
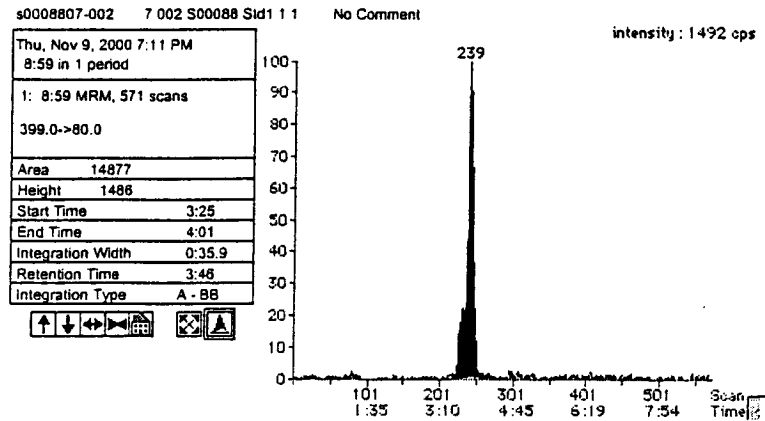


Figure 24. Low Standard (1.36 ppb) for PFHS

PFHS		Current	Method
Internal Standard: THPFOS		Noise Thres.	3.0
Use Area		Quant Thres.	0.5
Absolute Retention Time		Min. Width	4
Expected RT 3:37		Mult. Width	12
		Base. Width	150
		RT Win. (secs)	20
		Smooth	1



THPFOS		Current	Method
use as Internal Standard		Noise Thres.	10.0
		Quant Thres.	0.2
		Min. Width	3
		Mult. Width	10
Expected RT 4:15		Base. Width	150
		RT Win. (secs)	20
		Smooth	1

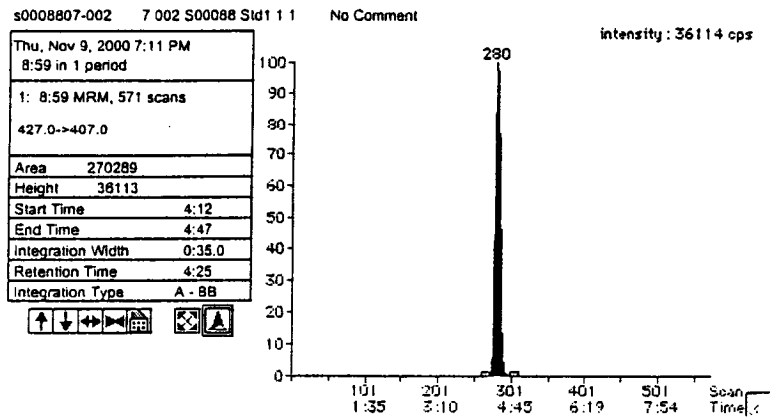
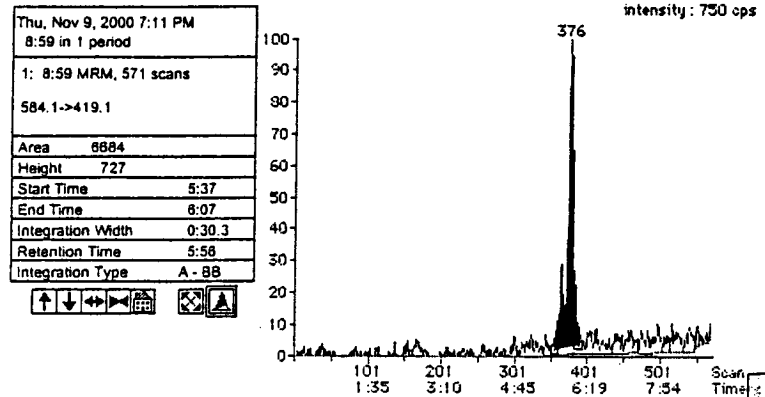


