Integrated Analytical Laboratories LLC

ANALYTICAL DATA REPORT

JMC Environmental Consultants
2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742

Project Name: **ARSYNCO**
IAL Case Number: **E12-09199**

These data have been reviewed and accepted by:

Michael H. Leffin, Ph.D.
Laboratory Director

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273 Franklin Road
Randolph, NJ 07869
Phone: 973 361 4252
Fax: 973 989 5288

IAL is a NELAC New Jersey Certified Lab (14751) and maintains certification in Connecticut (PH-0699), New York (11402), Rhode Island (00126), Pennsylvania (68-00773) and in the Department of Navy IR QA Program

Sample Summary

IAL Case No.

E12-09199

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/11/2012@16:28

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
09199-001	M-12 (0-2.0)	0/2	9/11/2012@08:50	Soil	1
09199-002	M-12 (2.0-4.0)	2/4	9/11/2012@08:51	Soil	1
09199-003	M-12 (4.0-5.0)	4/5	9/11/2012@08:52	Soil	1
09199-004	M-12 (5.0-6.0)	5/6	9/11/2012@08:53	Soil	1
09199-005	M-13 (0-2.0)	0/2	9/11/2012@09:10	Soil	1
09199-006	M-13 (2.0-4.0)	2/4	9/11/2012@09:11	Soil	1
09199-007	M-13 (4.0-5.25)	4/5.25	9/11/2012@09:12	Soil	1
09199-008	M-13 (5.25-6.0)	5.25/6	9/11/2012@09:13	Soil	1
09199-009	M-14 (0-2.0)	0/2	9/11/2012@09:48	Soil	1
09199-010	M-14 (2.0-4.0)	2/4	9/11/2012@09:49	Soil	1
09199-011	M-14 (4.0-5.25)	4/5.25	9/11/2012@09:50	Soil	1
09199-012	M-14 (5.25-6.0)	5.25/6	9/11/2012@09:51	Soil	1
09199-013	M-15 (0-2.0)	0/2	9/11/2012@10:07	Soil	1
09199-014	M-15 (2.0-4.0)	2/4	9/11/2012@10:08	Soil	1
09199-015	M-15 (4.0-5.0)	4/5	9/11/2012@10:09	Soil	1
09199-016	M-15 (5.0-6.0)	5/6	9/11/2012@10:10	Soil	1
09199-017	N-15 (0-2.0)	0/2	9/11/2012@10:39	Soil	1
09199-018	N-15 (2.0-4.0)	2/4	9/11/2012@10:40	Soil	1
09199-019	N-15 (4.0-5.0)	4/5	9/11/2012@10:41	Soil	1
09199-020	N-15 (5.0-6.0)	5/6	9/11/2012@10:42	Soil	1
09199-021	P-15 (4.0-5.0)	4/5	9/11/2012@11:05	Soil	1
09199-022	P-15 (5.0-6.0)	5/6	9/11/2012@11:06	Soil	1
09199-023	P-15 (6.0-7.0)	6/7	9/11/2012@11:07	Soil	1
09199-024	P-15 (7.0-8.0)	7/8	9/11/2012@11:08	Soil	1
09199-025	O-16 (0-2.0)	0/2	9/11/2012@11:50	Soil	1
09199-026	O-16 (2.0-4.0)	2/4	9/11/2012@11:51	Soil	1
09199-027	O-16 (4.0-5.0)	4/5	9/11/2012@11:52	Soil	1
09199-028	O-16 (5.0-6.0)	5/6	9/11/2012@11:53	Soil	1
09199-029	O-17 (0-2.0)	0/2	9/11/2012@12:10	Soil	1
09199-030	O-17 (2.0-4.0)	2/4	9/11/2012@12:11	Soil	1
09199-031	O-17 (4.0-4.5)	4/4.5	9/11/2012@12:12	Soil	1
09199-032	O-17 (4.5-5.25)	4.5/5.25	9/11/2012@12:13	Soil	1
09199-033	O-17 (5.25-6.0)	5.25/6	9/11/2012@12:14	Soil	1
09199-034	O-18 (0-2.0)	0/2	9/11/2012@12:59	Soil	1
09199-035	O-18 (2.0-4.0)	2/4	9/11/2012@13:00	Soil	1
09199-036	O-18 (4.0-5.0)	4/5	9/11/2012@13:02	Soil	1
09199-037	O-18 (5.0-6.0)	5/6	9/11/2012@13:03	Soil	1
09199-038	O-19 (0-2.0)	0/2	9/11/2012@13:22	Soil	1
09199-039	O-19 (2.0-4.0)	2/4	9/11/2012@13:23	Soil	1
09199-040	O-19 (4.0-5.0)	4/5	9/11/2012@13:25	Soil	1
09199-041	O-19 (5.0-6.0)	5/6	9/11/2012@13:26	Soil	1
09199-042	O-21 (0-2.0)	0/2	9/11/2012@13:40	Soil	1
09199-043	O-21 (2.0-4.0)	2/4	9/11/2012@13:41	Soil	1
09199-044	O-21 (4.0-5.0)	4/5	9/11/2012@13:42	Soil	1
09199-045	O-21 (5.0-6.0)	5/6	9/11/2012@13:42	Soil	1
09199-046	N-21 (0-2.0)	0/2	9/11/2012@14:01	Soil	1

Integrated Analytical Labs ~ 273 Franklin Road, Randolph, NJ 07869 ~ (973) 361-4252 ~ Fax (973) 989-5288

Sample Summary

IAL Case No.

E12-09199

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/11/2012@16:28

Lab ID	Client Sample ID	Depth Top/Bottom	Sampling Time	Matrix	# of Container
09199-047	N-21 (2.0-4.0)	2/4	9/11/2012@14:02	Soil	1
09199-048	N-21 (4.0-5.25)	4/5.25	9/11/2012@14:03	Soil	1
09199-049	N-21 (5.25-6.0)	5.25/6	9/11/2012@14:04	Soil	1
09199-050	N-20 (0-2.0)	0/2	9/11/2012@14:42	Soil	1
09199-051	N-20 (2.0-4.0)	2/4	9/11/2012@14:44	Soil	1
09199-052	N-20 (4.0-5.0)	4/5	9/11/2012@14:45	Soil	1
09199-053	N-20 (5.0-6.0)	5/6	9/11/2012@14:46	Soil	1
09199-054	FB-40	n/a	9/11/2012@14:55	Aqueous	2

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

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This report was finalized on October 25, 2012

* Methodology is included in the IAL Project Information Page

INTEGRATED ANALYTICAL LABORATORIES, LLC.

DEFINITIONS / QUALIFIERS

DATA QUALIFIERS

B Indicates the analyte was found in the associated method blank as well as in the sample. It indicates probable laboratory contamination.

C Indicates analyte is a common laboratory contaminant.

D Indicated analyte was reported from diluted analysis.

E Identifies a compound concentration that exceeds the upper level of the calibration range of the instrument for that specific analysis.

J Indicates an estimated value. This flag is used when the concentration in the sample is below the RL but above the MDL.

REPORTING DEFINITIONS

RL Reporting Limit. The RL is determined by the lowest concentration in the calibration curve. For most Wet Chemistry methods, the RL is defined by using the PQL.

MDL Method Detection Limit as determined according to 40CFR Part 136 Appendix B.

PQL Practical Quantitation Limit. Usually defined as a value 3-5 times the MDL.

ND Indicates analyte was analyzed for but not detected above the MDL.

DF Dilution Factor

LCS Laboratory Control Sample

LCSD Laboratory Control Sample Duplicate

MS Matrix Spike

MSD Matrix Spike Duplicate

DUP Duplicate

CONFORMANCE / NON-CONFORMANCE SUMMARIES

INTEGRATED ANALYTICAL LABORATORIES, LLC.

CONFORMANCE / NONCONFORMANCE SUMMARY

Integrated Analytical Laboratories, LLC. received one (1) aqueous and fifty-three (53) soil sample(s) from JMC Environmental Consultants (IAL SDG # E12-09199, Project: ARSYNCO) on September 11, 2012 for the analysis of:

(54) TCL PCB

A review of the QA/QC measures for the analysis of the sample(s) contained in this report has been performed by:

Reviewed by	9/26/12 Date

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09199

PCB By 8082

Batch ID: 120913-09	**Matrix: Aqueous**

QC
- Calibration Curve met QC criteria.
- Surrogate Percent Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.

E12-09199
- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09199

PCB By 8082

Batch ID: 120914-02	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery met QC criteria.
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The RPD between the primary and secondary column was >40% for the following sampls: 1,14. Per SW-846 8000C, the lower of the two concentrations were reported.

E12-09199

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Job: E12-09199 (PCB)
  The following sample(s) does not meet the NJ SRS:
  09199-005 needed a 10x dilution for high concentration of 1248
  09199-009 needed a 10x dilution for high concentration of 1248
  09199-013 needed a 10x dilution for high concentration of 1248

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09199

PCB By 8082

Batch ID: 120914-05	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. FOR THE FOLLOWING SAMPLES 038,050,051 SURROGATE DILUTED OUT
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.
- The RPD between the primary and secondary column was >40% for the following sampls: 51,53. Per SW-846 8000C, the lower of the two concentrations were reported.

E12-09199

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Job: E12-09199 (PCB)
  The following sample(s) does not meet the NJ SRS:
  09199-038 needed a 100x dilution for high concentration of 1248
  09199-050 needed a 100x dilution for high concentration of 1248
  09199-051 needed a 100x dilution for high concentration of 1248

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09199

PCB By 8082

Batch ID: 120914-04	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. FOR SAMPLES 021,022,023,029,030,034,035 SURROGATE DILUTED OUT
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.

E12-09199

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Job: E12-09199 (PCB)
  The following sample(s) does not meet the NJ SRS:
  09199-021 needed a 1000x dilution for high concentration of 1248
  09199-022 needed a 100x dilution for high concentration of 1248
  09199-023 needed a 10000x dilution for high concentration of 1248
  09199-029 needed a 100x dilution for high concentration of 1248
  09199-030 needed a 100x dilution for high concentration of 1248
  09199-034 needed a 100x dilution for high concentration of 1248
  09199-035 needed a 100x dilution for high concentration of 1248

SAMPLE DELIVERY GROUP CASE NARRATIVE

SDG#: E12-09199

PCB By 8082

Batch ID: 120914-04	**Matrix: Soil**

QC

- Calibration Curve met QC criteria.
- Surrogate Percent Recovery did not meet QC criteria. FOR SAMPLE 024 SURROGATE DILUTED OUT
- Method Blank met QC criteria.
- LCS Percent Recovery met QC criteria.
- MS/MSD Percent Recovery met QC criteria.
- RPD between MS/MSD met QC criteria.

E12-09199

- All samples were extracted within holding time.
- All samples were analyzed within holding time.
- Retention Time Shift met QC criteria.
- Job: E12-09199 (PCB)
  The following sample(s) does not meet the NJ SRS:
  09199-024 needed a 100x dilution for high concentration of 1248

10/25/12 - A.D.

RESULTS SUMMARY REPORT

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09199

Lab ID:	**09199-054**		
Client ID:	**FB-40**		
Matrix:	**Aqueous**		
Sampled Date	**9/11/12**		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/L-ppm)*		
Aroclor-1016	ND		0.00002
Aroclor-1221	ND		0.00002
Aroclor-1232	ND		0.00002
Aroclor-1242	ND		0.00002
Aroclor-1248	ND		0.00002
Aroclor-1254	ND		0.00002
Aroclor-1260	ND		0.00002
Aroclor-1262	ND		0.00002
Aroclor-1268	ND		0.00002
PCBs	ND		0.00002

Lab ID:	**09199-001**			**09199-002**			**09199-003**			**09199-004**	
Client ID:	**M-12 (0-2.0)**			**M-12 (2.0-4.0)**			**M-12 (4.0-5.0)**			**M-12 (5.0-6.0)**	
Depth:	**0/2**			**2/4**			**4/5**			**5/6**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**9/11/12**			**9/11/12**			**9/11/12**			**9/11/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		0.016	ND		0.026	ND		0.045	ND		0.017
Aroclor-1221	ND		0.016	ND		0.026	ND		0.045	ND		0.017
Aroclor-1232	ND		0.016	ND		0.026	ND		0.045	ND		0.017
Aroclor-1242	ND		0.016	ND		0.026	ND		0.045	ND		0.017
Aroclor-1248	0.828		0.016	ND		0.026	ND		0.045	ND		0.017
Aroclor-1254	ND		0.016	ND		0.026	ND		0.045	ND		0.017
Aroclor-1260	0.416		0.016	ND		0.026	ND		0.045	ND		0.017
Aroclor-1262	ND		0.016	ND		0.026	ND		0.045	ND		0.017
Aroclor-1268	ND		0.016	ND		0.026	ND		0.045	ND		0.017
PCBs	1.24		0.016	ND		0.026	ND		0.045	ND		0.017

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09199

Lab ID:	**09199-005**			**09199-006**			**09199-007**			**09199-008**		
Client ID:	**M-13 (0-2.0)**			**M-13 (2.0-4.0)**			**M-13 (4.0-5.25)**			**M-13 (5.25-6.0)**		
Depth:	**0/2**			**2/4**			**4/5.25**			**5.25/6**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**9/11/12**			**9/11/12**			**9/11/12**			**9/11/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.178	ND		0.021	ND		0.044	ND		0.017
Aroclor-1221	ND		0.178	ND		0.021	ND		0.044	ND		0.017
Aroclor-1232	ND		0.178	ND		0.021	ND		0.044	ND		0.017
Aroclor-1242	ND		0.178	ND		0.021	ND		0.044	ND		0.017
Aroclor-1248	36.0		0.178	0.180		0.021	ND		0.044	ND		0.017
Aroclor-1254	ND		0.178	ND		0.021	ND		0.044	ND		0.017
Aroclor-1260	ND		0.178	ND		0.021	ND		0.044	ND		0.017
Aroclor-1262	ND		0.178	ND		0.021	ND		0.044	ND		0.017
Aroclor-1268	ND		0.178	ND		0.021	ND		0.044	ND		0.017
PCBs	36.0		0.178	0.180		0.021	ND		0.044	ND		0.017

Lab ID:	**09199-009**			**09199-010**			**09199-011**			**09199-012**		
Client ID:	**M-14 (0-2.0)**			**M-14 (2.0-4.0)**			**M-14 (4.0-5.25)**			**M-14 (5.25-6.0)**		
Depth:	**0/2**			**2/4**			**4/5.25**			**5.25/6**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**9/11/12**			**9/11/12**			**9/11/12**			**9/11/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.218	ND		0.020	ND		0.043	ND		0.020
Aroclor-1221	ND		0.218	ND		0.020	ND		0.043	ND		0.020
Aroclor-1232	ND		0.218	ND		0.020	ND		0.043	ND		0.020
Aroclor-1242	ND		0.218	ND		0.020	ND		0.043	ND		0.020
Aroclor-1248	21.2		0.218	2.75		0.020	ND		0.043	ND		0.020
Aroclor-1254	ND		0.218	ND		0.020	ND		0.043	ND		0.020
Aroclor-1260	ND		0.218	ND		0.020	ND		0.043	ND		0.020
Aroclor-1262	ND		0.218	ND		0.020	ND		0.043	ND		0.020
Aroclor-1268	ND		0.218	ND		0.020	ND		0.043	ND		0.020
PCBs	21.2		0.218	2.75		0.020	ND		0.043	ND		0.020

Lab ID:	**09199-013**			**09199-014**			**09199-015**			**09199-016**		
Client ID:	**M-15 (0-2.0)**			**M-15 (2.0-4.0)**			**M-15 (4.0-5.0)**			**M-15 (5.0-6.0)**		
Depth:	**0/2**			**2/4**			**4/5**			**5/6**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**9/11/12**			**9/11/12**			**9/11/12**			**9/11/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.166	ND		0.015	ND		0.051	ND		0.017
Aroclor-1221	ND		0.166	ND		0.015	ND		0.051	ND		0.017
Aroclor-1232	ND		0.166	ND		0.015	ND		0.051	ND		0.017
Aroclor-1242	ND		0.166	ND		0.015	ND		0.051	ND		0.017
Aroclor-1248	19.0		0.166	0.060		0.015	ND		0.051	ND		0.017
Aroclor-1254	ND		0.166	ND		0.015	ND		0.051	ND		0.017
Aroclor-1260	ND		0.166	ND		0.015	ND		0.051	ND		0.017
Aroclor-1262	ND		0.166	ND		0.015	ND		0.051	ND		0.017
Aroclor-1268	ND		0.166	ND		0.015	ND		0.051	ND		0.017
PCBs	19.0		0.166	0.060		0.015	ND		0.051	ND		0.017

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09199

Lab ID:	09199-017			09199-018			09199-019			09199-020		
Client ID:	N-15 (0-2.0)			N-15 (2.0-4.0)			N-15 (4.0-5.0)			N-15 (5.0-6.0)		
Depth:	0/2			2/4			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/11/12			9/11/12			9/11/12			9/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.018	ND		0.022	ND		0.024	ND		0.032
Aroclor-1221	ND		0.018	ND		0.022	ND		0.024	ND		0.032
Aroclor-1232	ND		0.018	ND		0.022	ND		0.024	ND		0.032
Aroclor-1242	ND		0.018	ND		0.022	ND		0.024	ND		0.032
Aroclor-1248	0.361		0.018	1.24		0.022	0.233		0.024	7.72		0.032
Aroclor-1254	ND		0.018	ND		0.022	ND		0.024	ND		0.032
Aroclor-1260	ND		0.018	ND		0.022	ND		0.024	ND		0.032
Aroclor-1262	ND		0.018	ND		0.022	ND		0.024	ND		0.032
Aroclor-1268	ND		0.018	ND		0.022	ND		0.024	ND		0.032
PCBs	0.361		0.018	1.24		0.022	0.233		0.024	7.72		0.032

Lab ID:	09199-021			09199-022			09199-023			09199-024		
Client ID:	P-15 (4.0-5.0)			P-15 (5.0-6.0)			P-15 (6.0-7.0)			P-15 (7.0-8.0)		
Depth:	4/5			5/6			6/7			7/8		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/11/12			9/11/12			9/11/12			9/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		19.4	ND		1.84	ND		176	ND		1.92
Aroclor-1221	ND		19.4	ND		1.84	ND		176	ND		1.92
Aroclor-1232	ND		19.4	ND		1.84	ND		176	ND		1.92
Aroclor-1242	ND		19.4	ND		1.84	ND		176	ND		1.92
Aroclor-1248	595		19.4	301		1.84	21500		176	323		1.92
Aroclor-1254	ND		19.4	ND		1.84	ND		176	ND		1.92
Aroclor-1260	ND		19.4	ND		1.84	ND		176	ND		1.92
Aroclor-1262	ND		19.4	ND		1.84	ND		176	ND		1.92
Aroclor-1268	ND		19.4	ND		1.84	ND		176	ND		1.92
PCBs	595		19.4	301		1.84	21500		176	323		1.92

Lab ID:	09199-025			09199-026			09199-027			09199-028		
Client ID:	O-16 (0-2.0)			O-16 (2.0-4.0)			O-16 (4.0-5.0)			O-16 (5.0-6.0)		
Depth:	0/2			2/4			4/5			5/6		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/11/12			9/11/12			9/11/12			9/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.019	ND		0.020	ND		0.019	ND		0.020
Aroclor-1221	ND		0.019	ND		0.020	ND		0.019	ND		0.020
Aroclor-1232	ND		0.019	ND		0.020	ND		0.019	ND		0.020
Aroclor-1242	ND		0.019	ND		0.020	ND		0.019	ND		0.020
Aroclor-1248	1.47		0.019	0.210		0.020	ND		0.019	0.086		0.020
Aroclor-1254	ND		0.019	ND		0.020	ND		0.019	ND		0.020
Aroclor-1260	ND		0.019	ND		0.020	ND		0.019	ND		0.020
Aroclor-1262	ND		0.019	ND		0.020	ND		0.019	ND		0.020
Aroclor-1268	ND		0.019	ND		0.020	ND		0.019	ND		0.020
PCBs	1.47		0.019	0.210		0.020	ND		0.019	0.086		0.020

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09199

Lab ID:	**09199-029**			**09199-030**			**09199-031**			**09199-032**		
Client ID:	**O-17 (0-2.0)**			**O-17 (2.0-4.0)**			**O-17 (4.0-4.5)**			**O-17 (4.5-5.25)**		
Depth:	**0/2**			**2/4**			**4/4.5**			**4.5/5.25**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**9/11/12**			**9/11/12**			**9/11/12**			**9/11/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		1.82	ND		2.13	ND		0.027	ND		0.063
Aroclor-1221	ND		1.82	ND		2.13	ND		0.027	ND		0.063
Aroclor-1232	ND		1.82	ND		2.13	ND		0.027	ND		0.063
Aroclor-1242	ND		1.82	ND		2.13	ND		0.027	ND		0.063
Aroclor-1248	257		1.82	112		2.13	1.97		0.027	0.979		0.063
Aroclor-1254	ND		1.82	ND		2.13	ND		0.027	ND		0.063
Aroclor-1260	ND		1.82	ND		2.13	ND		0.027	ND		0.063
Aroclor-1262	ND		1.82	ND		2.13	ND		0.027	ND		0.063
Aroclor-1268	ND		1.82	ND		2.13	ND		0.027	ND		0.063
PCBs	257		1.82	112		2.13	1.97		0.027	0.979		0.063

Lab ID:	**09199-033**			**09199-034**			**09199-035**			**09199-036**		
Client ID:	**O-17 (5.25-6.0)**			**O-18 (0-2.0)**			**O-18 (2.0-4.0)**			**O-18 (4.0-5.0)**		
Depth:	**5.25/6**			**0/2**			**2/4**			**4/5**		
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**		
Sampled Date	**9/11/12**			**9/11/12**			**9/11/12**			**9/11/12**		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.019	ND		1.53	ND		2.02	ND		0.052
Aroclor-1221	ND		0.019	ND		1.53	ND		2.02	ND		0.052
Aroclor-1232	ND		0.019	ND		1.53	ND		2.02	ND		0.052
Aroclor-1242	ND		0.019	ND		1.53	ND		2.02	ND		0.052
Aroclor-1248	ND		0.019	470		1.53	282		2.02	2.01		0.052
Aroclor-1254	ND		0.019	ND		1.53	ND		2.02	ND		0.052
Aroclor-1260	ND		0.019	ND		1.53	ND		2.02	ND		0.052
Aroclor-1262	ND		0.019	ND		1.53	ND		2.02	ND		0.052
Aroclor-1268	ND		0.019	ND		1.53	ND		2.02	ND		0.052
PCBs	ND		0.019	470		1.53	282		2.02	2.01		0.052

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09199

Lab ID:	**09199-037**			**09199-038**			**09199-039**			**09199-040**	
Client ID:	**O-18 (5.0-6.0)**			**O-19 (0-2.0)**			**O-19 (2.0-4.0)**			**O-19 (4.0-5.0)**	
Depth:	**5/6**			**0/2**			**2/4**			**4/5**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**9/11/12**			**9/11/12**			**9/11/12**			**9/11/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		0.018	ND		1.62	ND		0.022	ND		0.062
Aroclor-1221	ND		0.018	ND		1.62	ND		0.022	ND		0.062
Aroclor-1232	ND		0.018	ND		1.62	ND		0.022	ND		0.062
Aroclor-1242	ND		0.018	ND		1.62	ND		0.022	ND		0.062
Aroclor-1248	0.340		0.018	51.2		1.62	3.79		0.022	0.409		0.062
Aroclor-1254	ND		0.018	ND		1.62	ND		0.022	ND		0.062
Aroclor-1260	ND		0.018	ND		1.62	ND		0.022	ND		0.062
Aroclor-1262	ND		0.018	ND		1.62	ND		0.022	ND		0.062
Aroclor-1268	ND		0.018	ND		1.62	ND		0.022	ND		0.062
PCBs	0.340		0.018	51.2		1.62	3.79		0.022	0.409		0.062

Lab ID:	**09199-041**			**09199-042**			**09199-043**			**09199-044**	
Client ID:	**O-19 (5.0-6.0)**			**O-21 (0-2.0)**			**O-21 (2.0-4.0)**			**O-21 (4.0-5.0)**	
Depth:	**5/6**			**0/2**			**2/4**			**4/5**	
Matrix:	**Soil**			**Soil**			**Soil**			**Soil**	
Sampled Date	**9/11/12**			**9/11/12**			**9/11/12**			**9/11/12**	
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*	
Aroclor-1016	ND		0.021	ND		0.018	ND		0.018	ND		0.064
Aroclor-1221	ND		0.021	ND		0.018	ND		0.018	ND		0.064
Aroclor-1232	ND		0.021	ND		0.018	ND		0.018	ND		0.064
Aroclor-1242	ND		0.021	ND		0.018	ND		0.018	ND		0.064
Aroclor-1248	ND		0.021	0.226		0.018	ND		0.018	ND		0.064
Aroclor-1254	ND		0.021	ND		0.018	ND		0.018	ND		0.064
Aroclor-1260	ND		0.021	ND		0.018	ND		0.018	ND		0.064
Aroclor-1262	ND		0.021	ND		0.018	ND		0.018	ND		0.064
Aroclor-1268	ND		0.021	ND		0.018	ND		0.018	ND		0.064
PCBs	ND		0.021	0.226		0.018	ND		0.018	ND		0.064

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INTEGRATED ANALYTICAL LABORATORIES, LLC.

SUMMARY REPORT
Client: JMC Environmental Consultants
Project: ARSYNCO
Lab Case No.: E12-09199

Lab ID:	09199-045			09199-046			09199-047			09199-048		
Client ID:	O-21 (5.0-6.0)			N-21 (0-2.0)			N-21 (2.0-4.0)			N-21 (4.0-5.25)		
Depth:	5/6			0/2			2/4			4/5.25		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/11/12			9/11/12			9/11/12			9/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.019	ND		0.017	ND		0.016	ND		0.063
Aroclor-1221	ND		0.019	ND		0.017	ND		0.016	ND		0.063
Aroclor-1232	ND		0.019	ND		0.017	ND		0.016	ND		0.063
Aroclor-1242	ND		0.019	ND		0.017	ND		0.016	ND		0.063
Aroclor-1248	ND		0.019	0.249		0.017	ND		0.016	ND		0.063
Aroclor-1254	ND		0.019	ND		0.017	ND		0.016	ND		0.063
Aroclor-1260	ND		0.019	ND		0.017	ND		0.016	ND		0.063
Aroclor-1262	ND		0.019	ND		0.017	ND		0.016	ND		0.063
Aroclor-1268	ND		0.019	ND		0.017	ND		0.016	ND		0.063
PCBs	ND		0.019	0.249		0.017	ND		0.016	ND		0.063

Lab ID:	09199-049			09199-050			09199-051			09199-052		
Client ID:	N-21 (5.25-6.0)			N-20 (0-2.0)			N-20 (2.0-4.0)			N-20 (4.0-5.0)		
Depth:	5.25/6			0/2			2/4			4/5		
Matrix:	Soil			Soil			Soil			Soil		
Sampled Date	9/11/12			9/11/12			9/11/12			9/11/12		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.019	ND		1.61	ND		1.81	ND		0.075
Aroclor-1221	ND		0.019	ND		1.61	ND		1.81	ND		0.075
Aroclor-1232	ND		0.019	ND		1.61	ND		1.81	ND		0.075
Aroclor-1242	ND		0.019	ND		1.61	ND		1.81	ND		0.075
Aroclor-1248	0.035	J	0.019	11.2		1.61	21.1		1.81	ND		0.075
Aroclor-1254	ND		0.019	ND		1.61	ND		1.81	ND		0.075
Aroclor-1260	ND		0.019	ND		1.61	ND		1.81	ND		0.075
Aroclor-1262	ND		0.019	ND		1.61	ND		1.81	ND		0.075
Aroclor-1268	ND		0.019	ND		1.61	ND		1.81	ND		0.075
PCBs	0.035	J	0.019	11.2		1.61	21.1		1.81	ND		0.075

Lab ID:	09199-053		
Client ID:	N-20 (5.0-6.0)		
Depth:	5/6		
Matrix:	Soil		
Sampled Date	9/11/12		
PARAMETER(Units)	Conc	Q	MDL
PCB's (Units)	*(mg/Kg-ppm)*		
Aroclor-1016	ND		0.018
Aroclor-1221	ND		0.018
Aroclor-1232	ND		0.018
Aroclor-1242	ND		0.018
Aroclor-1248	0.176		0.018
Aroclor-1254	ND		0.018
Aroclor-1260	ND		0.018
Aroclor-1262	ND		0.018
Aroclor-1268	ND		0.018
PCBs	0.176		0.018

ND = Analyzed for but Not Detected at the MDL
J = The concentration was detected at a value below the RL and above the MDL

ANALYTICAL RESULTS

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-001
Client ID: M-12_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1782.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.78g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.041	0.016
Aroclor-1221	ND		0.041	0.016
Aroclor-1232	ND		0.041	0.016
Aroclor-1242	ND		0.041	0.016
Aroclor-1248	0.828		0.041	0.016
Aroclor-1254	ND		0.041	0.016
Aroclor-1260	0.416		0.041	0.016
Aroclor-1262	ND		0.041	0.016
Aroclor-1268	ND		0.041	0.016
PCBs	1.24		0.041	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-002
Client ID: M-12_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1830.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 41.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.064	0.026
Aroclor-1221	ND		0.064	0.026
Aroclor-1232	ND		0.064	0.026
Aroclor-1242	ND		0.064	0.026
Aroclor-1248	ND		0.064	0.026
Aroclor-1254	ND		0.064	0.026
Aroclor-1260	ND		0.064	0.026
Aroclor-1262	ND		0.064	0.026
Aroclor-1268	ND		0.064	0.026
PCBs	ND		0.064	0.026

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-003
Client ID: M-12_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1831.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 66.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.112	0.045
Aroclor-1221	ND		0.112	0.045
Aroclor-1232	ND		0.112	0.045
Aroclor-1242	ND		0.112	0.045
Aroclor-1248	ND		0.112	0.045
Aroclor-1254	ND		0.112	0.045
Aroclor-1260	ND		0.112	0.045
Aroclor-1262	ND		0.112	0.045
Aroclor-1268	ND		0.112	0.045
PCBs	ND		0.112	0.045

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-004
Client ID: M-12_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1785.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.76g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.041	0.017
Aroclor-1221	ND		0.041	0.017
Aroclor-1232	ND		0.041	0.017
Aroclor-1242	ND		0.041	0.017
Aroclor-1248	ND		0.041	0.017
Aroclor-1254	ND		0.041	0.017
Aroclor-1260	ND		0.041	0.017
Aroclor-1262	ND		0.041	0.017
Aroclor-1268	ND		0.041	0.017
PCBs	ND		0.041	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-005
Client ID: M-13_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1832.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 13.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.446	0.178
Aroclor-1221	ND		0.446	0.178
Aroclor-1232	ND		0.446	0.178
Aroclor-1242	ND		0.446	0.178
Aroclor-1248	36.0		0.446	0.178
Aroclor-1254	ND		0.446	0.178
Aroclor-1260	ND		0.446	0.178
Aroclor-1262	ND		0.446	0.178
Aroclor-1268	ND		0.446	0.178
PCBs	36.0		0.446	0.178

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-006
Client ID: M-13_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1787.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.021
Aroclor-1221	ND		0.051	0.021
Aroclor-1232	ND		0.051	0.021
Aroclor-1242	ND		0.051	0.021
Aroclor-1248	0.180		0.051	0.021
Aroclor-1254	ND		0.051	0.021
Aroclor-1260	ND		0.051	0.021
Aroclor-1262	ND		0.051	0.021
Aroclor-1268	ND		0.051	0.021
PCBs	0.180		0.051	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-007
Client ID: M-13_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1833.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.26g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 65.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.110	0.044
Aroclor-1221	ND		0.110	0.044
Aroclor-1232	ND		0.110	0.044
Aroclor-1242	ND		0.110	0.044
Aroclor-1248	ND		0.110	0.044
Aroclor-1254	ND		0.110	0.044
Aroclor-1260	ND		0.110	0.044
Aroclor-1262	ND		0.110	0.044
Aroclor-1268	ND		0.110	0.044
PCBs	ND		0.110	0.044

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-008
Client ID: M-13_(5.25
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1789.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 17.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	ND		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-009
Client ID: M-14_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1834.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.27g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 30.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.544	0.218
Aroclor-1221	ND		0.544	0.218
Aroclor-1232	ND		0.544	0.218
Aroclor-1242	ND		0.544	0.218
Aroclor-1248	21.2		0.544	0.218
Aroclor-1254	ND		0.544	0.218
Aroclor-1260	ND		0.544	0.218
Aroclor-1262	ND		0.544	0.218
Aroclor-1268	ND		0.544	0.218
PCBs	21.2		0.544	0.218

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-010
Client ID: M-14_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1791.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.72g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 28.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	2.75		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	2.75		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-011
Client ID: M-14_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1835.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.20g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 64.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.107	0.043
Aroclor-1221	ND		0.107	0.043
Aroclor-1232	ND		0.107	0.043
Aroclor-1242	ND		0.107	0.043
Aroclor-1248	ND		0.107	0.043
Aroclor-1254	ND		0.107	0.043
Aroclor-1260	ND		0.107	0.043
Aroclor-1262	ND		0.107	0.043
Aroclor-1268	ND		0.107	0.043
PCBs	ND		0.107	0.043

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-012
Client ID: M-14_(5.25
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1793.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.13g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	ND		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	ND		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-013
Client ID: M-15_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1836.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.70g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10
% Moisture: 15.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.416	0.166
Aroclor-1221	ND		0.416	0.166
Aroclor-1232	ND		0.416	0.166
Aroclor-1242	ND		0.416	0.166
Aroclor-1248	19.0		0.416	0.166
Aroclor-1254	ND		0.416	0.166
Aroclor-1260	ND		0.416	0.166
Aroclor-1262	ND		0.416	0.166
Aroclor-1268	ND		0.416	0.166
PCBs	19.0		0.416	0.166

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-014
Client ID: M-15_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1795.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.99g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 11.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.038	0.015
Aroclor-1221	ND		0.038	0.015
Aroclor-1232	ND		0.038	0.015
Aroclor-1242	ND		0.038	0.015
Aroclor-1248	0.060		0.038	0.015
Aroclor-1254	ND		0.038	0.015
Aroclor-1260	ND		0.038	0.015
Aroclor-1262	ND		0.038	0.015
Aroclor-1268	ND		0.038	0.015
PCBs	0.060		0.038	0.015

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-015
Client ID: M-15_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1837.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.32g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 70.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.128	0.051
Aroclor-1221	ND		0.128	0.051
Aroclor-1232	ND		0.128	0.051
Aroclor-1242	ND		0.128	0.051
Aroclor-1248	ND		0.128	0.051
Aroclor-1254	ND		0.128	0.051
Aroclor-1260	ND		0.128	0.051
Aroclor-1262	ND		0.128	0.051
Aroclor-1268	ND		0.128	0.051
PCBs	ND		0.128	0.051

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-016
Client ID: M-15_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1797.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.80g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	ND		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	ND		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-017
Client ID: N-15_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1804.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.38g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.1

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	0.361		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	0.361		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-018
Client ID: N-15_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1805.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.42g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 32.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	ND		0.054	0.022
Aroclor-1248	1.24		0.054	0.022
Aroclor-1254	ND		0.054	0.022
Aroclor-1260	ND		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	1.24		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-019
Client ID: N-15_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1806.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 34.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.061	0.024
Aroclor-1221	ND		0.061	0.024
Aroclor-1232	ND		0.061	0.024
Aroclor-1242	ND		0.061	0.024
Aroclor-1248	0.233		0.061	0.024
Aroclor-1254	ND		0.061	0.024
Aroclor-1260	ND		0.061	0.024
Aroclor-1262	ND		0.061	0.024
Aroclor-1268	ND		0.061	0.024
PCBs	0.233		0.061	0.024

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-020
Client ID: N-15_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1838.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.81g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 2
% Moisture: 14.4

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.080	0.032
Aroclor-1221	ND		0.080	0.032
Aroclor-1232	ND		0.080	0.032
Aroclor-1242	ND		0.080	0.032
Aroclor-1248	7.72		0.080	0.032
Aroclor-1254	ND		0.080	0.032
Aroclor-1260	ND		0.080	0.032
Aroclor-1262	ND		0.080	0.032
Aroclor-1268	ND		0.080	0.032
PCBs	7.72		0.080	0.032

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-021
Client ID: P-15_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1841.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1000
% Moisture: 20.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		48.4	19.4
Aroclor-1221	ND		48.4	19.4
Aroclor-1232	ND		48.4	19.4
Aroclor-1242	ND		48.4	19.4
Aroclor-1248	595		48.4	19.4
Aroclor-1254	ND		48.4	19.4
Aroclor-1260	ND		48.4	19.4
Aroclor-1262	ND		48.4	19.4
Aroclor-1268	ND		48.4	19.4
PCBs	595		48.4	19.4

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-022
Client ID: P-15_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1842.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 20.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.59	1.84
Aroclor-1221	ND		4.59	1.84
Aroclor-1232	ND		4.59	1.84
Aroclor-1242	ND		4.59	1.84
Aroclor-1248	301		4.59	1.84
Aroclor-1254	ND		4.59	1.84
Aroclor-1260	ND		4.59	1.84
Aroclor-1262	ND		4.59	1.84
Aroclor-1268	ND		4.59	1.84
PCBs	301		4.59	1.84

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-023
Client ID: P-15_(6.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/19/2012
Data file: Y1881.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 10000
% Moisture: 14.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		440	176
Aroclor-1221	ND		440	176
Aroclor-1232	ND		440	176
Aroclor-1242	ND		440	176
Aroclor-1248	21500		440	176
Aroclor-1254	ND		440	176
Aroclor-1260	ND		440	176
Aroclor-1262	ND		440	176
Aroclor-1268	ND		440	176
PCBs	21500		440	176

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-024
Client ID: P-15_(7.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1844.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 17.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.79	1.92
Aroclor-1221	ND		4.79	1.92
Aroclor-1232	ND		4.79	1.92
Aroclor-1242	ND		4.79	1.92
Aroclor-1248	323		4.79	1.92
Aroclor-1254	ND		4.79	1.92
Aroclor-1260	ND		4.79	1.92
Aroclor-1262	ND		4.79	1.92
Aroclor-1268	ND		4.79	1.92
PCBs	323		4.79	1.92

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-025
Client ID: O-16_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1812.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.50g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	1.47		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	1.47		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-026
Client ID: O-16_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1813.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.49g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 28.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.020
Aroclor-1221	ND		0.051	0.020
Aroclor-1232	ND		0.051	0.020
Aroclor-1242	ND		0.051	0.020
Aroclor-1248	0.210		0.051	0.020
Aroclor-1254	ND		0.051	0.020
Aroclor-1260	ND		0.051	0.020
Aroclor-1262	ND		0.051	0.020
Aroclor-1268	ND		0.051	0.020
PCBs	0.210		0.051	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-027
Client ID: O-16_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1814.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.72g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.047	0.019
Aroclor-1221	ND		0.047	0.019
Aroclor-1232	ND		0.047	0.019
Aroclor-1242	ND		0.047	0.019
Aroclor-1248	ND		0.047	0.019
Aroclor-1254	ND		0.047	0.019
Aroclor-1260	ND		0.047	0.019
Aroclor-1262	ND		0.047	0.019
Aroclor-1268	ND		0.047	0.019
PCBs	ND		0.047	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-028
Client ID: O-16_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1815.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.05g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 19.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.020
Aroclor-1221	ND		0.049	0.020
Aroclor-1232	ND		0.049	0.020
Aroclor-1242	ND		0.049	0.020
Aroclor-1248	0.086		0.049	0.020
Aroclor-1254	ND		0.049	0.020
Aroclor-1260	ND		0.049	0.020
Aroclor-1262	ND		0.049	0.020
Aroclor-1268	ND		0.049	0.020
PCBs	0.086		0.049	0.020

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-029
Client ID: O-17_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1845.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.19g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.55	1.82
Aroclor-1221	ND		4.55	1.82
Aroclor-1232	ND		4.55	1.82
Aroclor-1242	ND		4.55	1.82
Aroclor-1248	257		4.55	1.82
Aroclor-1254	ND		4.55	1.82
Aroclor-1260	ND		4.55	1.82
Aroclor-1262	ND		4.55	1.82
Aroclor-1268	ND		4.55	1.82
PCBs	257		4.55	1.82

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-030
Client ID: O-17_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1846.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.03g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 25.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.32	2.13
Aroclor-1221	ND		5.32	2.13
Aroclor-1232	ND		5.32	2.13
Aroclor-1242	ND		5.32	2.13
Aroclor-1248	112		5.32	2.13
Aroclor-1254	ND		5.32	2.13
Aroclor-1260	ND		5.32	2.13
Aroclor-1262	ND		5.32	2.13
Aroclor-1268	ND		5.32	2.13
PCBs	112		5.32	2.13

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-031
Client ID: O-17_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1818.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.47g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 46.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.069	0.027
Aroclor-1221	ND		0.069	0.027
Aroclor-1232	ND		0.069	0.027
Aroclor-1242	ND		0.069	0.027
Aroclor-1248	1.97		0.069	0.027
Aroclor-1254	ND		0.069	0.027
Aroclor-1260	ND		0.069	0.027
Aroclor-1262	ND		0.069	0.027
Aroclor-1268	ND		0.069	0.027
PCBs	1.97		0.069	0.027

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-032
Client ID: O-17_(4.5-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1819.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.33g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 76.2

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.158	0.063
Aroclor-1221	ND		0.158	0.063
Aroclor-1232	ND		0.158	0.063
Aroclor-1242	ND		0.158	0.063
Aroclor-1248	0.979		0.158	0.063
Aroclor-1254	ND		0.158	0.063
Aroclor-1260	ND		0.158	0.063
Aroclor-1262	ND		0.158	0.063
Aroclor-1268	ND		0.158	0.063
PCBs	0.979		0.158	0.063

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-033
Client ID: O-17_(5.25
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1820.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.21g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 21.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.049	0.019
Aroclor-1221	ND		0.049	0.019
Aroclor-1232	ND		0.049	0.019
Aroclor-1242	ND		0.049	0.019
Aroclor-1248	ND		0.049	0.019
Aroclor-1254	ND		0.049	0.019
Aroclor-1260	ND		0.049	0.019
Aroclor-1262	ND		0.049	0.019
Aroclor-1268	ND		0.049	0.019
PCBs	ND		0.049	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-034
Client ID: O-18_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1847.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.60g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 6.40

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		3.82	1.53
Aroclor-1221	ND		3.82	1.53
Aroclor-1232	ND		3.82	1.53
Aroclor-1242	ND		3.82	1.53
Aroclor-1248	470		3.82	1.53
Aroclor-1254	ND		3.82	1.53
Aroclor-1260	ND		3.82	1.53
Aroclor-1262	ND		3.82	1.53
Aroclor-1268	ND		3.82	1.53
PCBs	470		3.82	1.53

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-035
Client ID: O-18_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1848.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.35g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 26.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		5.05	2.02
Aroclor-1221	ND		5.05	2.02
Aroclor-1232	ND		5.05	2.02
Aroclor-1242	ND		5.05	2.02
Aroclor-1248	282		5.05	2.02
Aroclor-1254	ND		5.05	2.02
Aroclor-1260	ND		5.05	2.02
Aroclor-1262	ND		5.05	2.02
Aroclor-1268	ND		5.05	2.02
PCBs	282		5.05	2.02

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-036
Client ID: O-18_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: Y1823.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.83g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 73.5

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.129	0.052
Aroclor-1221	ND		0.129	0.052
Aroclor-1232	ND		0.129	0.052
Aroclor-1242	ND		0.129	0.052
Aroclor-1248	2.01		0.129	0.052
Aroclor-1254	ND		0.129	0.052
Aroclor-1260	ND		0.129	0.052
Aroclor-1262	ND		0.129	0.052
Aroclor-1268	ND		0.129	0.052
PCBs	2.01		0.129	0.052

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-037
Client ID: O-18_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3792.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.73g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 20.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.044	0.018
Aroclor-1221	ND		0.044	0.018
Aroclor-1232	ND		0.044	0.018
Aroclor-1242	ND		0.044	0.018
Aroclor-1248	0.340		0.044	0.018
Aroclor-1254	ND		0.044	0.018
Aroclor-1260	ND		0.044	0.018
Aroclor-1262	ND		0.044	0.018
Aroclor-1268	ND		0.044	0.018
PCBs	0.340		0.044	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-038
Client ID: O-19_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: R3843.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.41g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 8.50

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.04	1.62
Aroclor-1221	ND		4.04	1.62
Aroclor-1232	ND		4.04	1.62
Aroclor-1242	ND		4.04	1.62
Aroclor-1248	51.2		4.04	1.62
Aroclor-1254	ND		4.04	1.62
Aroclor-1260	ND		4.04	1.62
Aroclor-1262	ND		4.04	1.62
Aroclor-1268	ND		4.04	1.62
PCBs	51.2		4.04	1.62

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-039
Client ID: O-19_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3794.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.22g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 28.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.054	0.022
Aroclor-1221	ND		0.054	0.022
Aroclor-1232	ND		0.054	0.022
Aroclor-1242	ND		0.054	0.022
Aroclor-1248	3.79		0.054	0.022
Aroclor-1254	ND		0.054	0.022
Aroclor-1260	ND		0.054	0.022
Aroclor-1262	ND		0.054	0.022
Aroclor-1268	ND		0.054	0.022
PCBs	3.79		0.054	0.022

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-040
Client ID: O-19_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3795.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.09g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 74.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.155	0.062
Aroclor-1221	ND		0.155	0.062
Aroclor-1232	ND		0.155	0.062
Aroclor-1242	ND		0.155	0.062
Aroclor-1248	0.409		0.155	0.062
Aroclor-1254	ND		0.155	0.062
Aroclor-1260	ND		0.155	0.062
Aroclor-1262	ND		0.155	0.062
Aroclor-1268	ND		0.155	0.062
PCBs	0.409		0.155	0.062

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-041
Client ID: O-19_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3796.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.06g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.051	0.021
Aroclor-1221	ND		0.051	0.021
Aroclor-1232	ND		0.051	0.021
Aroclor-1242	ND		0.051	0.021
Aroclor-1248	ND		0.051	0.021
Aroclor-1254	ND		0.051	0.021
Aroclor-1260	ND		0.051	0.021
Aroclor-1262	ND		0.051	0.021
Aroclor-1268	ND		0.051	0.021
PCBs	ND		0.051	0.021

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-042
Client ID: O-21_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3797.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.16g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 15.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	0.226		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	0.226		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-043
Client ID: O-21_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3798.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.24g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.045	0.018
Aroclor-1221	ND		0.045	0.018
Aroclor-1232	ND		0.045	0.018
Aroclor-1242	ND		0.045	0.018
Aroclor-1248	ND		0.045	0.018
Aroclor-1254	ND		0.045	0.018
Aroclor-1260	ND		0.045	0.018
Aroclor-1262	ND		0.045	0.018
Aroclor-1268	ND		0.045	0.018
PCBs	ND		0.045	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-044
Client ID: O-21_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3799.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.16g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 75.7

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.160	0.064
Aroclor-1221	ND		0.160	0.064
Aroclor-1232	ND		0.160	0.064
Aroclor-1242	ND		0.160	0.064
Aroclor-1248	ND		0.160	0.064
Aroclor-1254	ND		0.160	0.064
Aroclor-1260	ND		0.160	0.064
Aroclor-1262	ND		0.160	0.064
Aroclor-1268	ND		0.160	0.064
PCBs	ND		0.160	0.064

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-045
Client ID: O-21_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3800.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.59g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 24.8

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.048	0.019
Aroclor-1221	ND		0.048	0.019
Aroclor-1232	ND		0.048	0.019
Aroclor-1242	ND		0.048	0.019
Aroclor-1248	ND		0.048	0.019
Aroclor-1254	ND		0.048	0.019
Aroclor-1260	ND		0.048	0.019
Aroclor-1262	ND		0.048	0.019
Aroclor-1268	ND		0.048	0.019
PCBs	ND		0.048	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-046
Client ID: N-21_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3801.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.51g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 16.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.043	0.017
Aroclor-1221	ND		0.043	0.017
Aroclor-1232	ND		0.043	0.017
Aroclor-1242	ND		0.043	0.017
Aroclor-1248	0.249		0.043	0.017
Aroclor-1254	ND		0.043	0.017
Aroclor-1260	ND		0.043	0.017
Aroclor-1262	ND		0.043	0.017
Aroclor-1268	ND		0.043	0.017
PCBs	0.249		0.043	0.017

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-047
Client ID: N-21_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3802.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.68g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 10.3

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.039	0.016
Aroclor-1221	ND		0.039	0.016
Aroclor-1232	ND		0.039	0.016
Aroclor-1242	ND		0.039	0.016
Aroclor-1248	ND		0.039	0.016
Aroclor-1254	ND		0.039	0.016
Aroclor-1260	ND		0.039	0.016
Aroclor-1262	ND		0.039	0.016
Aroclor-1268	ND		0.039	0.016
PCBs	ND		0.039	0.016

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-048
Client ID: N-21_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3803.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.93g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 78.6

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.158	0.063
Aroclor-1221	ND		0.158	0.063
Aroclor-1232	ND		0.158	0.063
Aroclor-1242	ND		0.158	0.063
Aroclor-1248	ND		0.158	0.063
Aroclor-1254	ND		0.158	0.063
Aroclor-1260	ND		0.158	0.063
Aroclor-1262	ND		0.158	0.063
Aroclor-1268	ND		0.158	0.063
PCBs	ND		0.158	0.063