Figure 25. Low Standard (1.60 ppb) for PFOSAA

PFOSAA		Current	Method
Internal Standard: THPFOS	Noise Thres.	4.0	4.0
Use Area	Quant Thres.	1.5	1.5
Absolute Retention Time	Min. Width	3	3
Expected RT 5:58	Mult. Width	13	13
	Base. Width	150	150
	RT Wn. (secs)	20	20
	Smooth	1	1

s0008807-002 7 002 S00088 Std1 1 1 No Comment



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
Expected RT 4:15	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
	RT Wn. (secs)	20	20
	Smooth	1	1

s0008807-002 7 002 S00088 Std1 1 1 No Comment

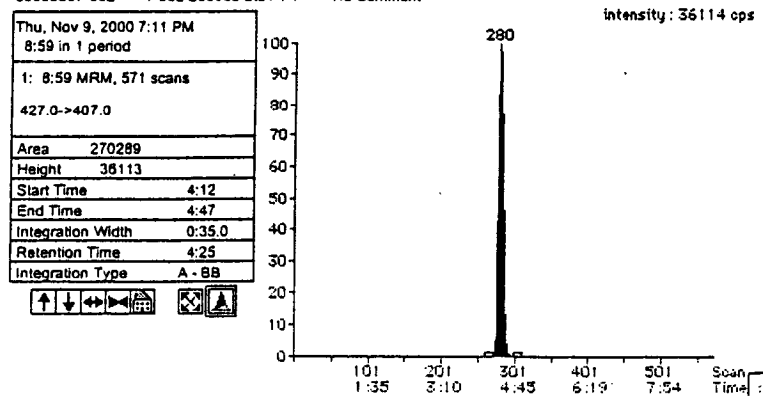
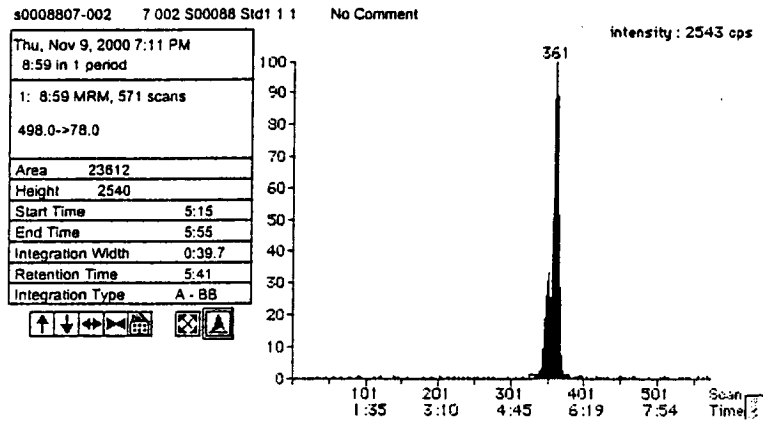


Figure 26. Low Standard (1.00 ppb) for PFOSA

PFOSA		Current	Method
Internal Standard: THPFOS	Noise Thres.	3.0	3.0
Use Area	Quant Thres.	0.3	0.3
Absolute Retention Time	Min. Width	5	5
Expected RT 5:35	Mult. Width	10	10
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1



THPFOS		Current	Method
use as internal Standard	Noise Thres.	10.0	10.0
	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
Expected RT 4:15	RT Win. (secs)	20	20
	Smooth	1	1