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-049
Client ID: N-21_(5.25
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3804.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.62g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.019
Aroclor-1221	ND		0.046	0.019
Aroclor-1232	ND		0.046	0.019
Aroclor-1242	ND		0.046	0.019
Aroclor-1248	0.035	J	0.046	0.019
Aroclor-1254	ND		0.046	0.019
Aroclor-1260	ND		0.046	0.019
Aroclor-1262	ND		0.046	0.019
Aroclor-1268	ND		0.046	0.019
PCBs	0.035	J	0.046	0.019

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-050
Client ID: N-20_(0-2.
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: R3844.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.90g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 15.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.03	1.61
Aroclor-1221	ND		4.03	1.61
Aroclor-1232	ND		4.03	1.61
Aroclor-1242	ND		4.03	1.61
Aroclor-1248	11.2		4.03	1.61
Aroclor-1254	ND		4.03	1.61
Aroclor-1260	ND		4.03	1.61
Aroclor-1262	ND		4.03	1.61
Aroclor-1268	ND		4.03	1.61
PCBs	11.2		4.03	1.61

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-051
Client ID: N-20_(2.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/18/2012
Data file: R3845.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.58g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 100
% Moisture: 21.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		4.54	1.81
Aroclor-1221	ND		4.54	1.81
Aroclor-1232	ND		4.54	1.81
Aroclor-1242	ND		4.54	1.81
Aroclor-1248	21.1		4.54	1.81
Aroclor-1254	ND		4.54	1.81
Aroclor-1260	ND		4.54	1.81
Aroclor-1262	ND		4.54	1.81
Aroclor-1268	ND		4.54	1.81
PCBs	21.1		4.54	1.81

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-052
Client ID: N-20_(4.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3807.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.30g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 79.9

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.188	0.075
Aroclor-1221	ND		0.188	0.075
Aroclor-1232	ND		0.188	0.075
Aroclor-1242	ND		0.188	0.075
Aroclor-1248	ND		0.188	0.075
Aroclor-1254	ND		0.188	0.075
Aroclor-1260	ND		0.188	0.075
Aroclor-1262	ND		0.188	0.075
Aroclor-1268	ND		0.188	0.075
PCBs	ND		0.188	0.075

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-053
Client ID: N-20_(5.0-
Date Received: 09/11/2012
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3808.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.58g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: 22.0

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.046	0.018
Aroclor-1221	ND		0.046	0.018
Aroclor-1232	ND		0.046	0.018
Aroclor-1242	ND		0.046	0.018
Aroclor-1248	0.176		0.046	0.018
Aroclor-1254	ND		0.046	0.018
Aroclor-1260	ND		0.046	0.018
Aroclor-1262	ND		0.046	0.018
Aroclor-1268	ND		0.046	0.018
PCBs	0.176		0.046	0.018

INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: 09199-054
Client ID: FB-40
Date Received: 09/11/2012
Date Extracted: 09/13/2012
Date Analyzed: 09/15/2012
Data file: R3779.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-mg/L (ppm)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.00005	0.00002
Aroclor-1221	ND		0.00005	0.00002
Aroclor-1232	ND		0.00005	0.00002
Aroclor-1242	ND		0.00005	0.00002
Aroclor-1248	ND		0.00005	0.00002
Aroclor-1254	ND		0.00005	0.00002
Aroclor-1260	ND		0.00005	0.00002
Aroclor-1262	ND		0.00005	0.00002
Aroclor-1268	ND		0.00005	0.00002
PCBs	ND		0.00005	0.00002

PCB DATA

PCB QC SUMMARY

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 09/14/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKA120913-09	AQUEOUS	111		110		96		110	
FB-37	09052-021	AQUEOUS	98		92		89		104	
FB090612	09126-021	AQUEOUS	98		90		88		120	
MW-1	09127-001	AQUEOUS	46		78		44		109	
MW-2	09127-002	AQUEOUS	46		84		41		102	
MW-3	09127-003	AQUEOUS	48		95		51		94	
MW-5	09127-005	AQUEOUS	72		104		71		121	
MW-16	09127-016	AQUEOUS	41		84		44		81	
MW-17	09127-017	AQUEOUS	62		80		68		98	
MW-21	09127-021	AQUEOUS	69		101		68		97	
FB-38	09128-015	AQUEOUS	102		103		95		115	
FB-39	09161-058	AQUEOUS	98		98		93		105	
FB-40	09199-054	AQUEOUS	106		93		97		131	
FB-41	09240-062	AQUEOUS	97		75		91		95	
PCB	09127-002MS	AQUEOUS	45		70		43		84	
PCB	09127-002MSD	AQUEOUS	44		94		41		83	
PCB	LCSA120913-09	AQUEOUS	120		113		112		144	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 09/17/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120914-04	SOIL	114		108		114		88	
N-15_(0-2.	09199-017	SOIL	81		91		116		79	
N-15_(2.0-	09199-018	SOIL	62		94		113		91	
N-15_(4.0-	09199-019	SOIL	67		72		89		96	
O-16_(0-2.	09199-025	SOIL	111		107		115		90	
O-16_(2.0-	09199-026	SOIL	113		107		116		95	
O-16_(4.0-	09199-027	SOIL	108		117		114		88	
O-16_(5.0-	09199-028	SOIL	112		111		114		87	
O-17_(4.0-	09199-031	SOIL	109		109		117		90	
O-17_(4.5-	09199-032	SOIL	130		126		139		110	
O-17_(5.25	09199-033	SOIL	111		103		114		87	
O-18_(4.0-	09199-036	SOIL	131		98		150		98	
PCB	09199-033MS	SOIL	109		75		115		77	
PCB	09199-033MSD	SOIL	110		86		115		81	
N-15_(5.0-	09199-020	SOIL	128		86		128		89	
P-15_(4.0-	09199-021	SOIL	0	D	0	D	0	D	0	D
P-15_(5.0-	09199-022	SOIL	0	D	0	D	0	D	0	D
P-15_(7.0-	09199-024	SOIL	0	D	0	D	0	D	0	D
O-17_(0-2.	09199-029	SOIL	0	D	0	D	0	D	0	D
O-17_(2.0-	09199-030	SOIL	0	D	0	D	0	D	0	D
O-18_(0-2.	09199-034	SOIL	0	D	0	D	0	D	0	D
O-18_(2.0-	09199-035	SOIL	0	D	0	D	0	D	0	D
PCB	LCSS120914-04	SOIL	124		123		128		95	
P-15_(6.0-	09199-023	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 09/17/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120914-05	SOIL	114		80		102		93	
O-18_(5.0-	09199-037	SOIL	107		76		99		94	
O-19_(2.0-	09199-039	SOIL	83		65		81		84	
O-19_(4.0-	09199-040	SOIL	119		93		117		112	
O-19_(5.0-	09199-041	SOIL	108		75		98		96	
O-21_(0-2.	09199-042	SOIL	96		74		92		82	
O-21_(2.0-	09199-043	SOIL	106		79		97		89	
O-21_(4.0-	09199-044	SOIL	122		103		119		113	
O-21_(5.0-	09199-045	SOIL	119		80		100		93	
N-21_(0-2.	09199-046	SOIL	104		70		97		88	
N-21_(2.0-	09199-047	SOIL	113		78		100		93	
N-21_(4.0-	09199-048	SOIL	135		102		128		122	
N-21_(5.25	09199-049	SOIL	114		80		102		93	
N-20_(4.0-	09199-052	SOIL	132		98		126		114	
N-20_(5.0-	09199-053	SOIL	115		81		103		93	
N-19(4.0-5	09240-003	SOIL	126		94		122		112	
PCB	09199-047MS	SOIL	117		82		105		93	
PCB	09199-047MSD	SOIL	117		81		105		93	
PCB	LCSS120914-05	SOIL	153		119		151		143	
O-19_(0-2.	09199-038	SOIL	0	D	0	D	0	D	0	D
N-20_(0-2.	09199-050	SOIL	0	D	0	D	0	D	0	D
N-20_(2.0-	09199-051	SOIL	0	D	0	D	0	D	0	D
N-19(0-2.0	09240-001	SOIL	0	D	0	D	0	D	0	D
N-19(2.0-4	09240-002	SOIL	0	D	0	D	0	D	0	D

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SURROGATE PERCENT RECOVERY SUMMARY

Date Analyzed: 09/17/2012

Client ID	Lab Sample ID	Matrix	TCMX 1 % rec	#	DCB 1 % rec	#	TCMX 2 % rec	#	DCB 2 % rec	#
PCB	BLKS120914-02	SOIL	117		94		107		69	
M-33_(6.0-	09161-054	SOIL	117		87		107		72	
M-42_(5.0-	09161-056	SOIL	101		105		118		102	
M-42_(6.0-	09161-057	SOIL	108		87		105		85	
M-12_(0-2.	09199-001	SOIL	99		87		101		76	
M-12_(5.0-	09199-004	SOIL	111		102		108		81	
M-13_(2.0-	09199-006	SOIL	97		97		106		83	
M-13_(5.25	09199-008	SOIL	112		106		109		88	
M-14_(2.0-	09199-010	SOIL	91		92		107		87	
M-14_(5.25	09199-012	SOIL	109		100		109		81	
M-15_(2.0-	09199-014	SOIL	106		96		110		85	
M-15_(5.0-	09199-016	SOIL	108		101		110		82	
PCB	09199-016MS	SOIL	110		106		111		85	
PCB	09199-016MSD	SOIL	112		105		111		83	
M-42_(4.0-	09161-055	SOIL	113		95		115		74	
M-12_(2.0-	09199-002	SOIL	64		87		107		85	
M-12_(4.0-	09199-003	SOIL	134		110		141		104	
M-13_(0-2.	09199-005	SOIL	81		70		94		60	
M-13_(4.0-	09199-007	SOIL	123		110		128		98	
M-14_(0-2.	09199-009	SOIL	102		90		113		81	
M-14_(4.0-	09199-011	SOIL	128		117		133		98	
M-15_(0-2.	09199-013	SOIL	45		82		101		132	
M-15_(4.0-	09199-015	SOIL	140		129		148		125	
PCB	LCSS120914-02	SOIL	119		117		124		91	

Surrogate QC Limits	Soil	Aqueous
TCMX = Tetrachloro-m-xylene	21-163	11-163
DCB = Decachlorobiphenyl	30-172	13-170

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

AQUEOUS PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSA120913-09

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	519.0	104	40 - 140
Aroclor-1260	500.0	0.0	480.6	96	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120914-04

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	692.0	138	40 - 140
Aroclor-1260	500.0	0.0	671.8	134	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120914-05

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	489.4	98	40 - 140
Aroclor-1260	500.0	0.0	513.0	103	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

SOIL PCB BLANK SPIKE RECOVERY

Matrix spike Lab sample ID: LCSS120914-02

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	662.3	132	40 - 140
Aroclor-1260	500.0	0.0	694.7	139	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

Spike Recovery: __0___ out of __2__ outside limits

AQUEOUS PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09127-002

Compound	SPIKE ADDED (ug/L)	SAMPLE CONC. (ug/L)	MS CONC. (ug/L)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	232.6	47	40 - 140
Aroclor-1260	500.0	0.0	446.0	89	40 - 140

Compound	SAMPLE CONC. (ug/L)	MSD CONC. (ug/L)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	285.5		57	19	50	40 - 140
Aroclor-1260	0.0	417.5		84	6	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09199-033

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	610.4	122	40 - 140
Aroclor-1260	500.0	0.0	530.7	106	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	610.6		122	0	50	40 - 140
Aroclor-1260	0.0	539.2		108	2	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09199-047

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	588.3	118	40 - 140
Aroclor-1260	500.0	0.0	542.4	108	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD	#	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	593.1		119	1		50	40 - 140
Aroclor-1260	0.0	588.1		118	9		50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

SOIL PCB MATRIX SPIKE/SPIKE DUPLICATE RECOVERY

Matrix spike Lab sample ID: 09199-016

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONC. (ug/Kg)	MS CONC. (ug/Kg)	MS % REC #	QC LIMITS REC.
Aroclor-1016	500.0	0.0	655.4	131	40 - 140
Aroclor-1260	500.0	0.0	628.4	126	40 - 140

Compound	SAMPLE CONC. (ug/Kg)	MSD CONC. (ug/Kg)	#	MSD % REC	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	0.0	646.4		129	2	50	40 - 140
Aroclor-1260	0.0	653.2		131	4	50	40 - 140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

NC Non calculable

RPD: __0___ out of __2__ outside limits

Spike Recovery: __0___ out of __4__ outside limits

PCB METHOD BLANK SUMMARY

Lab File ID: R3767.D

Instrument ID: GC-R

Date Extracted: 09/13/2012

Matrix: AQUEOUS

Date Analyzed: 09/14/2012

Time Analyzed: 22:32

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
FB-37	09052-021	09/14/2012	22:49
FB090612	09126-021	09/14/2012	23:06
MW-1	09127-001	09/14/2012	23:24
MW-2	09127-002	09/14/2012	23:41
MW-3	09127-003	09/14/2012	23:59
MW-5	09127-005	09/15/2012	00:16
MW-16	09127-016	09/15/2012	00:33
MW-17	09127-017	09/15/2012	00:51
MW-21	09127-021	09/15/2012	01:08
FB-38	09128-015	09/15/2012	01:25
FB-39	09161-058	09/15/2012	01:43
FB-40	09199-054	09/15/2012	02:00
FB-41	09240-062	09/15/2012	02:18
PCB	09127-002MS	09/15/2012	02:35
PCB	09127-002MSD	09/15/2012	02:52
PCB	LCSA120913-09	09/15/2012	03:10

PCB METHOD BLANK SUMMARY

Lab File ID: R3791.D

Instrument ID: GC-R

Date Extracted: 09/14/2012

Matrix: SOIL

Date Analyzed: 09/17/2012

Time Analyzed: 15:01

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
O-18_(5.0-	09199-037	09/17/2012	15:19
O-19_(2.0-	09199-039	09/17/2012	15:54
O-19_(4.0-	09199-040	09/17/2012	16:11
O-19_(5.0-	09199-041	09/17/2012	16:29
O-21_(0-2.	09199-042	09/17/2012	16:46
O-21_(2.0-	09199-043	09/17/2012	17:04
O-21_(4.0-	09199-044	09/17/2012	17:21
O-21_(5.0-	09199-045	09/17/2012	17:39
N-21_(0-2.	09199-046	09/17/2012	17:56
N-21_(2.0-	09199-047	09/17/2012	18:13
N-21_(4.0-	09199-048	09/17/2012	18:31
N-21_(5.25	09199-049	09/17/2012	18:48
N-20_(4.0-	09199-052	09/17/2012	19:40
N-20_(5.0-	09199-053	09/17/2012	19:58
N-19(4.0-5	09240-003	09/17/2012	20:50
PCB	09199-047MS	09/17/2012	21:07
PCB	09199-047MSD	09/17/2012	21:25
PCB	LCSS120914-05	09/17/2012	21:59
O-19_(0-2.	09199-038	09/18/2012	14:21
N-20_(0-2.	09199-050	09/18/2012	14:39
N-20_(2.0-	09199-051	09/18/2012	14:56
N-19(0-2.0	09240-001	09/18/2012	15:14
N-19(2.0-4	09240-002	09/18/2012	15:31

PCB METHOD BLANK SUMMARY

Lab File ID: Y1777.D

Instrument ID: GC-Y

Date Extracted: 09/14/2012

Matrix: SOIL

Date Analyzed: 09/17/2012

Time Analyzed: 12:55

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS or LCSD, MS or MSD:

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed
M-33_(6.0-	09161-054	09/17/2012	13:52
M-42_(5.0-	09161-056	09/17/2012	14:27
M-42_(6.0-	09161-057	09/17/2012	14:44
M-12_(0-2.	09199-001	09/17/2012	15:01
M-12_(5.0-	09199-004	09/17/2012	15:53
M-13_(2.0-	09199-006	09/17/2012	16:27
M-13_(5.25	09199-008	09/17/2012	17:01
M-14_(2.0-	09199-010	09/17/2012	17:36
M-14_(5.25	09199-012	09/17/2012	18:10
M-15_(2.0-	09199-014	09/17/2012	18:44
M-15_(5.0-	09199-016	09/17/2012	19:19
PCB	09199-016MS	09/17/2012	19:36
PCB	09199-016MSD	09/17/2012	19:53
M-42_(4.0-	09161-055	09/18/2012	12:18
M-12_(2.0-	09199-002	09/18/2012	12:35
M-12_(4.0-	09199-003	09/18/2012	12:52
M-13_(0-2.	09199-005	09/18/2012	14:08
M-13_(4.0-	09199-007	09/18/2012	14:25
M-14_(0-2.	09199-009	09/18/2012	14:42
M-14_(4.0-	09199-011	09/18/2012	15:00
M-15_(0-2.	09199-013	09/18/2012	15:17
M-15_(4.0-	09199-015	09/18/2012	15:34
PCB	LCSS120914-02	09/19/2012	04:16

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.28	3.28	3.28	3.28	3.28	3.28	3.21	3.35
Aroclor-1016 {2}	4.11	4.11	4.11	4.11	4.11	4.11	4.04	4.18
Aroclor-1016 {3}	4.66	4.66	4.66	4.66	4.66	4.66	4.59	4.73
Aroclor-1016 {4}	5.16	5.17	5.16	5.16	5.16	5.16	5.09	5.23
Aroclor-1016 {5}	5.56	5.56	5.56	5.56	5.56	5.56	5.49	5.63
Aroclor-1221			2.17				2.10	2.24
Aroclor-1221 {2}			3.07				3.00	3.14
Aroclor-1221 {3}			3.20				3.13	3.27
Aroclor-1221 {4}			3.27				3.20	3.34
Aroclor-1221 {5}			3.87				3.80	3.94
Aroclor-1232			3.28				3.21	3.35
Aroclor-1232 {2}			4.11				4.04	4.18
Aroclor-1232 {3}			4.77				4.70	4.84
Aroclor-1232 {4}			5.36				5.29	5.43
Aroclor-1232 {5}			5.56				5.49	5.63
Aroclor-1242			4.11				4.04	4.18
Aroclor-1242 {2}			5.04				4.97	5.11
Aroclor-1242 {3}			5.36				5.29	5.43
Aroclor-1242 {4}			6.06				5.99	6.13
Aroclor-1242 {5}			6.33				6.26	6.40
Aroclor-1248			4.51				4.43	4.59
Aroclor-1248 {2}			5.04				4.96	5.12
Aroclor-1248 {3}			5.36				5.28	5.44
Aroclor-1248 {4}			6.06				5.98	6.14
Aroclor-1248 {5}			6.33				6.25	6.41
Aroclor-1254			6.45				6.37	6.53
Aroclor-1254 {2}			6.89				6.81	6.97
Aroclor-1254 {3}			7.05				6.96	7.14
Aroclor-1254 {4}			7.50				7.41	7.59
Aroclor-1254 {5}			8.33				8.24	8.42
Aroclor-1260	8.33	8.33	8.33	8.33	8.33	8.33	7.43	9.23
Aroclor-1260 {2}	9.00	9.00	9.00	9.00	9.00	9.00	8.10	9.90
Aroclor-1260 {3}	9.48	9.48	9.48	9.48	9.48	9.48	8.58	10.38
Aroclor-1260 {4}	9.96	9.96	9.96	9.96	9.96	9.96	9.06	10.86
Aroclor-1260 {5}	11.02	11.02	11.02	11.02	11.02	11.02	10.12	11.92

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	1598460	1636594	1724245	1671316	1663544	1658832	2.79
Aroclor-1016 {2}	2781625	2134550	2314976	2252118	2262395	2349133	10.67
Aroclor-1016 {3}	3534636	2972656	3163325	3101174	3109270	3176212	6.68
Aroclor-1016 {4}	1745680	1404075	1488362	1424772	1435859	1499750	9.40
Aroclor-1016 {5}	2686885	2328391	2456665	2403548	2415470	2458192	5.53
Aroclor-1221			618501				
Aroclor-1221 {2}			1128582				
Aroclor-1221 {3}			681947				
Aroclor-1221 {4}			2551643				
Aroclor-1221 {5}			480523				
Aroclor-1232			1831153				
Aroclor-1232 {2}			986000				
Aroclor-1232 {3}			893737				
Aroclor-1232 {4}			878058				
Aroclor-1232 {5}			1225450				
Aroclor-1242			1751102				
Aroclor-1242 {2}			1062851				
Aroclor-1242 {3}			1435125				
Aroclor-1242 {4}			2436831				
Aroclor-1242 {5}			2159921				
Aroclor-1248			3661689				
Aroclor-1248 {2}			2005052				
Aroclor-1248 {3}			2495393				
Aroclor-1248 {4}			4524397				
Aroclor-1248 {5}			3137355				
Aroclor-1254			4462170				
Aroclor-1254 {2}			2744880				
Aroclor-1254 {3}			5263695				
Aroclor-1254 {4}			5156827				
Aroclor-1254 {5}			4250307				
Aroclor-1260	5796468	6099813	6151135	5893257	5903979	5968930	2.51
Aroclor-1260 {2}	1708455	2452925	2499350	2373323	2466938	2300198	14.52
Aroclor-1260 {3}	6413601	6154515	6638804	6045721	6299865	6310501	3.66
Aroclor-1260 {4}	2955584	3454374	3144178	2956833	3017131	3105620	6.75
Aroclor-1260 {5}	1279520	1727719	1269645	1252500	1245729	1355022	15.41
						Average %RSD	7.79

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1016	3.78	3.78	3.78	3.78	3.78	3.78	3.71	3.85
Aroclor-1016 {2}	4.37	4.37	4.37	4.37	4.37	4.37	4.30	4.44
Aroclor-1016 {3}	5.13	5.13	5.13	5.13	5.13	5.13	5.06	5.20
Aroclor-1016 {4}	5.34	5.33	5.33	5.33	5.33	5.33	5.26	5.40
Aroclor-1016 {5}	5.51	5.51	5.51	5.51	5.51	5.51	5.44	5.58
Aroclor-1221			2.46				2.39	2.53
Aroclor-1221 {2}			3.46				3.39	3.53
Aroclor-1221 {3}			3.69				3.62	3.76
Aroclor-1221 {4}			3.78				3.71	3.85
Aroclor-1221 {5}			5.14				5.07	5.21
Aroclor-1232			3.78				3.71	3.85
Aroclor-1232 {2}			4.76				4.69	4.83
Aroclor-1232 {3}			5.33				5.26	5.40
Aroclor-1232 {4}			5.51				5.44	5.58
Aroclor-1232 {5}			6.11				6.04	6.18
Aroclor-1242			4.76				4.69	4.83
Aroclor-1242 {2}			5.51				5.44	5.58
Aroclor-1242 {3}			6.11				6.04	6.18
Aroclor-1242 {4}			6.26				6.19	6.33
Aroclor-1242 {5}			6.81				6.74	6.88
Aroclor-1248			5.12				5.04	5.20
Aroclor-1248 {2}			5.71				5.63	5.79
Aroclor-1248 {3}			6.10				6.02	6.18
Aroclor-1248 {4}			6.26				6.18	6.34
Aroclor-1248 {5}			6.61				6.53	6.69
Aroclor-1254			7.10				7.02	7.18
Aroclor-1254 {2}			7.69				7.61	7.77
Aroclor-1254 {3}			8.31				8.22	8.40
Aroclor-1254 {4}			8.53				8.44	8.62
Aroclor-1254 {5}			9.12				9.03	9.21
Aroclor-1260	7.87	7.87	7.87	7.87	7.87	7.87	6.97	8.77
Aroclor-1260 {2}	8.12	8.12	8.12	8.12	8.12	8.12	7.22	9.02
Aroclor-1260 {3}	9.71	9.71	9.71	9.71	9.71	9.71	8.81	10.61
Aroclor-1260 {4}	10.22	10.22	10.22	10.22	10.22	10.22	9.32	11.12
Aroclor-1260 {5}	10.81	10.81	10.81	10.81	10.81	10.81	9.91	11.71

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y
GC Column (2nd): RTX-CLP2

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	544205	537751	467417	423723	393625	473344	14.18
Aroclor-1016 {2}	1093471	1110193	916876	830553	767921	943803	16.29
Aroclor-1016 {3}	2308378	2291411	2078344	1914126	1796124	2077677	10.89
Aroclor-1016 {4}	1031954	1012793	877889	802293	743630	893712	14.20
Aroclor-1016 {5}	737942	773096	683417	630056	586931	682289	11.15
Aroclor-1221			195158				
Aroclor-1221 {2}			269665				
Aroclor-1221 {3}			181811				
Aroclor-1221 {4}			680802				
Aroclor-1221 {5}			122217				
Aroclor-1232			512907				
Aroclor-1232 {2}			191309				
Aroclor-1232 {3}			402349				
Aroclor-1232 {4}			311541				
Aroclor-1232 {5}			423699				
Aroclor-1242			325956				
Aroclor-1242 {2}			544751				
Aroclor-1242 {3}			690740				
Aroclor-1242 {4}			568560				
Aroclor-1242 {5}			1093176				
Aroclor-1248			1039238				
Aroclor-1248 {2}			1533070				
Aroclor-1248 {3}			1085332				
Aroclor-1248 {4}			984251				
Aroclor-1248 {5}			535963				
Aroclor-1254			1281510				
Aroclor-1254 {2}			967077				
Aroclor-1254 {3}			907574				
Aroclor-1254 {4}			532559				
Aroclor-1254 {5}			1253260				
Aroclor-1260	800177	823523	713513	660407	610102	721544	12.55
Aroclor-1260 {2}	1096884	1196645	1052171	970931	896292	1042585	11.07
Aroclor-1260 {3}	809692	933378	919943	871345	785795	864031	7.56
Aroclor-1260 {4}	1607884	2034074	2137207	1985358	1853381	1923581	10.60
Aroclor-1260 {5}	1078068	1421520	1600261	1456756	1343554	1380032	13.97
					Average %RSD		12.25

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

Instrument ID: GC-R
GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	3.98	3.98	3.98	3.97	3.97	3.98	3.91	4.05
Aroclor-1016 {2}	4.87	4.87	4.87	4.87	4.87	4.87	4.80	4.94
Aroclor-1016 {3}	5.46	5.46	5.46	5.46	5.45	5.46	5.39	5.53
Aroclor-1016 {4}	5.99	5.99	5.99	5.99	5.99	5.99	5.92	6.06
Aroclor-1016 {5}	6.40	6.40	6.40	6.40	6.40	6.40	6.33	6.47
Aroclor-1221			2.75				2.68	2.82
Aroclor-1221 {2}			3.76				3.69	3.83
Aroclor-1221 {3}			3.90				3.83	3.97
Aroclor-1221 {4}			3.98				3.91	4.05
Aroclor-1221 {5}			4.62				4.55	4.69
Aroclor-1232			3.98				3.91	4.05
Aroclor-1232 {2}			4.87				4.80	4.94
Aroclor-1232 {3}			5.58				5.51	5.65
Aroclor-1232 {4}			6.20				6.13	6.27
Aroclor-1232 {5}			6.40				6.33	6.47
Aroclor-1242			4.87				4.80	4.94
Aroclor-1242 {2}			5.86				5.79	5.93
Aroclor-1242 {3}			6.20				6.13	6.27
Aroclor-1242 {4}			6.92				6.85	6.99
Aroclor-1242 {5}			7.20				7.13	7.27
Aroclor-1248			5.30				5.22	5.38
Aroclor-1248 {2}			5.86				5.78	5.94
Aroclor-1248 {3}			6.20				6.12	6.28
Aroclor-1248 {4}			6.92				6.84	7.00
Aroclor-1248 {5}			7.20				7.12	7.28
Aroclor-1254			7.32				7.24	7.40
Aroclor-1254 {2}			7.77				7.69	7.85
Aroclor-1254 {3}			7.94				7.85	8.03
Aroclor-1254 {4}			8.40				8.31	8.49
Aroclor-1254 {5}			9.25				9.16	9.34
Aroclor-1260	9.25	9.25	9.25	9.25	9.25	9.25	8.35	10.15
Aroclor-1260 {2}	9.94	9.94	9.94	9.94	9.94	9.94	9.04	10.84
Aroclor-1260 {3}	10.42	10.42	10.42	10.42	10.42	10.42	9.52	11.32
Aroclor-1260 {4}	10.91	10.91	10.91	10.91	10.91	10.91	10.01	11.81
Aroclor-1260 {5}	11.98	11.99	11.98	11.98	11.98	11.98	11.08	12.88

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012 **Instrument ID:** GC-R

GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	3169538	3083875	3134822	3042396	2353283	2956783	11.53
Aroclor-1016 {2}	2565919	3798384	3494857	3508527	2536989	3180935	18.47
Aroclor-1016 {3}	5508191	5457746	5524489	5202280	3493148	5037171	17.33
Aroclor-1016 {4}	2618949	2463106	2519686	2392167	1662486	2331279	16.43
Aroclor-1016 {5}	4394403	4213688	4419956	4128326	2937824	4018839	15.34
Aroclor-1221			1232163				
Aroclor-1221 {2}			1908472				
Aroclor-1221 {3}			1354132				
Aroclor-1221 {4}			4702923				
Aroclor-1221 {5}			952986				
Aroclor-1232			3932178				
Aroclor-1232 {2}			1748747				
Aroclor-1232 {3}			2155905				
Aroclor-1232 {4}			1626277				
Aroclor-1232 {5}			2865168				
Aroclor-1242			2868722				
Aroclor-1242 {2}			2286283				
Aroclor-1242 {3}			2486701				
Aroclor-1242 {4}			4890095				
Aroclor-1242 {5}			4496999				
Aroclor-1248			7641038				
Aroclor-1248 {2}			4184774				
Aroclor-1248 {3}			4219724				
Aroclor-1248 {4}			8629691				
Aroclor-1248 {5}			7035566				
Aroclor-1254			9588556				
Aroclor-1254 {2}			6076633				
Aroclor-1254 {3}			11103311				
Aroclor-1254 {4}			12668349				
Aroclor-1254 {5}			11126269				
Aroclor-1260	12051366	11275672	13894083	13139743	8799413	11832055	16.65
Aroclor-1260 {2}	7701182	6251654	6993368	6785500	4857488	6517838	16.32
Aroclor-1260 {3}	17863196	19145627	21853201	20953624	15213758	19005881	13.82
Aroclor-1260 {4}	10892769	8765561	10292180	9586901	6990567	9305595	16.32
Aroclor-1260 {5}	4532582	4233974	4840759	5934253	3926044	4693522	16.46
					Average %RSD		15.87

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

Instrument ID: GC-R
GC Column (2nd): RTX-CLP2

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1016	4.29	4.29	4.29	4.29	4.29	4.29	4.22	4.36
Aroclor-1016 {2}	4.91	4.91	4.91	4.91	4.91	4.91	4.84	4.98
Aroclor-1016 {3}	5.68	5.68	5.68	5.68	5.68	5.68	5.61	5.75
Aroclor-1016 {4}	5.90	5.90	5.90	5.90	5.90	5.90	5.83	5.97
Aroclor-1016 {5}	6.08	6.08	6.08	6.08	6.08	6.08	6.01	6.15
Aroclor-1221			2.91				2.84	2.98
Aroclor-1221 {2}			3.97				3.90	4.04
Aroclor-1221 {3}			4.21				4.14	4.28
Aroclor-1221 {4}			4.31				4.24	4.38
Aroclor-1221 {5}			5.70				5.63	5.77
Aroclor-1232			4.29				4.22	4.36
Aroclor-1232 {2}			5.31				5.24	5.38
Aroclor-1232 {3}			5.90				5.83	5.97
Aroclor-1232 {4}			6.08				6.01	6.15
Aroclor-1232 {5}			6.69				6.62	6.76
Aroclor-1242			5.31				5.24	5.38
Aroclor-1242 {2}			6.08				6.01	6.15
Aroclor-1242 {3}			6.69				6.62	6.76
Aroclor-1242 {4}			6.84				6.77	6.91
Aroclor-1242 {5}			7.40				7.33	7.47
Aroclor-1248			5.68				5.60	5.76
Aroclor-1248 {2}			6.28				6.20	6.36
Aroclor-1248 {3}			6.68				6.60	6.76
Aroclor-1248 {4}			6.84				6.76	6.92
Aroclor-1248 {5}			7.20				7.12	7.28
Aroclor-1254			7.70				7.62	7.78
Aroclor-1254 {2}			8.29				8.21	8.37
Aroclor-1254 {3}			8.74				8.65	8.83
Aroclor-1254 {4}			8.92				8.83	9.01
Aroclor-1254 {5}			9.74				9.65	9.83
Aroclor-1260	8.73	8.73	8.73	8.73	8.73	8.73	7.83	9.63
Aroclor-1260 {2}	9.14	9.14	9.14	9.14	9.14	9.14	8.24	10.04
Aroclor-1260 {3}	10.35	10.34	10.35	10.35	10.34	10.35	9.45	11.25
Aroclor-1260 {4}	10.85	10.85	10.85	10.86	10.85	10.85	9.95	11.75
Aroclor-1260 {5}	11.45	11.45	11.45	11.45	11.45	11.45	10.55	12.35

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

Instrument ID: GC-R

GC Column (2nd): RTX-CLP2

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1016	3070026	2866185	2753833	2688240	2204454	2716548	11.81
Aroclor-1016 {2}	6129633	5424300	5240792	5105878	4196458	5219412	13.31
Aroclor-1016 {3}	12514026	12895205	11415390	11372077	9449342	11529208	11.64
Aroclor-1016 {4}	4788775	5301096	4720839	4648775	3826881	4657273	11.39
Aroclor-1016 {5}	4428978	4278236	3756547	3679022	3031178	3834792	14.44
Aroclor-1221			1210935				
Aroclor-1221 {2}			1621121				
Aroclor-1221 {3}			1105604				
Aroclor-1221 {4}			3810283				
Aroclor-1221 {5}			1212612				
Aroclor-1232			3148750				
Aroclor-1232 {2}			1185209				
Aroclor-1232 {3}			2398666				
Aroclor-1232 {4}			1919062				
Aroclor-1232 {5}			2741161				
Aroclor-1242			1901918				
Aroclor-1242 {2}			3147585				
Aroclor-1242 {3}			4290597				
Aroclor-1242 {4}			3497153				
Aroclor-1242 {5}			3216011				
Aroclor-1248			6010026				
Aroclor-1248 {2}			8424643				
Aroclor-1248 {3}			6415583				
Aroclor-1248 {4}			5399279				
Aroclor-1248 {5}			3107389				
Aroclor-1254			5622779				
Aroclor-1254 {2}			6064743				
Aroclor-1254 {3}			3827488				
Aroclor-1254 {4}			5776327				
Aroclor-1254 {5}			7740745				
Aroclor-1260	6041158	5826997	5323711	4958305	4048576	5239749	15.06
Aroclor-1260 {2}	6585520	6706582	5959749	5549221	4654287	5891072	14.20
Aroclor-1260 {3}	4772390	4497162	4276582	4355255	3181870	4216652	14.43
Aroclor-1260 {4}	10226935	9075451	8952645	9505120	6549756	8861982	15.63
Aroclor-1260 {5}	6097930	6427592	6455914	5763986	4783136	5905712	11.65
						Average %RSD	13.36

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			8.62				7.72	7.72
Aroclor-1262 {2}			9.48				8.58	8.58
Aroclor-1262 {3}			10.11				9.21	9.21
Aroclor-1262 {4}			10.20				9.20	9.20
Aroclor-1262 {5}			11.02				10.02	10.02
Aroclor-1268			10.11				9.11	9.11
Aroclor-1268 {2}			10.19				9.09	9.09
Aroclor-1268 {3}			10.66				9.56	9.56
Aroclor-1268 {4}			10.79				9.69	9.69
Aroclor-1268 {5}			11.62				10.52	10.52

GC Column (2nd): DB-1701P

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WI NDOW FROM	TO
Aroclor-1262			9.71				8.81	8.81
Aroclor-1262 {2}			10.22				9.32	9.32
Aroclor-1262 {3}			10.71				9.81	9.81
Aroclor-1262 {4}			10.80				9.80	9.80
Aroclor-1262 {5}			11.40				10.40	10.40
Aroclor-1268			10.71				9.71	9.71
Aroclor-1268 {2}			10.79				9.69	9.69
Aroclor-1268 {3}			11.04				9.94	9.94
Aroclor-1268 {4}			11.19				10.09	10.09
Aroclor-1268 {5}			12.27				11.17	11.17

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/27/2012

Instrument ID: GC-Y
GC Column (1st): DB-5

Data File: Y1144.D Y1143.D Y1142.D Y1141.D Y1140.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			4679194				
Aroclor-1262 {2}			8337139				
Aroclor-1262 {3}			2718445				
Aroclor-1262 {4}			3453906				
Aroclor-1262 {5}			2640319				
Aroclor-1268			8560197				
Aroclor-1268 {2}			9694084				
Aroclor-1268 {3}			7141308				
Aroclor-1268 {4}			2248426				
Aroclor-1268 {5}			20712676				

GC Column (2nd): DB-1701P

Data File: Y1144.C Y1143.C Y1142.C Y1141.C Y1140.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			1192131				
Aroclor-1262 {2}			2701939				
Aroclor-1262 {3}			927683				
Aroclor-1262 {4}			1978216				
Aroclor-1262 {5}			628891				
Aroclor-1268			2806355				
Aroclor-1268 {2}			3027623				
Aroclor-1268 {3}			2417922				
Aroclor-1268 {4}			633526				
Aroclor-1268 {5}			7719444				

AROCLOR INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			9.55				8.65	8.65
Aroclor-1262 {2}			10.42				9.52	9.52
Aroclor-1262 {3}			11.06				10.16	10.16
Aroclor-1262 {4}			11.15				10.15	10.15
Aroclor-1262 {5}			11.98				10.98	10.98
Aroclor-1268			11.06				10.06	10.06
Aroclor-1268 {2}			11.15				10.05	10.05
Aroclor-1268 {3}			11.63				10.53	10.53
Aroclor-1268 {4}			11.76				10.66	10.66
Aroclor-1268 {5}			12.60				11.50	11.50

GC Column (2nd): DB-1701P

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	RT OF STANDARDS 10	50	500	1000	2000	MEAN RT	RT WINDOW FROM	TO
Aroclor-1262			10.34				9.44	9.44
Aroclor-1262 {2}			10.85				9.95	9.95
Aroclor-1262 {3}			11.36				10.46	10.46
Aroclor-1262 {4}			11.45				10.45	10.45
Aroclor-1262 {5}			12.06				11.06	11.06
Aroclor-1268			11.36				10.36	10.36
Aroclor-1268 {2}			11.44				10.34	10.34
Aroclor-1268 {3}			11.70				10.60	10.60
Aroclor-1268 {4}			11.84				10.74	10.74
Aroclor-1268 {5}			12.93				11.83	11.83

PCB INITIAL CALIBRATION SUMMARY

Date Analyzed: 08/30/2012

Instrument ID: GC-R

GC Column (1st): DB-5

Data File: R3532.D R3531.D R3530.D R3529.D R3528.D

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			18885739				
Aroclor-1262 {2}			34996193				
Aroclor-1262 {3}			13090002				
Aroclor-1262 {4}			14013040				
Aroclor-1262 {5}			8685908				
Aroclor-1268			38176891				
Aroclor-1268 {2}			36098723				
Aroclor-1268 {3}			28239722				
Aroclor-1268 {4}			7780749				
Aroclor-1268 {5}			69983542				

GC Column (2nd): DB-1701P

Data File: R3532.C R3531.C R3530.C R3529.C R3528.C

Compound	CALIBRATION FACTORS 10	50	500	1000	2000	MEAN	%RSD
Aroclor-1262			6988647				
Aroclor-1262 {2}			15123170				
Aroclor-1262 {3}			5179924				
Aroclor-1262 {4}			10480275				
Aroclor-1262 {5}			3384243				
Aroclor-1268			14450716				
Aroclor-1268 {2}			14473253				
Aroclor-1268 {3}			11740930				
Aroclor-1268 {4}			3179201				
Aroclor-1268 {5}			35680648				

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/14/2012 **Instrument ID:** GC-R

Data File: R3766.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	3060072	3.49
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3652405	14.82
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5709075	13.34
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2659805	14.09
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4675065	16.33
Aroclor-1260	9.25	8.35	10.15	11832055	13249568	11.98
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	7047120	8.12
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	20993345	10.46
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	9543092	2.55
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	4913970	4.70
					Average %D	9.99

Data File: R3766.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2472369	8.99
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	4782830	8.36
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	10480309	9.10
Aroclor-1016 {4}	5.89	5.83	5.97	4657273	4448130	4.49
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	3540052	7.69
Aroclor-1260	8.73	7.83	9.63	5239749	5167479	1.38
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	5832784	0.99
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4468144	5.96
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	9627275	8.64
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	7083444	19.94
					Average %D	7.55

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/15/2012 **Instrument ID:** GC-R

Data File: R3784.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	3208470	8.51
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3567795	12.16
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5545888	10.10
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2530006	8.52
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4414052	9.83
Aroclor-1260	9.25	8.35	10.15	11832055	13436548	13.56
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	5944610	8.79
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	19001935	0.02
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	8943139	3.90
Aroclor-1260 {5}	11.98	11.08	12.88	4693522	4120081	12.22
					Average %D	8.76

Data File: R3784.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2894013	6.53
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	5502851	5.43
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	12104186	4.99
Aroclor-1016 {4}	5.90	5.83	5.97	4657273	5089594	9.28
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	4062310	5.93
Aroclor-1260	8.73	7.83	9.63	5239749	5654988	7.92
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	6387332	8.42
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4802578	13.90
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	9936658	12.13
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	6571607	11.28
					Average %D	8.58

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-Y

Data File: Y1802.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1658832	1592188	4.02
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	1918770	18.32
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2899331	8.72
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1509784	0.67
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2311085	5.98
Aroclor-1260	8.34	7.43	9.23	5968930	6094520	2.10
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2201915	4.27
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6935961	9.91
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3279214	5.59
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1313491	3.06
					Average %D	6.27

Data File: Y1802.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	449654	5.00
Aroclor-1016 {2}	4.38	4.30	4.44	943803	877819	6.99
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2016386	2.95
Aroclor-1016 {4}	5.34	5.26	5.40	893712	828419	7.31
Aroclor-1016 {5}	5.51	5.44	5.58	682289	675386	1.01
Aroclor-1260	7.87	6.97	8.77	721544	698999	3.12
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1036465	0.59
Aroclor-1260 {3}	9.71	8.81	10.61	864031	920697	6.56
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2103519	9.35
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1511709	9.54
					Average %D	5.24

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-R

Data File: R3790.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.99	3.91	4.05	2956783	2939479	0.59
Aroclor-1016 {2}	4.88	4.80	4.94	3180935	3309485	4.04
Aroclor-1016 {3}	5.47	5.39	5.53	5037171	5296920	5.16
Aroclor-1016 {4}	6.00	5.92	6.06	2331279	2578008	10.58
Aroclor-1016 {5}	6.41	6.33	6.47	4018839	4297447	6.93
Aroclor-1260	9.26	8.35	10.15	11832055	12758446	7.83
Aroclor-1260 {2}	9.95	9.04	10.84	6517838	6148035	5.67
Aroclor-1260 {3}	10.43	9.52	11.32	19005881	16253487	14.48
Aroclor-1260 {4}	10.92	10.01	11.81	9305595	7965529	14.40
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	4036397	14.00
					Average %D	8.37

Data File: R3790.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.22	4.36	2716548	2635086	3.00
Aroclor-1016 {2}	4.93	4.84	4.98	5219412	4803299	7.97
Aroclor-1016 {3}	5.70	5.61	5.75	11529208	10564942	8.36
Aroclor-1016 {4}	5.91	5.83	5.97	4657273	4474244	3.93
Aroclor-1016 {5}	6.09	6.01	6.15	3834792	3631026	5.31
Aroclor-1260	8.75	7.83	9.63	5239749	4876624	6.93
Aroclor-1260 {2}	9.16	8.24	10.04	5891072	5487925	6.84
Aroclor-1260 {3}	10.35	9.45	11.25	4216652	4131244	2.03
Aroclor-1260 {4}	10.86	9.95	11.75	8861982	8425977	4.92
Aroclor-1260 {5}	11.46	10.55	12.35	5905712	6077166	2.90
					Average %D	5.22

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-R

Data File: R3815.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	3484986	17.86
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3053816	4.00
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5642967	12.03
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2728675	17.05
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4355202	8.37
Aroclor-1260	9.25	8.35	10.15	11832055	12549591	6.06
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	6829877	4.79
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	21024811	10.62
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	9350270	0.48
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	3945816	15.93
					Average %D	9.72

Data File: R3815.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	3067853	12.93
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	5718031	9.55
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	12672767	9.92
Aroclor-1016 {4}	5.90	5.83	5.97	4657273	5362856	15.15
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	4310368	12.40
Aroclor-1260	8.73	7.83	9.63	5239749	6145741	17.29
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	6835300	16.03
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4882303	15.79
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	10224594	15.38
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	6866024	16.26
					Average %D	14.07

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-R

Data File: R3842.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	3074726	3.99
Aroclor-1016 {2}	4.88	4.80	4.94	3180935	3725044	17.11
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5681311	12.79
Aroclor-1016 {4}	6.00	5.92	6.06	2331279	2707967	16.16
Aroclor-1016 {5}	6.41	6.33	6.47	4018839	4497001	11.90
Aroclor-1260	9.26	8.35	10.15	11832055	14016177	18.46
Aroclor-1260 {2}	9.95	9.04	10.84	6517838	7176173	10.10
Aroclor-1260 {3}	10.43	9.52	11.32	19005881	20934561	10.15
Aroclor-1260 {4}	10.92	10.01	11.81	9305595	8879401	4.58
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	4075592	13.17
					Average %D	11.84

Data File: R3842.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	4.31	4.22	4.36	2716548	2734888	0.68
Aroclor-1016 {2}	4.93	4.84	4.98	5219412	5251660	0.62
Aroclor-1016 {3}	5.70	5.61	5.75	11529208	11937714	3.54
Aroclor-1016 {4}	5.91	5.83	5.97	4657273	5548924	19.15
Aroclor-1016 {5}	6.09	6.01	6.15	3834792	4452866	16.12
Aroclor-1260	8.75	7.83	9.63	5239749	5555307	6.02
Aroclor-1260 {2}	9.16	8.24	10.04	5891072	6357631	7.92
Aroclor-1260 {3}	10.36	9.45	11.25	4216652	4658630	10.48
Aroclor-1260 {4}	10.86	9.95	11.75	8861982	9422633	6.33
Aroclor-1260 {5}	11.46	10.55	12.35	5905712	6592437	11.63
					Average %D	8.25

PCB CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-R

Data File: R3857.D **GC Column (1st):** DB-5

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	3.98	3.91	4.05	2956783	2743498	7.21
Aroclor-1016 {2}	4.87	4.80	4.94	3180935	3462771	8.86
Aroclor-1016 {3}	5.46	5.39	5.53	5037171	5207863	3.39
Aroclor-1016 {4}	5.99	5.92	6.06	2331279	2551619	9.45
Aroclor-1016 {5}	6.40	6.33	6.47	4018839	4283070	6.57
Aroclor-1260	9.25	8.35	10.15	11832055	12736362	7.64
Aroclor-1260 {2}	9.94	9.04	10.84	6517838	5992648	8.06
Aroclor-1260 {3}	10.42	9.52	11.32	19005881	17864003	6.01
Aroclor-1260 {4}	10.91	10.01	11.81	9305595	7823310	15.93
Aroclor-1260 {5}	11.99	11.08	12.88	4693522	3940062	16.05
					Average %D	8.92

Data File: R3857.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WINDOW FROM	RT WINDOW TO	Avg CF	CC CF	%D
Aroclor-1016	4.29	4.22	4.36	2716548	2522636	7.14
Aroclor-1016 {2}	4.91	4.84	4.98	5219412	4871447	6.67
Aroclor-1016 {3}	5.68	5.61	5.75	11529208	10753037	6.73
Aroclor-1016 {4}	5.89	5.83	5.97	4657273	4683811	0.57
Aroclor-1016 {5}	6.07	6.01	6.15	3834792	3697079	3.59
Aroclor-1260	8.73	7.83	9.63	5239749	5517697	5.30
Aroclor-1260 {2}	9.14	8.24	10.04	5891072	6301790	6.97
Aroclor-1260 {3}	10.34	9.45	11.25	4216652	4695169	11.35
Aroclor-1260 {4}	10.85	9.95	11.75	8861982	9903582	11.75
Aroclor-1260 {5}	11.45	10.55	12.35	5905712	6933620	17.41
					Average %D	7.75

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-Y

Data File: Y1827.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1658832	1599191	3.60
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	1927367	17.95
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2884409	9.19
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1490549	0.61
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2290573	6.82
Aroclor-1260	8.34	7.43	9.23	5968930	5590456	6.34
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2060588	10.42
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6097653	3.37
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	2898365	6.67
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1489086	9.89
					Average %D	7.49

Data File: Y1827.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	466832	1.38
Aroclor-1016 {2}	4.38	4.30	4.44	943803	908596	3.73
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2073378	0.21
Aroclor-1016 {4}	5.34	5.26	5.40	893712	847671	5.15
Aroclor-1016 {5}	5.51	5.44	5.58	682289	691698	1.38
Aroclor-1260	7.87	6.97	8.77	721544	707284	1.98
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1031215	1.09
Aroclor-1260 {3}	9.71	8.81	10.61	864031	874168	1.17
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	1901630	1.14
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1322379	4.18
					Average %D	2.14

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-Y

Data File: Y1828.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1815000	9.41
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2519104	7.24
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	3408052	7.30
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1723386	14.91
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2685982	9.27
Aroclor-1260	8.34	7.43	9.23	5968930	6559113	9.89
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2694464	17.14
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6812901	7.96
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	2980399	4.03
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1330548	1.81
					Average %D	8.90