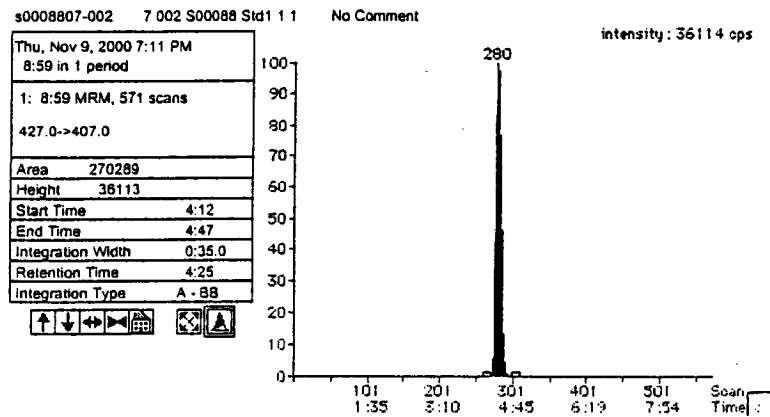
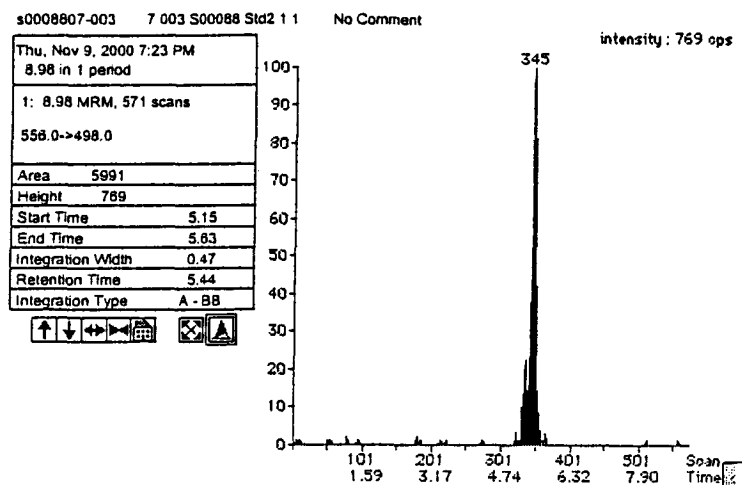


Figure 27. Low Standard (2.50 ppb) for M556

M556	Current	Method
Internal Standard: THPPFOS	Noise Thres.	0.4
Use Area	Quant Thres.	0.1
Absolute Retention Time	Min. Width	3
Expected RT 5.42	Mult. Width	10
	Base. Width	150
	RT Wn. (secs)	20
	Smooth	1



THPPFOS	Current	Method
use as Internal Standard	Noise Thres.	10.0
	Quant Thres.	0.2
	Min. Width	3
	Mult. Width	10
Expected RT 4.25	Base. Width	150
	RT Wn. (secs)	20
	Smooth	1

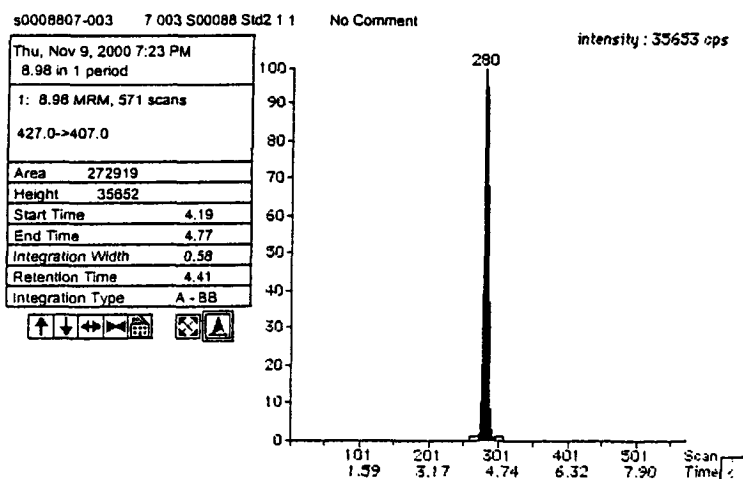
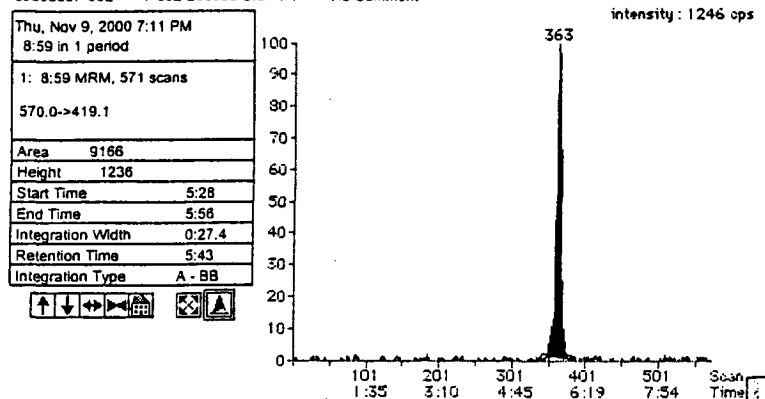