Data File: Y1828.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	518929	9.63
Aroclor-1016 {2}	4.39	4.30	4.44	943803	997267	5.66
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	2287009	10.08
Aroclor-1016 {4}	5.35	5.26	5.40	893712	985854	10.31
Aroclor-1016 {5}	5.52	5.44	5.58	682289	764642	12.07
Aroclor-1260	7.88	6.97	8.77	721544	797814	10.57
Aroclor-1260 {2}	8.14	7.22	9.02	1042585	1137555	9.11
Aroclor-1260 {3}	9.72	8.81	10.61	864031	936580	8.40
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	1946632	1.20
Aroclor-1260 {5}	10.82	9.91	11.71	1380032	1323166	4.12
					Average %D	8.11

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-Y

Data File: Y1849.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1658832	1544675	6.88
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2117594	9.86
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2926289	7.87
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1495776	0.26
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2329932	5.22
Aroclor-1260	8.34	7.43	9.23	5968930	6339340	6.21
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2715416	18.05
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7406556	17.37
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3551845	14.37
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1597663	17.91
					Average %D	10.40

Data File: Y1849.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	482959	2.03
Aroclor-1016 {2}	4.38	4.30	4.44	943803	935397	0.89
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2156989	3.82
Aroclor-1016 {4}	5.34	5.26	5.40	893712	938286	4.99
Aroclor-1016 {5}	5.51	5.44	5.58	682289	725260	6.30
Aroclor-1260	7.87	6.97	8.77	721544	690582	4.29
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1126330	8.03
Aroclor-1260 {3}	9.71	8.81	10.61	864031	980629	13.49
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2173610	13.00
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1526184	10.59
					Average %D	6.74

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1876.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1509707	8.99
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2077252	11.57
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2867530	9.72
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1467547	2.15
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2284667	7.06
Aroclor-1260	8.34	7.43	9.23	5968930	6244272	4.61
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2581091	12.21
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7313529	15.89
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3504730	12.85
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1561646	15.25
					Average %D	10.03

Data File: Y1876.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	480517	1.52
Aroclor-1016 {2}	4.38	4.30	4.44	943803	930300	1.43
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2142195	3.11
Aroclor-1016 {4}	5.34	5.26	5.40	893712	935672	4.70
Aroclor-1016 {5}	5.51	5.44	5.58	682289	720377	5.58
Aroclor-1260	7.87	6.97	8.77	721544	757603	5.00
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1124020	7.81
Aroclor-1260 {3}	9.71	8.81	10.61	864031	973871	12.71
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2165570	12.58
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1514027	9.71
					Average %D	6.41

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1879.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1479887	10.79
Aroclor-1016 {2}	4.12	4.04	4.18	2349133	2053032	12.60
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2828244	10.96
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1436816	4.20
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2257327	8.17
Aroclor-1260	8.34	7.43	9.23	5968930	6200969	3.89
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2753367	19.70
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7257252	15.00
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3470703	11.76
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1533648	13.18
					Average %D	11.02

Data File: Y1879.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	469265	0.86
Aroclor-1016 {2}	4.38	4.30	4.44	943803	910040	3.58
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2094982	0.83
Aroclor-1016 {4}	5.34	5.26	5.40	893712	917659	2.68
Aroclor-1016 {5}	5.51	5.44	5.58	682289	706252	3.51
Aroclor-1260	7.87	6.97	8.77	721544	743125	2.99
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1104563	5.94
Aroclor-1260 {3}	9.71	8.81	10.61	864031	956771	10.73
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2126288	10.54
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1488018	7.82
					Average %D	4.95

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1880.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1615148	2.63
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2243175	4.51
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	3031702	4.55
Aroclor-1016 {4}	5.16	5.09	5.23	1499750	1575390	5.04
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2422114	1.47
Aroclor-1260	8.34	7.43	9.23	5968930	6425096	7.64
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2707726	17.72
Aroclor-1260 {3}	9.48	8.58	10.38	6310501	6891021	9.20
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3247613	4.57
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1340777	1.05
					Average %D	5.84

Data File: Y1880.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	482440	1.92
Aroclor-1016 {2}	4.39	4.30	4.44	943803	925919	1.89
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	2140504	3.02
Aroclor-1016 {4}	5.35	5.26	5.40	893712	914959	2.38
Aroclor-1016 {5}	5.52	5.44	5.58	682289	711377	4.26
Aroclor-1260	7.88	6.97	8.77	721544	752712	4.32
Aroclor-1260 {2}	8.13	7.22	9.02	1042585	1098719	5.38
Aroclor-1260 {3}	9.72	8.81	10.61	864031	945594	9.44
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	1950764	1.41
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1327539	3.80
					Average %D	3.78

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1882.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1563368	5.75
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2141259	8.85
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2980368	6.17
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1515656	1.06
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2397757	2.46
Aroclor-1260	8.34	7.43	9.23	5968930	6532889	9.45
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2686232	16.78
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7183890	13.84
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3647490	17.45
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1485330	9.62
					Average %D	9.14

Data File: Y1882.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	469427	0.83
Aroclor-1016 {2}	4.38	4.30	4.44	943803	907063	3.89
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2087608	0.48
Aroclor-1016 {4}	5.34	5.26	5.40	893712	914992	2.38
Aroclor-1016 {5}	5.51	5.44	5.58	682289	706202	3.50
Aroclor-1260	7.87	6.97	8.77	721544	758482	5.12
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1124279	7.84
Aroclor-1260 {3}	9.71	8.81	10.61	864031	992533	14.87
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2234825	16.18
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1599878	15.93
					Average %D	7.10

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-Y

Data File: Y1776.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1889153	13.88
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2245284	4.42
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	3383097	6.51
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1735491	15.72
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2654526	7.99
Aroclor-1260	8.34	7.43	9.23	5968930	6903597	15.66
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2526411	9.83
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7479191	18.52
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3418389	10.07
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1248753	7.84
					Average %D	11.05

Data File: Y1776.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	493795	4.32
Aroclor-1016 {2}	4.39	4.30	4.44	943803	946159	0.25
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	2155405	3.74
Aroclor-1016 {4}	5.35	5.26	5.40	893712	889965	0.42
Aroclor-1016 {5}	5.52	5.44	5.58	682289	715887	4.92
Aroclor-1260	7.88	6.97	8.77	721544	734639	1.81
Aroclor-1260 {2}	8.13	7.22	9.02	1042585	1067046	2.35
Aroclor-1260 {3}	9.72	8.81	10.61	864031	949504	9.89
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	2072246	7.73
Aroclor-1260 {5}	10.82	9.91	11.71	1380032	1469418	6.48
					Average %D	4.19

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/17/2012 **Instrument ID:** GC-Y

Data File: Y1801.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.29	3.21	3.35	1658832	1597430	3.70
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	1909440	18.72
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2884562	9.18
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1505398	0.38
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2320418	5.60
Aroclor-1260	8.34	7.43	9.23	5968930	6070819	1.71
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2173002	5.53
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6898536	9.32
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3264234	5.11
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1315898	2.89
					Average %D	6.21

Data File: Y1801.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	447476	5.46
Aroclor-1016 {2}	4.38	4.30	4.44	943803	873988	7.40
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2007189	3.39
Aroclor-1016 {4}	5.34	5.26	5.40	893712	820088	8.24
Aroclor-1016 {5}	5.51	5.44	5.58	682289	672379	1.45
Aroclor-1260	7.87	6.97	8.77	721544	695423	3.62
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1032379	0.98
Aroclor-1260 {3}	9.71	8.81	10.61	864031	923373	6.87
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2124630	10.45
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1528958	10.79
					Average %D	5.87

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-Y

Data File: Y1828.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1815000	9.41
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2519104	7.24
Aroclor-1016 {3}	4.66	4.59	4.73	3176212	3408052	7.30
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1723386	14.91
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2685982	9.27
Aroclor-1260	8.34	7.43	9.23	5968930	6559113	9.89
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2694464	17.14
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6812901	7.96
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	2980399	4.03
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1330548	1.81
					Average %D	8.90

Data File: Y1828.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.79	3.71	3.85	473344	518929	9.63
Aroclor-1016 {2}	4.39	4.30	4.44	943803	997267	5.66
Aroclor-1016 {3}	5.14	5.06	5.20	2077677	2287009	10.08
Aroclor-1016 {4}	5.35	5.26	5.40	893712	985854	10.31
Aroclor-1016 {5}	5.52	5.44	5.58	682289	764642	12.07
Aroclor-1260	7.88	6.97	8.77	721544	797814	10.57
Aroclor-1260 {2}	8.14	7.22	9.02	1042585	1137555	9.11
Aroclor-1260 {3}	9.72	8.81	10.61	864031	936580	8.40
Aroclor-1260 {4}	10.23	9.32	11.12	1923581	1946632	1.20
Aroclor-1260 {5}	10.82	9.91	11.71	1380032	1323166	4.12
					Average %D	8.11

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/18/2012 **Instrument ID:** GC-Y

Data File: Y1839.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1694072	2.12
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2327851	0.91
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	3213579	1.18
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1599323	6.64
Aroclor-1016 {5}	5.56	5.49	5.63	2458192	2542942	3.45
Aroclor-1260	8.34	7.43	9.23	5968930	6645383	11.33
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2714342	18.00
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	6991556	10.79
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3556196	14.51
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1477920	9.07
					Average %D	7.80

Data File: Y1839.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	505855	6.87
Aroclor-1016 {2}	4.38	4.30	4.44	943803	987343	4.61
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2266327	9.08
Aroclor-1016 {4}	5.34	5.26	5.40	893712	978370	9.47
Aroclor-1016 {5}	5.51	5.44	5.58	682289	755823	10.78
Aroclor-1260	7.87	6.97	8.77	721544	744331	3.16
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1145024	9.83
Aroclor-1260 {3}	9.71	8.81	10.61	864031	993437	14.98
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2198742	14.30
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1534745	11.21
					Average %D	9.43

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1876.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1509707	8.99
Aroclor-1016 {2}	4.11	4.04	4.18	2349133	2077252	11.57
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2867530	9.72
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1467547	2.15
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2284667	7.06
Aroclor-1260	8.34	7.43	9.23	5968930	6244272	4.61
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2581091	12.21
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7313529	15.89
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3504730	12.85
Aroclor-1260 {5}	11.03	10.12	11.92	1355022	1561646	15.25
					Average %D	10.03

Data File: Y1876.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	480517	1.52
Aroclor-1016 {2}	4.38	4.30	4.44	943803	930300	1.43
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2142195	3.11
Aroclor-1016 {4}	5.34	5.26	5.40	893712	935672	4.70
Aroclor-1016 {5}	5.51	5.44	5.58	682289	720377	5.58
Aroclor-1260	7.87	6.97	8.77	721544	757603	5.00
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1124020	7.81
Aroclor-1260 {3}	9.71	8.81	10.61	864031	973871	12.71
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2165570	12.58
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1514027	9.71
					Average %D	6.41

AROCLOR CALIBRATION VERIFICATION SUMMARY

Date/Time Analyzed: 09/19/2012 **Instrument ID:** GC-Y

Data File: Y1879.D **GC Column (1st):** DB-5

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.28	3.21	3.35	1658832	1479887	10.79
Aroclor-1016 {2}	4.12	4.04	4.18	2349133	2053032	12.60
Aroclor-1016 {3}	4.67	4.59	4.73	3176212	2828244	10.96
Aroclor-1016 {4}	5.17	5.09	5.23	1499750	1436816	4.20
Aroclor-1016 {5}	5.57	5.49	5.63	2458192	2257327	8.17
Aroclor-1260	8.34	7.43	9.23	5968930	6200969	3.89
Aroclor-1260 {2}	9.01	8.10	9.90	2300198	2753367	19.70
Aroclor-1260 {3}	9.49	8.58	10.38	6310501	7257252	15.00
Aroclor-1260 {4}	9.97	9.06	10.86	3105620	3470703	11.76
Aroclor-1260 {5}	11.02	10.12	11.92	1355022	1533648	13.18
					Average %D	11.02

Data File: Y1879.C **GC Column (2nd):** DB-1701P

Compound	RT	RT WI NDOW FROM	TO	Avg CF	CC CF	%D
Aroclor-1016	3.78	3.71	3.85	473344	469265	0.86
Aroclor-1016 {2}	4.38	4.30	4.44	943803	910040	3.58
Aroclor-1016 {3}	5.13	5.06	5.20	2077677	2094982	0.83
Aroclor-1016 {4}	5.34	5.26	5.40	893712	917659	2.68
Aroclor-1016 {5}	5.51	5.44	5.58	682289	706252	3.51
Aroclor-1260	7.87	6.97	8.77	721544	743125	2.99
Aroclor-1260 {2}	8.12	7.22	9.02	1042585	1104563	5.94
Aroclor-1260 {3}	9.71	8.81	10.61	864031	956771	10.73
Aroclor-1260 {4}	10.22	9.32	11.12	1923581	2126288	10.54
Aroclor-1260 {5}	10.81	9.91	11.71	1380032	1488018	7.82
					Average %D	4.95

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 **3.48** **DCB 1** **13.10** **TCMX 2** **3.38** **DCB 2** **13.15**

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKA120913-09	09/14/2012	22:32	3.48		13.10		3.38		13.15	
FB-37	09052-021	09/14/2012	22:49	3.48		13.10		3.39		13.15	
FB090612	09126-021	09/14/2012	23:06	3.48		13.10		3.39		13.15	
MW-1	09127-001	09/14/2012	23:24	3.49		13.10		3.39		13.15	
MW-2	09127-002	09/14/2012	23:41	3.50		13.11		3.41		13.16	
MW-3	09127-003	09/14/2012	23:59	3.48		13.10		3.39		13.15	
MW-5	09127-005	09/15/2012	00:16	3.48		13.10		3.39		13.15	
MW-16	09127-016	09/15/2012	00:33	3.48		13.10		3.39		13.15	
MW-17	09127-017	09/15/2012	00:51	3.49		13.10		3.39		13.15	
MW-21	09127-021	09/15/2012	01:08	3.48		13.10		3.39		13.15	
FB-38	09128-015	09/15/2012	01:25	3.48		13.10		3.39		13.15	
FB-39	09161-058	09/15/2012	01:43	3.48		13.10		3.39		13.15	
FB-40	09199-054	09/15/2012	02:00	3.48		13.10		3.39		13.15	
FB-41	09240-062	09/15/2012	02:18	3.49		13.10		3.39		13.15	
PCB	09127-002MS	09/15/2012	02:35	3.49		13.10		3.39		13.15	
PCB	09127-002MSD	09/15/2012	02:52	3.49		13.10		3.40		13.15	
PCB	LCSA120913-09	09/15/2012	03:10	3.49		13.10		3.39		13.15	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.11 **TCMX 2** 2.91 **DCB 2** 12.49

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120914-04	09/17/2012	21:02	2.82		12.11		2.91		12.49	
N-15_(0-2.	09199-017	09/17/2012	21:19	2.82		12.11		2.91		12.48	
N-15_(2.0-	09199-018	09/17/2012	21:36	2.82		12.11		2.91		12.48	
N-15_(4.0-	09199-019	09/17/2012	21:54	2.82		12.10		2.91		12.48	
O-16_(0-2.	09199-025	09/17/2012	23:37	2.82		12.11		2.91		12.48	
O-16_(2.0-	09199-026	09/17/2012	23:54	2.82		12.11		2.91		12.48	
O-16_(4.0-	09199-027	09/18/2012	00:11	2.82		12.11		2.91		12.48	
O-16_(5.0-	09199-028	09/18/2012	00:28	2.82		12.11		2.91		12.48	
O-17_(4.0-	09199-031	09/18/2012	01:20	2.82		12.11		2.91		12.48	
O-17_(4.5-	09199-032	09/18/2012	01:37	2.82		12.11		2.91		12.48	
O-17_(5.25	09199-033	09/18/2012	01:54	2.82		12.11		2.91		12.48	
O-18_(4.0-	09199-036	09/18/2012	02:46	2.82		12.11		2.91		12.48	
PCB	09199-033MS	09/18/2012	03:03	2.82		12.11		2.91		12.48	
PCB	09199-033MSD	09/18/2012	03:20	2.82		12.11		2.91		12.48	
N-15_(5.0-	09199-020	09/18/2012	15:51	2.83		12.11		2.91		12.49	
P-15_(4.0-	09199-021	09/18/2012	17:57	0.00	D	0.00	D	0.00	D	0.00	D
P-15_(5.0-	09199-022	09/18/2012	18:15	0.00	D	0.00	D	0.00	D	0.00	D
P-15_(7.0-	09199-024	09/18/2012	18:49	0.00	D	0.00	D	0.00	D	0.00	D
O-17_(0-2.	09199-029	09/18/2012	19:06	0.00	D	0.00	D	0.00	D	0.00	D
O-17_(2.0-	09199-030	09/18/2012	19:23	0.00	D	0.00	D	0.00	D	0.00	D
O-18_(0-2.	09199-034	09/18/2012	19:40	0.00	D	0.00	D	0.00	D	0.00	D
O-18_(2.0-	09199-035	09/18/2012	19:58	0.00	D	0.00	D	0.00	D	0.00	D
PCB	LCSS120914-04	09/19/2012	04:34	2.82		12.11		2.91		12.49	
P-15_(6.0-	09199-023	09/19/2012	13:41	0.00	D	0.00	D	0.00	D	0.00	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.11 **TCMX 2** 2.91 **DCB 2** 12.49

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120914-02	09/17/2012	12:55	2.82		12.11		2.91		12.49	
M-33_(6.0-	09161-054	09/17/2012	13:52	2.82		12.11		2.92		12.50	
M-42_(5.0-	09161-056	09/17/2012	14:27	2.82		12.11		2.91		12.48	
M-42_(6.0-	09161-057	09/17/2012	14:44	2.82		12.11		2.91		12.48	
M-12_(0-2.	09199-001	09/17/2012	15:01	2.82		12.11		2.91		12.48	
M-12_(5.0-	09199-004	09/17/2012	15:53	2.82		12.11		2.91		12.49	
M-13_(2.0-	09199-006	09/17/2012	16:27	2.82		12.11		2.91		12.48	
M-13_(5.25	09199-008	09/17/2012	17:01	2.82		12.10		2.90		12.48	
M-14_(2.0-	09199-010	09/17/2012	17:36	2.82		12.11		2.91		12.48	
M-14_(5.25	09199-012	09/17/2012	18:10	2.82		12.11		2.91		12.49	
M-15_(2.0-	09199-014	09/17/2012	18:44	2.82		12.11		2.91		12.48	
M-15_(5.0-	09199-016	09/17/2012	19:19	2.82		12.11		2.91		12.49	
PCB	09199-016MS	09/17/2012	19:36	2.82		12.11		2.91		12.49	
PCB	09199-016MSD	09/17/2012	19:53	2.82		12.11		2.91		12.48	
M-42_(4.0-	09161-055	09/18/2012	12:18	2.82		12.11		2.91		12.49	
M-12_(2.0-	09199-002	09/18/2012	12:35	2.82		12.11		2.91		12.49	
M-12_(4.0-	09199-003	09/18/2012	12:52	2.82		12.11		2.91		12.49	
M-13_(0-2.	09199-005	09/18/2012	14:08	2.82		12.11		2.92		12.49	
M-13_(4.0-	09199-007	09/18/2012	14:25	2.82		12.11		2.91		12.49	
M-14_(0-2.	09199-009	09/18/2012	14:42	2.82		12.11		2.91		12.49	
M-14_(4.0-	09199-011	09/18/2012	15:00	2.82		12.11		2.91		12.49	
M-15_(0-2.	09199-013	09/18/2012	15:17	2.82		12.11		2.91		12.50	
M-15_(4.0-	09199-015	09/18/2012	15:34	2.82		12.11		2.91		12.49	
PCB	LCSS120914-02	09/19/2012	04:16	2.82		12.11		2.91		12.49	

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-R **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 3.49 **DCB 1** 13.10 **TCMX 2** 3.39 **DCB 2** 13.15

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120914-05	09/17/2012	15:01	3.49		13.10		3.39		13.15	
O-18_(5.0-	09199-037	09/17/2012	15:19	3.49		13.10		3.39		13.15	
O-19_(2.0-	09199-039	09/17/2012	15:54	3.49		13.10		3.40		13.15	
O-19_(4.0-	09199-040	09/17/2012	16:11	3.49		13.10		3.40		13.15	
O-19_(5.0-	09199-041	09/17/2012	16:29	3.49		13.10		3.40		13.15	
O-21_(0-2.	09199-042	09/17/2012	16:46	3.49		13.10		3.40		13.15	
O-21_(2.0-	09199-043	09/17/2012	17:04	3.49		13.10		3.40		13.15	
O-21_(4.0-	09199-044	09/17/2012	17:21	3.49		13.10		3.40		13.15	
O-21_(5.0-	09199-045	09/17/2012	17:39	3.49		13.10		3.40		13.15	
N-21_(0-2.	09199-046	09/17/2012	17:56	3.50		13.10		3.40		13.15	
N-21_(2.0-	09199-047	09/17/2012	18:13	3.50		13.10		3.40		13.15	
N-21_(4.0-	09199-048	09/17/2012	18:31	3.49		13.10		3.39		13.15	
N-21_(5.25	09199-049	09/17/2012	18:48	3.49		13.10		3.40		13.15	
N-20_(4.0-	09199-052	09/17/2012	19:40	3.49		13.10		3.40		13.15	
N-20_(5.0-	09199-053	09/17/2012	19:58	3.49		13.10		3.40		13.15	
N-19(4.0-5	09240-003	09/17/2012	20:50	3.49		13.10		3.40		13.15	
PCB	09199-047MS	09/17/2012	21:07	3.49		13.10		3.40		13.15	
PCB	09199-047MSD	09/17/2012	21:25	3.49		13.10		3.40		13.15	
PCB	LCSS120914-05	09/17/2012	21:59	3.48		13.10		3.38		13.15	
O-19_(0-2.	09199-038	09/18/2012	14:21	0.00	D	0.00	D	0.00	D	0.00	D
N-20_(0-2.	09199-050	09/18/2012	14:39	0.00	D	0.00	D	0.00	D	0.00	D
N-20_(2.0-	09199-051	09/18/2012	14:56	0.00	D	0.00	D	0.00	D	0.00	D
N-19(0-2.0	09240-001	09/18/2012	15:14	0.00	D	0.00	D	0.00	D	0.00	D
N-19(2.0-4	09240-002	09/18/2012	15:31	0.00	D	0.00	D	0.00	D	0.00	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB RETENTION TIME SHIFT SUMMARY

Instrument ID: GC-Y **Column:** DB-5/DB-1701P

Surrogate RT from initial calibration :

TCMX 1 2.82 **DCB 1** 12.11 **TCMX 2** 2.91 **DCB 2** 12.49

Client ID	Lab Sample ID	Date Analyzed	Time Analyzed	TCMX 1 RT	#	DCB 1 RT	#	TCMX 2 RT	#	DCB 2 RT	#
PCB	BLKS120914-04	09/17/2012	21:02	2.82		12.11		2.91		12.49	
N-15_(0-2.	09199-017	09/17/2012	21:19	2.82		12.11		2.91		12.48	
N-15_(2.0-	09199-018	09/17/2012	21:36	2.82		12.11		2.91		12.48	
N-15_(4.0-	09199-019	09/17/2012	21:54	2.82		12.10		2.91		12.48	
O-16_(0-2.	09199-025	09/17/2012	23:37	2.82		12.11		2.91		12.48	
O-16_(2.0-	09199-026	09/17/2012	23:54	2.82		12.11		2.91		12.48	
O-16_(4.0-	09199-027	09/18/2012	00:11	2.82		12.11		2.91		12.48	
O-16_(5.0-	09199-028	09/18/2012	00:28	2.82		12.11		2.91		12.48	
O-17_(4.0-	09199-031	09/18/2012	01:20	2.82		12.11		2.91		12.48	
O-17_(4.5-	09199-032	09/18/2012	01:37	2.82		12.11		2.91		12.48	
O-17_(5.25	09199-033	09/18/2012	01:54	2.82		12.11		2.91		12.48	
O-18_(4.0-	09199-036	09/18/2012	02:46	2.82		12.11		2.91		12.48	
PCB	09199-033MS	09/18/2012	03:03	2.82		12.11		2.91		12.48	
PCB	09199-033MSD	09/18/2012	03:20	2.82		12.11		2.91		12.48	
N-15_(5.0-	09199-020	09/18/2012	15:51	2.83		12.11		2.91		12.49	
P-15_(4.0-	09199-021	09/18/2012	17:57	0.00	D	0.00	D	0.00	D	0.00	D
P-15_(5.0-	09199-022	09/18/2012	18:15	0.00	D	0.00	D	0.00	D	0.00	D
P-15_(7.0-	09199-024	09/18/2012	18:49	0.00	D	0.00	D	0.00	D	0.00	D
O-17_(0-2.	09199-029	09/18/2012	19:06	0.00	D	0.00	D	0.00	D	0.00	D
O-17_(2.0-	09199-030	09/18/2012	19:23	0.00	D	0.00	D	0.00	D	0.00	D
O-18_(0-2.	09199-034	09/18/2012	19:40	0.00	D	0.00	D	0.00	D	0.00	D
O-18_(2.0-	09199-035	09/18/2012	19:58	0.00	D	0.00	D	0.00	D	0.00	D
PCB	LCSS120914-04	09/19/2012	04:34	2.82		12.11		2.91		12.49	
P-15_(6.0-	09199-023	09/19/2012	13:41	0.00	D	0.00	D	0.00	D	0.00	D

Surrogate QC Limits

TCMX = Tetrachloro-m-xylene (± 0.10 Minutes)

DCB = Decachlorobiphenyl (± 0.10 Minutes)

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
M Matrix interference

PCB SAMPLE DATA

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1782.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:01
Operator : IB
Sample : M-12_(0-2.,09199-001,S,5.78g,16.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:30:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	19313.0E6	5407.1E6	198.184	202.870
Spiked Amount 200.000			Recovery	=	99.09%	101.44%
2) S DCB	12.11	12.48	3521.9E6	1308.3E6	173.203m	151.071
Spiked Amount 200.000			Recovery	=	86.60%	75.54%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	528.7E6	159.0E6	144.384	153.030
24) L6 Aroclor-1248 {2}	5.05	5.71	350.5E6	321.9E6	174.789	209.981
25) L6 Aroclor-1248 {3}	5.37	6.11	448.0E6	225.9E6	179.512	208.156
26) L6 Aroclor-1248 {4}	6.07	6.26	1438.4E6	189.4E6	317.913	192.418 #
27) L6 Aroclor-1248 {5}	6.34	6.62	902.8E6	127.6E6	287.765	238.064
Sum Aroclor-1248			3668.3E6	1023.8E6	1104.363	1001.649
Average Aroclor-1248					220.873	200.330
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.34	7.87	846.8E6	319.0E6	141.870	442.096 #
34) L8 Aroclor-1260 {2}	9.01	8.13	184.6E6	166.8E6	80.253	159.957 #
35) L8 Aroclor-1260 {3}	9.48	9.71	540.6E6	241.6E6	85.674	279.644 #
36) L8 Aroclor-1260 {4}	9.96	10.22	235.3E6	147.0E6	75.772	76.418
37) L8 Aroclor-1260 {5}	11.02	10.80	162.5E6	131.1E6	119.930	95.017
Sum Aroclor-1260			1969.9E6	1005.5E6	503.499	1053.133
Average Aroclor-1260					100.700	210.627
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1782.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:01
Operator : IB
Sample : M-12_(0-2.,09199-001,S,5.78g,16.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:30:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

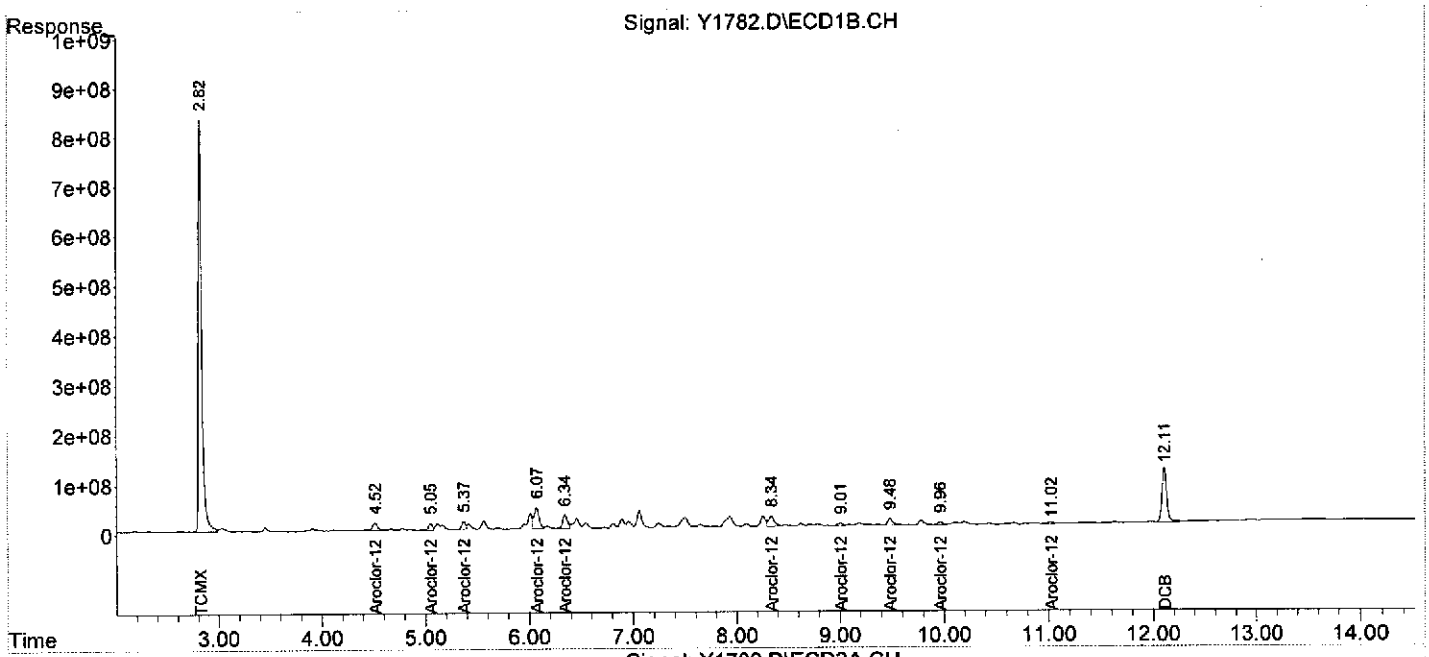
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

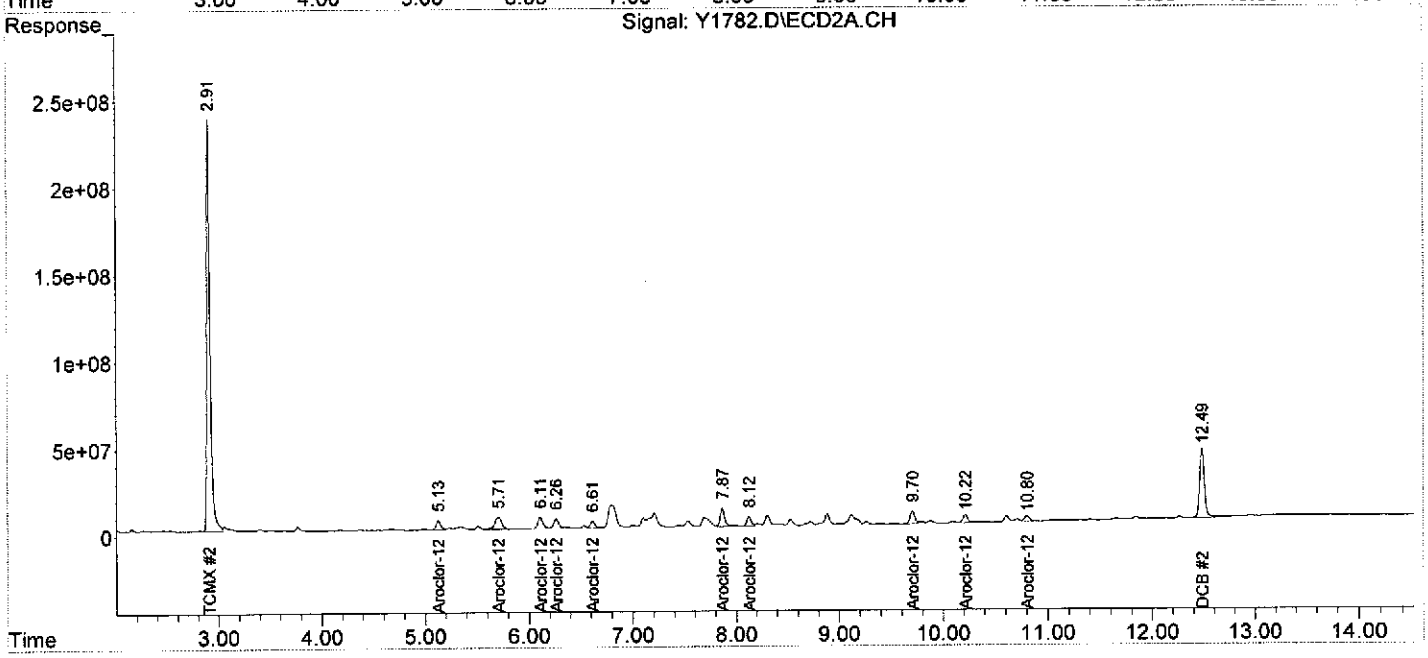
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1782.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:01
Operator : IB
Sample : M-12_(0-2.,09199-001,S,5.78g,16.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:30:28 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1830.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 12:35
Operator : YG
Sample : M-12_(2.0-,09199-002,S,5.30g,41.1,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:53:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	12539.9E6	5701.4E6	128.681	213.913 #
Spiked Amount 200.000			Recovery	=	64.34%	106.96%
2) S DCB	12.11	12.49	3555.5E6	1477.8E6	174.857	170.647
Spiked Amount 200.000			Recovery	=	87.43%	85.32%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

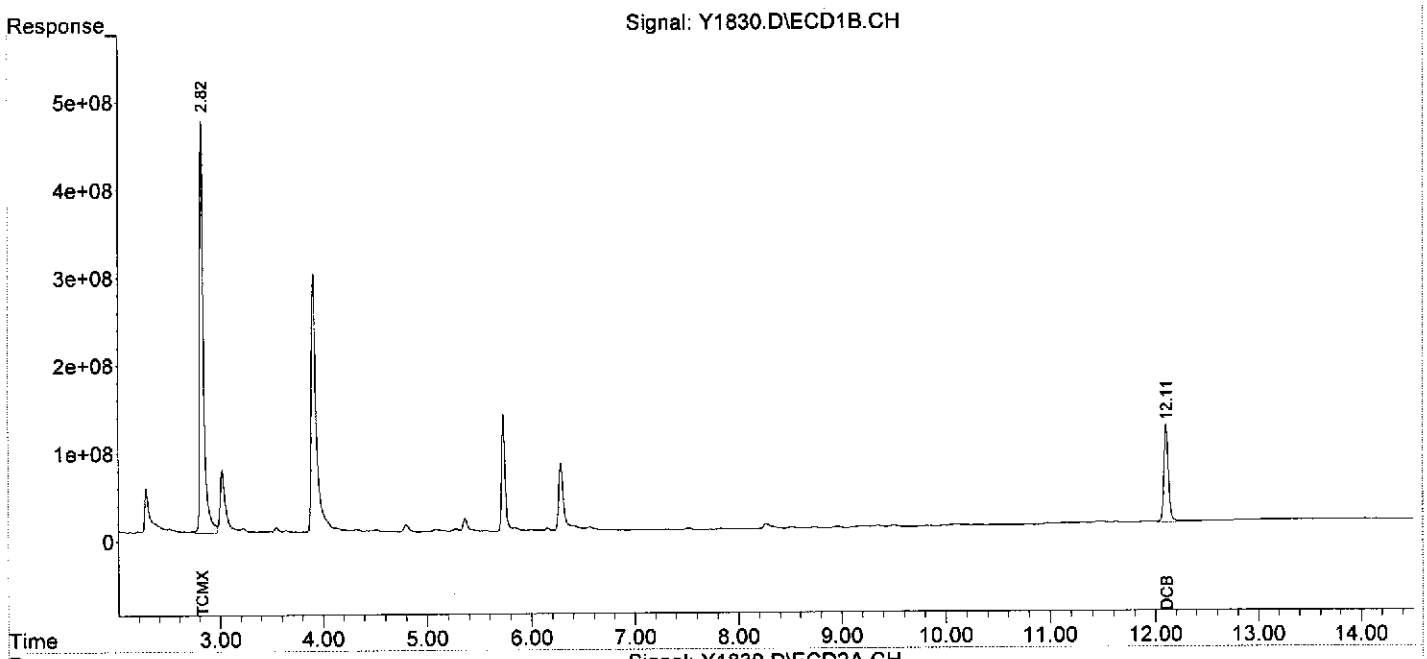
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

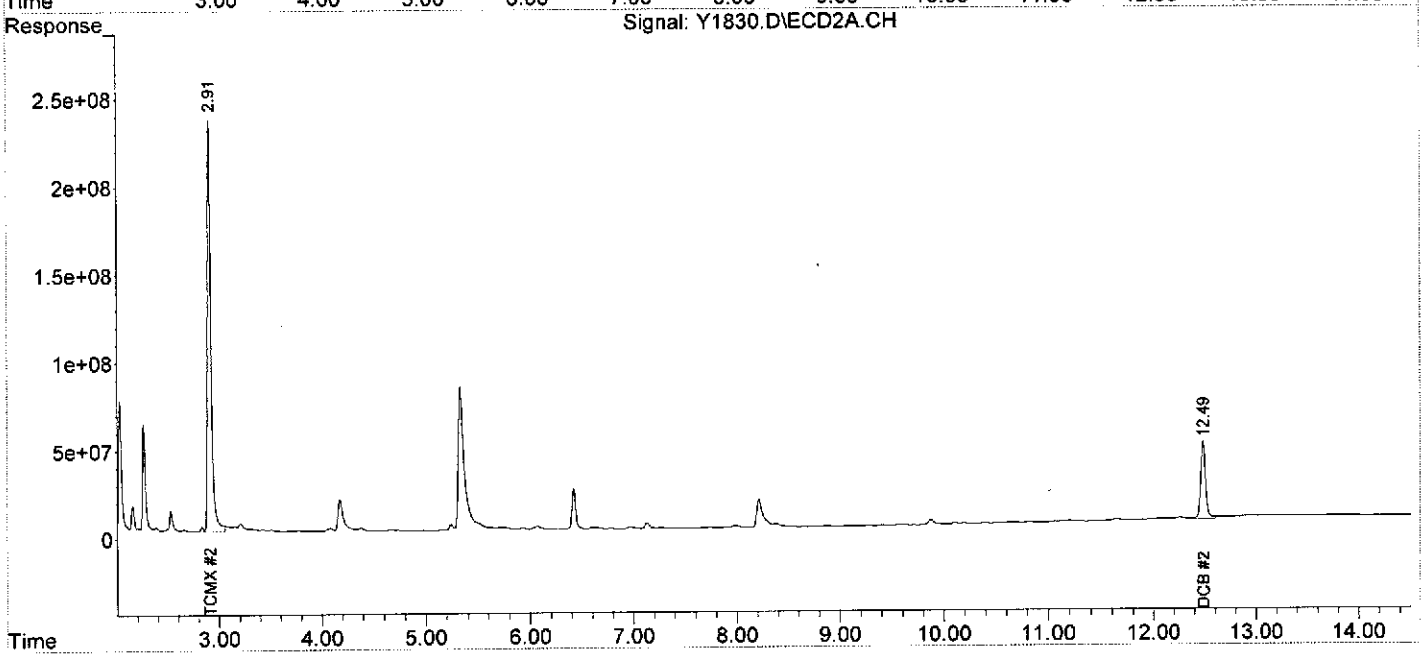
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1830.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 12:35
Operator : YG
Sample : M-12_(2.0-,09199-002,S,5.30g,41.1,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:53:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1831.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 12:52
Operator : YG
Sample : M-12_(4.0-,09199-003,S,5.27g,66.0,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:53:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	26127.8E6	7533.2E6	268.115	282.641
Spiked Amount 200.000			Recovery	=	134.06%	141.32%
2) S DCB	12.11	12.49	4477.0E6	1801.1E6	220.175	207.983
Spiked Amount 200.000			Recovery	=	110.09%	103.99%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

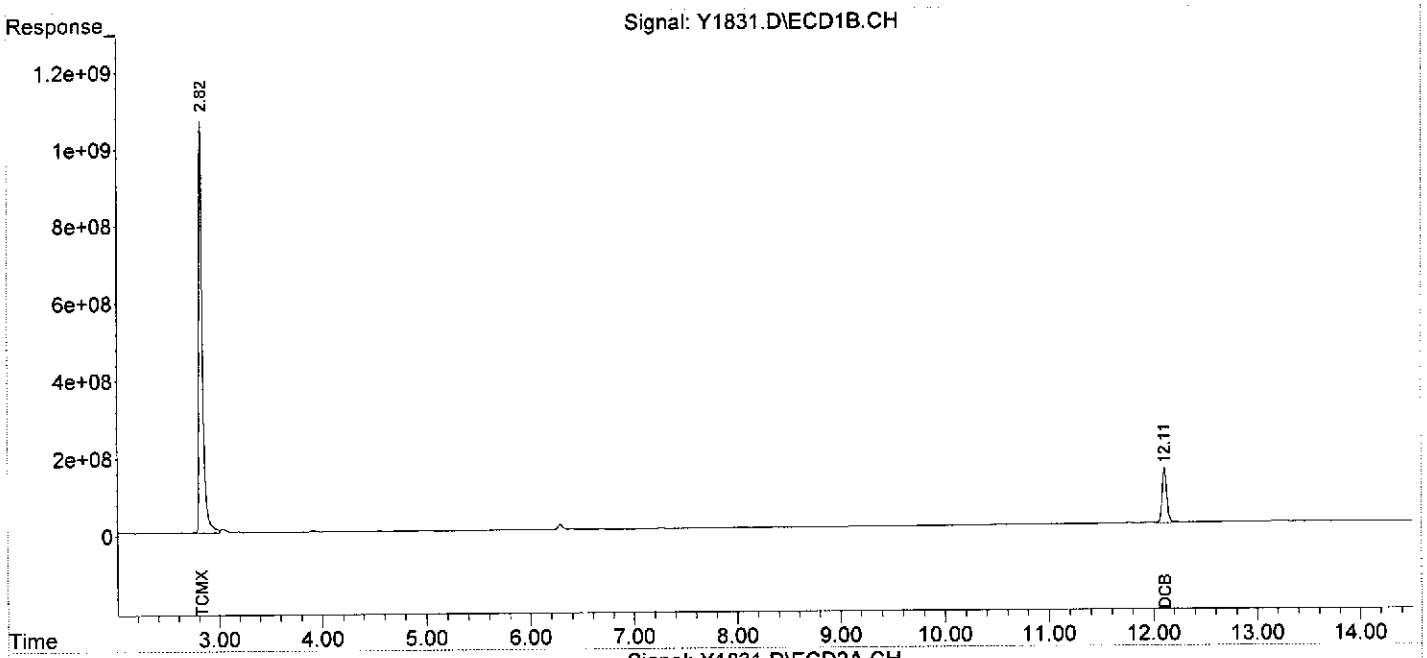
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

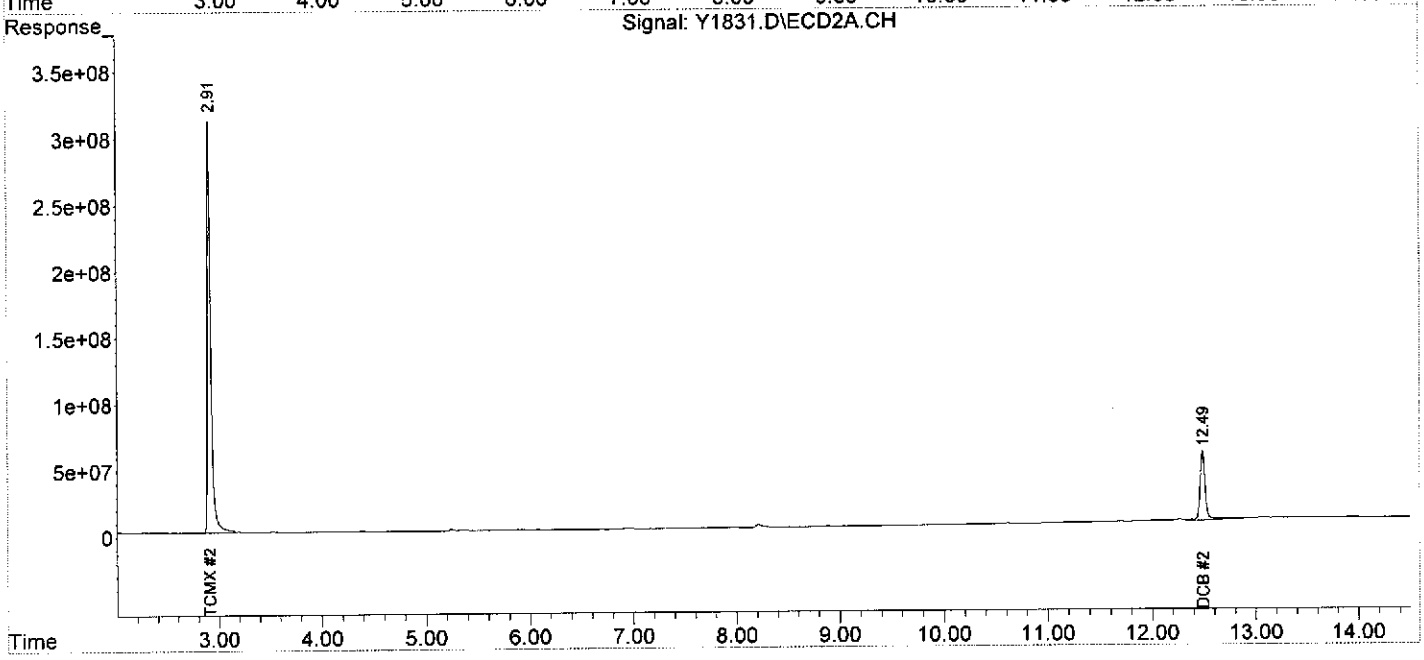
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1831.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 12:52
Operator : YG
Sample : M-12_(4.0-,09199-003,S,5.27g,66.0,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:53:49 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1785.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:53
Operator : IB
Sample : M-12_(5.0-,09199-004,S,5.76g,16.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:31:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21608.7E6	5754.2E6	221.741	215.895
Spiked Amount 200.000			Recovery	=	110.87%	107.95%
2) S DCB	12.11	12.49	4155.7E6	1395.2E6	204.373	161.112m
Spiked Amount 200.000			Recovery	=	102.19%	80.56%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

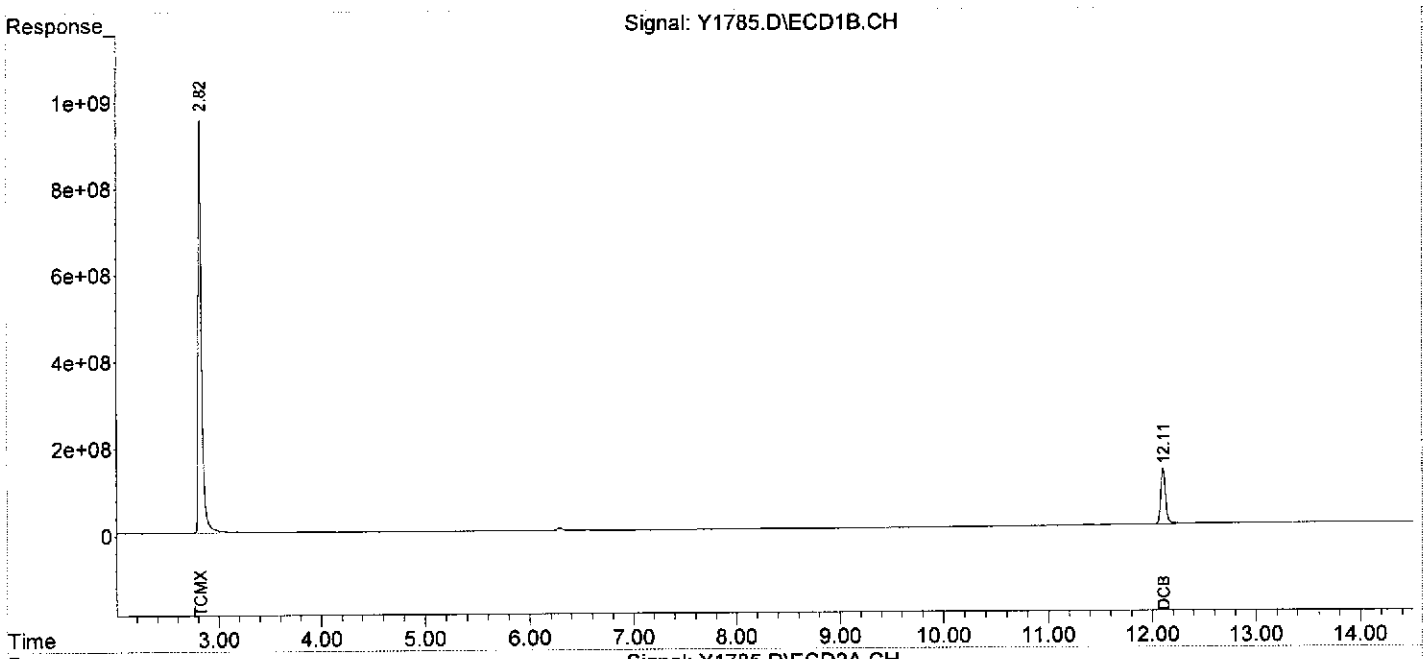
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

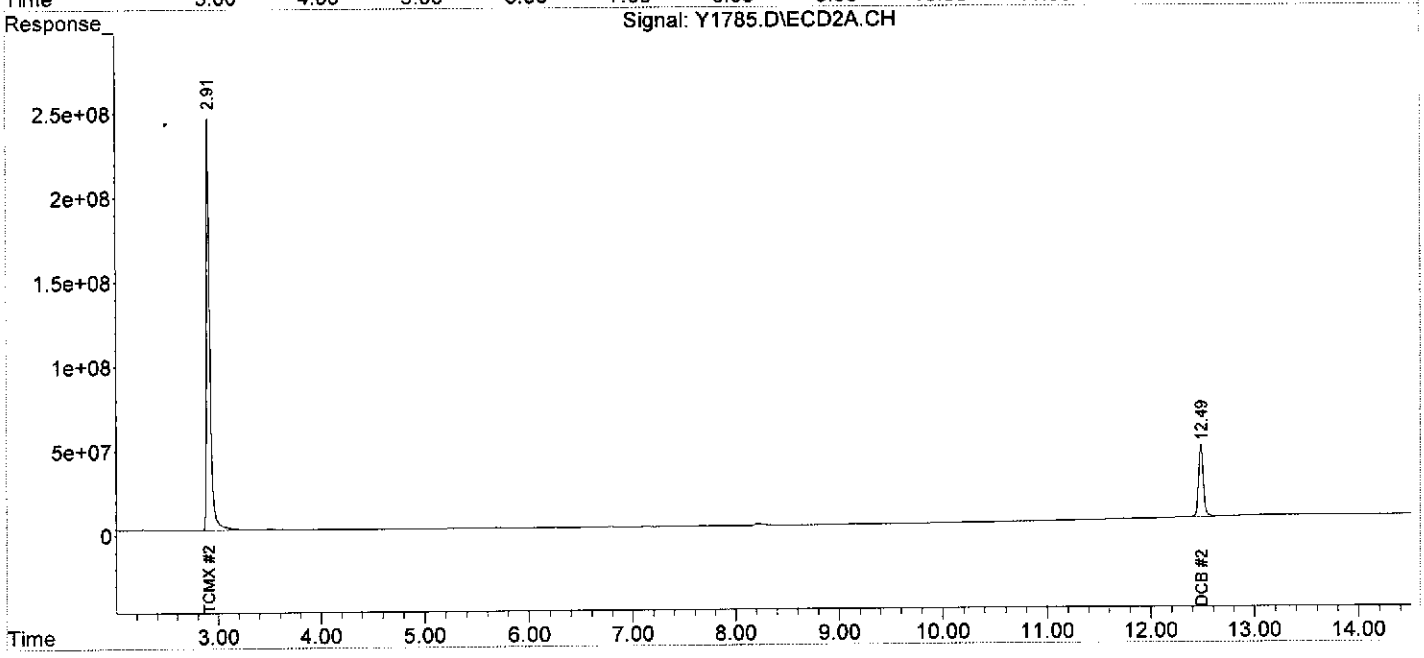
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1785.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:53
Operator : IB
Sample : M-12_(5.0-,09199-004,S,5.76g,16.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:31:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1832.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:08
Operator : YG
Sample : M-13_(0-2.,09199-005,S,5.19g,13.6,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:54:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.92	1578.9E6	501.7E6	16.202	18.825
Spiked Amount 200.000			Recovery	=	8.10%	9.41%
2) S DCB	12.11	12.49	283.2E6	103.3E6	13.929m	11.934m
Spiked Amount 200.000			Recovery	=	6.96%	5.97%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.14	2507.5E6	731.7E6	684.788	704.077
24) L6 Aroclor-1248 {2}	5.05	5.72	1361.2E6	1107.2E6	678.906	722.202
25) L6 Aroclor-1248 {3}	5.37	6.12	2039.2E6	889.7E6	817.190	819.710
26) L6 Aroclor-1248 {4}	6.07	6.27	5593.5E6	769.3E6	1236.290	781.613 #
27) L6 Aroclor-1248 {5}	6.34	6.62	4626.8E6	540.1E6	1474.730	1007.640 #
Sum Aroclor-1248			16128.2E6	4037.9E6	4891.905	4035.242
Average Aroclor-1248					978.381	807.048
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

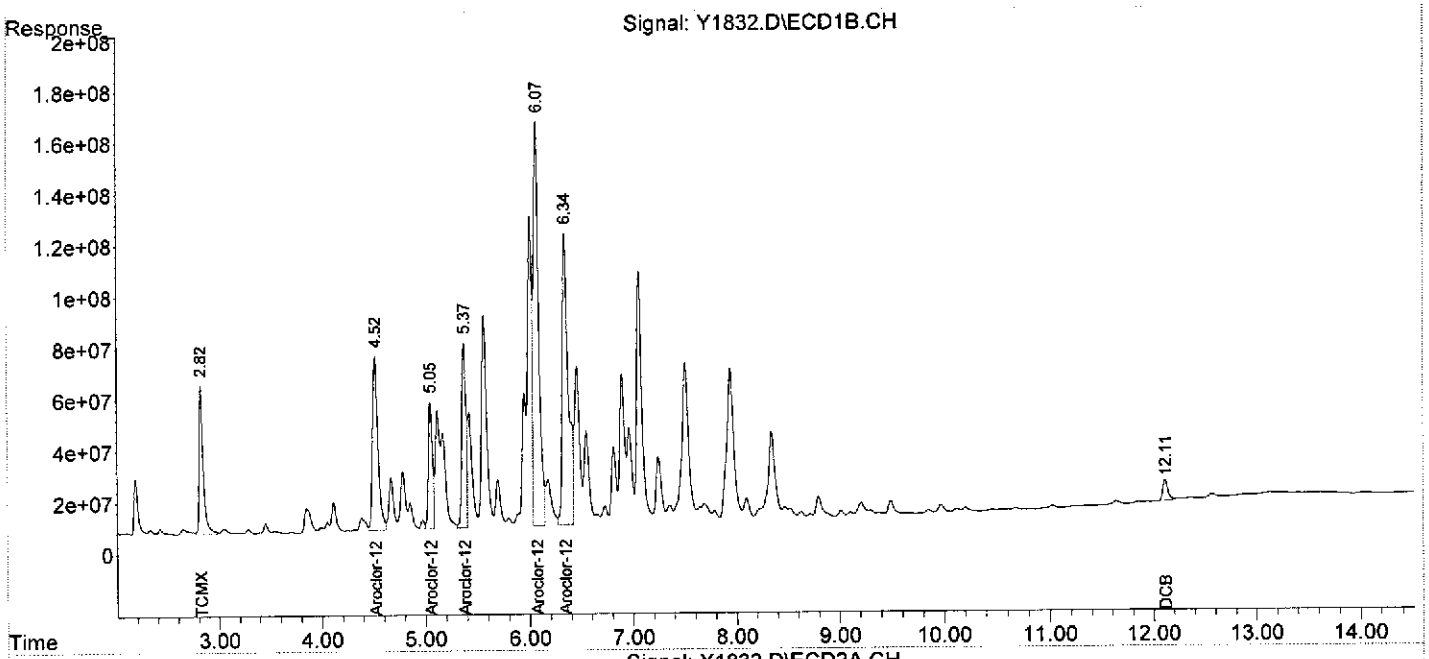
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

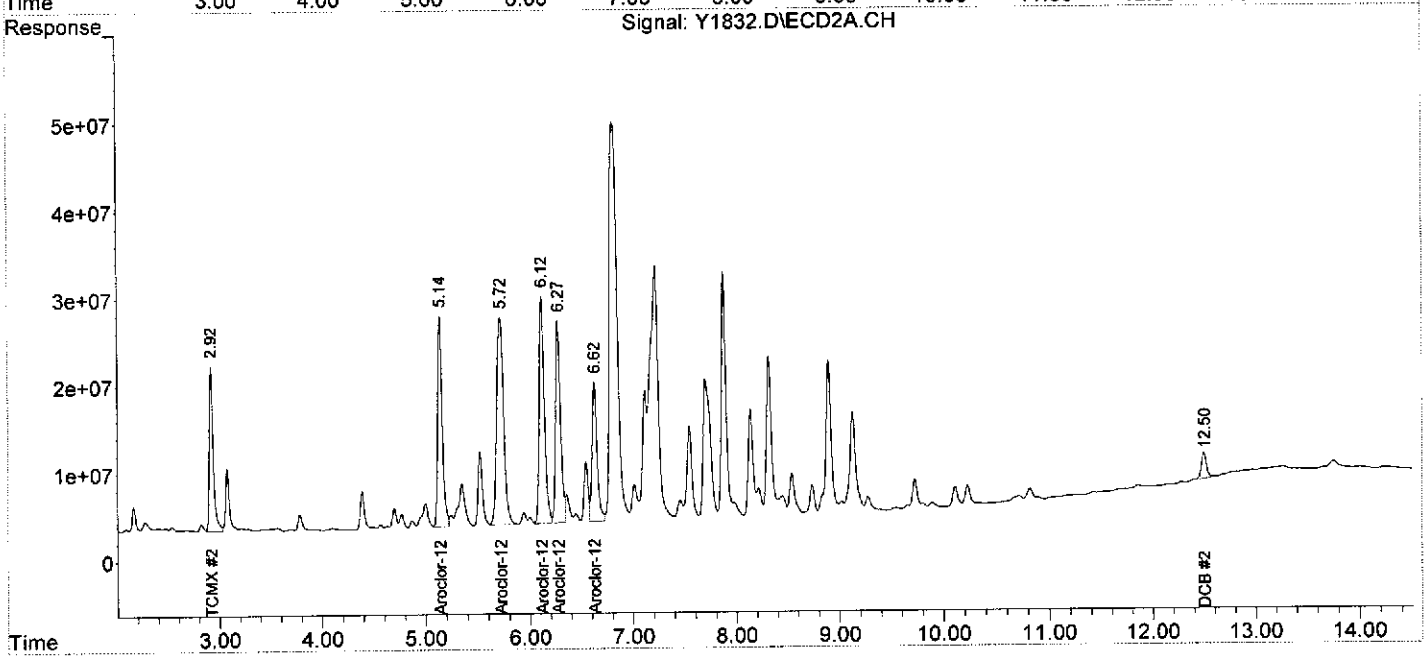
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1832.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:08
Operator : YG
Sample : M-13_(0-2.,09199-005,S,5.19g,13.6,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,10
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:54:25 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1787.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 16:27
Operator : IB
Sample : M-13_(2.0-,09199-006,S,5.19g,24.9,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:31:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	18867.6E6	5674.3E6	193.613	212.897
Spiked Amount 200.000			Recovery	=	96.81%	106.45%
2) S DCB	12.11	12.48	3923.5E6	1441.9E6	192.956m	166.509m
Spiked Amount 200.000			Recovery	=	96.48%	83.25%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	176.1E6	47210967	48.088	45.428
24) L6 Aroclor-1248 {2}	5.05	5.71	59407696	68545519	29.629	44.711m#
25) L6 Aroclor-1248 {3}	5.37	6.11	107.9E6	54880533	43.248	50.566
26) L6 Aroclor-1248 {4}	6.07	6.26	89112813	27730433	19.696	28.174 #
27) L6 Aroclor-1248 {5}	0.00	6.61	0	15172947	N.D. d	28.310 #
Sum Aroclor-1248			432.5E6	213.5E6	140.661	197.189
Average Aroclor-1248					35.165	39.438
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

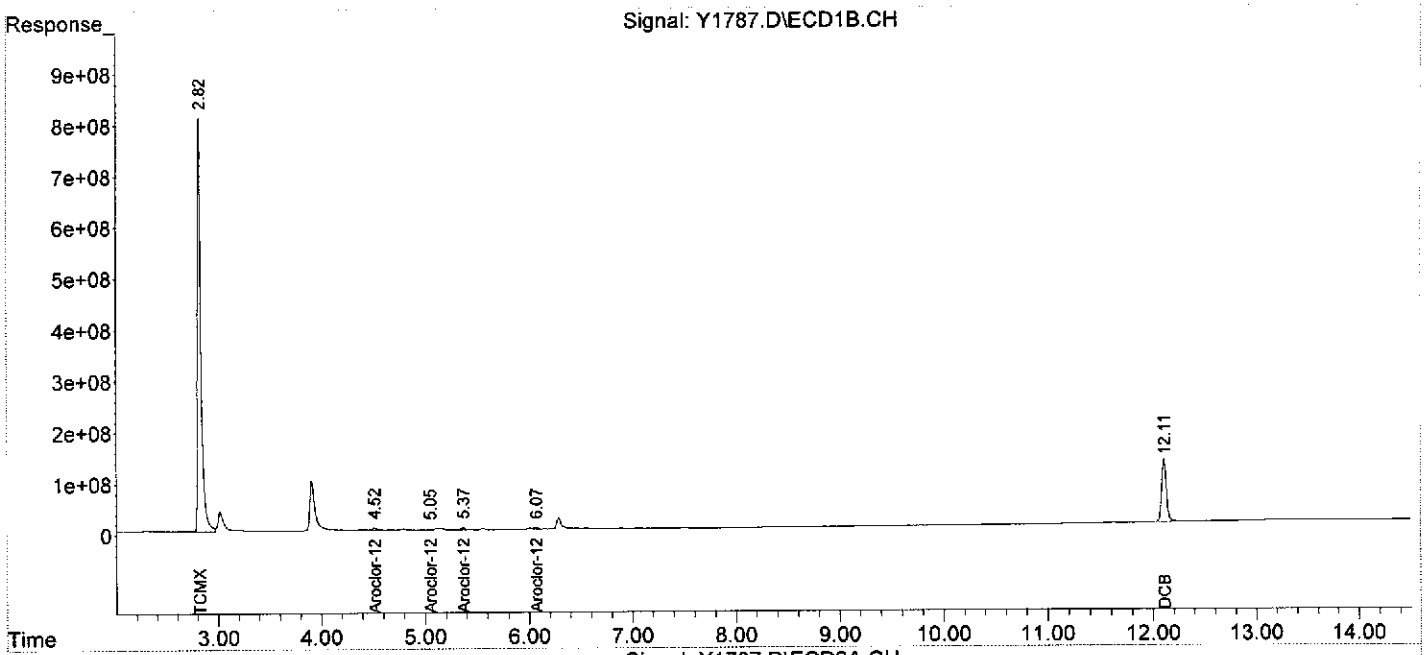
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

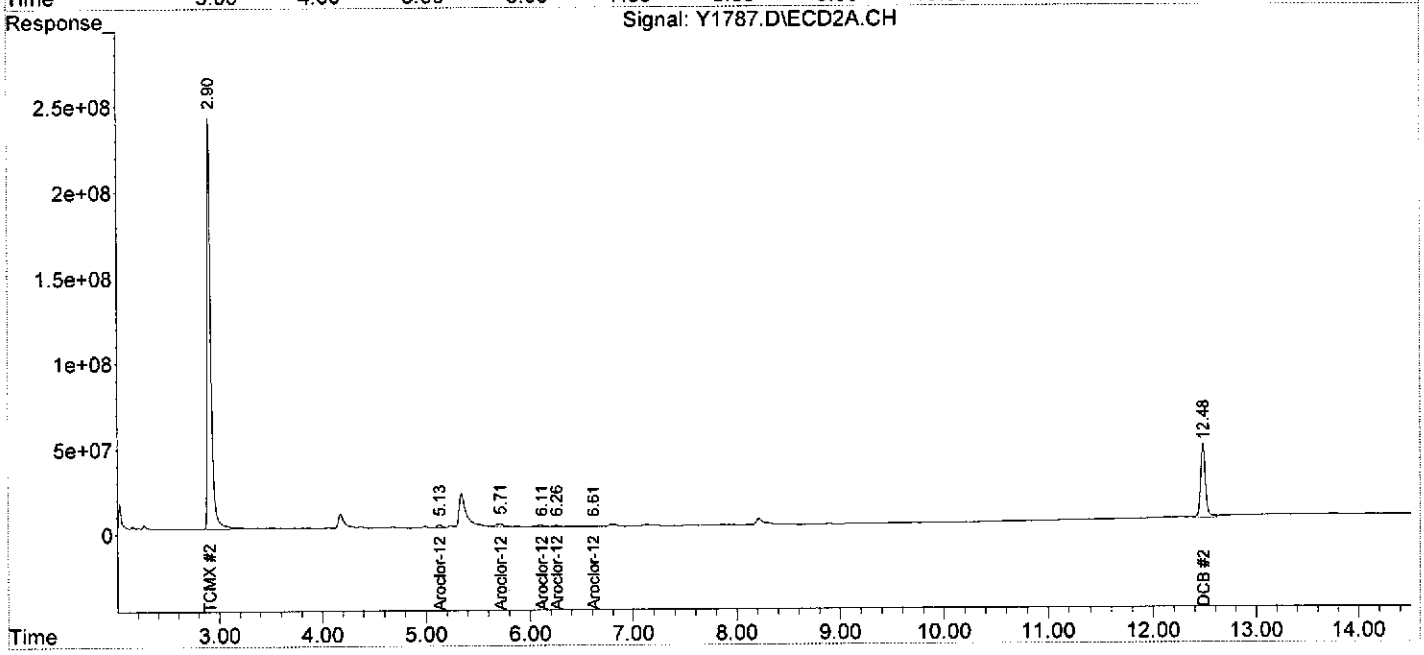
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1787.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 16:27
Operator : IB
Sample : M-13_(2.0-,09199-006,S,5.19g,24.9,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:31:44 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1833.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:25
Operator : YG
Sample : M-13_(4.0-,09199-007,S,5.26g,65.5,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:55:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	23998.0E6	6840.9E6	246.260	256.667
Spiked Amount 200.000			Recovery	=	123.13%	128.33%
2) S DCB	12.11	12.49	4461.2E6	1688.7E6	219.399	195.005
Spiked Amount 200.000			Recovery	=	109.70%	97.50%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

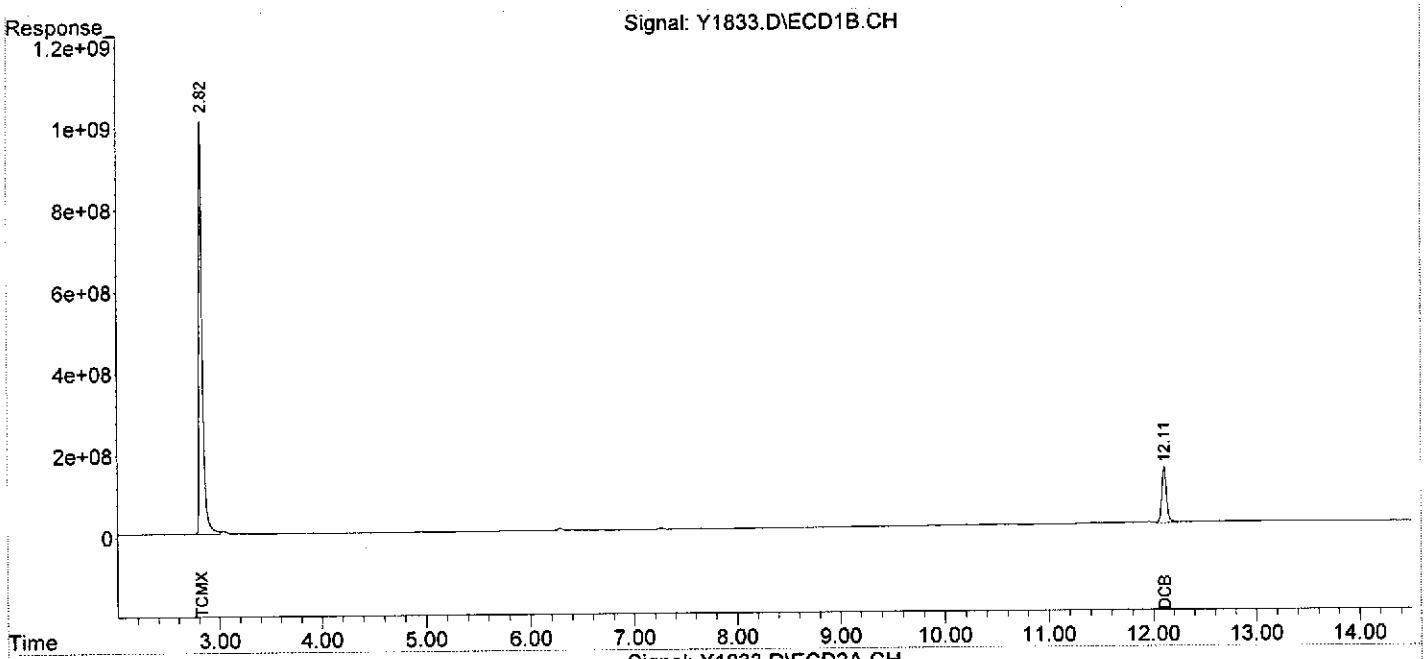
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

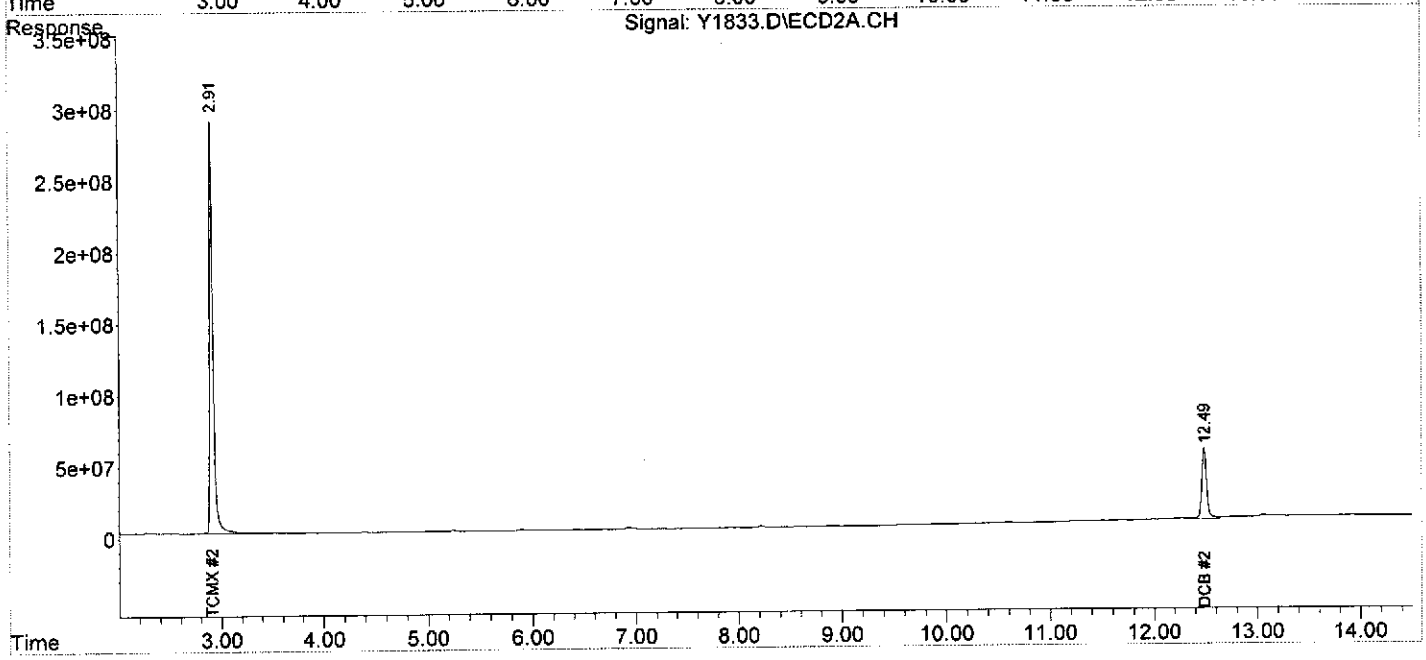
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1833.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:25
Operator : YG
Sample : M-13_(4.0-,09199-007,S,5.26g,65.5,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:55:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1789.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:01
Operator : IB
Sample : M-13_(5.25,09199-008,S,5.60g,17.9,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:32:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.90	21794.5E6	5829.5E6	223.648	218.719
Spiked Amount 200.000			Recovery	=	111.82%	109.36%
2) S DCB	12.10	12.48	4326.4E6	1525.7E6	212.769	176.180
Spiked Amount 200.000			Recovery	=	106.38%	88.09%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

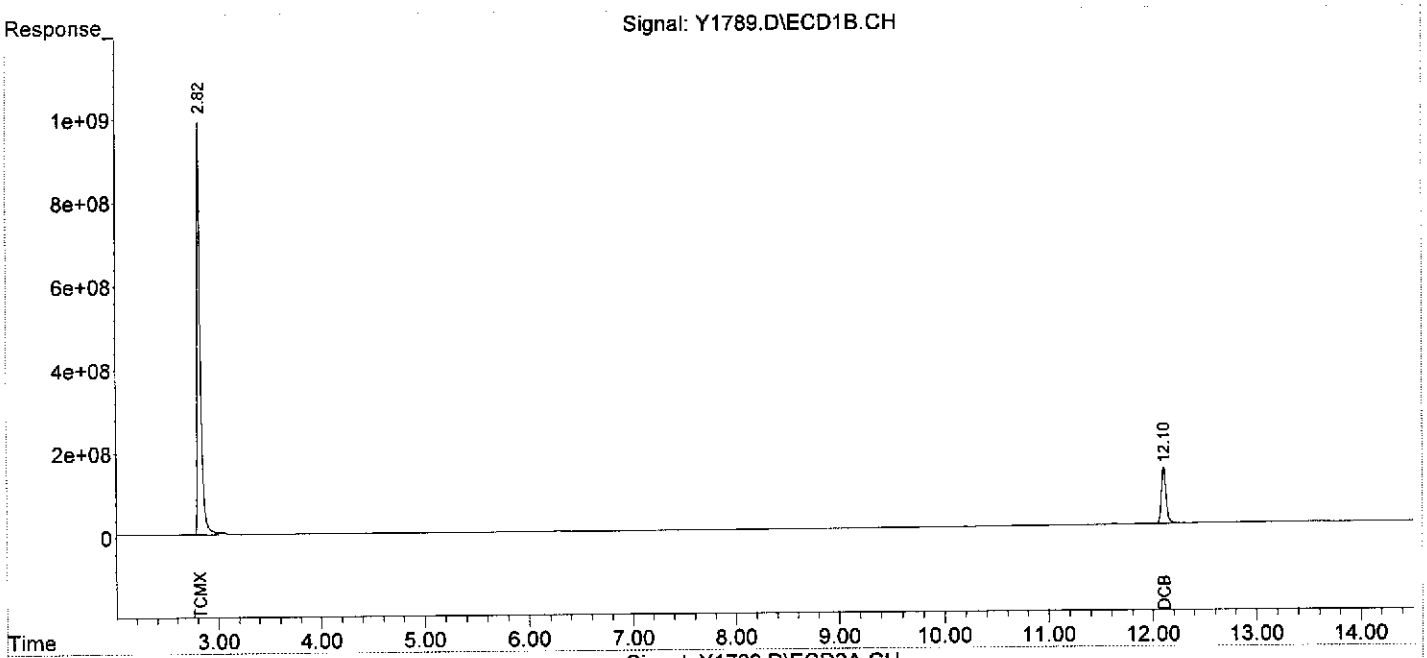
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

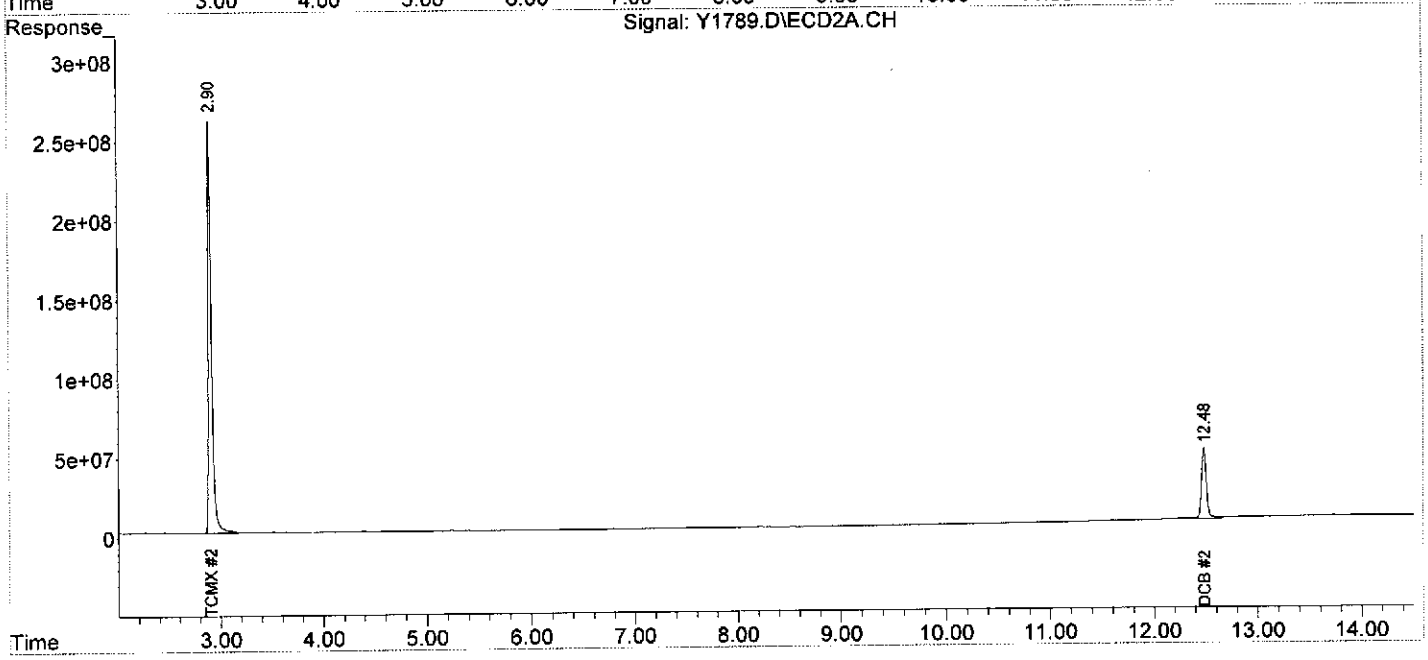
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1789.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:01
Operator : IB
Sample : M-13_(5.25,09199-008,S,5.60g,17.9,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:32:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1834.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:42
Operator : YG
Sample : M-14_(0-2.,09199-009,S,5.27g,30.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,10
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 10:08:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	1990.4E6	601.3E6	20.425	22.560
Spiked Amount 200.000			Recovery =		10.21%	11.28%
2) S DCB	12.11	12.49	366.6E6	140.4E6	18.028m	16.213m
Spiked Amount 200.000			Recovery =		9.01%	8.11%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	1076.1E6	317.4E6	293.887	305.396
24) L6 Aroclor-1248 {2}	5.05	5.71	712.8E6	630.6E6	355.512	411.302
25) L6 Aroclor-1248 {3}	5.37	6.11	882.6E6	440.1E6	353.678	405.480
26) L6 Aroclor-1248 {4}	6.07	6.26	3197.6E6	337.4E6	706.743	342.794 #
27) L6 Aroclor-1248 {5}	6.34	6.62	1993.2E6	259.7E6	635.306	484.534
Sum Aroclor-1248			7862.3E6	1985.1E6	2345.127	1949.506
Average Aroclor-1248					469.025	389.901
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

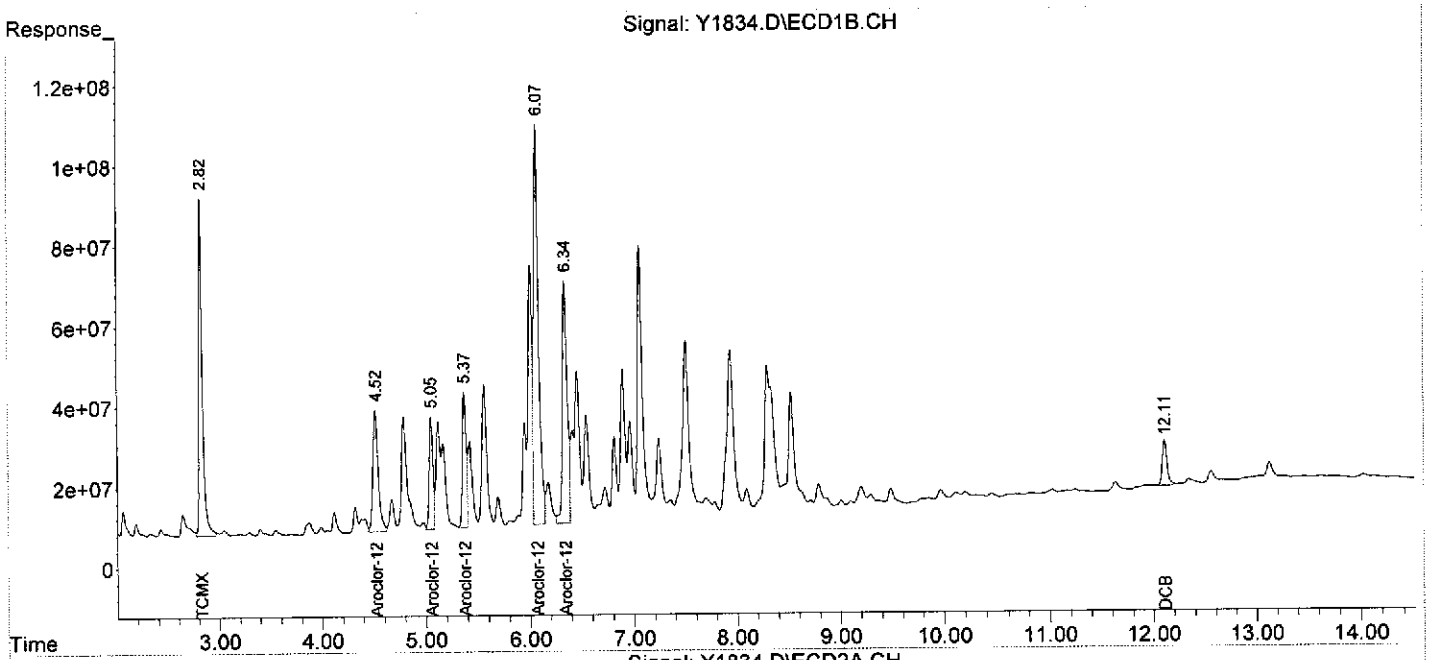
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

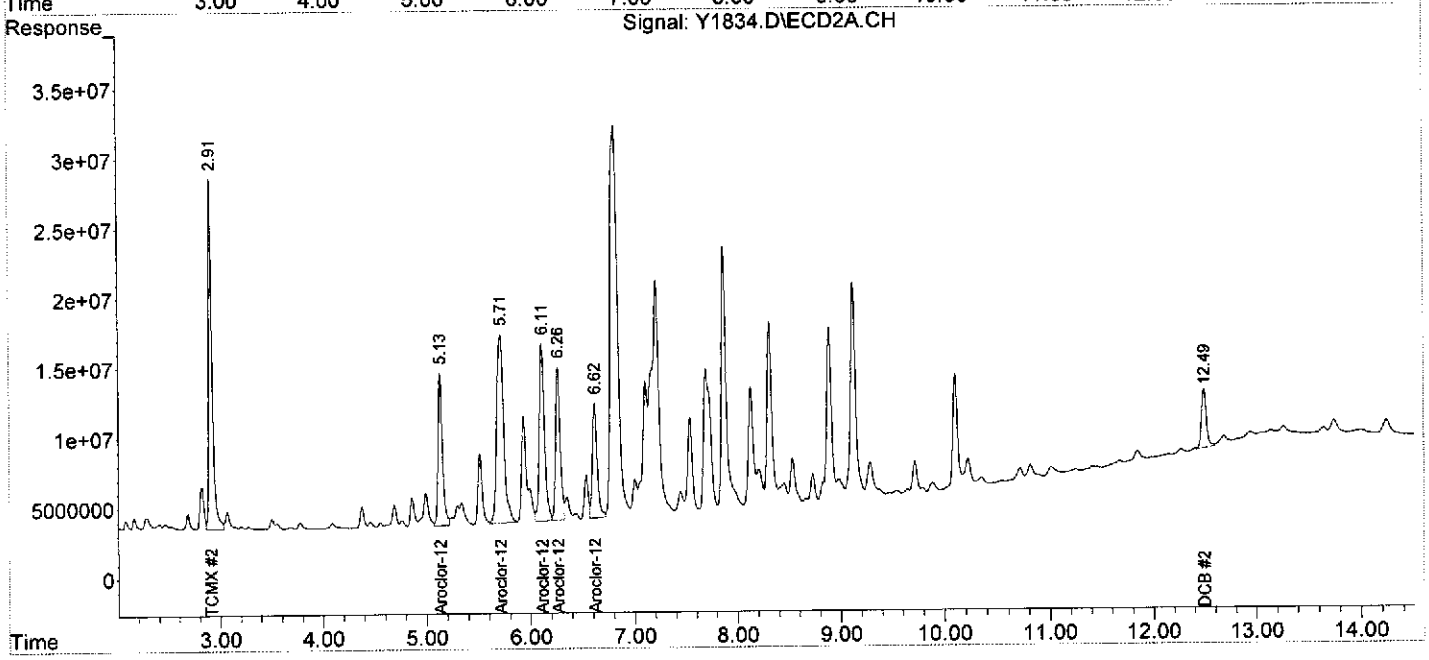
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1834.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:42
Operator : YG
Sample : M-14_(0-2.,09199-009,S,5.27g,30.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,10
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 10:08:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1791.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:36
Operator : IB
Sample : M-14_(2.0-,09199-010,S,5.72g,28.7,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:33:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	17822.9E6	5675.8E6	182.892	212.952
Spiked Amount 200.000			Recovery	=	91.45%	106.48%
2) S DCB	12.11	12.48	3723.8E6	1505.4E6	183.135m	173.834m
Spiked Amount 200.000			Recovery	=	91.57%	86.92%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	3828.6E6	1054.0E6	1045.594	1014.219
24) L6 Aroclor-1248 {2}	5.05	5.71	1378.4E6	1472.7E6	687.465	960.653 #
25) L6 Aroclor-1248 {3}	5.37	6.11	1123.1E6	582.8E6	450.071	537.013
26) L6 Aroclor-1248 {4}	6.07	6.26	1579.9E6	423.3E6	349.194	430.075
27) L6 Aroclor-1248 {5}	6.34	6.62	855.1E6	156.5E6	272.545	291.963
Sum Aroclor-1248			8765.1E6	3689.4E6	2804.869	3233.923
Average Aroclor-1248					560.974	646.785
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

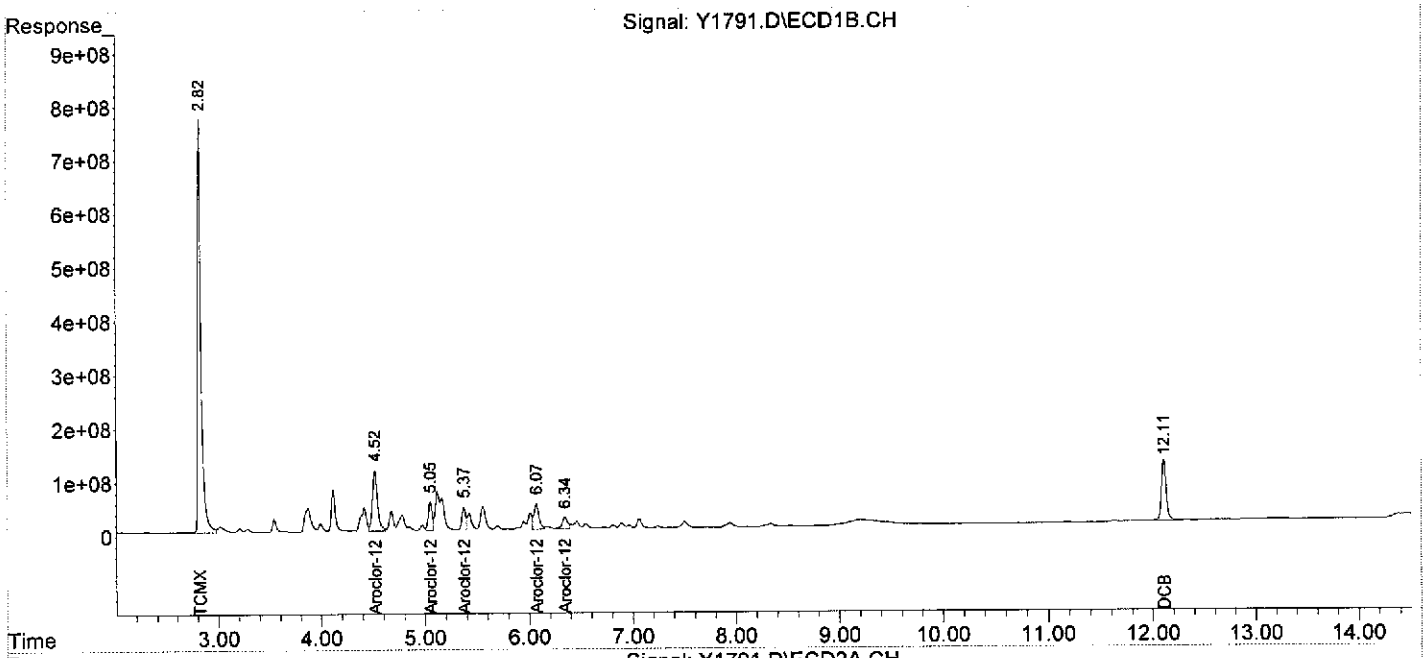
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

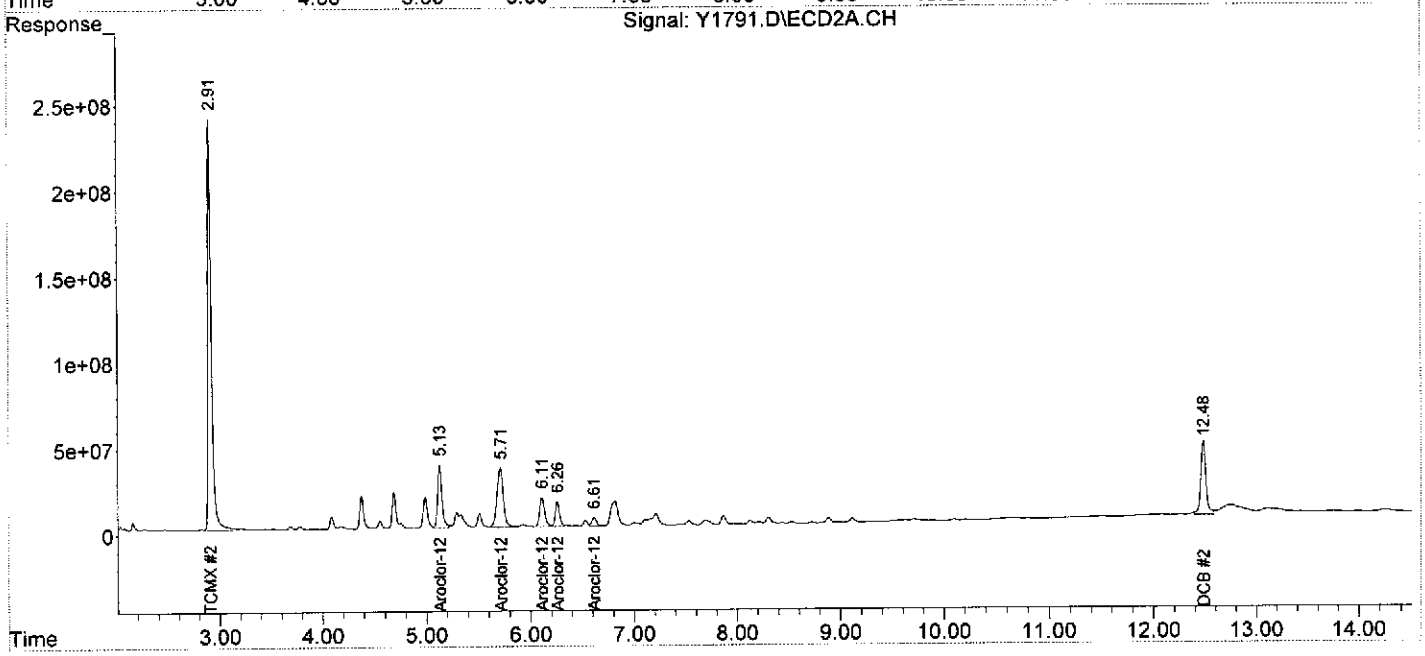
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1791.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:36
Operator : IB
Sample : M-14_(2.0-,09199-010,S,5.72g,28.7,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:33:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1835.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 15:00
Operator : YG
Sample : M-14_(4.0-,09199-011,S,5.20g,64.2,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:58:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	24929.1E6	7067.0E6	255.814	265.149
Spiked Amount 200.000			Recovery	=	127.91%	132.57%
2) S DCB	12.11	12.49	4764.6E6	1688.8E6	234.319	195.021
Spiked Amount 200.000			Recovery	=	117.16%	97.51%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

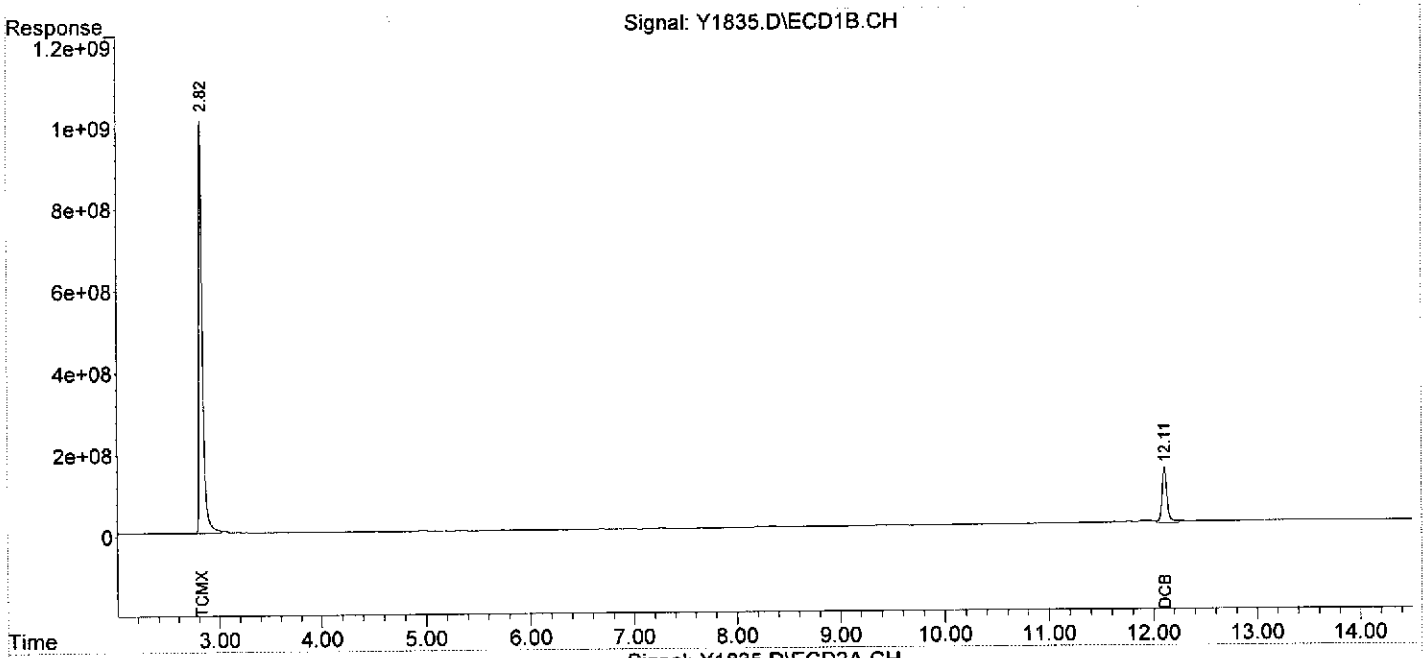
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

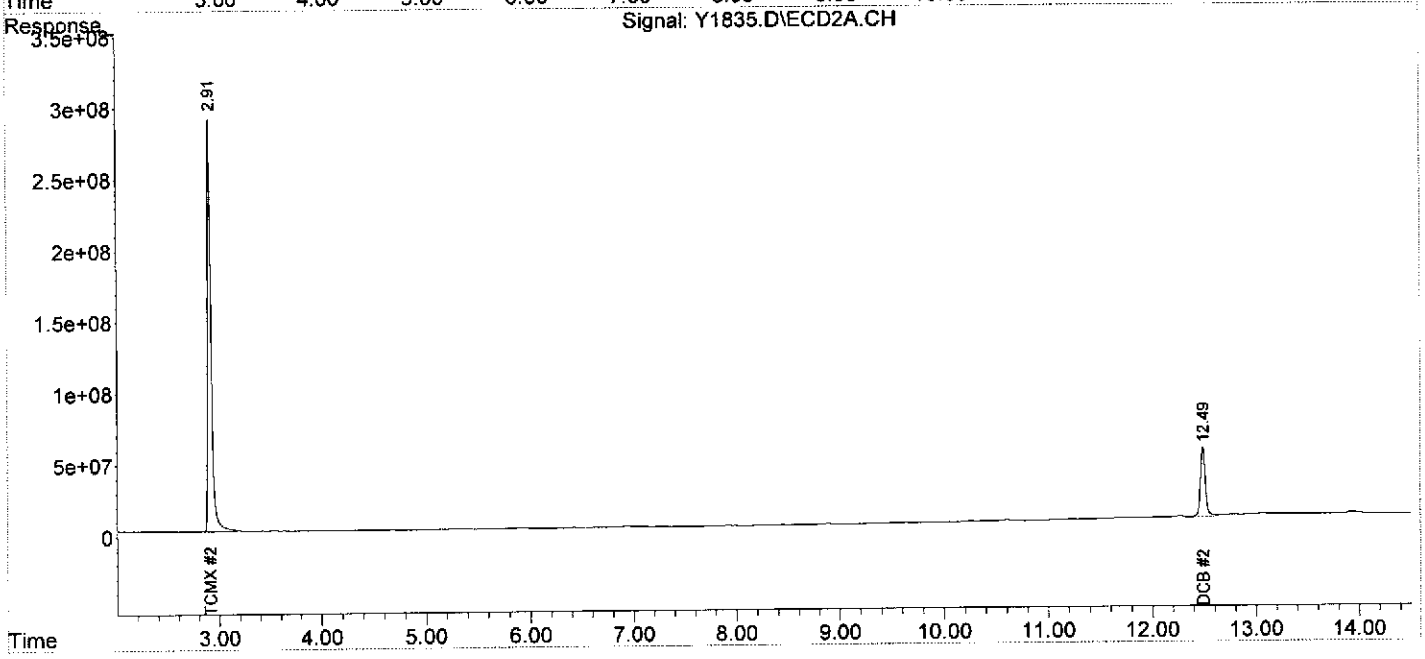
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1835.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 15:00
Operator : YG
Sample : M-14_(4.0-,09199-011,S,5.20g,64.2,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 09:58:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1793.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:10
Operator : IB
Sample : M-14_(5.25,09199-012,S,5.13g,20.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:34:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21225.7E6	5821.2E6	217.811	218.409
Spiked Amount 200.000			Recovery	=	108.91%	109.20%
2) S DCB	12.11	12.49	4053.7E6	1409.2E6	199.358m	162.729m
Spiked Amount 200.000			Recovery	=	99.68%	81.36%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