Figure 28. Low Standard (1.00 ppb) for M570

M570		Current	Method
Internal Standard: THPFOS	Noise Thres.	3.0	3.0
Use Area	Quant Thres.	0.5	0.5
Absolute Retention Time	Min. Width	5	5
Expected RT 5:38	Mult. Width	15	15
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-002 7 002 S00088 Std1 1 1 No Comment



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
Expected RT 4:15	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-002 7 002 S00088 Std1 1 1 No Comment

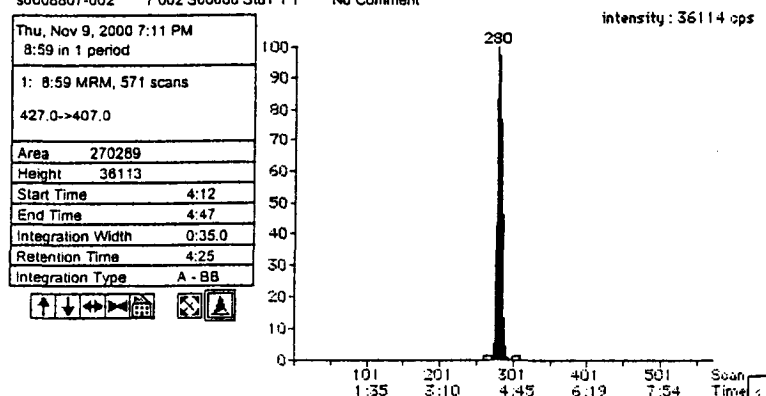
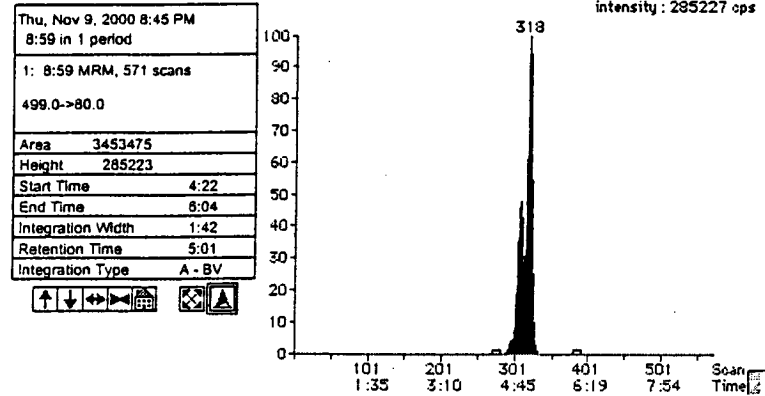


Figure 29. High Standard (414 ppb) for PFOS

PFOS		Current	Method
Internal Standard: THPFOS	Noise Thres.	5.0	5.0
Use Area	Quant Thres.	0.2	0.2
Absolute Retention Time	Min. Width	3	3
Expected RT 4:54	Mult. Width	12	12
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-010 7 010 S00088 Std9 1 1 No Comment



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
Expected RT 4:15	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-010 7 010 S00088 Std9 1 1 No Comment