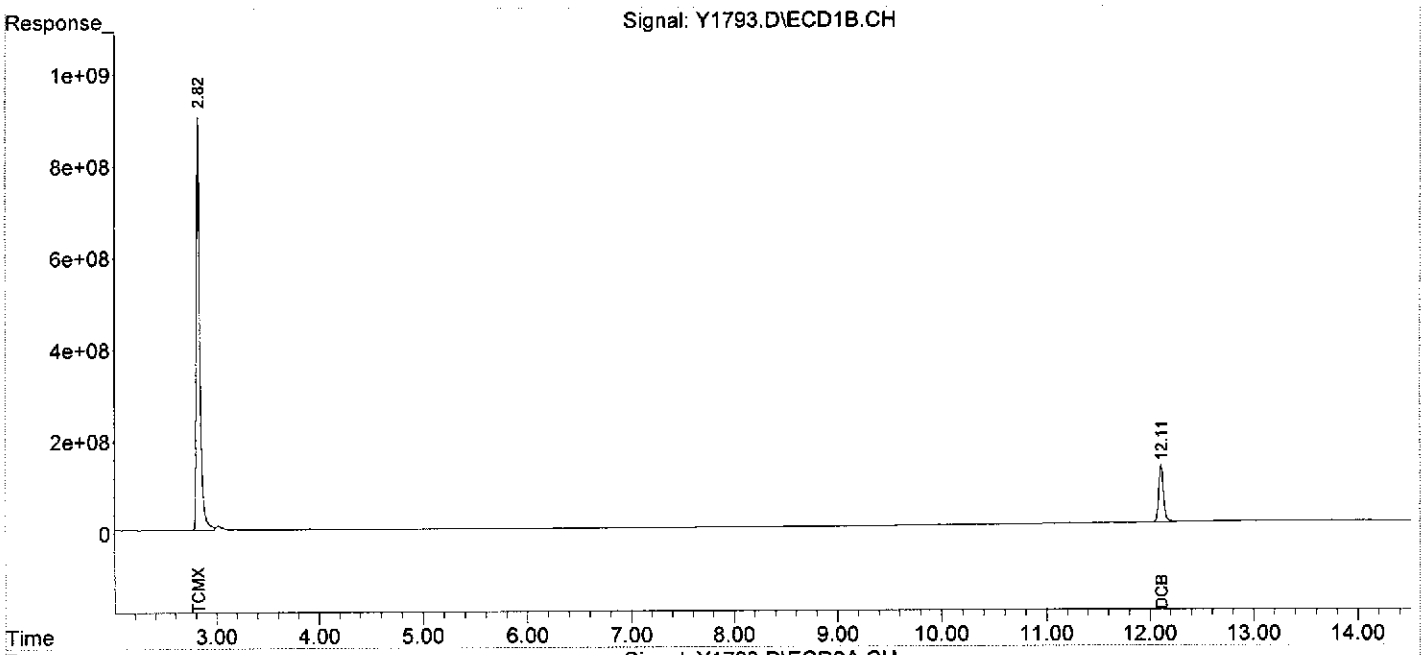
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

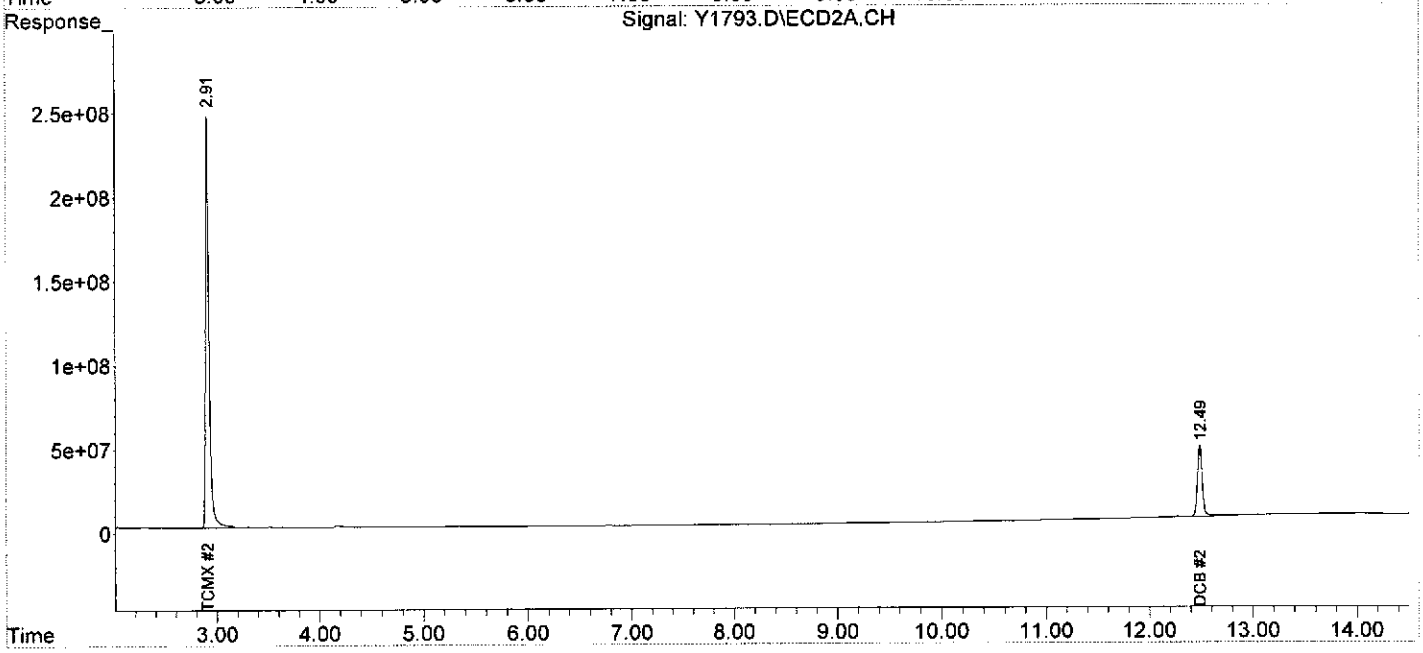
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1793.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:10
Operator : IB
Sample : M-14_(5.25,09199-012,S,5.13g,20.3,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:34:24 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1836.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 15:17
Operator : YG
Sample : M-15_(0-2.,09199-013,S,5.70g,15.6,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,10
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 10:09:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	876.9E6	538.5E6	8.998	20.205 #
Spiked Amount 200.000			Recovery	=	4.50%	10.10%
2) S DCB	12.11	12.50	334.6E6	229.3E6	16.458m	26.483m#
Spiked Amount 200.000			Recovery	=	8.23%	13.24%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	1321.2E6	382.8E6	360.804	368.343
24) L6 Aroclor-1248 {2}	5.05	5.71	728.1E6	658.9E6	363.112	429.769
25) L6 Aroclor-1248 {3}	5.37	6.11	1064.2E6	596.0E6	426.470	549.179 #
26) L6 Aroclor-1248 {4}	6.07	6.27	2770.9E6	387.0E6	612.427	393.220 #
27) L6 Aroclor-1248 {5}	6.34	6.62	2018.3E6	291.0E6	643.315	542.973
Sum Aroclor-1248			7902.6E6	2315.7E6	2406.128	2283.484
Average Aroclor-1248					481.226	456.697
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

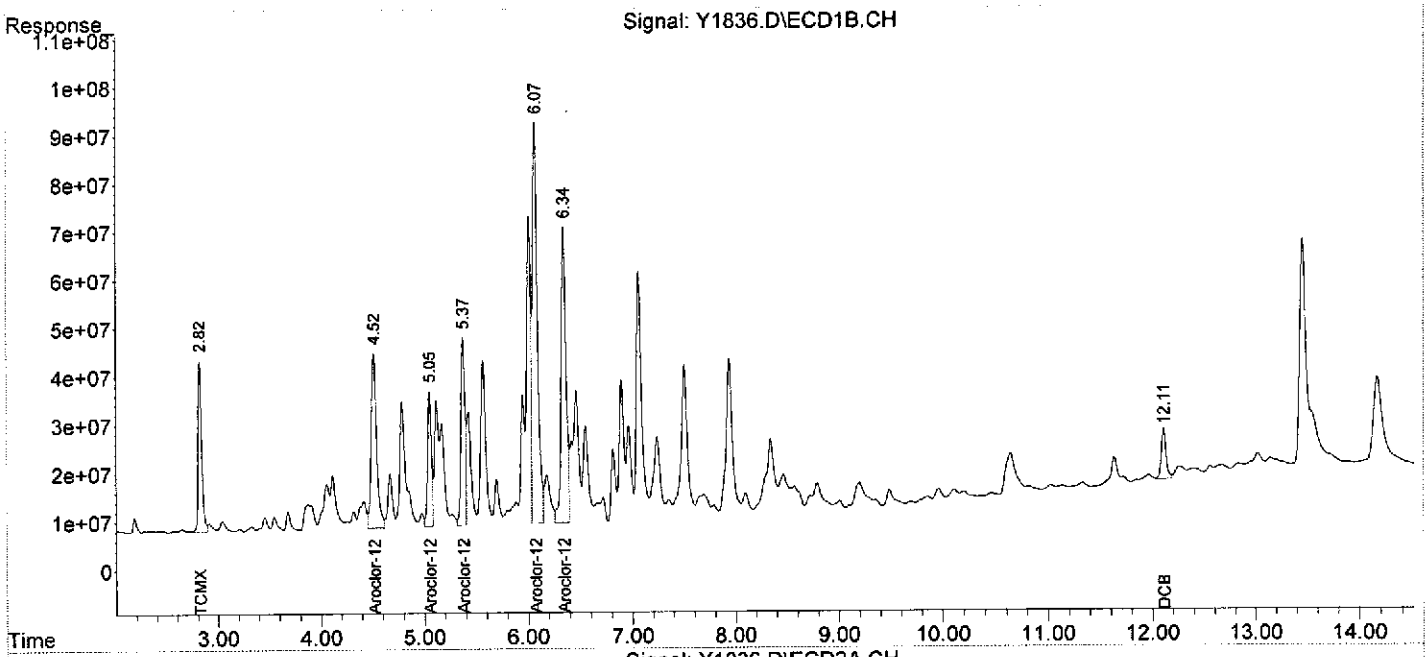
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

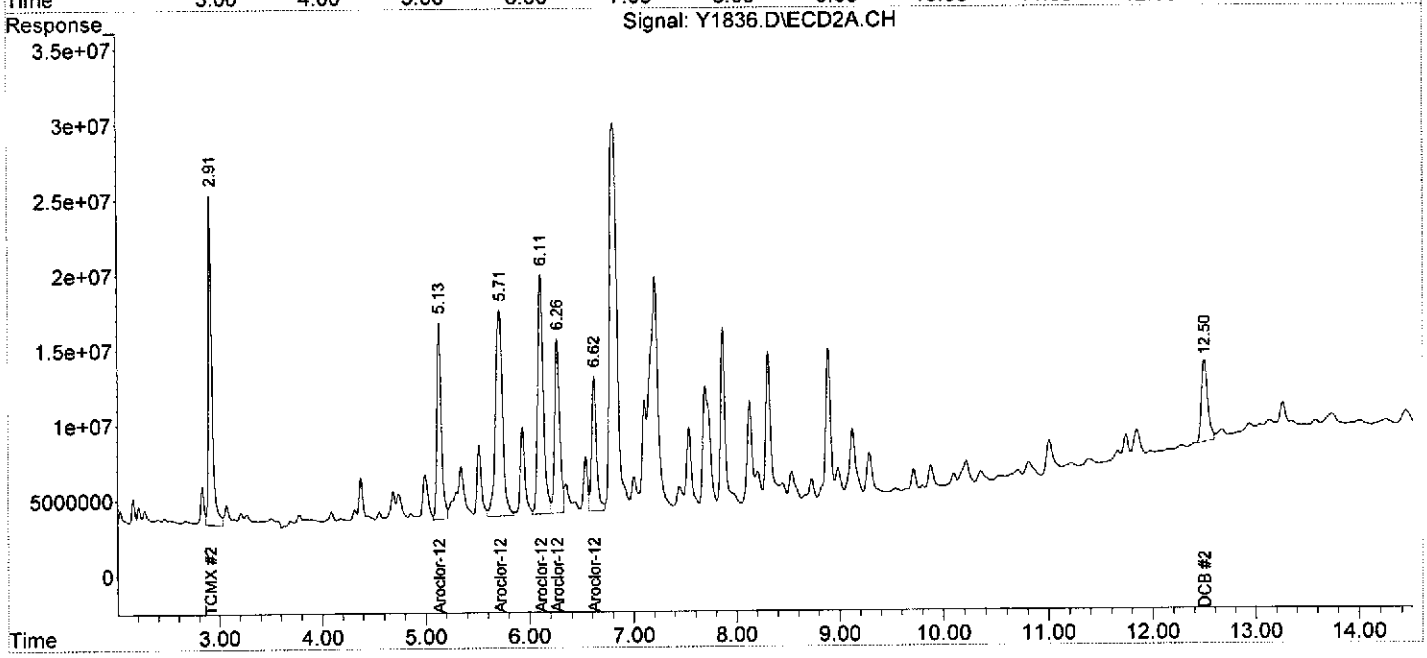
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1836.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 15:17
Operator : YG
Sample : M-15_(0-2.,09199-013,S,5.70g,15.6,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,10
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 10:09:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1795.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:44 (#1); 17 Sep 2012 18:45 (#2)
Operator : IB
Sample : M-15_(2.0-,09199-014,S,5.99g,11.4,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:37:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	20680.9E6	5867.1E6	212.221	220.131
Spiked Amount 200.000			Recovery	=	106.11%	110.07%
2) S DCB	12.11	12.48	3895.1E6	1463.8E6	191.559m	169.030m
Spiked Amount 200.000			Recovery	=	95.78%	84.52%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	160.3E6	53391542	43.778	51.376
24) L6 Aroclor-1248 {2}	5.05	5.72	35469131	87438002	17.690	57.035 #
25) L6 Aroclor-1248 {3}	5.37	6.12	12161202	14536756	4.873	13.394m#
26) L6 Aroclor-1248 {4}	6.07	6.26	26433085	13577731	5.842m	13.795m#
27) L6 Aroclor-1248 {5}	6.36	6.62	21580454	3064770	6.879m	5.718m
Sum Aroclor-1248			255.9E6	172.0E6	79.062	141.317
Average Aroclor-1248					15.812	28.263
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

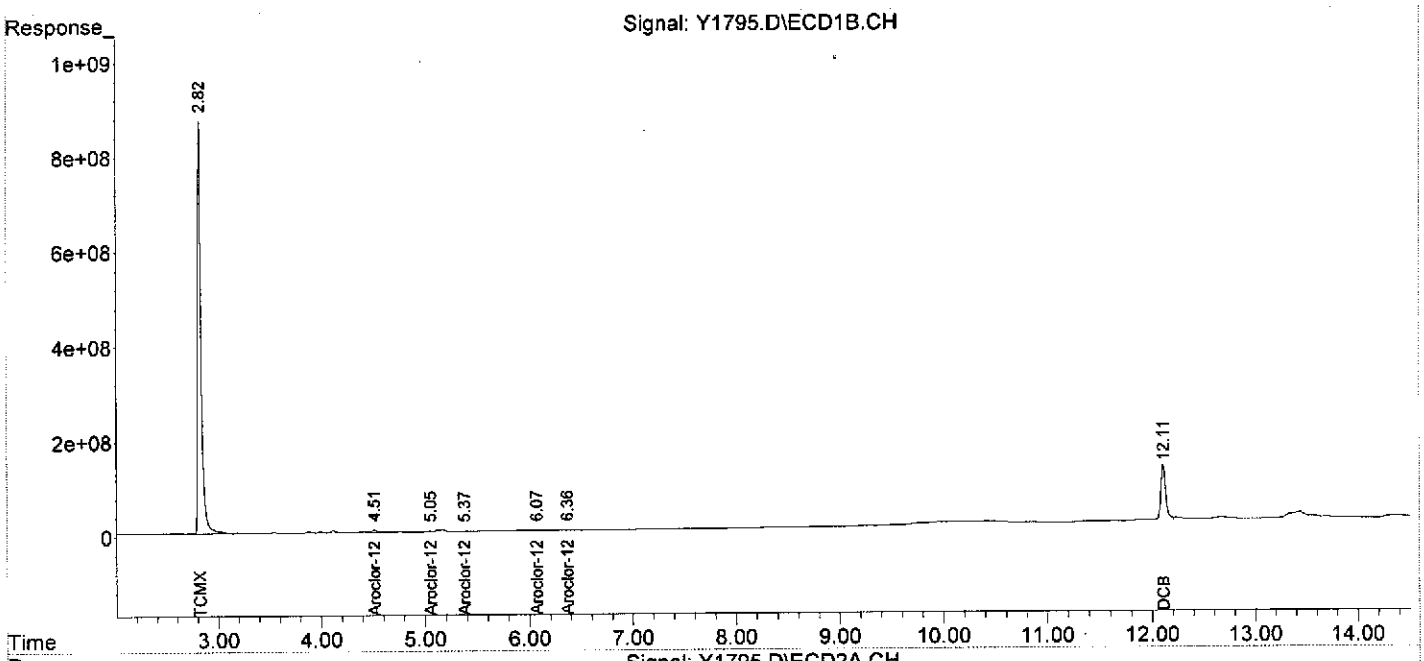
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

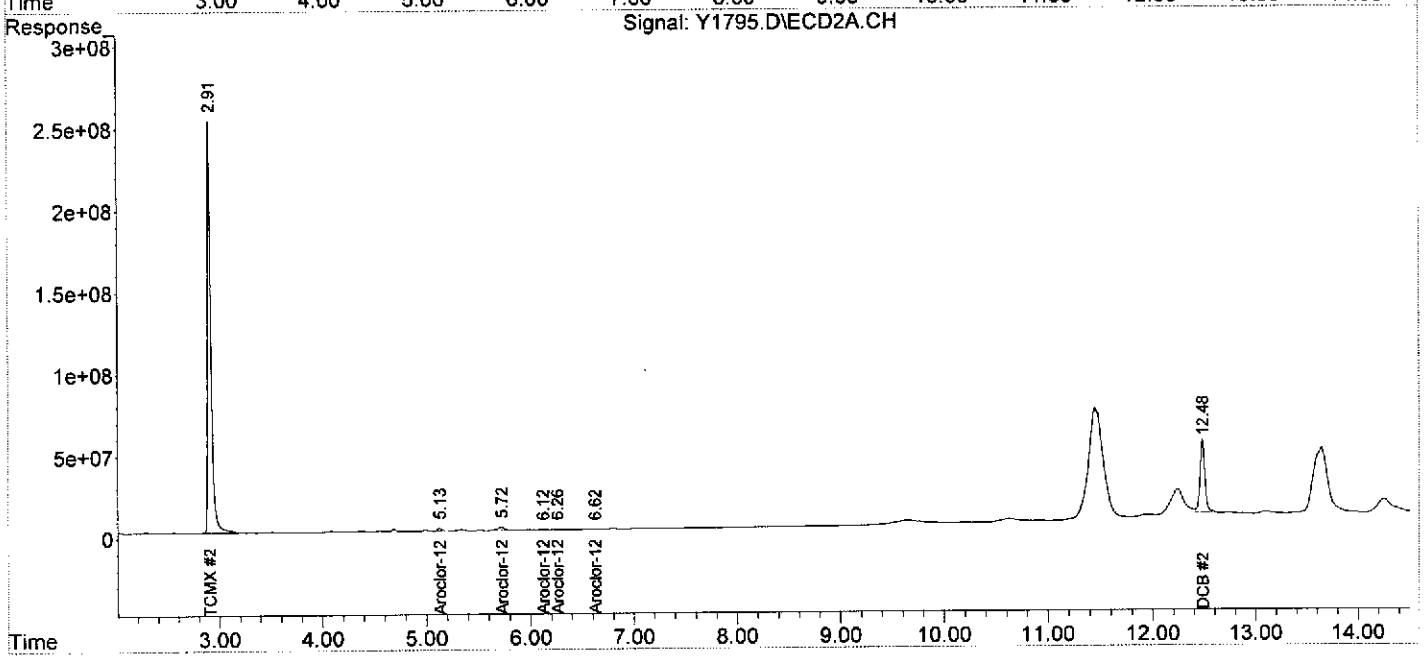
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1795.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:44 (#1); 17 Sep 2012 18:45 (#2)
Operator : IB
Sample : M-15_(2.0-,09199-014,S,5.99g,11.4,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:37:53 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1837.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 15:34
Operator : YG
Sample : M-15_(4.0-,09199-015,S,5.32g,70.6,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 10:09:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	27346.4E6	7905.3E6	280.620	296.604
Spiked Amount 200.000			Recovery	=	140.31%	148.30%
2) S DCB	12.11	12.49	5235.8E6	2168.5E6	257.494	250.408
Spiked Amount 200.000			Recovery	=	128.75%	125.20%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

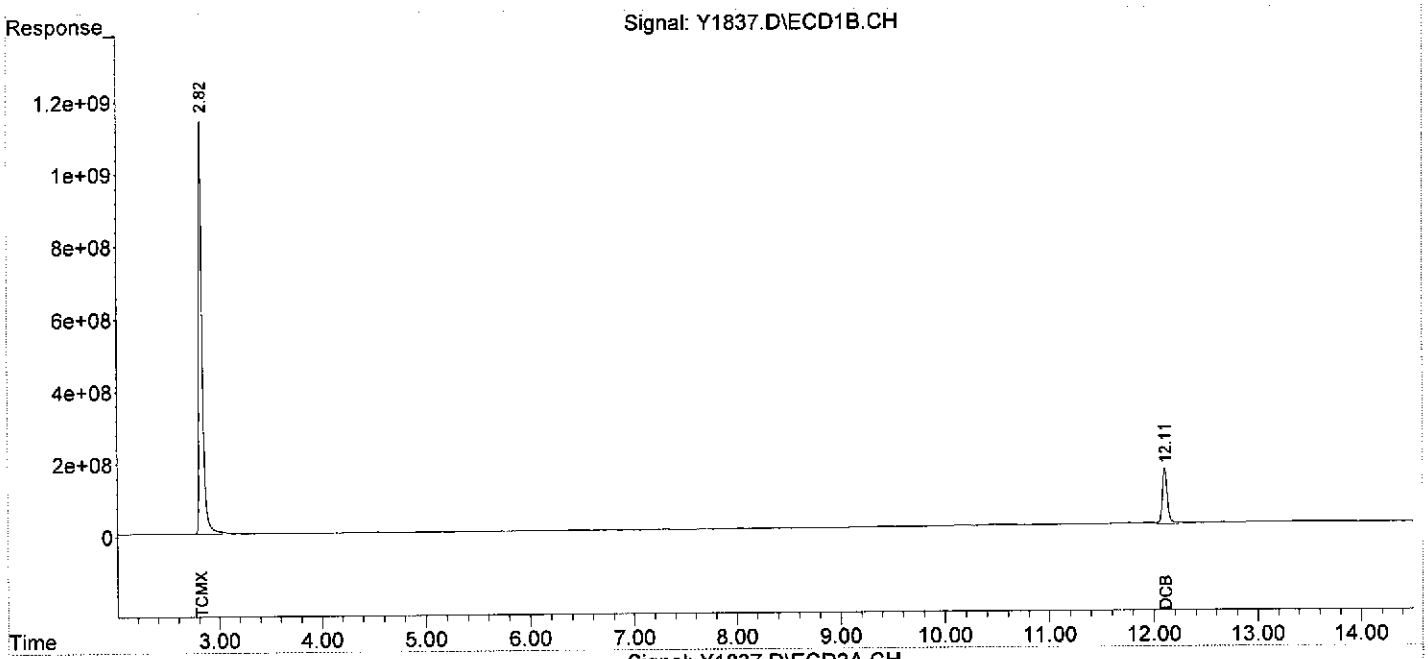
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

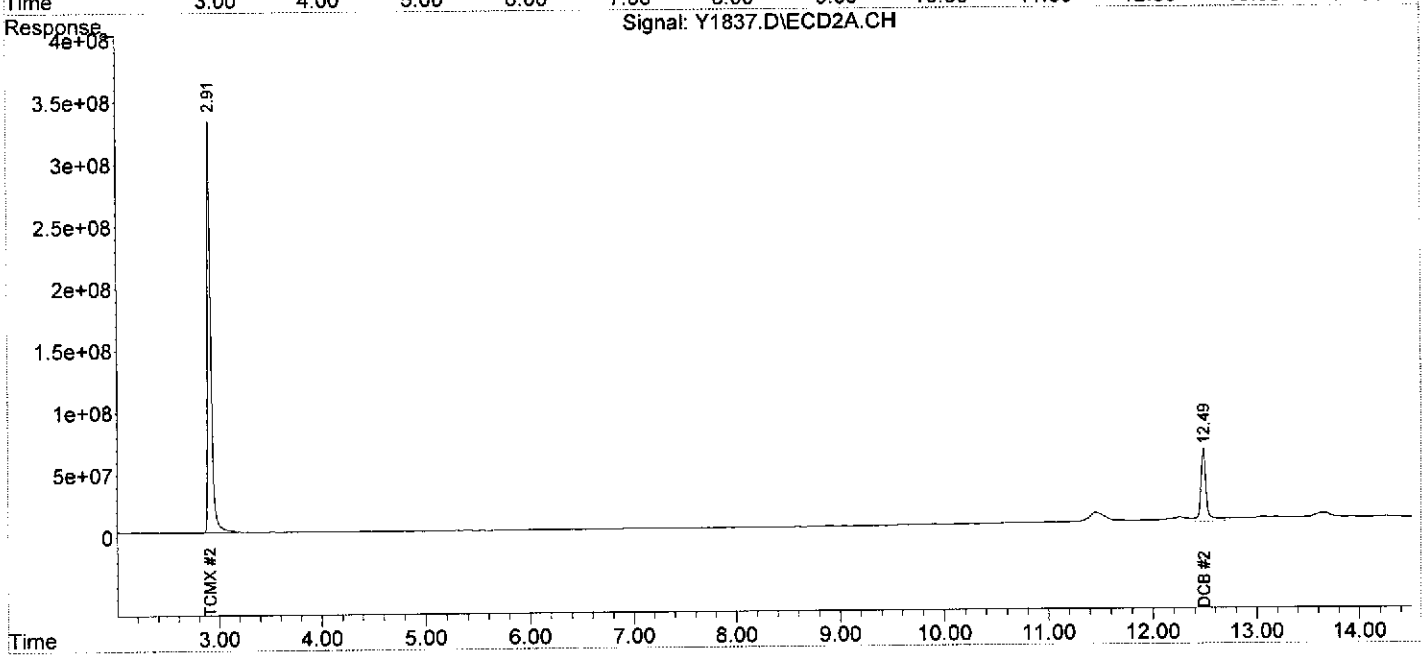
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1837.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 15:34
Operator : YG
Sample : M-15_(4.0-,09199-015,S,5.32g,70.6,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 10:09:46 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1797.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 19:19
Operator : IB
Sample : M-15_(5.0-,09199-016,S,5.80g,20.4,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:39:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21007.8E6	5851.8E6	215.575	219.556
Spiked Amount 200.000			Recovery	=	107.79%	109.78%
2) S DCB	12.11	12.49	4085.3E6	1420.5E6	200.914m	164.038m
Spiked Amount 200.000			Recovery	=	100.46%	82.02%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

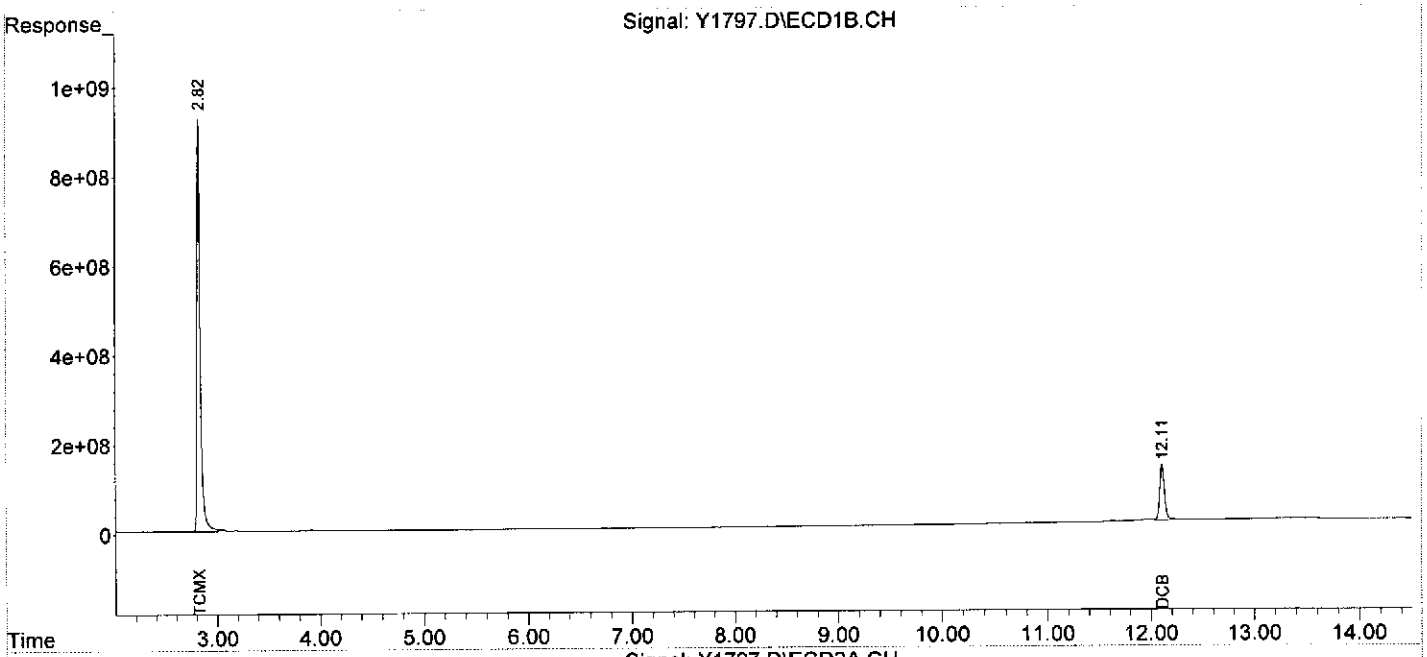
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

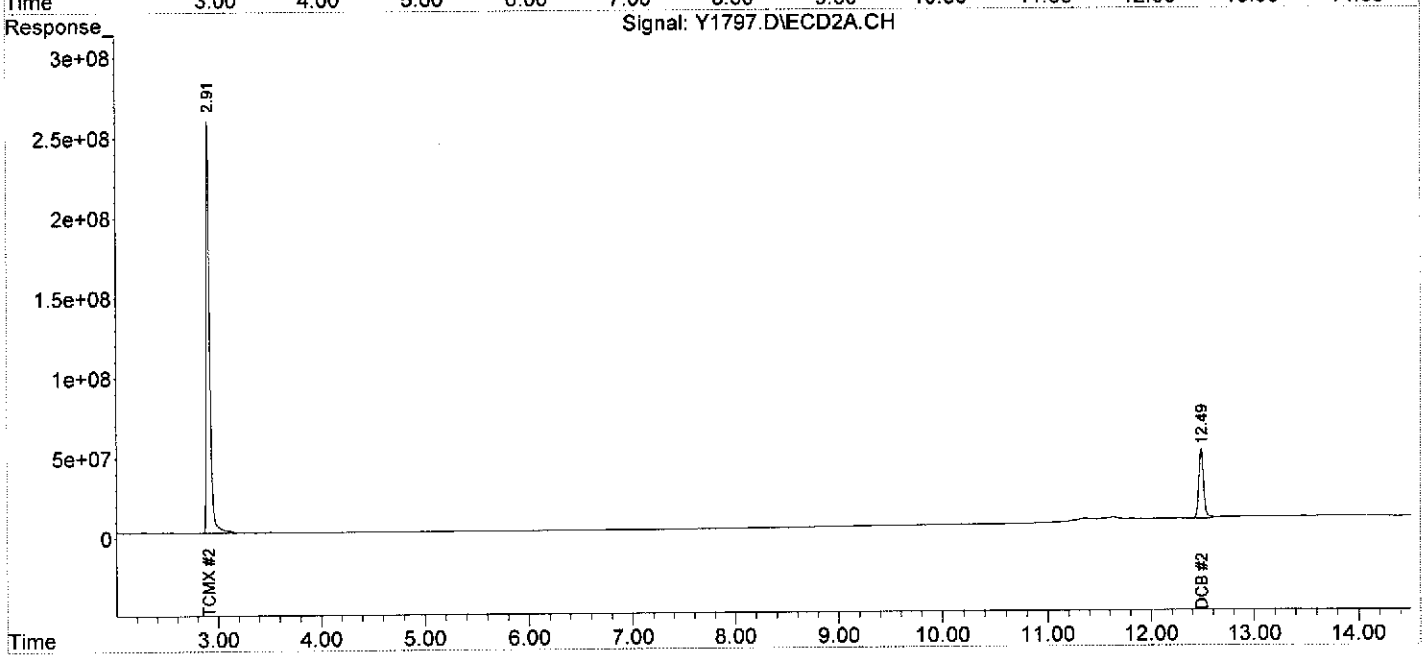
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1797.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 19:19
Operator : IB
Sample : M-15_(5.0-,09199-016,S,5.80g,20.4,09/14/12,4
Misc : 120914-02,09/11/12,09/11/12,1
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:39:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1804.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 21:19
Operator : IB
Sample : N-15_(0-2.,09199-017,S,5.38g,15.1,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:43:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	15764.3E6	6178.5E6	161.768	231.816 #
Spiked Amount 200.000			Recovery	=	80.88%	115.91%
2) S DCB	12.11	12.48	3714.7E6	1376.0E6	182.686m	158.893m
Spiked Amount 200.000			Recovery	=	91.34%	79.45%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	343.5E6	124.9E6	93.803	120.157 #
24) L6 Aroclor-1248 {2}	5.05	5.71	163.9E6	153.7E6	81.758	100.250
25) L6 Aroclor-1248 {3}	5.37	6.11	185.8E6	102.4E6	74.472	94.312 #
26) L6 Aroclor-1248 {4}	6.07	6.26	369.7E6	79460079	81.719	80.732
27) L6 Aroclor-1248 {5}	6.34	6.62	251.6E6	47385038	80.205	88.411
Sum Aroclor-1248			1314.6E6	507.8E6	411.957	483.861
Average Aroclor-1248					82.391	96.772
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

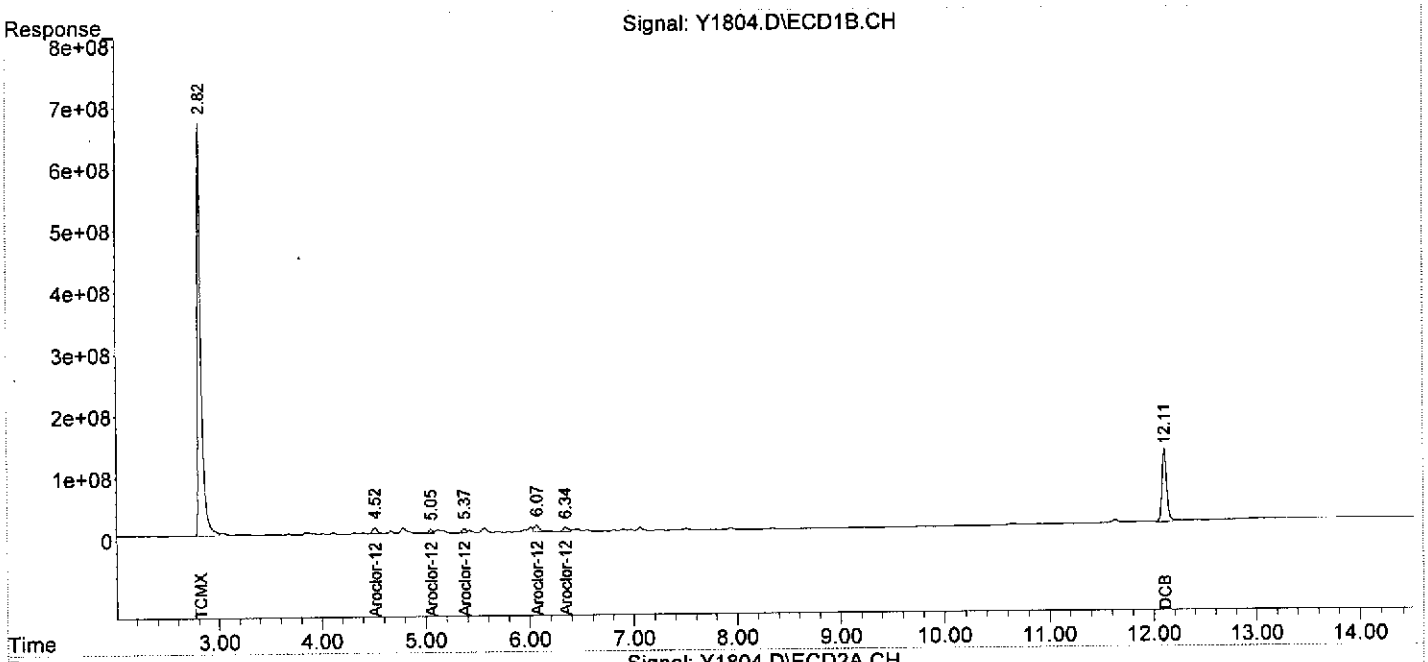
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

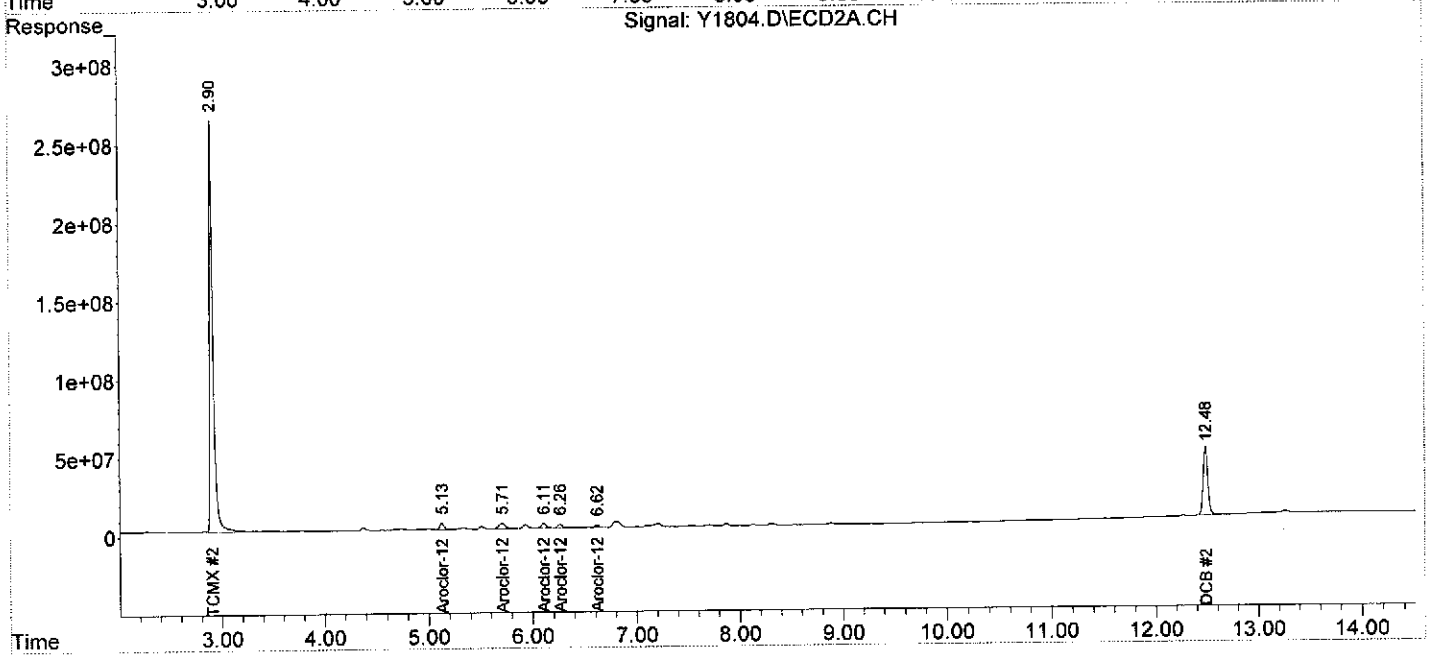
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1804.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 21:19
Operator : IB
Sample : N-15_(0-2.,09199-017,S,5.38g,15.1,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:43:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1805.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 21:36
Operator : IB
Sample : N-15_(2.0-,09199-018,S,5.42g,32.0,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:44:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	12113.9E6	6006.9E6	124.309	225.376 #
Spiked Amount 200.000			Recovery	=	62.15%	112.69%
2) S DCB	12.11	12.48	3808.4E6	1580.1E6	187.293m	182.464m
Spiked Amount 200.000			Recovery	=	93.65%	91.23%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	486.6E6	170.3E6	132.880	163.876
24) L6 Aroclor-1248 {2}	5.05	5.70	850.3E6	626.8E6	424.061	408.830
25) L6 Aroclor-1248 {3}	5.37	6.11	669.6E6	326.0E6	268.354	300.412
26) L6 Aroclor-1248 {4}	6.07	6.26	811.0E6	187.4E6	179.259	190.410
27) L6 Aroclor-1248 {5}	6.34	6.62	424.4E6	76962309	135.267	143.596
Sum Aroclor-1248			3241.9E6	1387.5E6	1139.820	1207.125
Average Aroclor-1248					227.964	241.425
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

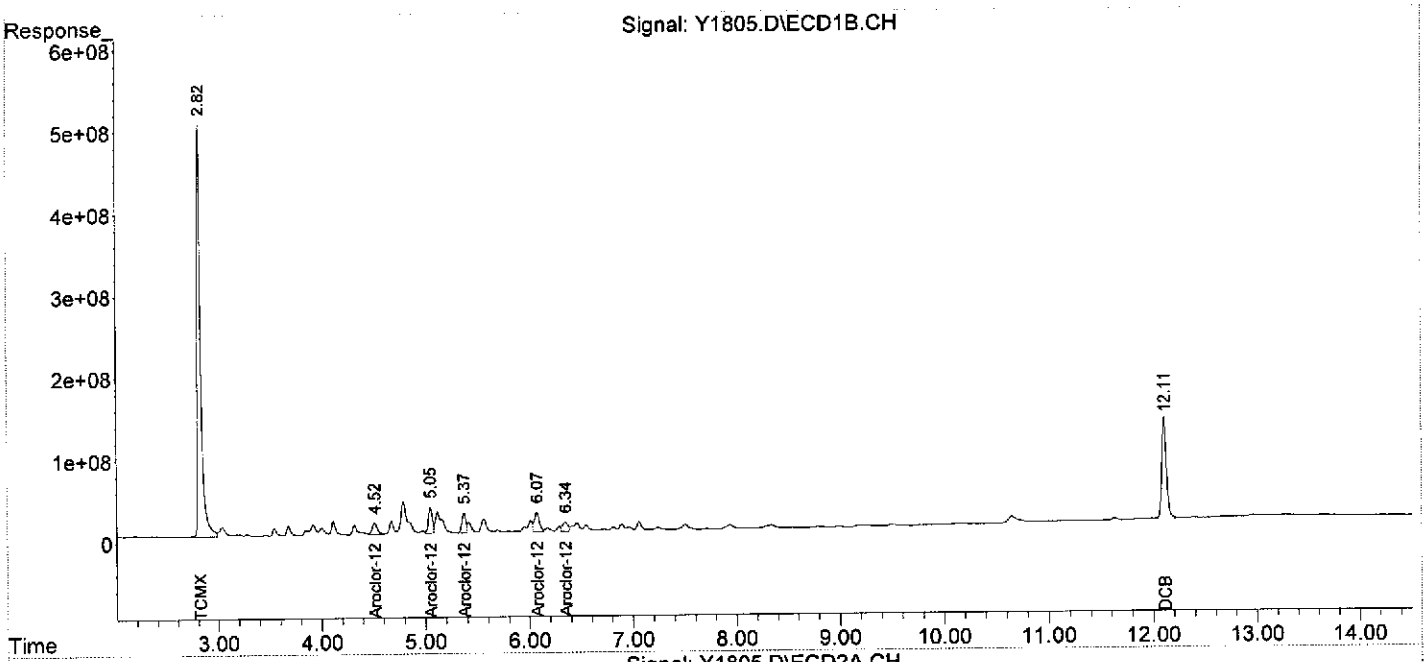
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

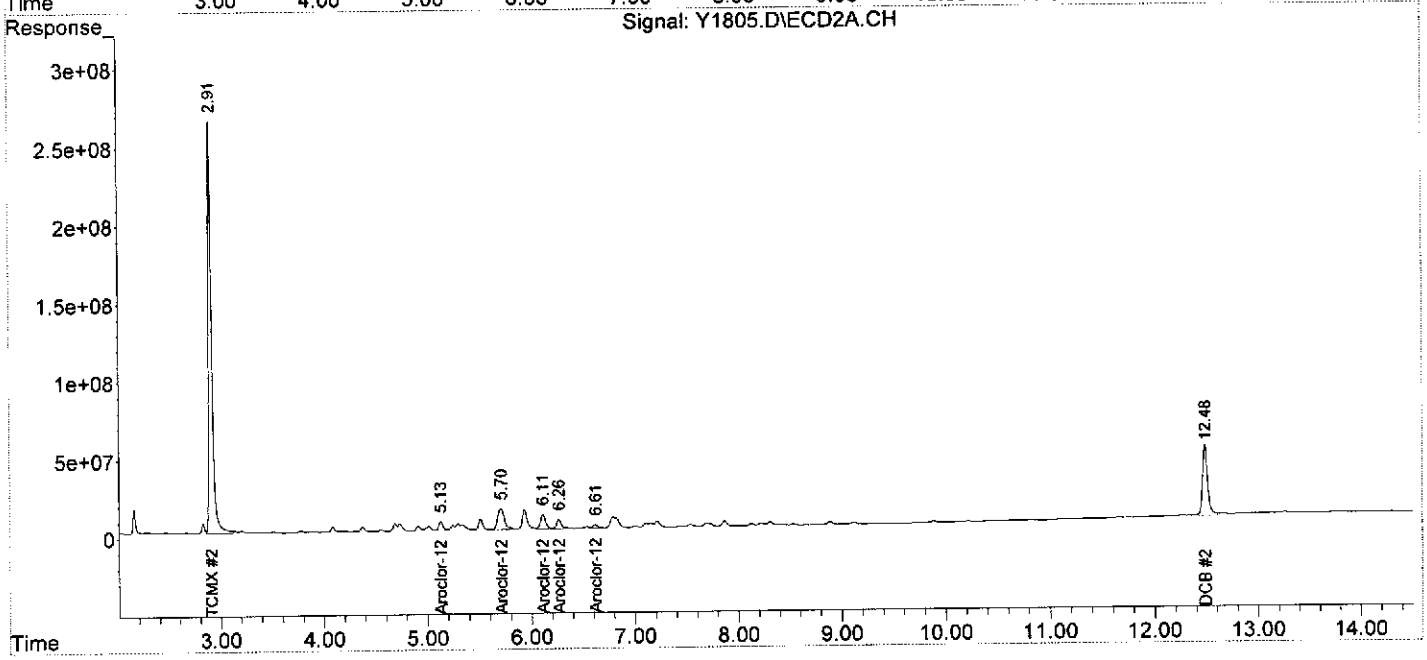
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1805.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 21:36
Operator : IB
Sample : N-15_(2.0-,09199-018,S,5.42g,32.0,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 28 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:44:40 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1806.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 21:54
Operator : IB
Sample : N-15_(4.0-,09199-019,S,5.03g,34.7,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:47:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	13111.0E6	4729.3E6	134.541	177.441 #
Spiked Amount 200.000			Recovery	=	67.27%	88.72%
2) S DCB	12.10	12.48	2923.2E6	1657.8E6	143.762	191.437 #
Spiked Amount 200.000			Recovery	=	71.88%	95.72%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	237.9E6	94550642	64.964	90.981 #
24) L6 Aroclor-1248 {2}	5.05	5.71	113.8E6	134.6E6	56.743	87.822 #
25) L6 Aroclor-1248 {3}	5.37	6.11	110.7E6	69407546	44.367	63.951 #
26) L6 Aroclor-1248 {4}	6.07	6.26	49933290	31751459	11.036	32.260 #
27) L6 Aroclor-1248 {5}	6.33	6.61	45829401	15111400	14.608	28.195 #
Sum Aroclor-1248			558.1E6	345.5E6	191.718	303.208
Average Aroclor-1248					38.344	60.642
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

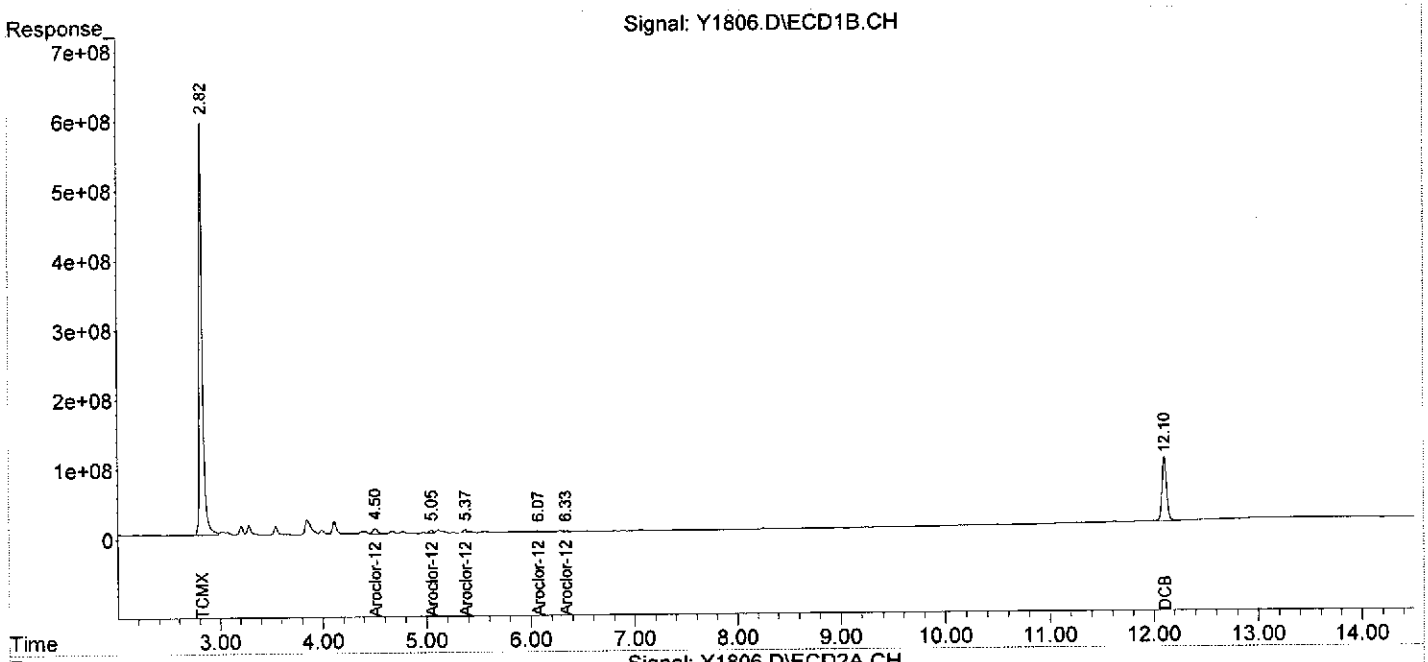
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

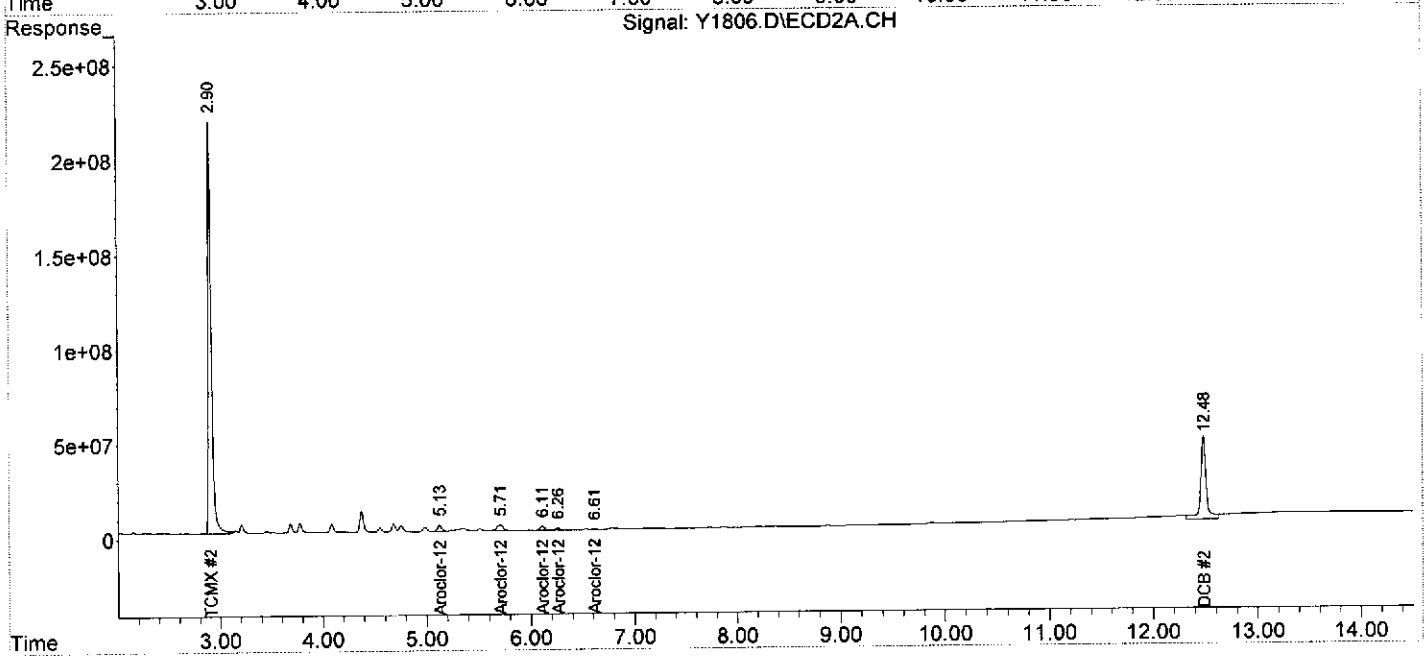
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1806.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 21:54
Operator : IB
Sample : N-15_(4.0-,09199-019,S,5.03g,34.7,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:47:22 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1838.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 15:51
Operator : YG
Sample : N-15_(5.0-,09199-020,S,5.81g,14.4,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,2
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:34:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.83	2.91	12482.9E6	3407.7E6	128.095	127.856
Spiked Amount 200.000			Recovery	=	64.05%	63.93%
2) S DCB	12.11	12.49	1754.8E6	768.7E6	86.300m	88.768m
Spiked Amount 200.000			Recovery	=	43.15%	44.38%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	5353.5E6	1401.5E6	1462.043	1348.546
24) L6 Aroclor-1248 {2}	5.05	5.71	1868.8E6	1485.8E6	932.055	969.135
25) L6 Aroclor-1248 {3}	5.37	6.11	1209.6E6	1026.6E6	484.722	945.930 #
26) L6 Aroclor-1248 {4}	6.07	6.26	4300.7E6	823.4E6	950.557	836.583
27) L6 Aroclor-1248 {5}	6.35	6.62	3038.1E6	478.8E6	968.379	893.338
Sum Aroclor-1248			15770.8E6	5216.1E6	4797.756	4993.533
Average Aroclor-1248					959.551	998.707
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

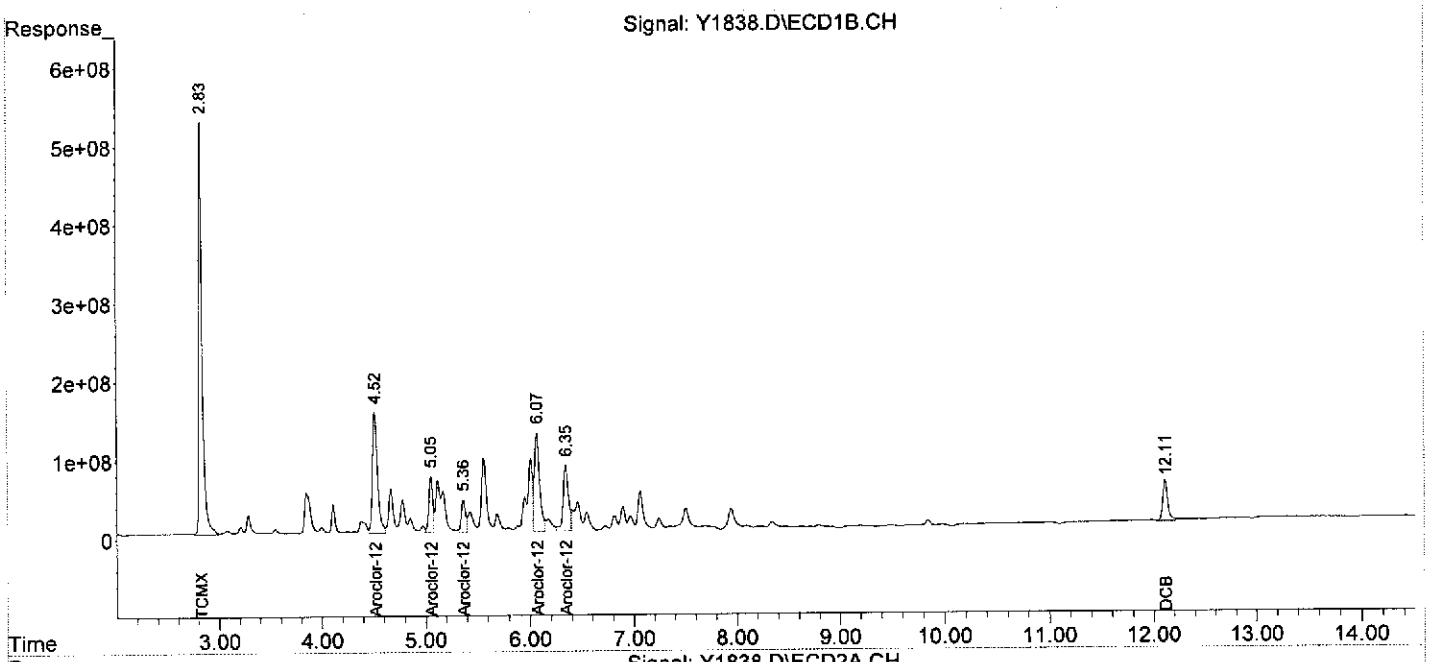
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

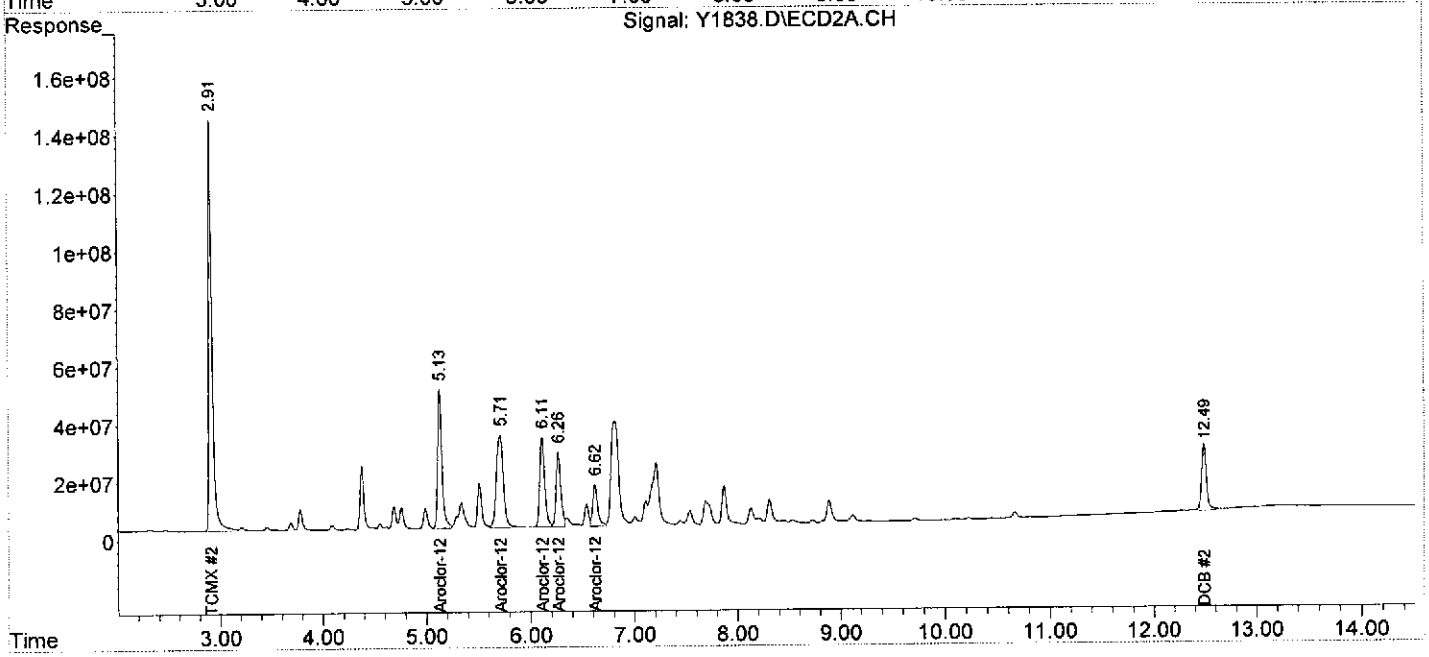
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1838.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 15:51
Operator : YG
Sample : N-15_(5.0-,09199-020,S,5.81g,14.4,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,2
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:34:51 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1841.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 17:57
Operator : YG
Sample : P-15_(4.0-,09199-021,S,5.22g,20.9,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1000
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:35:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	438.2E6	143.9E6	119.678	138.421
24) L6 Aroclor-1248 {2}	5.05	5.71	241.1E6	214.0E6	120.270	139.610
25) L6 Aroclor-1248 {3}	5.37	6.11	319.6E6	150.2E6	128.070	138.371
26) L6 Aroclor-1248 {4}	6.07	6.26	580.4E6	132.8E6	128.278	134.923
27) L6 Aroclor-1248 {5}	6.34	6.62	370.3E6	74219927	118.042	138.480
Sum Aroclor-1248			1949.7E6	715.1E6	614.337	689.806
Average Aroclor-1248					122.867	137.961
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

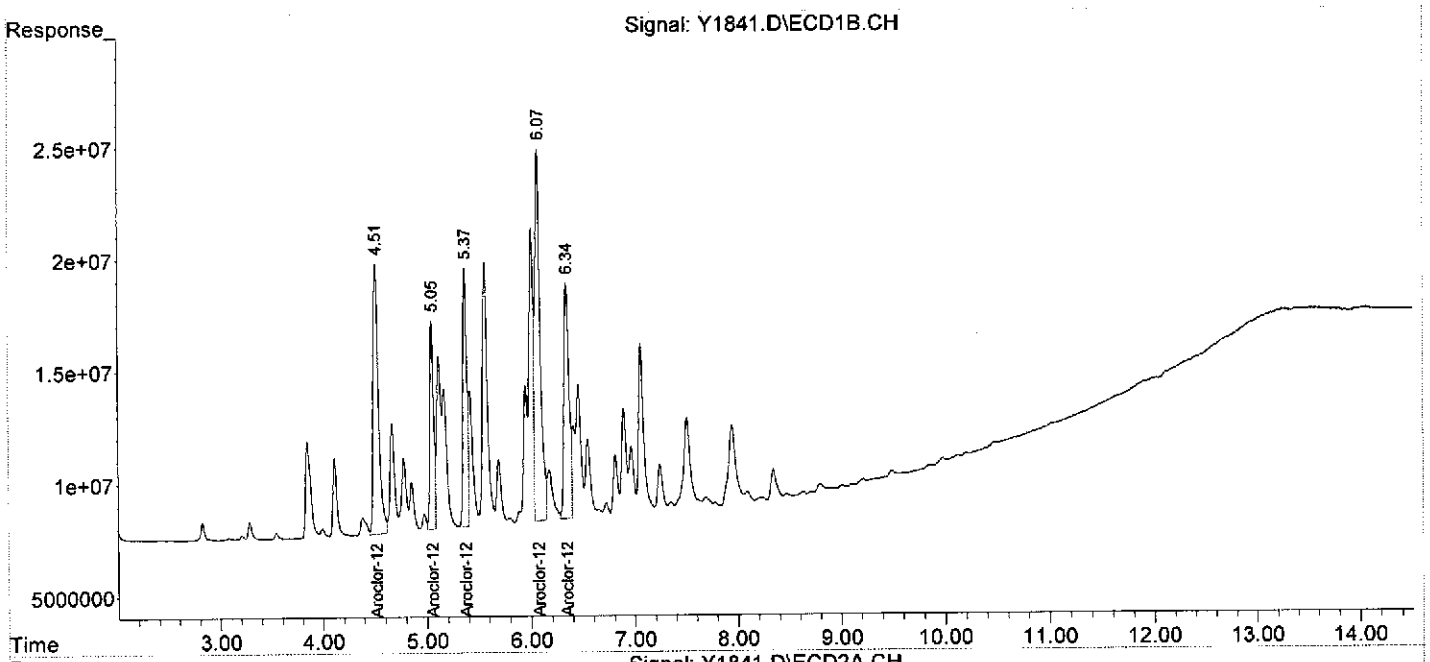
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

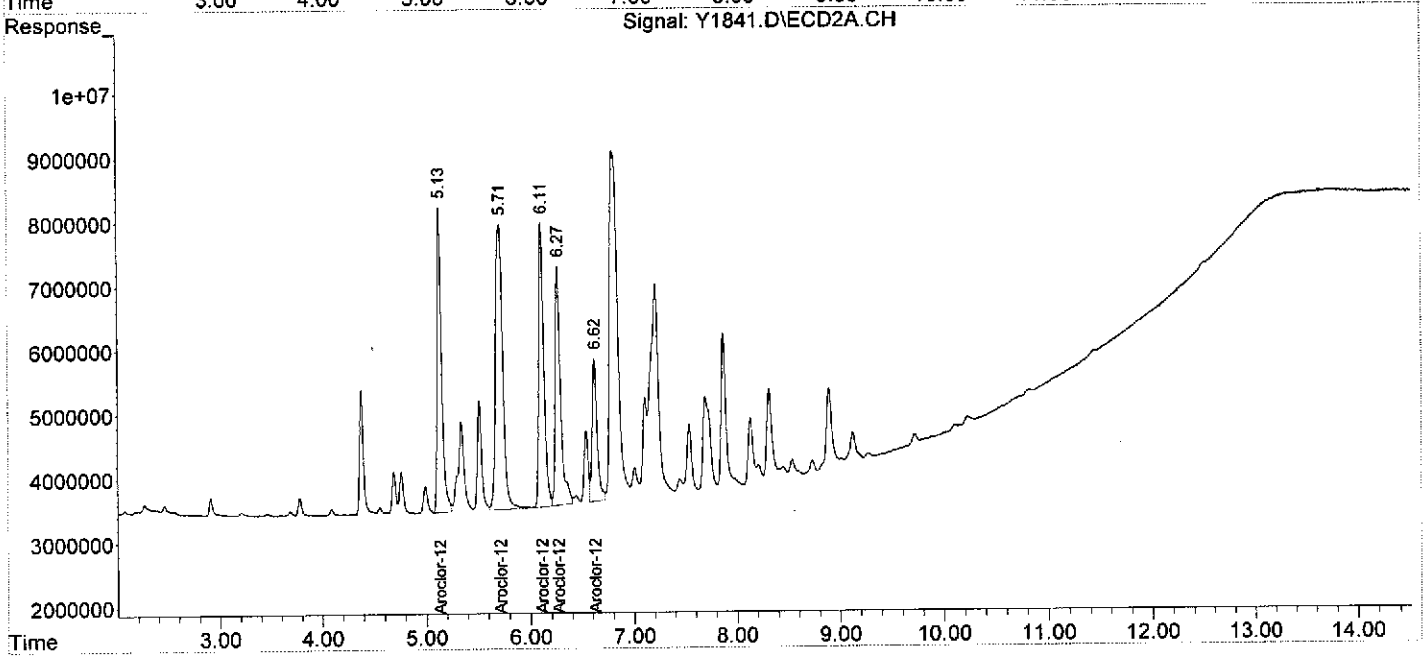
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1841.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 17:57
Operator : YG
Sample : P-15_(4.0-,09199-021,S,5.22g,20.9,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1000
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:35:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1842.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 18:15
Operator : YG
Sample : P-15_(5.0-,09199-022,S,5.47g,20.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:36:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	2419.0E6	705.8E6	660.630	679.104
24) L6 Aroclor-1248 {2}	5.05	5.71	1255.5E6	991.6E6	626.146	646.814
25) L6 Aroclor-1248 {3}	5.37	6.11	1706.9E6	706.2E6	684.019	650.669
26) L6 Aroclor-1248 {4}	6.07	6.26	3077.0E6	638.7E6	680.091	648.950
27) L6 Aroclor-1248 {5}	6.35	6.62	2062.1E6	349.7E6	657.286	652.463
Sum Aroclor-1248			10520.5E6	3392.0E6	3308.172	3278.001
Average Aroclor-1248					661.634	655.600
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

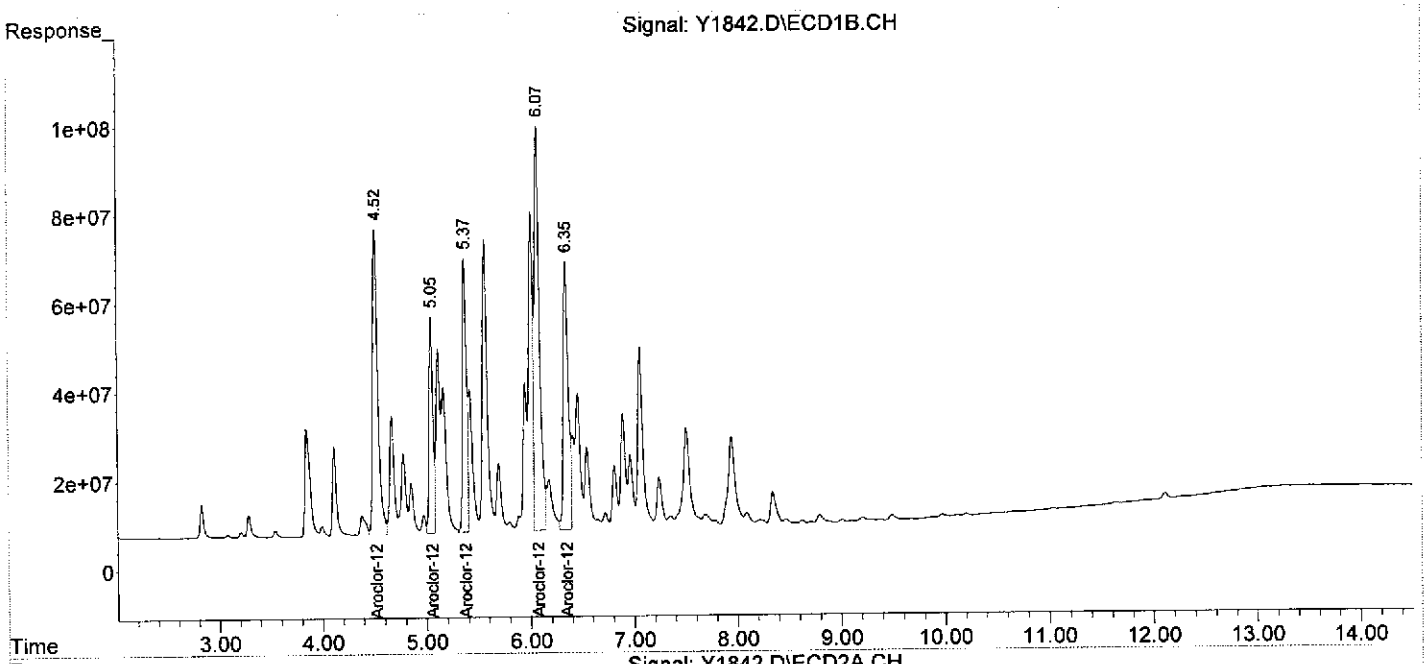
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

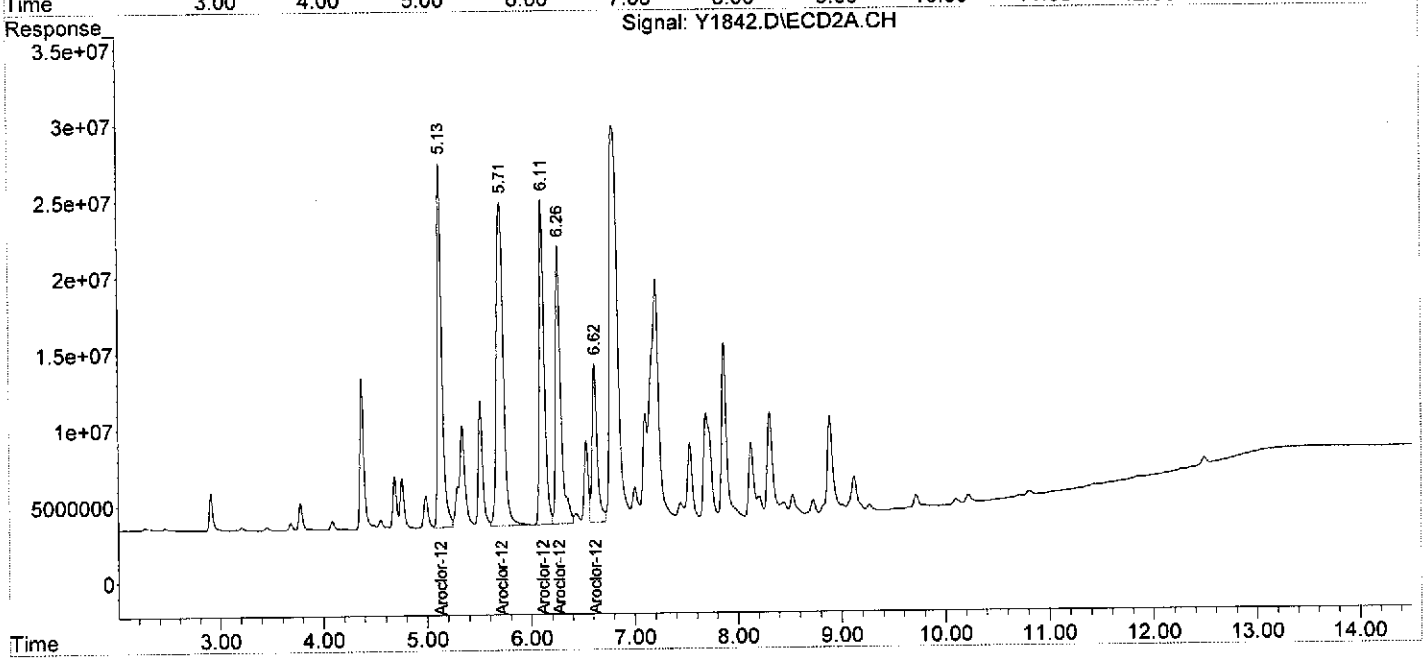
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1842.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 18:15
Operator : YG
Sample : P-15_(5.0-,09199-022,S,5.47g,20.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:36:05 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-19-12\
Data File : Y1881.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Sep 2012 13:41
Operator : YG
Sample : P-15_(6.0-,09199-023,S,5.30g,14.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,10000
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 15:37:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.14	1693.9E6	503.4E6	462.611	484.354
24) L6 Aroclor-1248 {2}	5.05	5.72	901.6E6	736.4E6	449.653	480.332
25) L6 Aroclor-1248 {3}	5.37	6.12	1237.9E6	527.1E6	496.087	485.641
26) L6 Aroclor-1248 {4}	6.07	6.28	2393.6E6	479.8E6	529.033	487.455
27) L6 Aroclor-1248 {5}	6.34	6.63	1840.4E6	272.5E6	586.623	508.411
Sum Aroclor-1248			8067.4E6	2519.1E6	2524.006	2446.193
Average Aroclor-1248					504.801	489.239
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

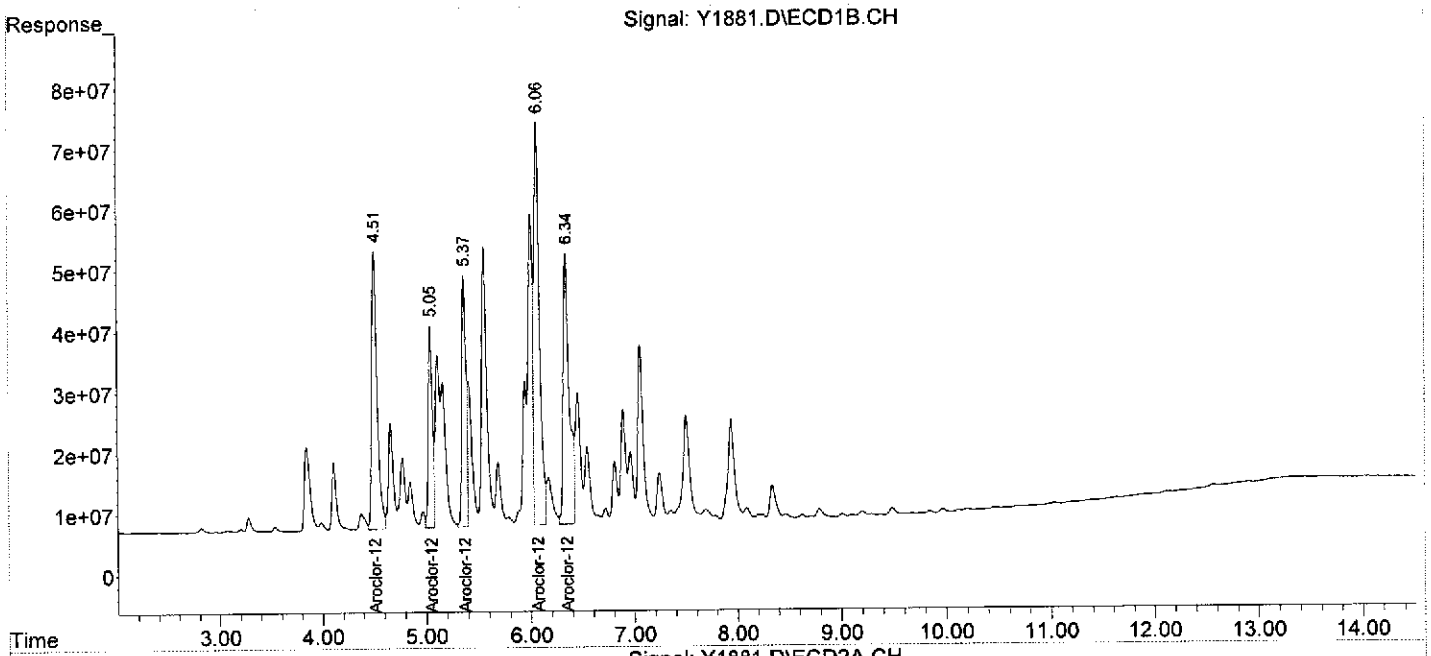
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

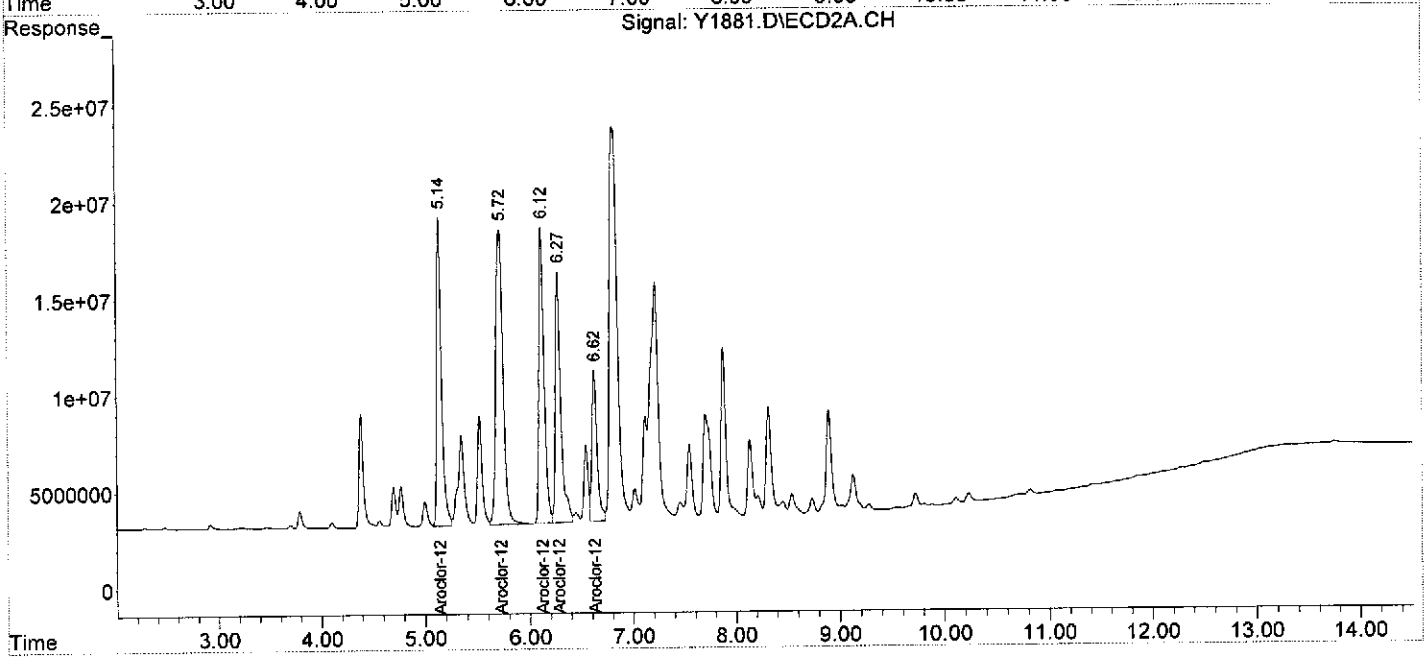
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-19-12\
Data File : Y1881.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 19 Sep 2012 13:41
Operator : YG
Sample : P-15_(6.0-,09199-023,S,5.30g,14.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,10000
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 15:37:18 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\09-18-12\
Data File : Y1844.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 18:49
Operator : YG
Sample : P-15_(7.0-,09199-024,S,5.05g,17.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:37:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	2422.1E6	722.5E6	661.472	695.195
24) L6 Aroclor-1248 {2}	5.05	5.71	1273.5E6	1024.5E6	635.160	668.275
25) L6 Aroclor-1248 {3}	5.37	6.11	1731.0E6	732.5E6	693.674	674.883
26) L6 Aroclor-1248 {4}	6.07	6.27	3153.6E6	666.7E6	697.012	677.381
27) L6 Aroclor-1248 {5}	6.35	6.62	2133.3E6	361.7E6	679.968	674.944
Sum Aroclor-1248			10713.5E6	3507.9E6	3367.285	3390.678
Average Aroclor-1248					673.457	678.136
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

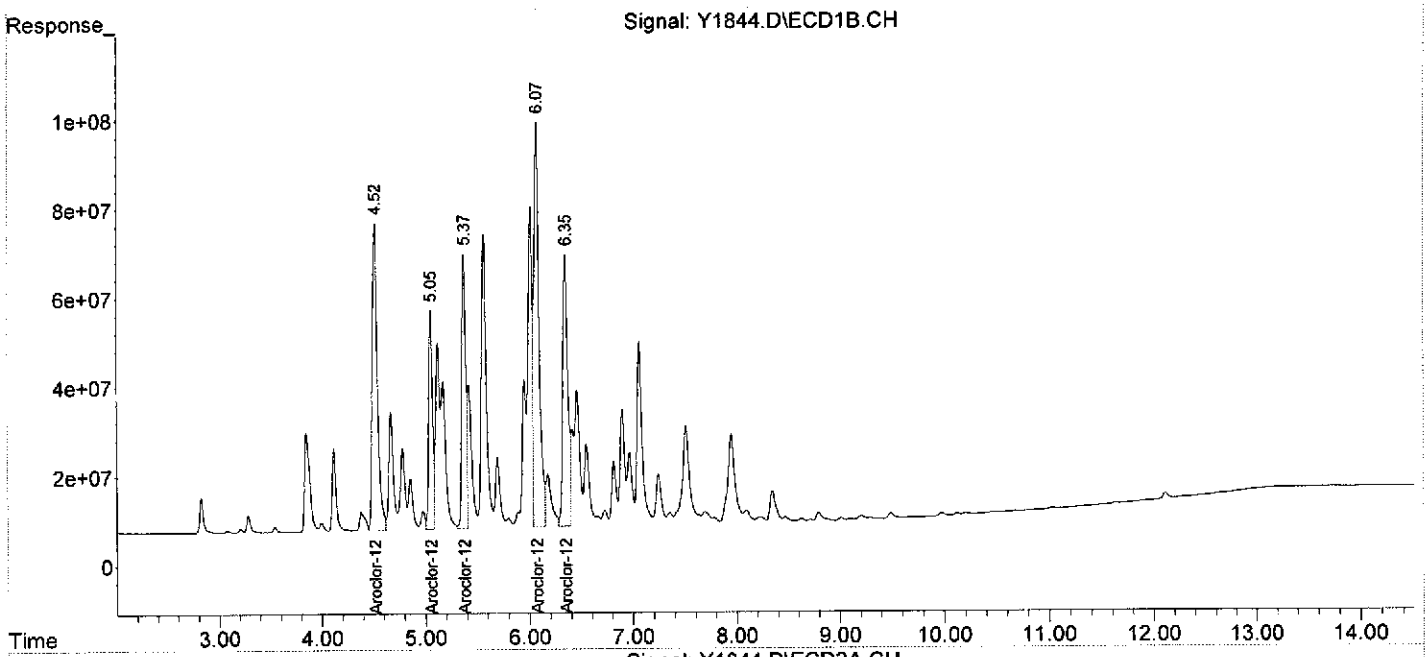
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

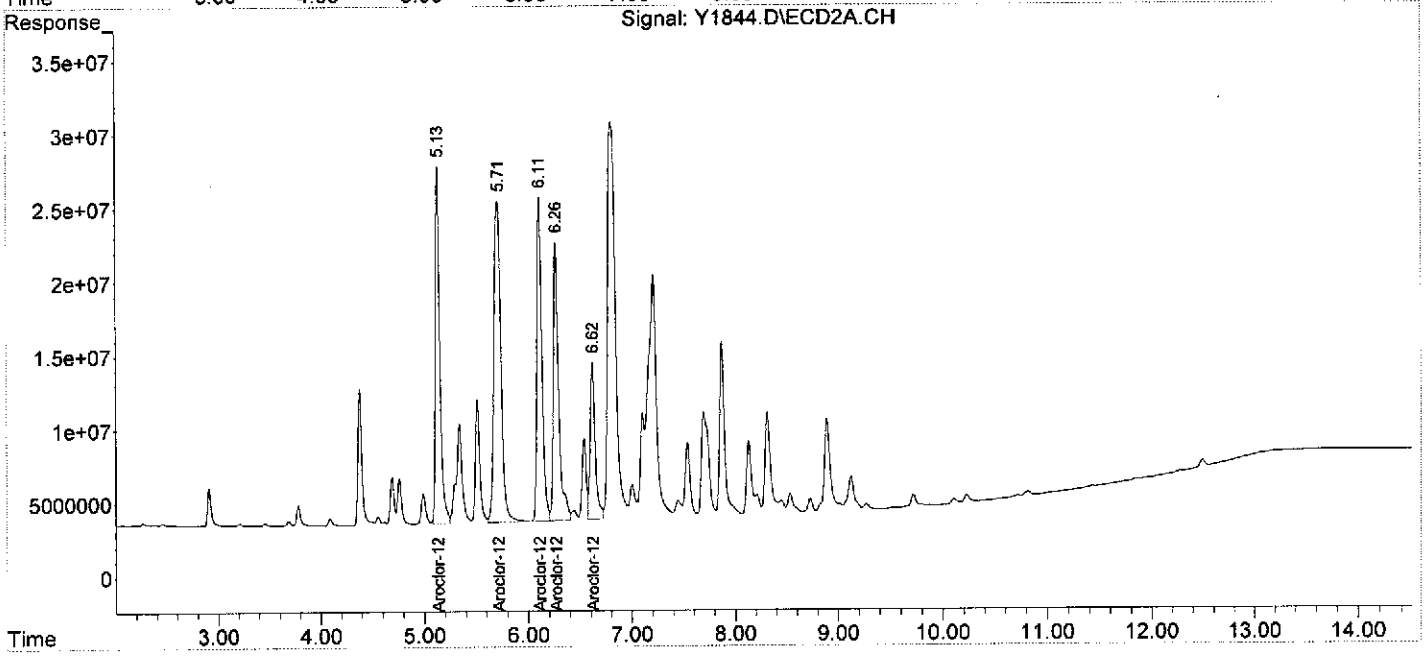
Quantitation Report (QT Reviewed)

Data Path : C:\MSDChem\1\DATA\09-18-12\
Data File : Y1844.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 18:49
Operator : YG
Sample : P-15_(7.0-,09199-024,S,5.05g,17.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 16 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:37:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1812.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 23:37
Operator : IB
Sample : O-16_(0-2.,09199-025,S,5.50g,22.6,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:48:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21639.0E6	6133.9E6	222.052	230.139
Spiked Amount 200.000			Recovery	=	111.03%	115.07%
2) S DCB	12.11	12.48	4339.0E6	1560.0E6	213.389m	180.136m
Spiked Amount 200.000			Recovery	=	106.69%	90.07%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	785.7E6	246.1E6	214.567	236.786
24) L6 Aroclor-1248 {2}	5.05	5.71	521.4E6	443.0E6	260.019	288.982
25) L6 Aroclor-1248 {3}	5.37	6.11	661.1E6	320.0E6	264.944	294.817
26) L6 Aroclor-1248 {4}	6.07	6.26	2294.3E6	309.0E6	507.087	313.968 #
27) L6 Aroclor-1248 {5}	6.34	6.62	1513.2E6	232.8E6	482.315	434.332
Sum Aroclor-1248			5775.6E6	1550.9E6	1728.932	1568.885
Average Aroclor-1248					345.786	313.777
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

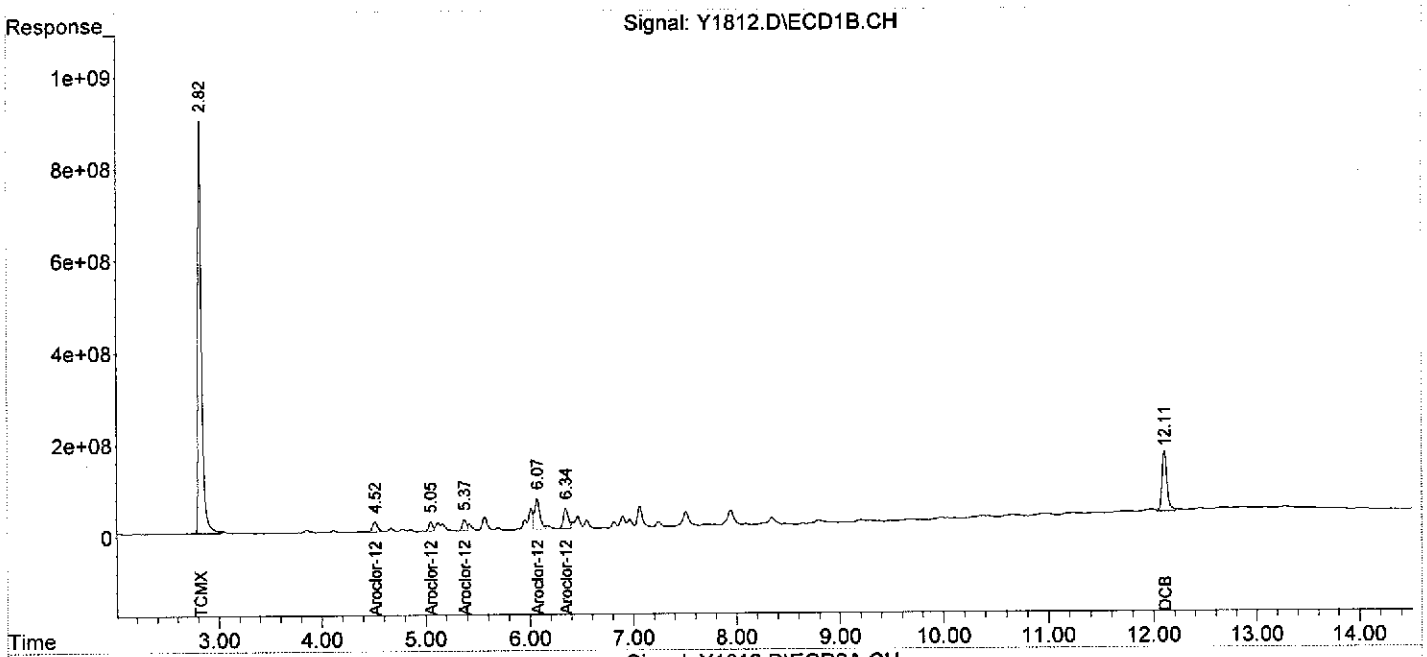
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

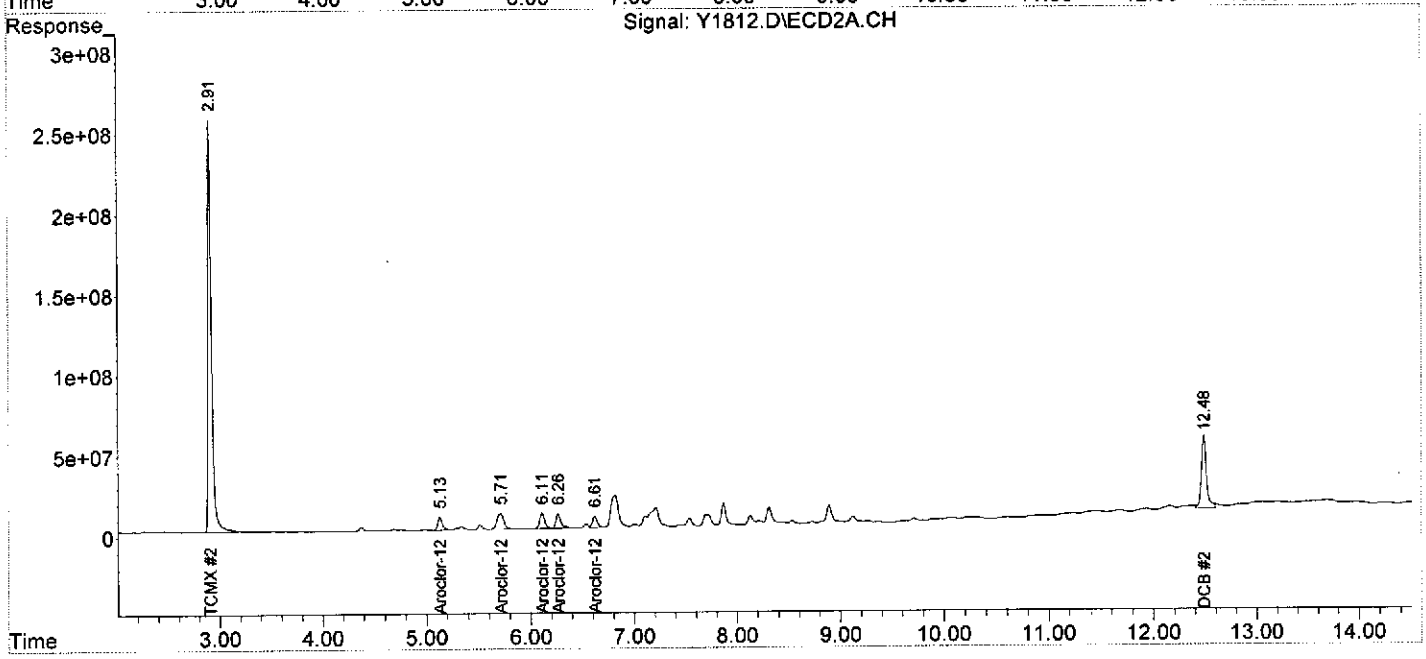
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1812.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 23:37
Operator : IB
Sample : O-16_(0-2.,09199-025,S,5.50g,22.6,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 35 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:48:09 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1813.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 23:54
Operator : IB
Sample : O-16_(2.0-,09199-026,S,5.49g,28.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:49:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
1) S TCMX	2.82	2.91	21965.2E6	6154.3E6	225.400	230.907	
Spiked Amount 200.000			Recovery	=	112.70%	115.45%	
2) S DCB	12.11	12.48	4347.3E6	1642.8E6	213.799m	189.706m	
Spiked Amount 200.000			Recovery	=	106.90%	94.85%	
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	4.52	5.13	116.6E6	38705994	31.835	37.245	
24) L6 Aroclor-1248 {2}	5.05	5.71	88375421	85176516	44.076	55.559	#
25) L6 Aroclor-1248 {3}	5.37	6.11	98536306	55574258	39.487	51.205	#
26) L6 Aroclor-1248 {4}	6.07	6.26	235.3E6	50000816	52.004	50.801	
27) L6 Aroclor-1248 {5}	6.35	6.62	121.8E6	20625472	38.815m	38.483	
Sum Aroclor-1248			660.5E6	250.1E6	206.218	233.293	
Average Aroclor-1248					41.244	46.659	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