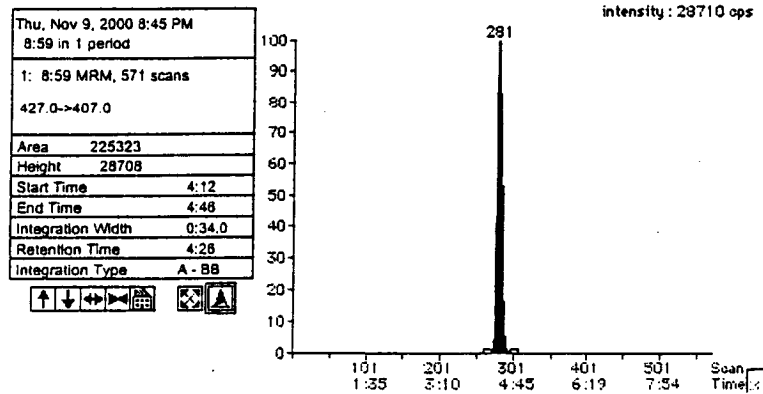
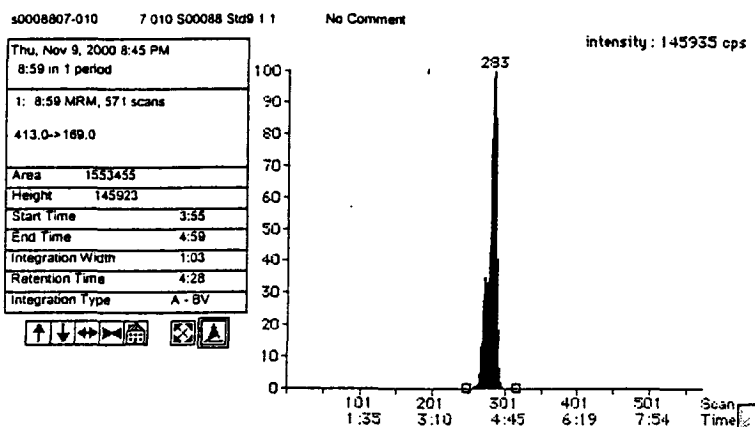


Figure 30. High Standard (481 ppb) for PFOA

PFOA		Current	Method
Internal Standard: THPFOS	Noise Thres.	1.0	1.0
Use Area	Quant Thres.	0.9	0.9
Absolute Retention Time	Min. Width	3	3
Expected RT 4:27	Mult. Width	9	9
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
Expected RT 4:15	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

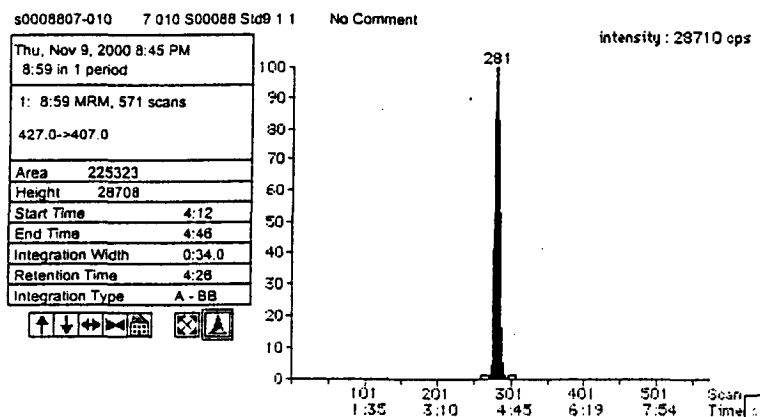
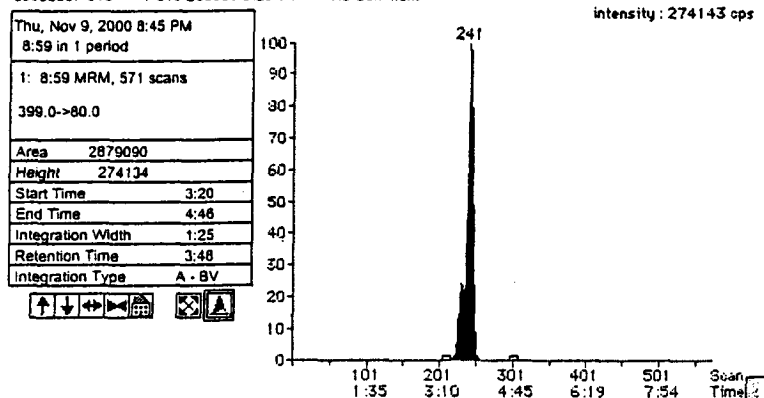