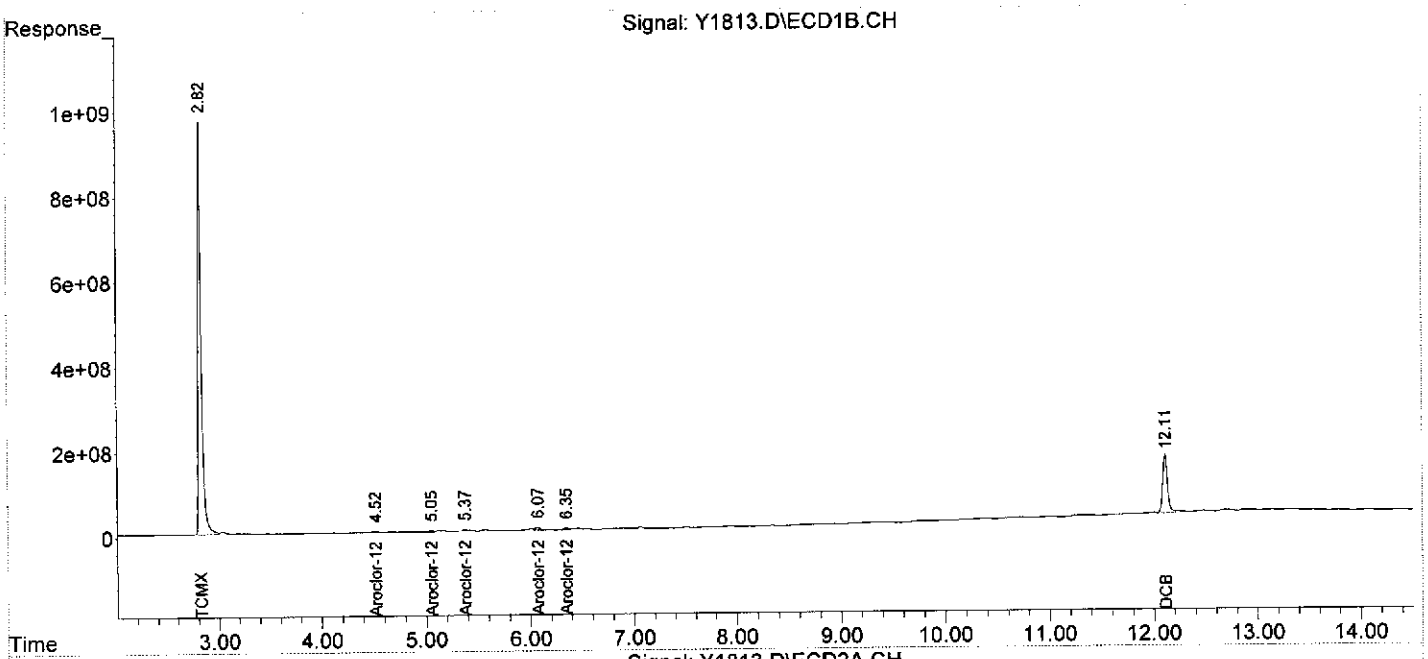
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

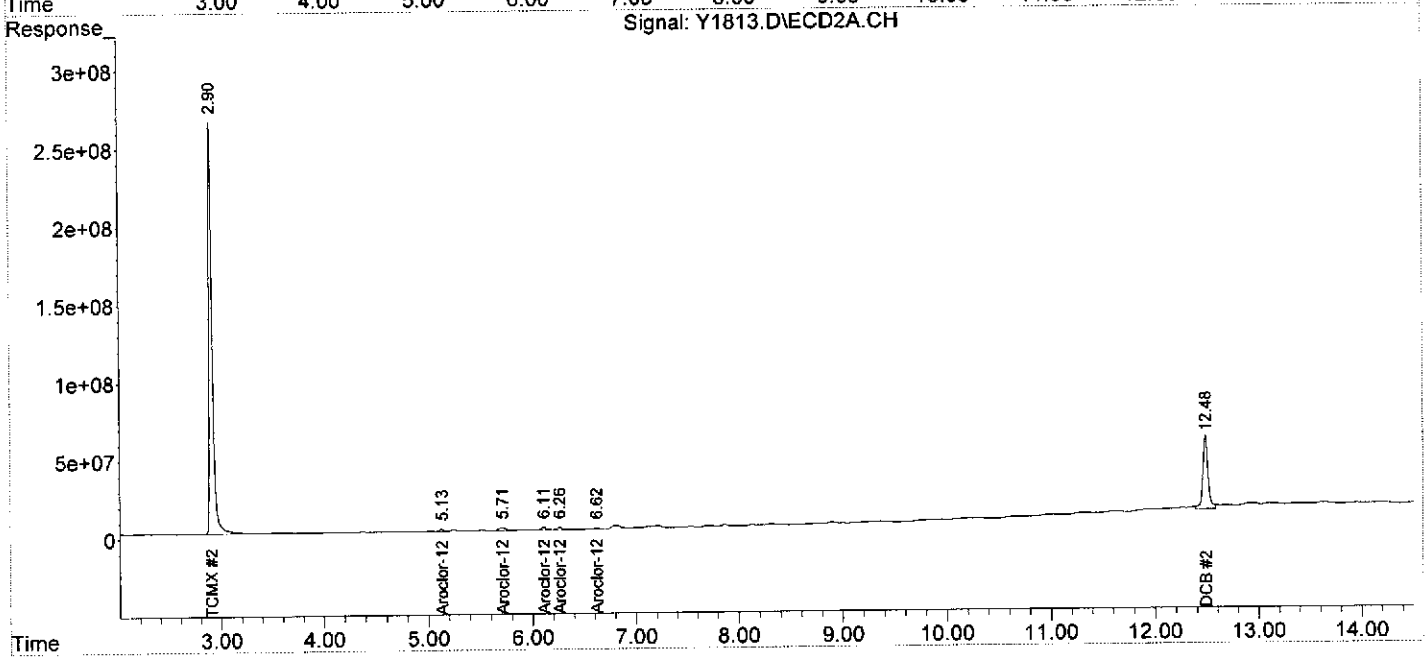
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1813.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 23:54
Operator : IB
Sample : O-16_(2.0-,09199-026,S,5.49g,28.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 36 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:49:48 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1814.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 00:11
Operator : IB
Sample : O-16_(4.0-,09199-027,S,5.72g,24.8,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:50:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21080.2E6	6090.0E6	216.318	228.495
Spiked Amount 200.000			Recovery	=	108.16%	114.25%
2) S DCB	12.11	12.48	4760.2E6	1528.6E6	234.105m	176.512m
Spiked Amount 200.000			Recovery	=	117.05%	88.26%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

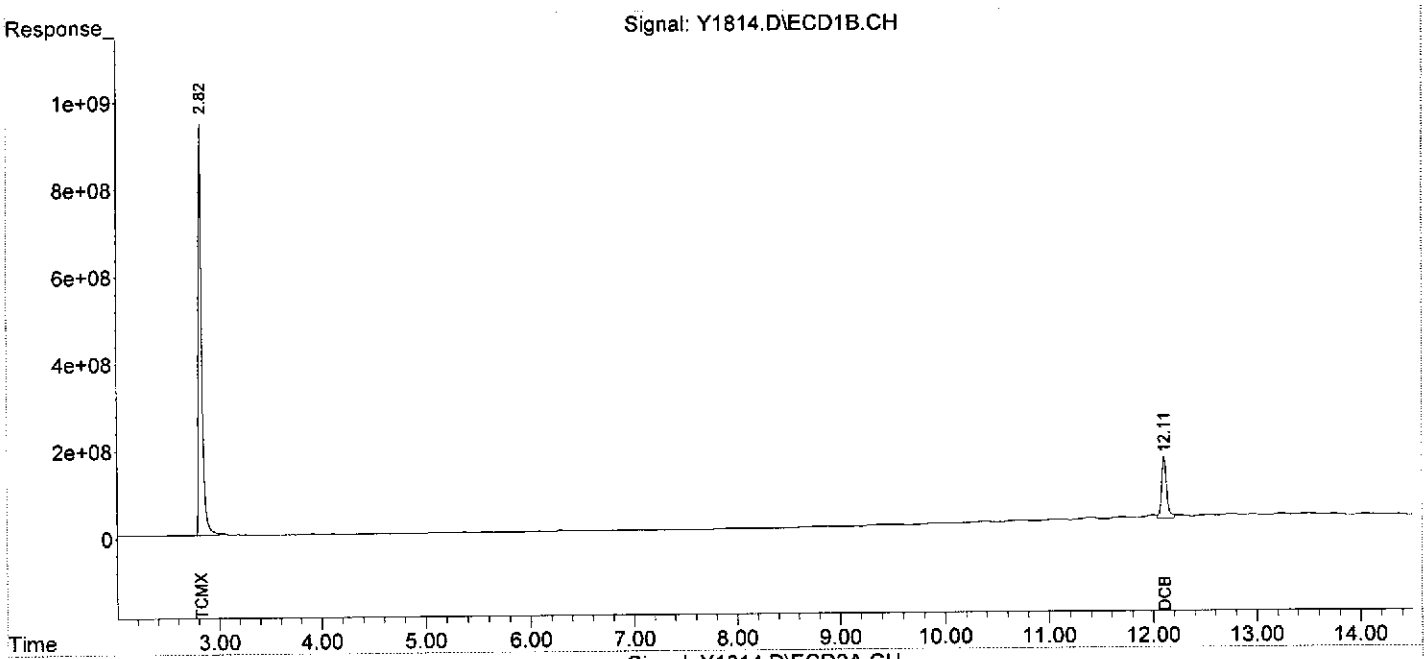
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

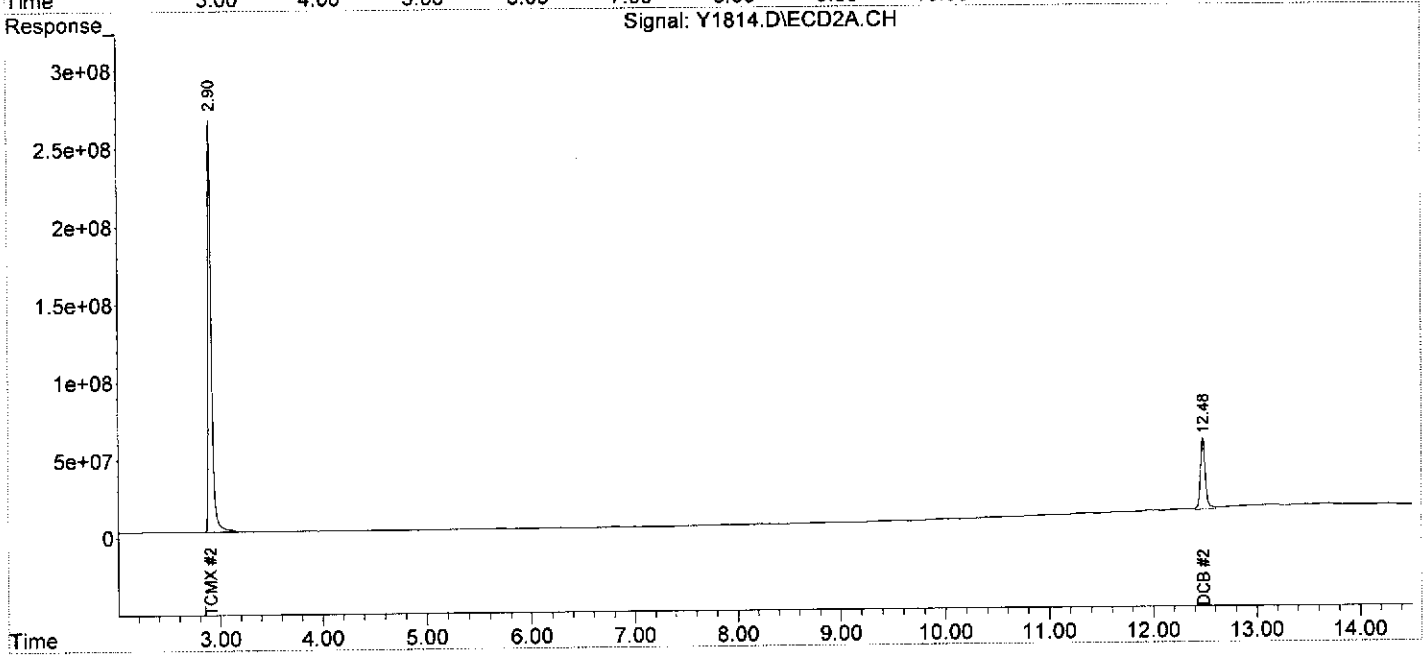
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1814.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 00:11
Operator : IB
Sample : O-16_(4.0-,09199-027,S,5.72g,24.8,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 37 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:50:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1815.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 00:28
Operator : IB
Sample : O-16_(5.0-,09199-028,S,5.05g,19.0,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:51:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21820.7E6	6067.4E6	223.917	227.648
Spiked Amount 200.000			Recovery	=	111.96%	113.82%
2) S DCB	12.11	12.48	4493.0E6	1499.1E6	220.963m	173.113m
Spiked Amount 200.000			Recovery	=	110.48%	86.56%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	60881282	24090036	16.627	23.180 #
24) L6 Aroclor-1248 {2}	5.05	5.71	32566906	32258407	16.242	21.042 #
25) L6 Aroclor-1248 {3}	5.37	6.11	45824789	27159962	18.364	25.025 #
26) L6 Aroclor-1248 {4}	6.07	6.26	96999770	28396433	21.439	28.851 #
27) L6 Aroclor-1248 {5}	6.34	6.62	46961393	17653093	14.968m	32.937 #
Sum Aroclor-1248			283.2E6	129.6E6	87.640	131.035
Average Aroclor-1248					17.528	26.207
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

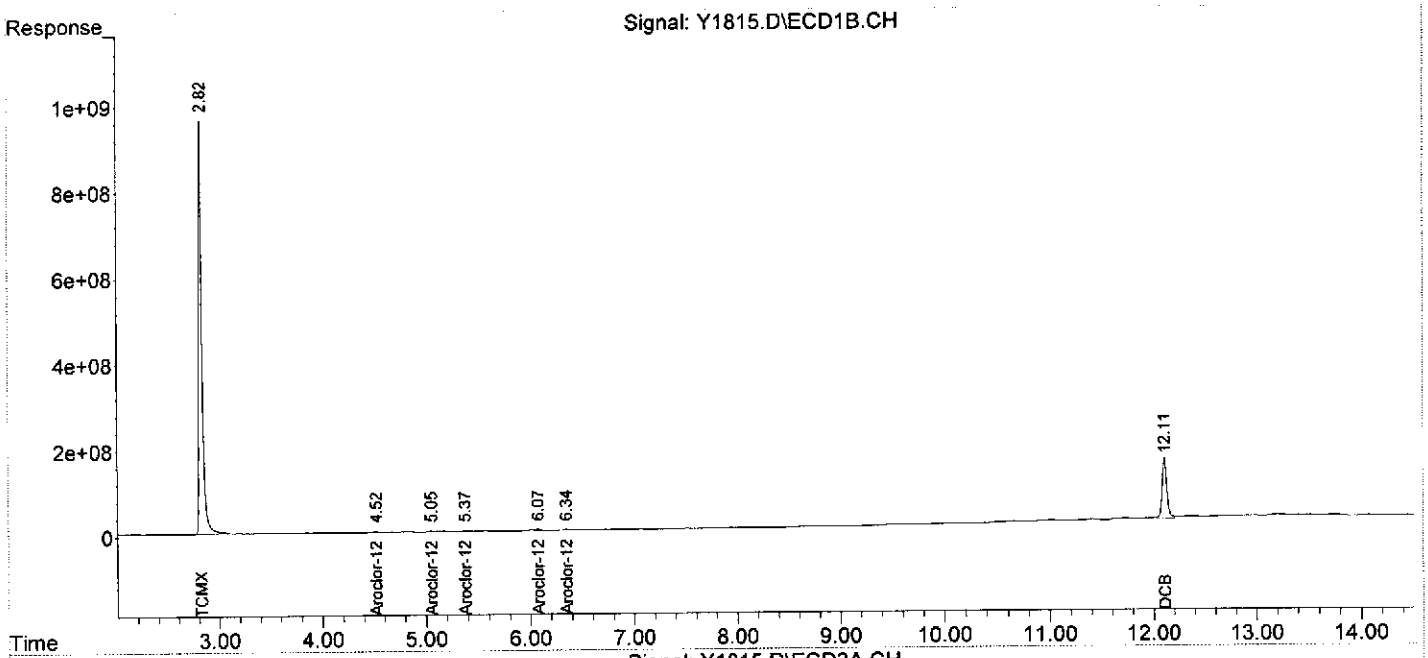
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

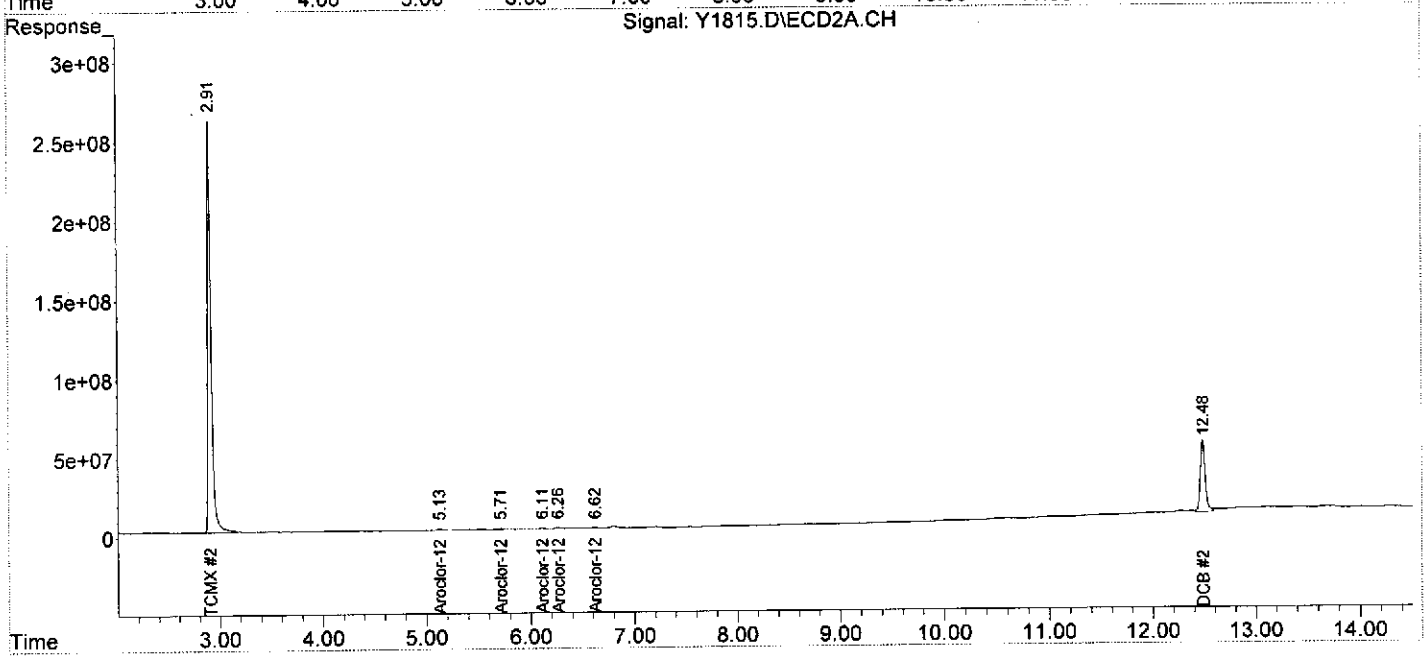
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1815.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 00:28
Operator : IB
Sample : O-16_(5.0-,09199-028,S,5.05g,19.0,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:51:00 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1845.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 19:06
Operator : YG
Sample : O-17_(0-2.,09199-029,S,5.19g,15.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:37:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.53	5.13	416.7E6	141.2E6	113.802	135.911
24) L6 Aroclor-1248 {2}	5.05	5.71	767.8E6	752.0E6	382.915	490.549 #
25) L6 Aroclor-1248 {3}	5.37	6.11	1290.5E6	660.3E6	517.136	608.351
26) L6 Aroclor-1248 {4}	6.07	6.26	4010.4E6	763.2E6	886.392	775.427
27) L6 Aroclor-1248 {5}	6.35	6.62	2911.3E6	449.5E6	927.945	838.682
Sum Aroclor-1248			9396.6E6	2766.3E6	2828.190	2848.921
Average Aroclor-1248					565.638	569.784
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

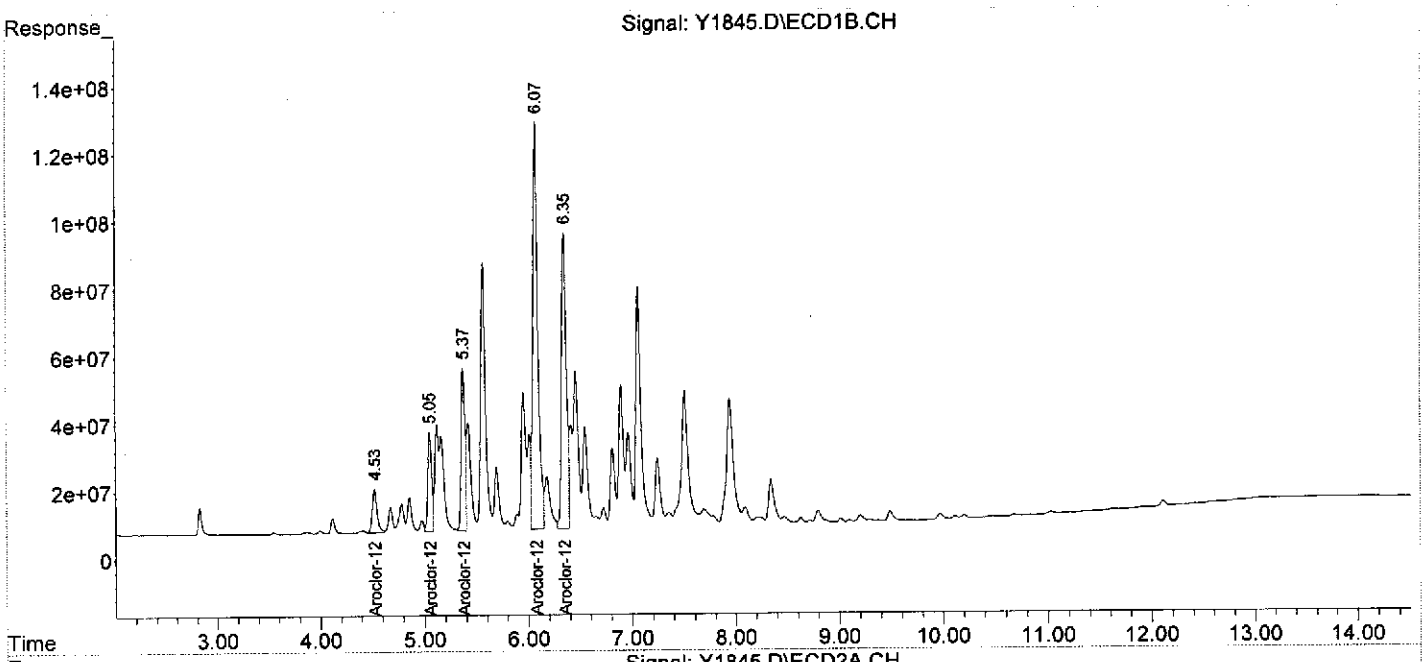
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

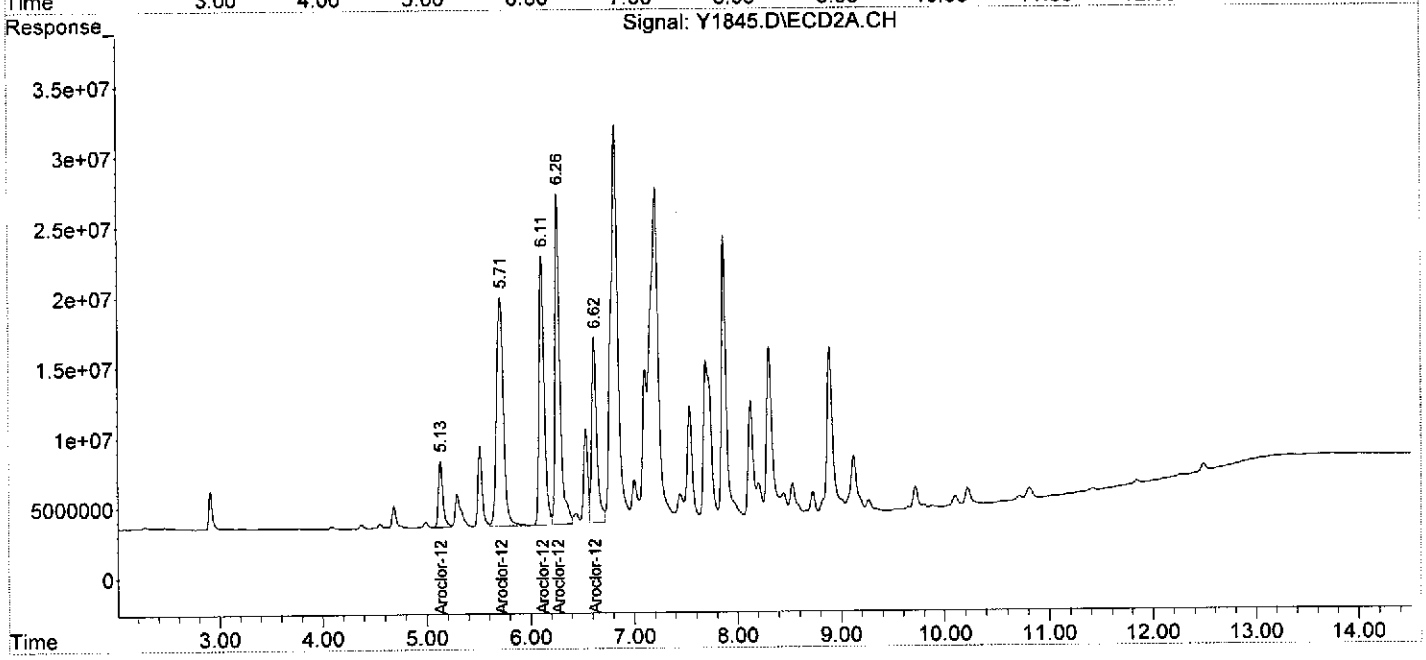
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1845.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 19:06
Operator : YG
Sample : O-17_(0-2.,09199-029,S,5.19g,15.3,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:37:41 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1846.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 19:23
Operator : YG
Sample : O-17_(2.0-,09199-030,S,5.03g,25.2,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:41:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	428.1E6	145.7E6	116.902	140.185
24) L6 Aroclor-1248 {2}	5.05	5.71	341.2E6	326.2E6	170.181	212.745 #
25) L6 Aroclor-1248 {3}	5.37	6.11	541.8E6	273.9E6	217.129	252.405
26) L6 Aroclor-1248 {4}	6.07	6.26	1246.7E6	273.7E6	275.553	278.072
27) L6 Aroclor-1248 {5}	6.35	6.62	860.6E6	150.9E6	274.293	281.548
Sum Aroclor-1248			3418.4E6	1170.4E6	1054.057	1164.955
Average Aroclor-1248					210.811	232.991
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

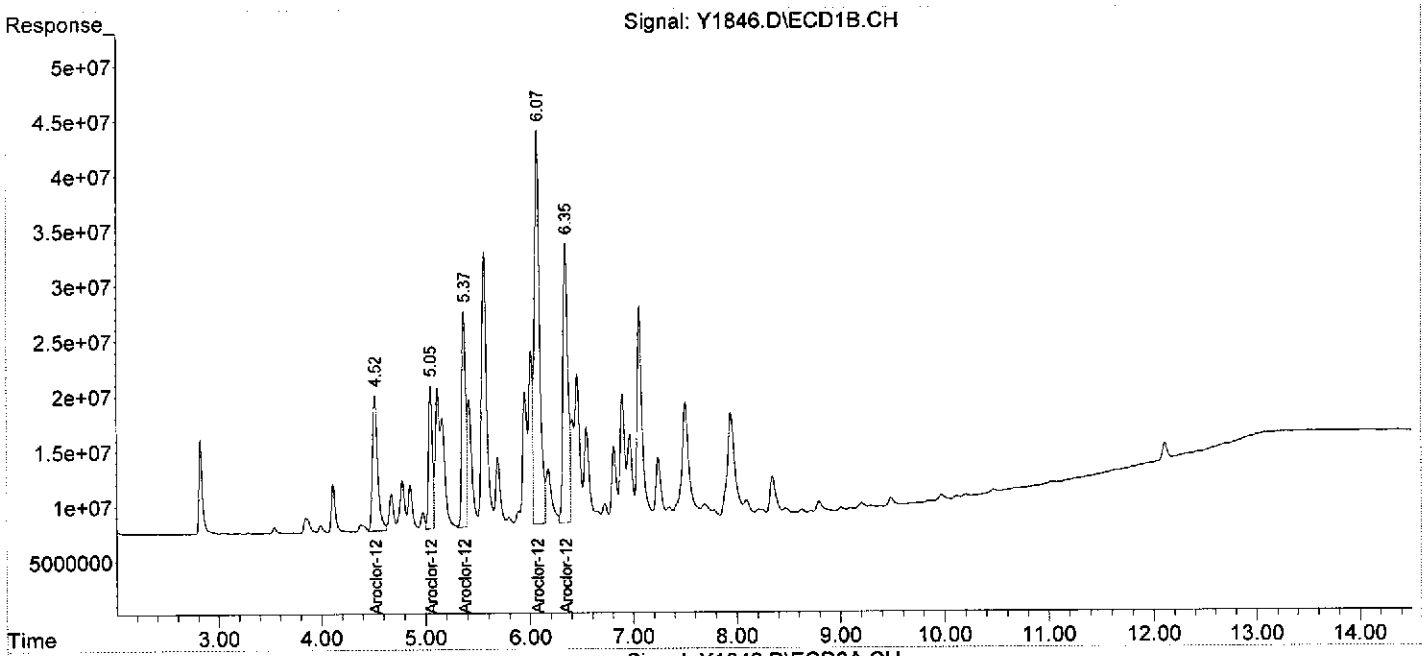
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

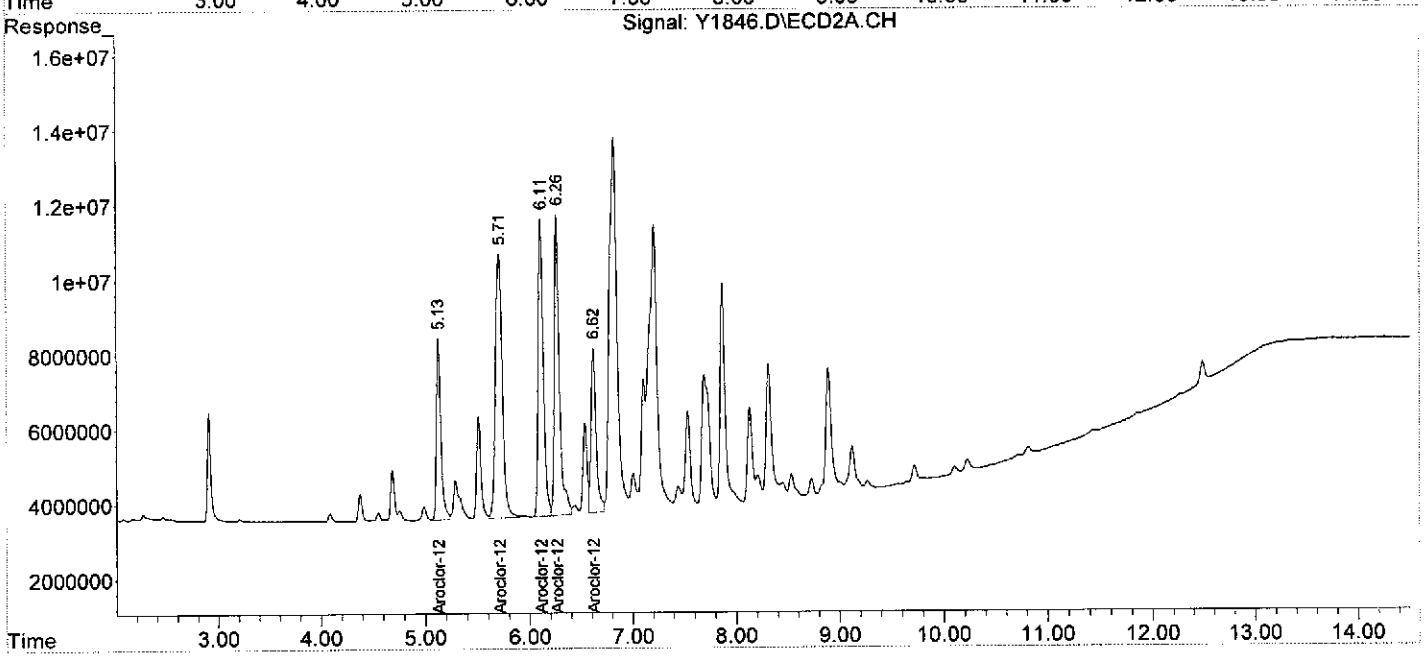
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1846.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 19:23
Operator : YG
Sample : O-17_(2.0-,09199-030,S,5.03g,25.2,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:41:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1818.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 1:20
Operator : IB
Sample : O-17_(4.0-,09199-031,S,5.47g,46.8,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:52:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21174.1E6	6218.5E6	217.282	233.317
Spiked Amount 200.000			Recovery	=	108.64%	116.66%
2) S DCB	12.11	12.48	4438.6E6	1550.5E6	218.285m	179.044m
Spiked Amount 200.000			Recovery	=	109.14%	89.52%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.50	5.12	763.0E6	231.0E6	208.366	222.268
24) L6 Aroclor-1248 {2}	5.05	5.71	1512.4E6	1185.9E6	754.310	773.526
25) L6 Aroclor-1248 {3}	5.37	6.11	979.8E6	477.4E6	392.628	439.835
26) L6 Aroclor-1248 {4}	6.07	6.26	196.1E6	185.2E6	43.349	188.195 #
27) L6 Aroclor-1248 {5}	6.35	6.62	109.5E6	25091697	34.916	46.816 #
Sum Aroclor-1248			3560.8E6	2104.5E6	1433.570	1670.640
Average Aroclor-1248					286.714	334.128
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

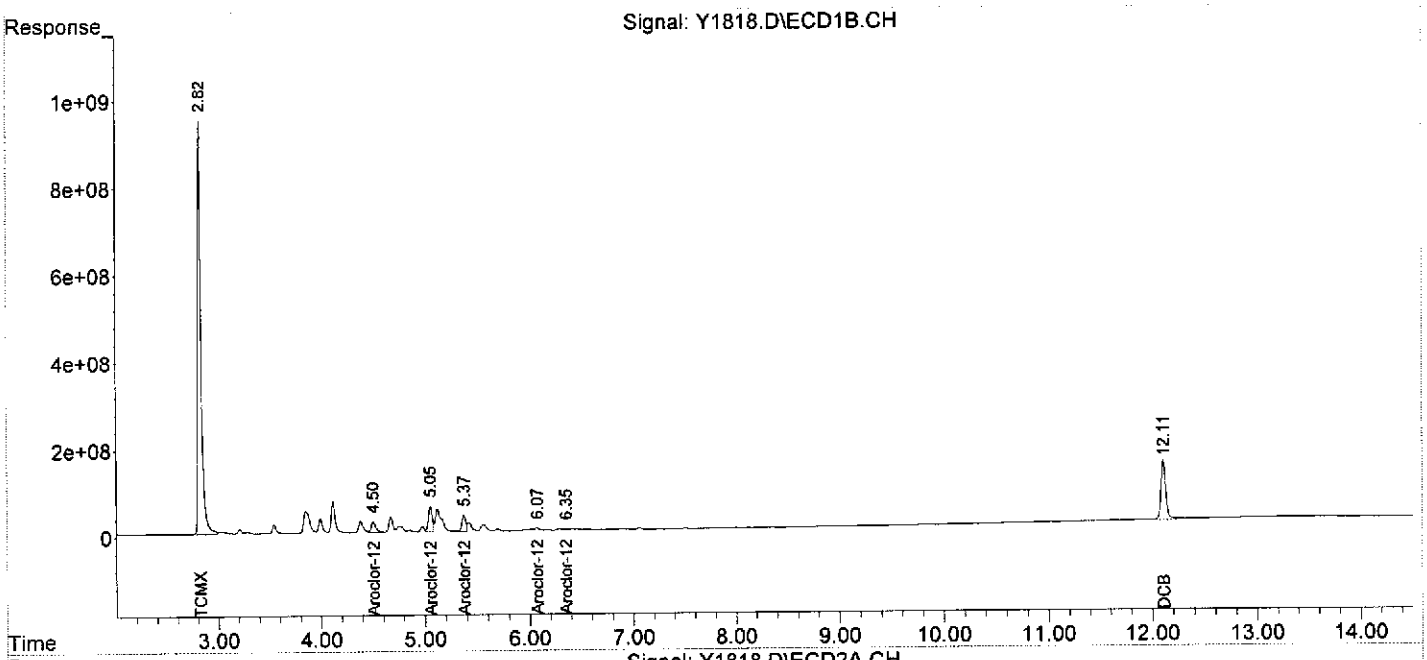
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

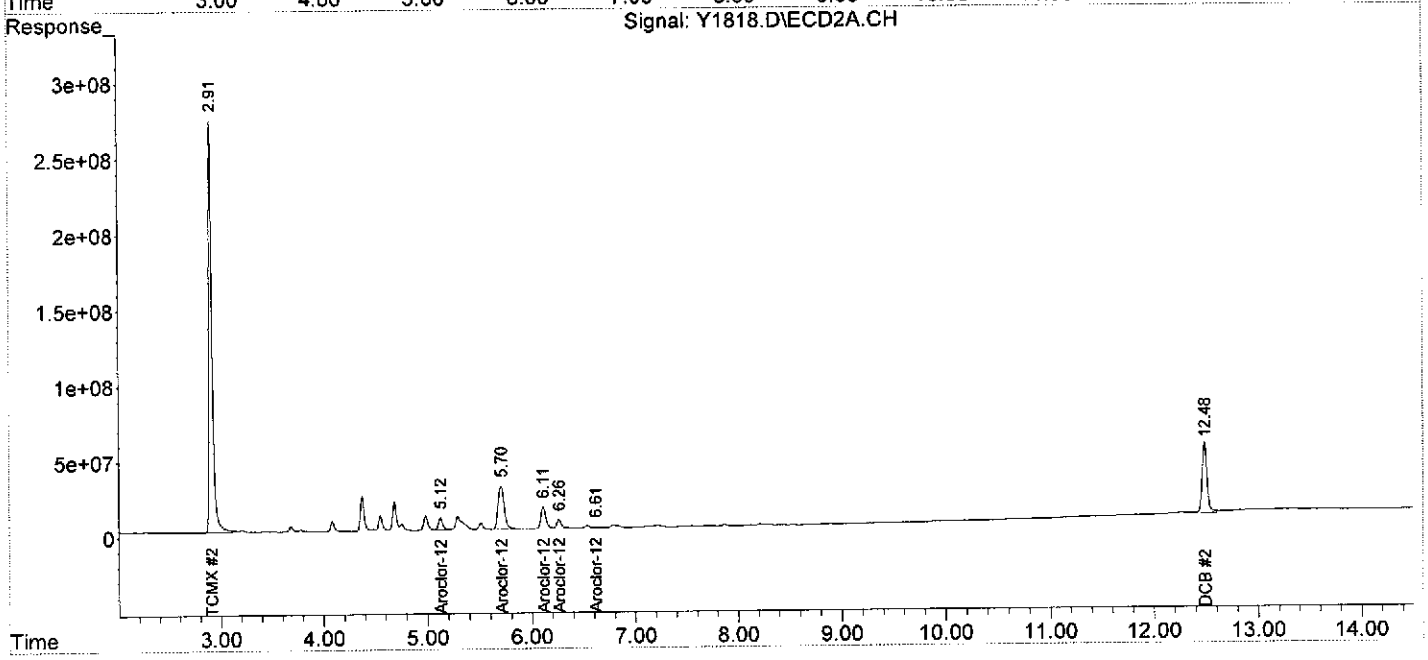
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1818.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 1:20
Operator : IB
Sample : O-17_(4.0-,09199-031,S,5.47g,46.8,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 41 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:52:08 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1819.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 1:37
Operator : IB
Sample : O-17_(4.5-,09199-032,S,5.33g,76.2,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:52:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	25347.8E6	7383.3E6	260.110	277.019
Spiked Amount 200.000			Recovery	=	130.06%	138.51%
2) S DCB	12.11	12.48	5121.4E6	1897.1E6	251.868	219.064
Spiked Amount 200.000			Recovery	=	125.93%	109.53%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	148.5E6	50496120	40.554	48.590
24) L6 Aroclor-1248 {2}	5.05	5.71	227.5E6	199.3E6	113.486	129.985
25) L6 Aroclor-1248 {3}	5.37	6.11	195.1E6	104.1E6	78.171	95.911
26) L6 Aroclor-1248 {4}	6.07	6.26	184.8E6	64500008	40.839	65.532 #
27) L6 Aroclor-1248 {5}	6.35	6.62	117.2E6	22281641	37.355	41.573
Sum Aroclor-1248			873.1E6	440.6E6	310.405	381.591
Average Aroclor-1248					62.081	76.318
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

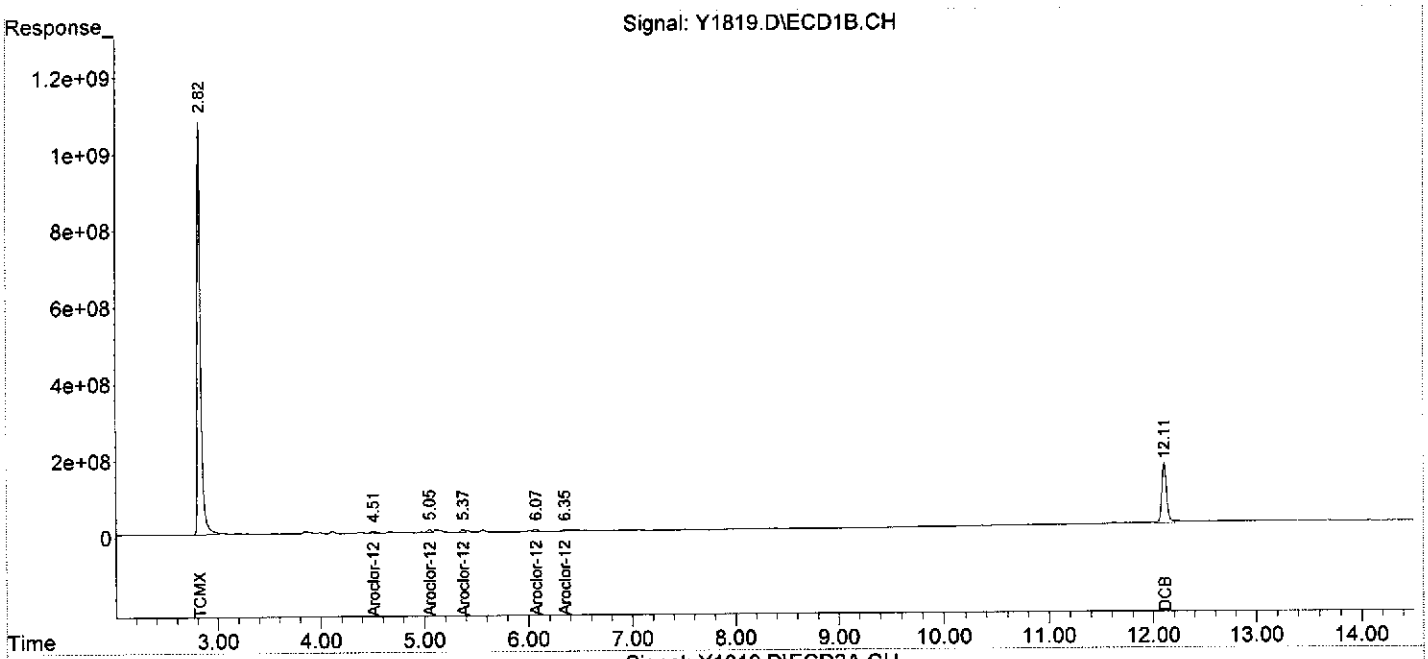
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

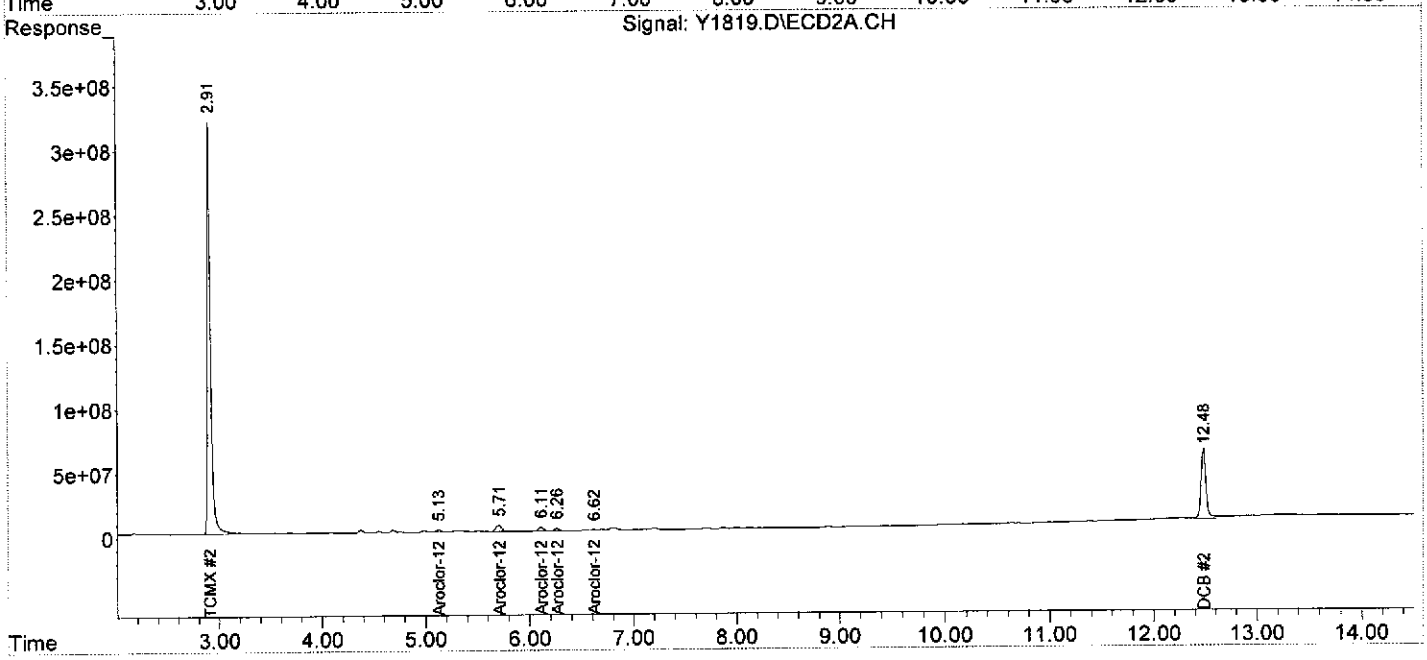
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1819.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 1:37
Operator : IB
Sample : O-17_(4.5-,09199-032,S,5.33g,76.2,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 42 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:52:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1820.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 1:54
Operator : IB
Sample : O-17_(5.25,09199-033,S,5.21g,21.0,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:52:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	21609.8E6	6098.3E6	221.752	228.804
Spiked Amount 200.000			Recovery	=	110.88%	114.40%
2) S DCB	12.11	12.48	4184.1E6	1506.5E6	205.770m	173.963m
Spiked Amount 200.000			Recovery	=	102.89%	86.98%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

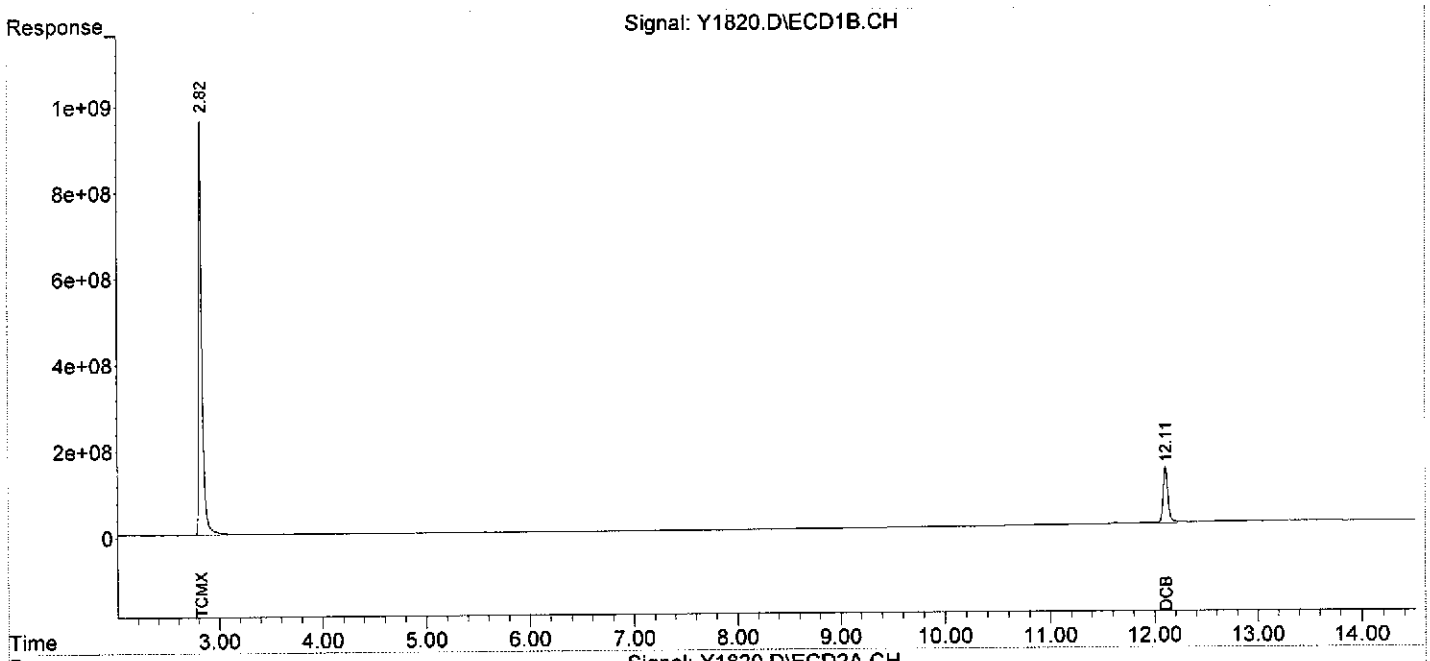
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