Figure 31. High Standard (523 ppb) for PFHS

PFHS		Current	Method
Internal Standard: THPFOS	Noise Thres.	3.0	3.0
Use Area	Quant Thres.	0.5	0.5
Absolute Retention Time	Min. Width	4	4
Expected RT 3:37	Mult. Width	12	12
	Base. Width	150	150
	RT Wn. (secs)	20	20
	Smooth	1	1

s0008807-010 7 010 S00088 Std9 1 1 No Comment



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
Expected RT 4:15	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
	RT Wn. (secs)	20	20
	Smooth	1	1

s0008807-010 7 010 S00088 Std9 1 1 No Comment

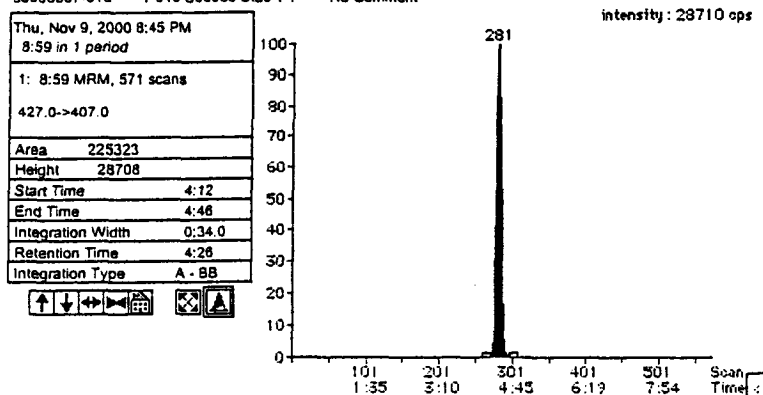
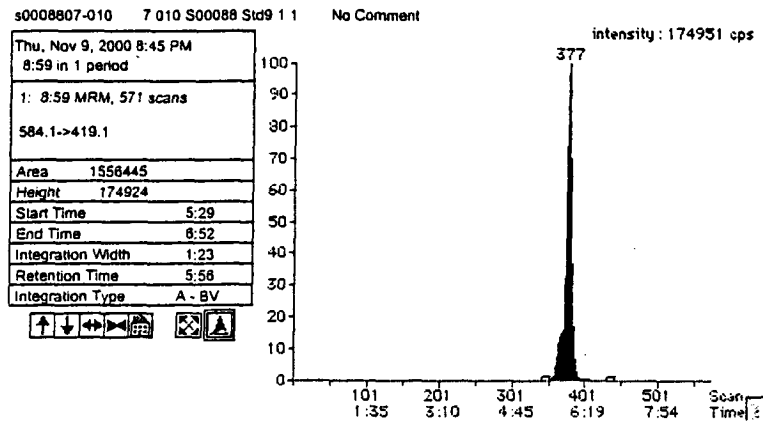


Figure 32. High Standard (501 ppb) for PFOSAA

PFOSAA		Current	Method
Internal Standard: THPFOS	Noise Thres.	4.0	4.0
Use Area	Quant Thres.	1.5	1.5
Absolute Retention Time	Min. Width	3	3
Expected RT 5:58	Mult. Width	13	13
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
Expected RT 4:15	RT Win. (secs)	20	20
	Smooth	1	1

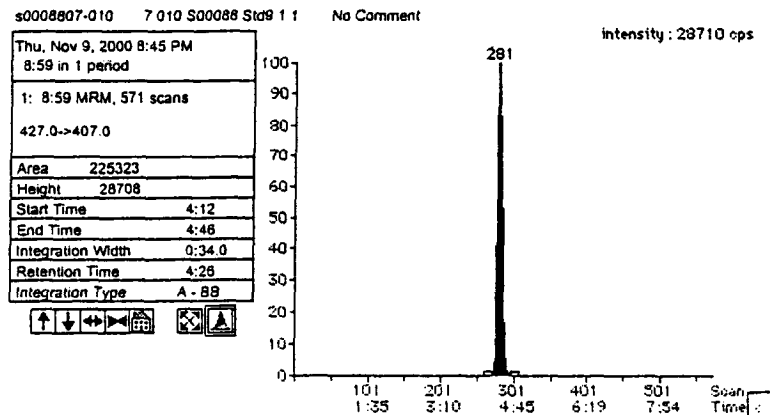
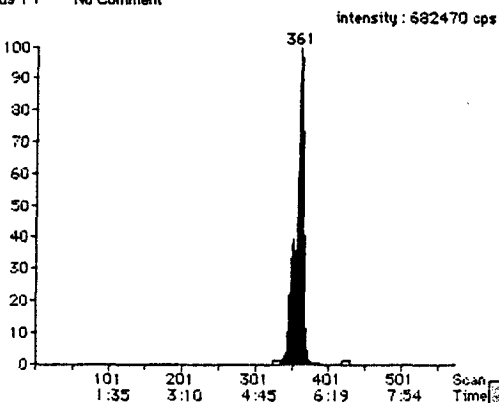


Figure 33. High Standard (500 ppb) for PFOSA

PFOSA		Current	Method
Internal Standard: THPFOS	Noise Thres.	3.0	3.0
Use Area	Quant Thres.	0.3	0.3
Absolute Retention Time	Min. Width	5	5
Expected RT 5:35	Mult. Width	10	10
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-010 7 010 S00088 Sid9 1 1 No Comment

Thu, Nov 9, 2000 8:45 PM
8:59 in 1 period
1: 8:59 MRM, 571 scans
498.0->78.0
Area 7776824
Height 682348
Start Time 5:12
End Time 8:39
Integration Width 1:27
Retention Time 5:41
Integration Type A - BV



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
Expected RT 4:15	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
	RT Win. (secs)	20	20
	Smooth	1	1

s0008807-010 7 010 S00088 Sid9 1 1 No Comment

Thu, Nov 9, 2000 8:45 PM
8:59 in 1 period
1: 8:59 MRM, 571 scans
427.0->407.0
Area 225323
Height 28708
Start Time 4:12
End Time 4:46
Integration Width 0:34.0
Retention Time 4:28
Integration Type A - BB

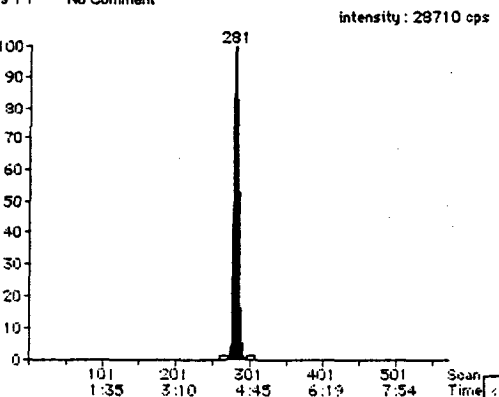
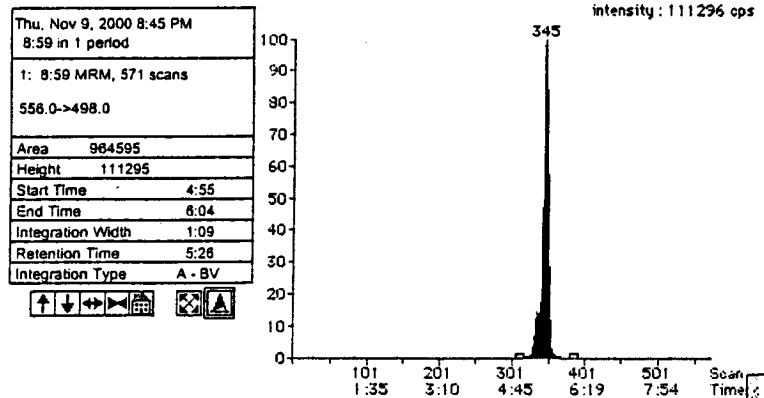


Figure 34. High Standard (500 ppb) for M556

M556		Current	Method
Internal Standard: THPFOS		Noise Thres.	0.4
Use Area		Quant Thres.	0.1
Absolute Retention Time		Min. Width	3
Expected RT 5:25		Mult. Width	10
		Base. Width	150
		RT Win. (secs)	20
		Smooth	1

s0008807-010 7 010 S00088 Sid9 1 1 No Comment



THPFOS		Current	Method
use as Internal Standard		Noise Thres.	10.0
		Quant Thres.	0.2
		Min. Width	3
		Mult. Width	10
Expected RT 4:15		Base. Width	150
		RT Win. (secs)	20
		Smooth	1

s0008807-010 7 010 S00088 Sid9 1 1 No Comment

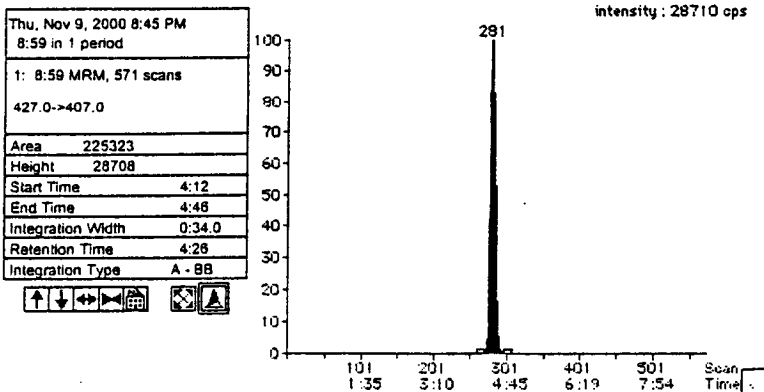
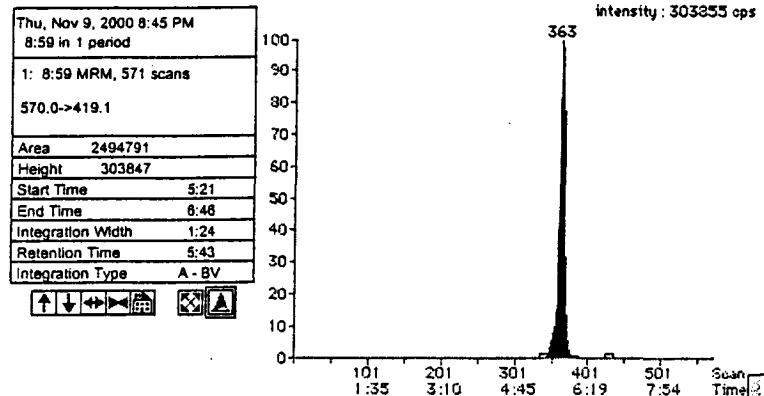


Figure 35. High Standard (500 ppb) for M570

M570		Current	Method
Internal Standard: THPFOS	Noise Thres.	3.0	3.0
Use Area	Quant Thres.	0.5	0.5
Absolute Retention Time	Min. Width	5	5
Expected RT 5.38	Mult. Width	15	15
	Base. Width	150	150
	RT Wn. (secs)	20	20
	Smooth	1	1

s0008807-010 7 010 S00088 Std9 1 1 No Comment



THPFOS		Current	Method
use as Internal Standard	Noise Thres.	10.0	10.0
Expected RT 4:15	Quant Thres.	0.2	0.2
	Min. Width	3	3
	Mult. Width	10	10
	Base. Width	150	150
	RT Wn. (secs)	20	20
	Smooth	1	1

s0008807-010 7 010 S00088 Std9 1 1 No Comment