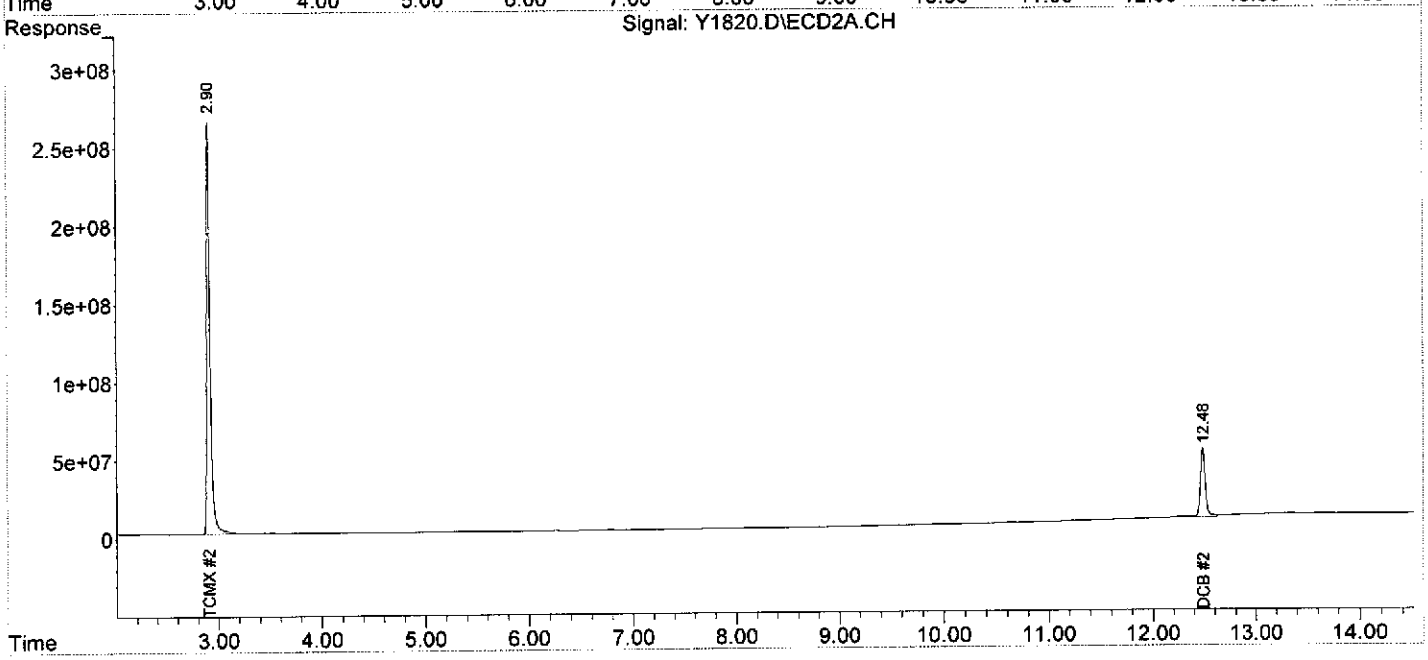
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1820.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 1:54
Operator : IB
Sample : O-17_(5.25,09199-033,S,5.21g,21.0,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 43 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:52:57 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1847.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 19:40
Operator : YG
Sample : O-18_(0-2.,09199-034,S,5.60g,6.40,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:41:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.52	5.13	3608.7E6	1056.4E6	985.521	1016.513
24) L6 Aroclor-1248 {2}	5.05	5.71	2306.2E6	1936.4E6	1150.203	1263.090
25) L6 Aroclor-1248 {3}	5.37	6.11	3059.0E6	1354.5E6	1225.843	1247.977
26) L6 Aroclor-1248 {4}	6.07	6.26	6822.1E6	1275.0E6	1507.853	1295.358
27) L6 Aroclor-1248 {5}	6.35	6.62	4457.4E6	719.4E6	1420.741	1342.246
Sum Aroclor-1248			20253.3E6	6341.6E6	6290.161	6165.184
Average Aroclor-1248					1258.032	1233.037
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

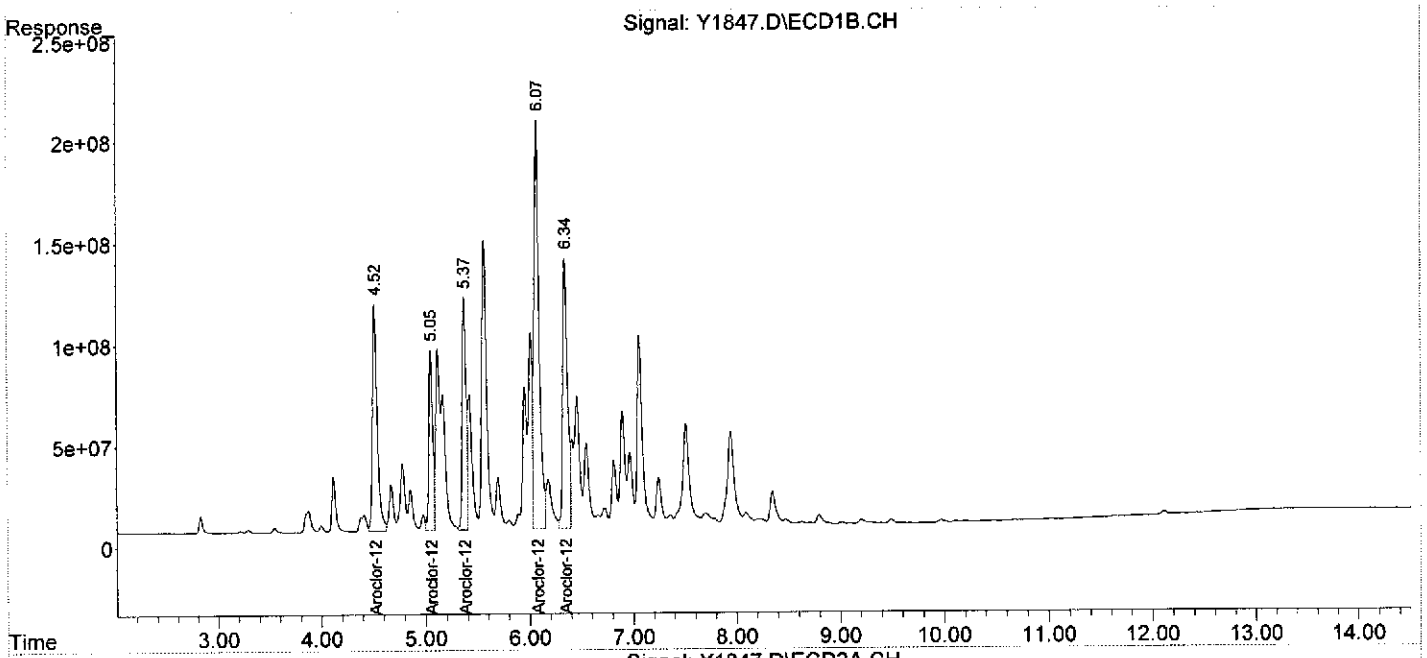
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

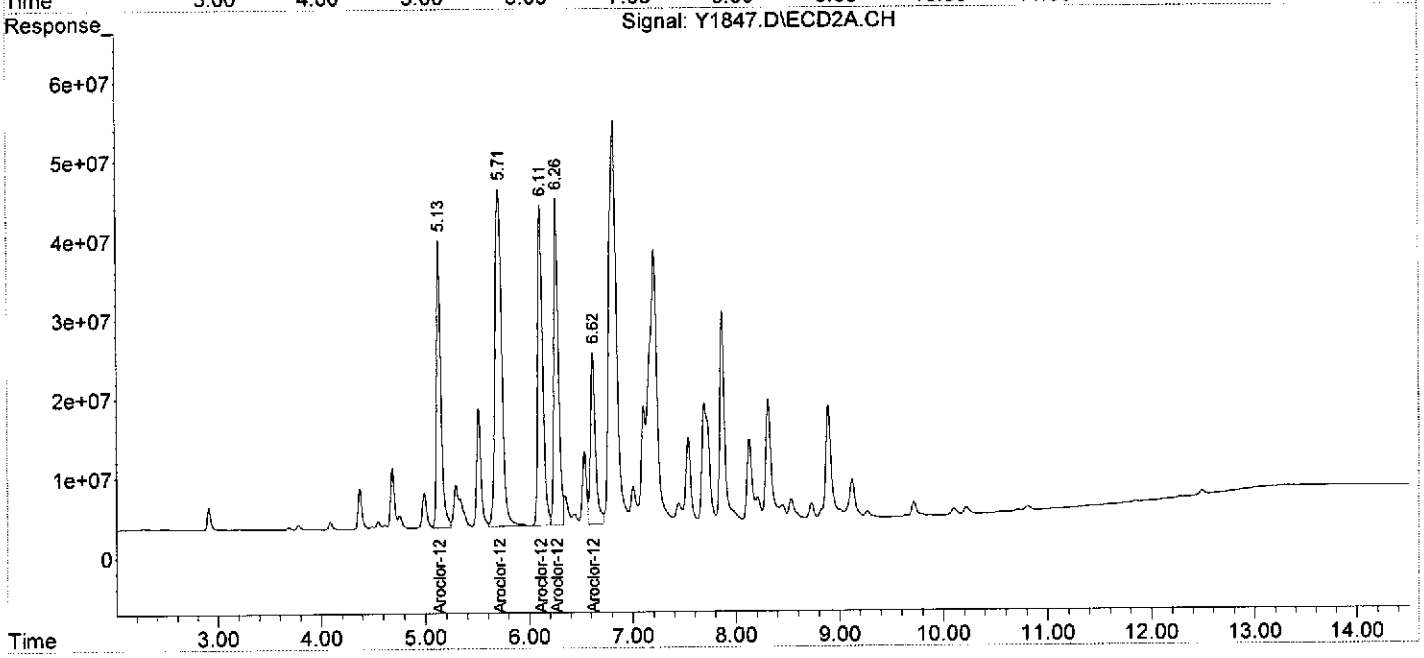
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1847.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 19:40
Operator : YG
Sample : O-18_(0-2.,09199-034,S,5.60g,6.40,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:41:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1848.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 19:58
Operator : YG
Sample : O-18_(2.0-,09199-035,S,5.35g,26.0,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:42:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.13	4497.3E6	1239.8E6	1228.208	1193.022
24) L6 Aroclor-1248 {2}	5.05	5.71	2100.8E6	2039.6E6	1047.773	1330.403 #
25) L6 Aroclor-1248 {3}	5.37	6.12	847.3E6	602.1E6	339.554	554.799 #
26) L6 Aroclor-1248 {4}	6.07	6.26	384.4E6	323.2E6	84.966	328.373 #
27) L6 Aroclor-1248 {5}	6.37	6.62	271.4E6	58247785	86.522	108.679 #
Sum Aroclor-1248			8101.3E6	4263.0E6	2787.023	3515.276
Average Aroclor-1248					557.405	703.055
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

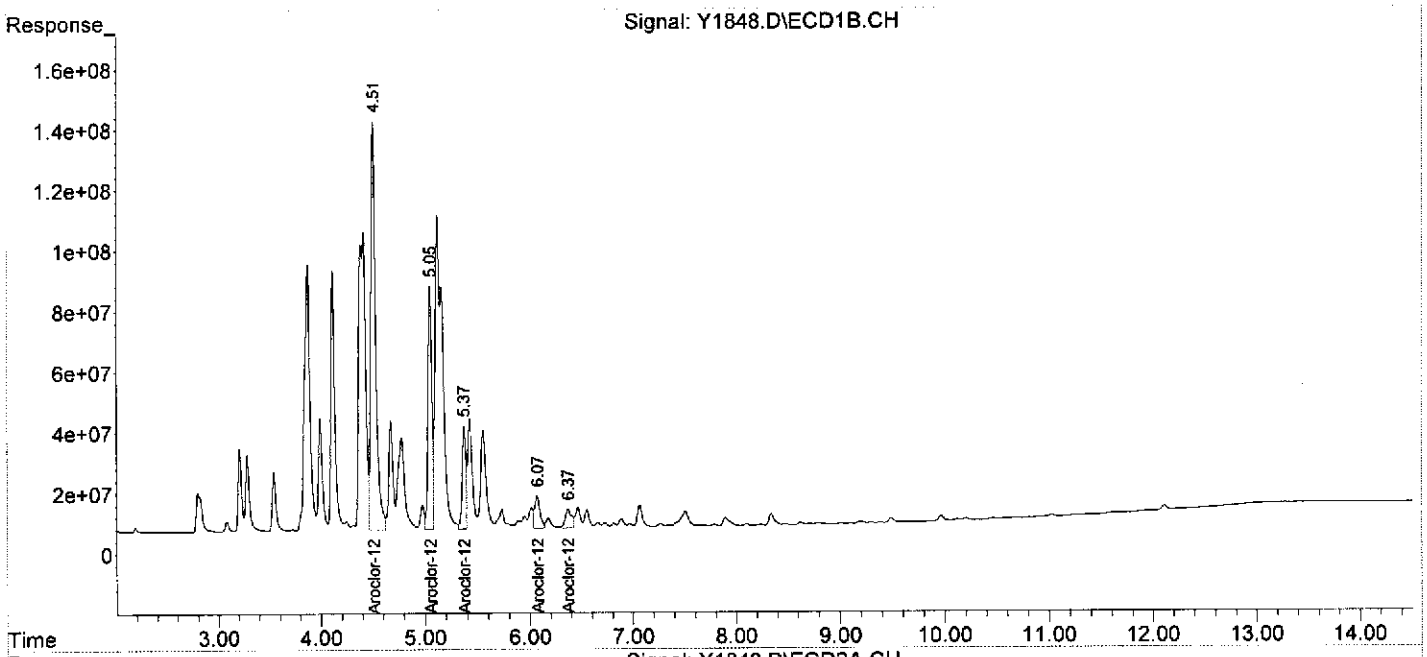
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

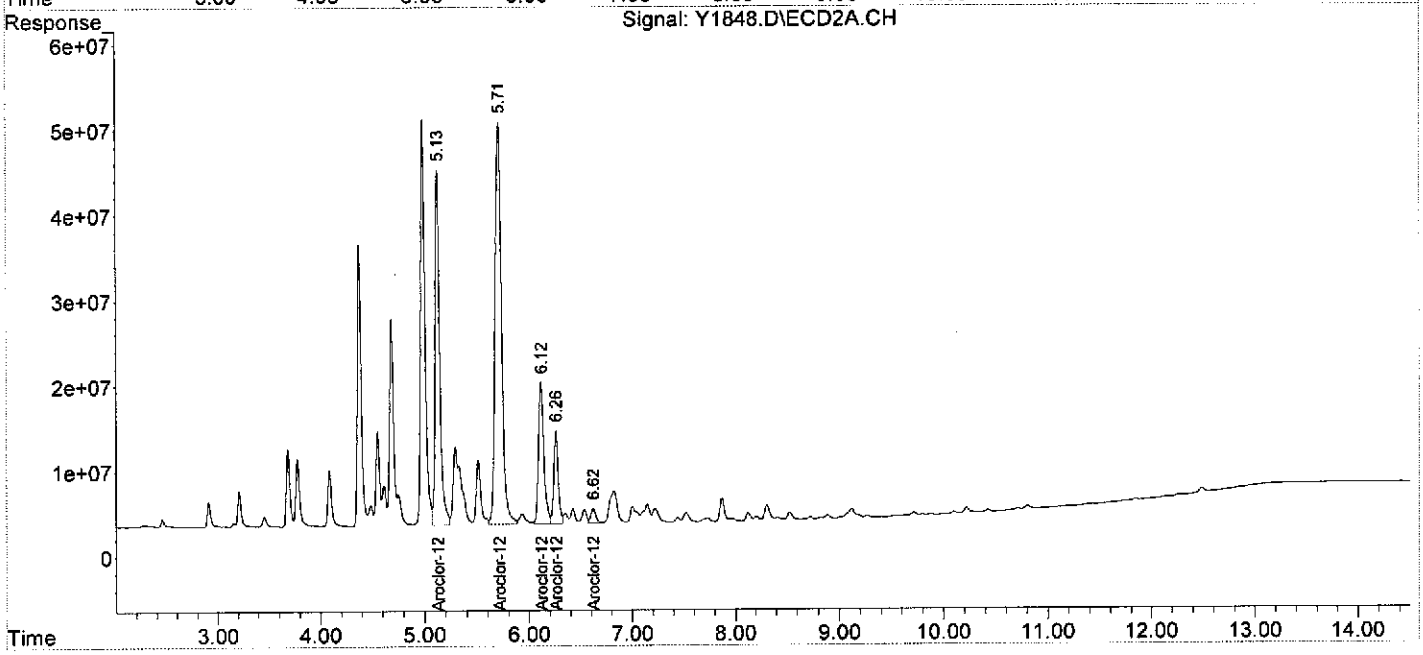
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : Y1848.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 19:58
Operator : YG
Sample : O-18_(2.0-,09199-035,S,5.35g,26.0,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,100
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 11:42:01 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1823.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 2:46
Operator : IB
Sample : O-18_(4.0-,09199-036,S,5.83g,73.5,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:53:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	25528.6E6	7969.6E6	261.967	299.017
Spiked Amount 200.000			Recovery	=	130.98%	149.51%
2) S DCB	12.11	12.48	3969.6E6	1698.1E6	195.219	196.088
Spiked Amount 200.000			Recovery	=	97.61%	98.04%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.50	5.12	827.9E6	257.8E6	226.101	248.032
24) L6 Aroclor-1248 {2}	5.05	5.71	482.7E6	439.3E6	240.751	286.561
25) L6 Aroclor-1248 {3}	5.37	6.11	324.9E6	189.5E6	130.216	174.598 #
26) L6 Aroclor-1248 {4}	6.07	6.26	105.8E6	63758856	23.383	64.779 #
27) L6 Aroclor-1248 {5}	0.00	6.61	0	17087727	N.D. d	31.882 #
Sum Aroclor-1248			1741.4E6	967.4E6	620.451	805.853
Average Aroclor-1248					155.113	161.171
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

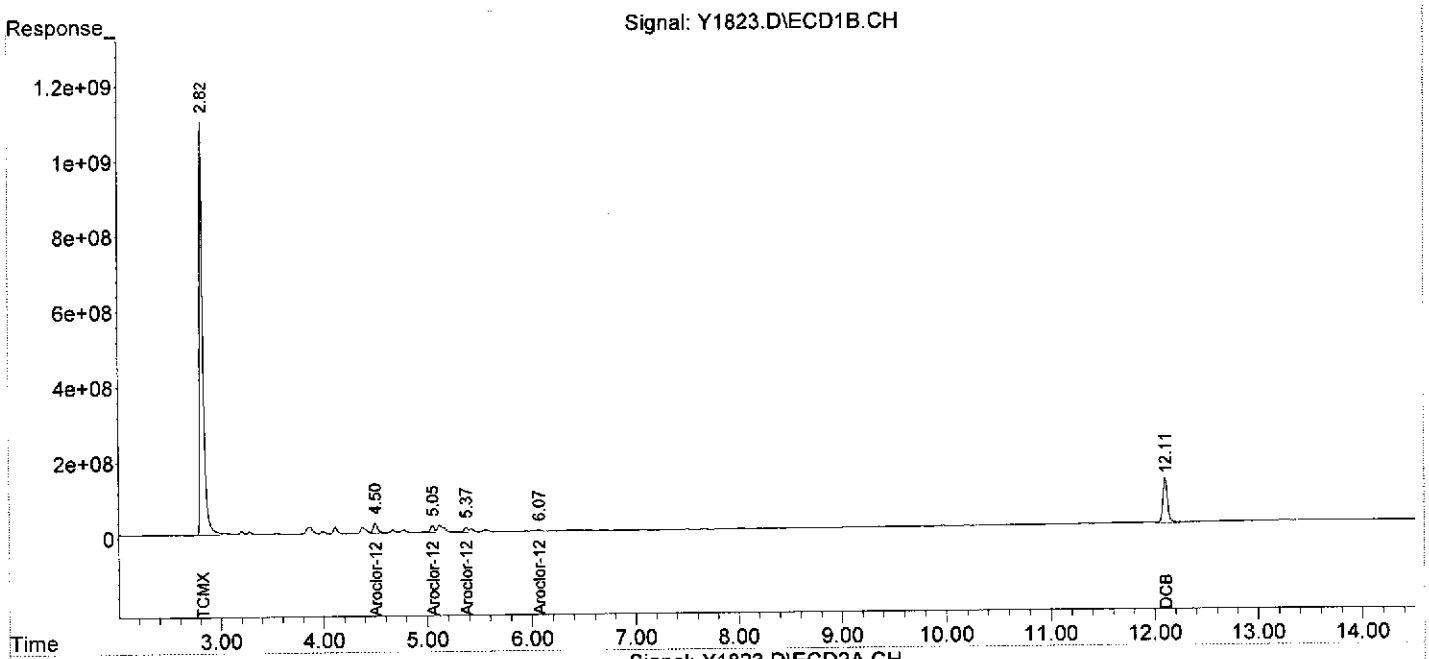
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

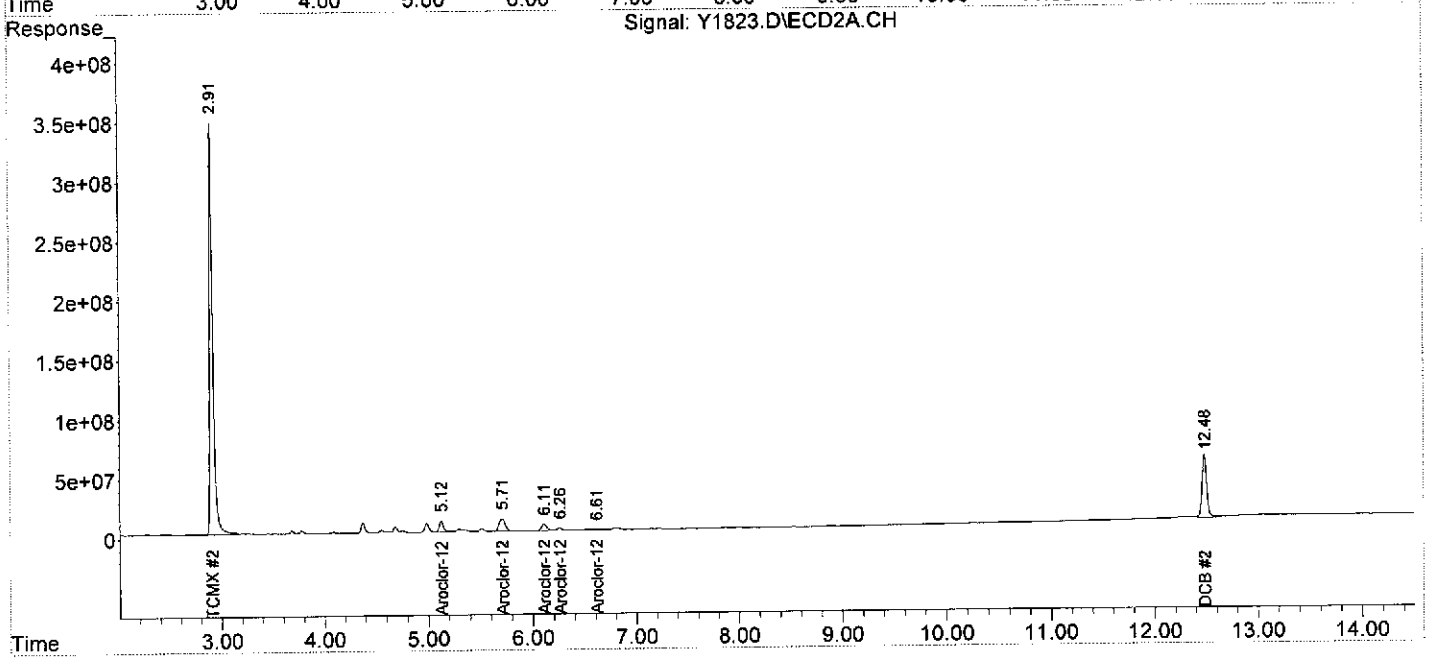
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1823.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 2:46
Operator : IB
Sample : O-18_(4.0-,09199-036,S,5.83g,73.5,09/14/12,4
Misc : 120914-04,09/11/12,09/11/12,1
ALS Vial : 46 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:53:31 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3792.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:19
Operator : IB
Sample : O-18_(5.0-,09199-037,S,5.73g,20.7,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:44:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.39	32354.8E6	27637.6E6	213.868	197.353
Spiked Amount 200.000			Recovery	=	106.93%	98.68%
2) S DCB	13.10	13.15	7863.3E6	5457.0E6	152.295m	187.141m
Spiked Amount 200.000			Recovery	=	76.15%	93.57%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.29	5.68	943.1E6	797.2E6	123.423	132.638
24) L6 Aroclor-1248 {2}	5.86	6.28	647.0E6	1362.4E6	154.606	161.716
25) L6 Aroclor-1248 {3}	6.20	6.69	410.2E6	652.6E6	97.206	101.729
26) L6 Aroclor-1248 {4}	6.93	6.84	51578601	160.2E6	5.977	29.671 #
27) L6 Aroclor-1248 {5}	7.21	7.20	35882207	36648380	5.100	11.794 #
Sum Aroclor-1248			2087.7E6	3009.1E6	386.312	437.548
Average Aroclor-1248					77.262	87.510
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

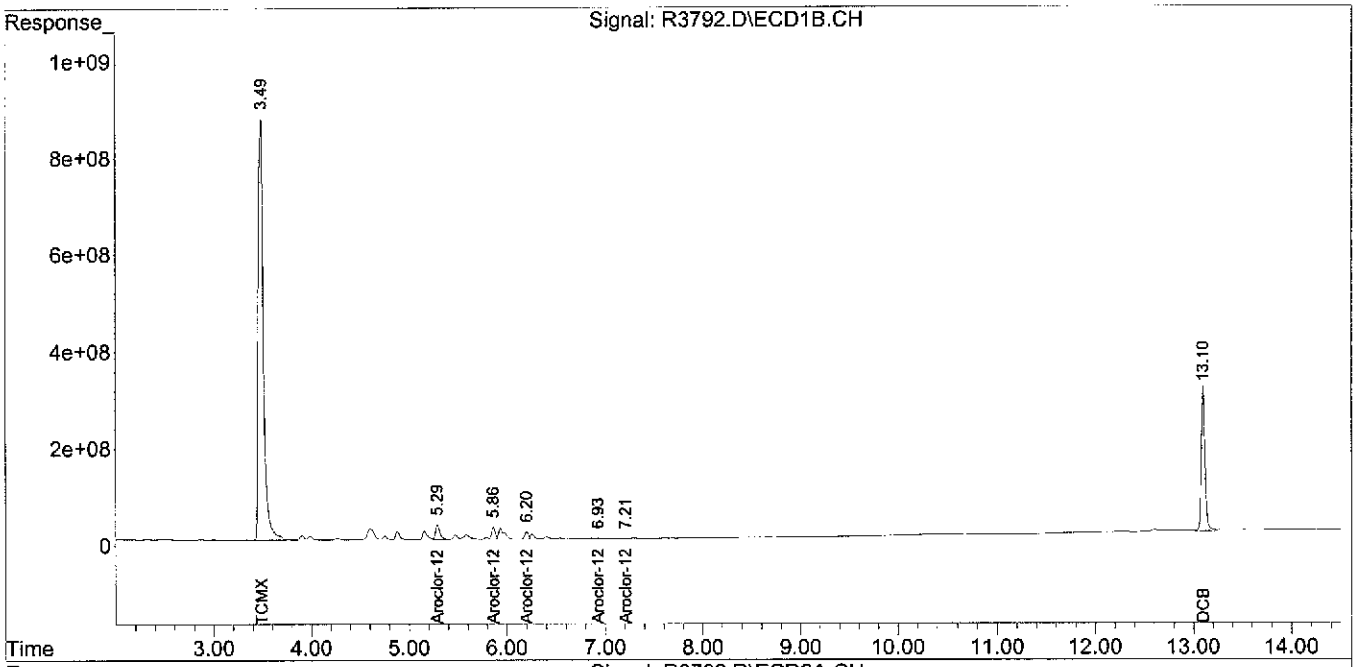
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

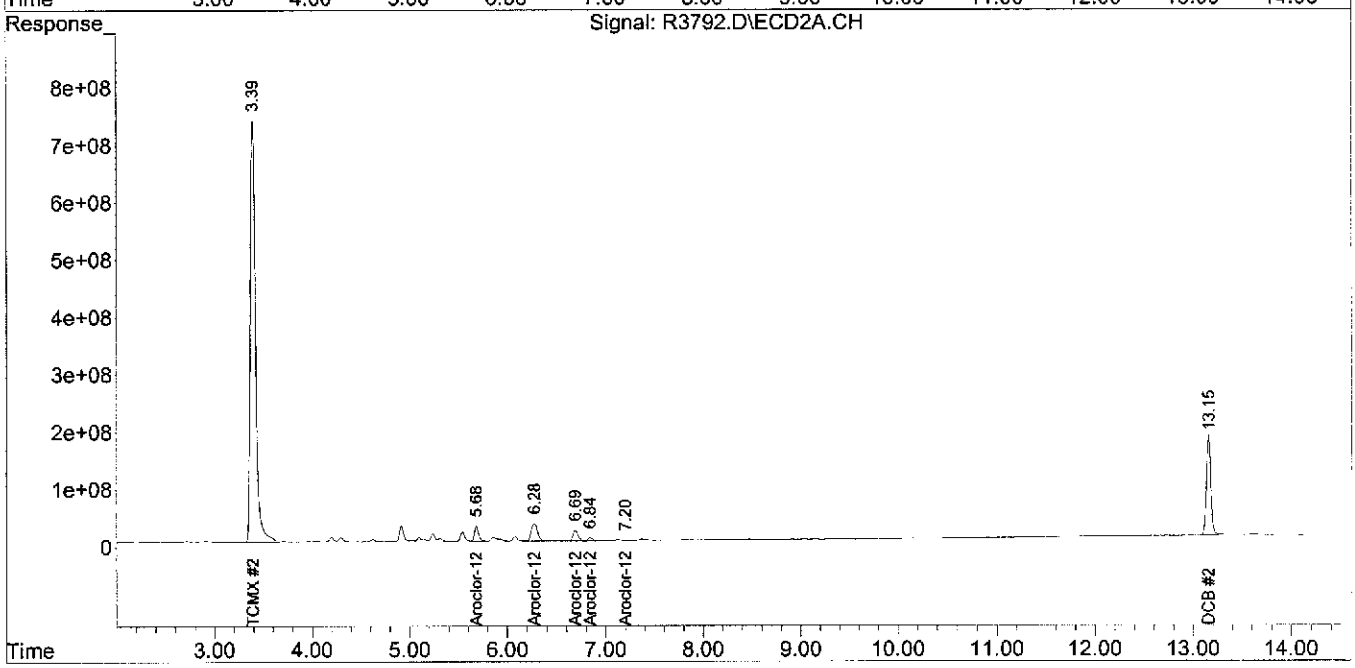
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3792.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:19
Operator : IB
Sample : O-18_(5.0-,09199-037,S,5.73g,20.7,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:44:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : R3843.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:21
Operator : YG
Sample : O-19_(0-2.,09199-038,S,5.41g,8.50,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 14:19:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	5.30	5.68	789.1E6	695.2E6	103.271	115.673	
24) L6 Aroclor-1248 {2}	5.86	6.28	509.3E6	1382.1E6	121.697	164.057	#
25) L6 Aroclor-1248 {3}	6.20	6.69	502.8E6	830.1E6	119.151	129.390	
26) L6 Aroclor-1248 {4}	6.92	6.84	1398.6E6	792.2E6	162.073	146.720	
27) L6 Aroclor-1248 {5}	7.21	7.20	898.2E6	497.4E6	127.671	160.060	#
Sum Aroclor-1248			4098.0E6	4197.0E6	633.864	715.900	
Average Aroclor-1248					126.773	143.180	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

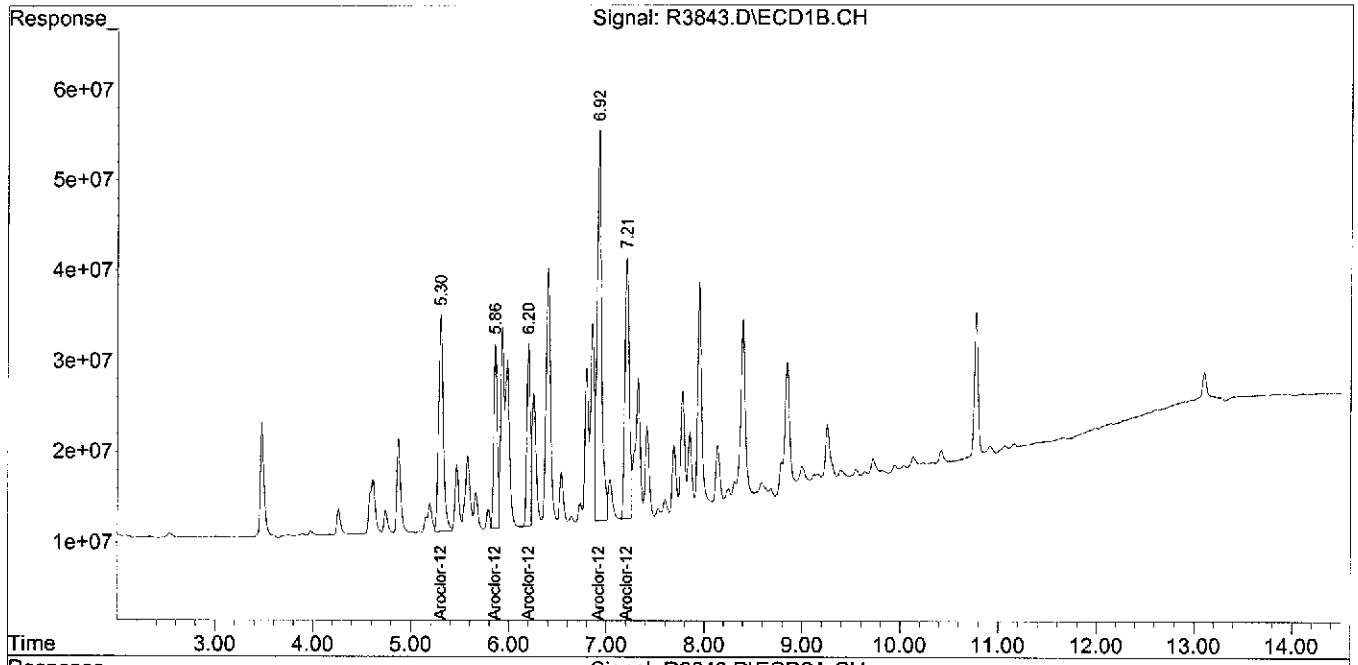
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

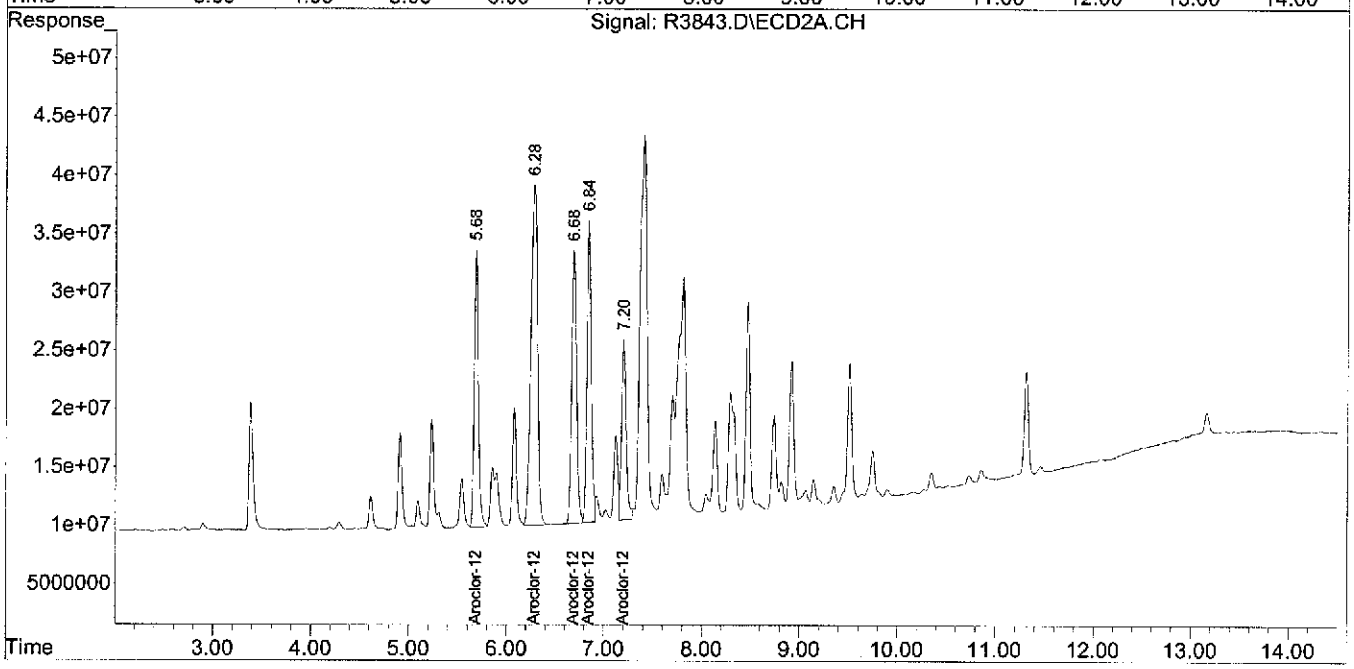
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : R3843.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:21
Operator : YG
Sample : O-19_(0-2.,09199-038,S,5.41g,8.50,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,100
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 14:19:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3794.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:54
Operator : IB
Sample : O-19_(2.0-,09199-039,S,5.22g,28.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:48:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	25209.1E6	22611.1E6	166.635	161.460
Spiked Amount 200.000			Recovery	=	83.32%	80.73%
2) S DCB	13.10	13.15	6678.7E6	4910.4E6	129.353m	168.396 #
Spiked Amount 200.000			Recovery	=	64.68%	84.20%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	13812.2E6	11483.7E6	1807.636	1910.757
24) L6 Aroclor-1248 {2}	5.86	6.29	4475.0E6	16640.7E6	1069.341	1975.239 #
25) L6 Aroclor-1248 {3}	6.20	6.70	1009.5E6	2990.9E6	239.233	466.200 #
26) L6 Aroclor-1248 {4}	6.93	6.84	2120.6E6	3011.5E6	245.730	557.763 #
27) L6 Aroclor-1248 {5}	7.22	7.20	1104.4E6	930.3E6	156.967	299.397 #
Sum Aroclor-1248			22521.6E6	35057.2E6	3518.907	5209.355
Average Aroclor-1248					703.781	1041.871
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

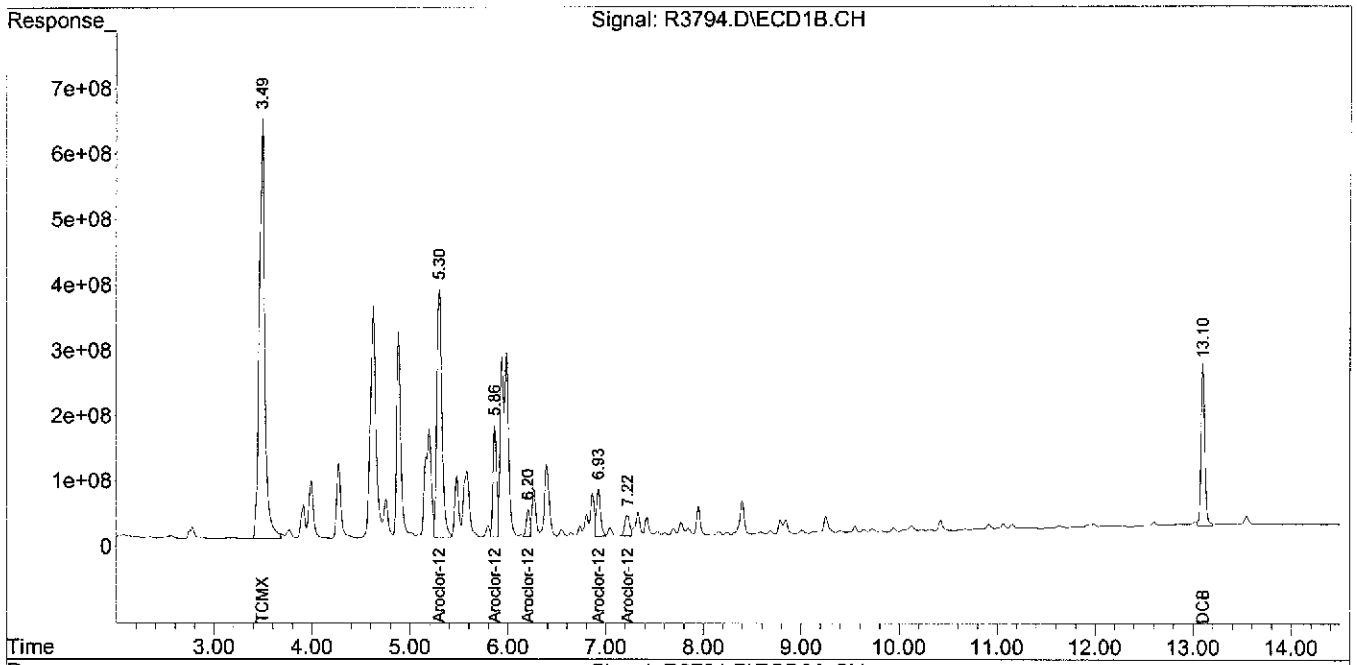
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

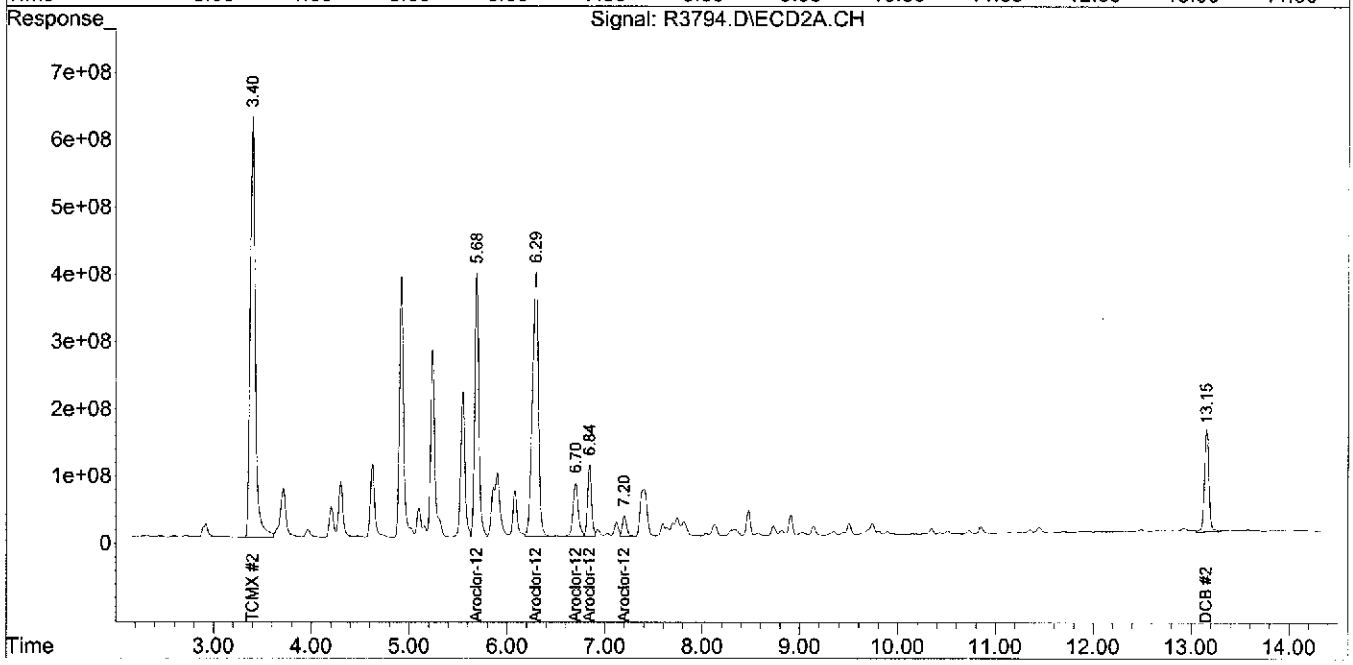
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3794.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:54
Operator : IB
Sample : O-19_(2.0-,09199-039,S,5.22g,28.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:48:52 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3795.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 16:11
Operator : IB
Sample : O-19_(4.0-,09199-040,S,5.09g,74.6,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:52:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
1) S TCMX	3.49	3.40	35988.0E6	32767.7E6	237.884	233.986	
Spiked Amount 200.000			Recovery	=	118.94%	116.99%	
2) S DCB	13.10	13.15	9567.3E6	6557.8E6	185.299m	224.892m	
Spiked Amount 200.000			Recovery	=	92.65%	112.45%	
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	5.30	5.68	229.2E6	224.9E6	29.990	37.419	
24) L6 Aroclor-1248 {2}	5.86	6.28	143.0E6	323.8E6	34.163	38.433	
25) L6 Aroclor-1248 {3}	6.21	6.69	62107021	133.8E6	14.718	20.857	#
26) L6 Aroclor-1248 {4}	6.93	6.84	138.1E6	90487405	16.008	16.759	
27) L6 Aroclor-1248 {5}	7.24	7.20	262.4E6	82392583	37.303m	26.515	#
Sum Aroclor-1248			834.8E6	855.4E6	132.182	139.983	
Average Aroclor-1248					26.436	27.997	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

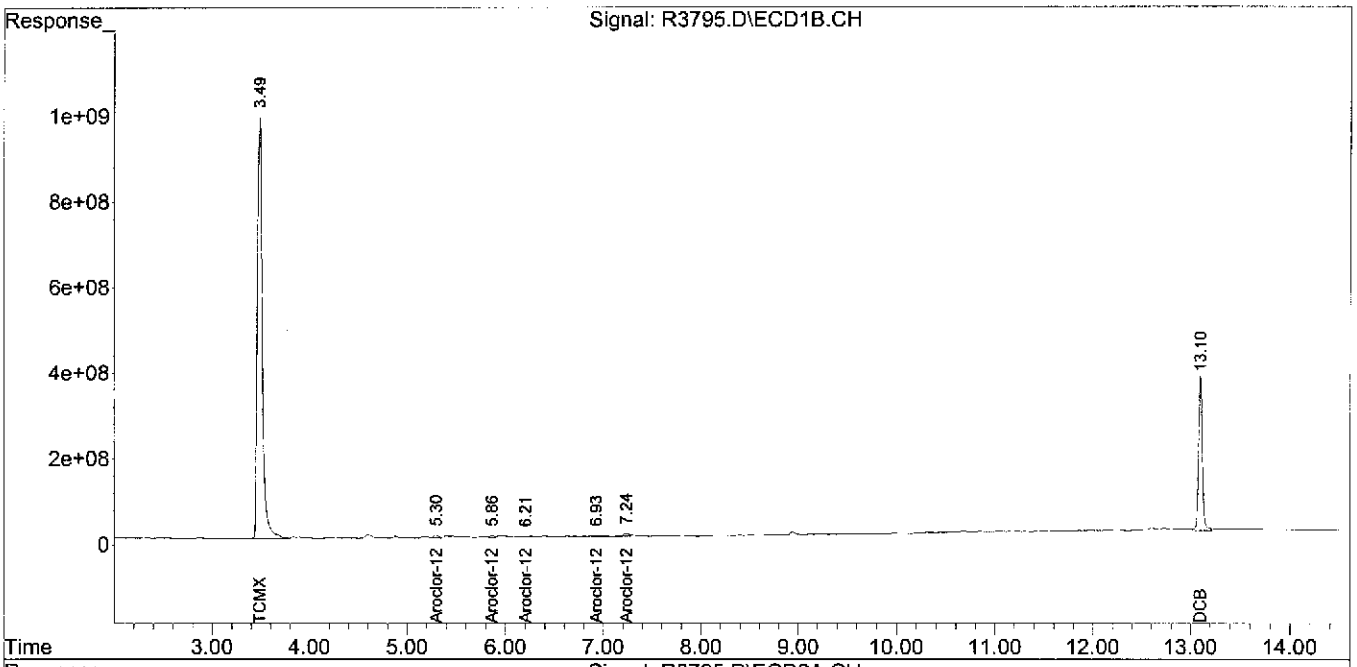
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

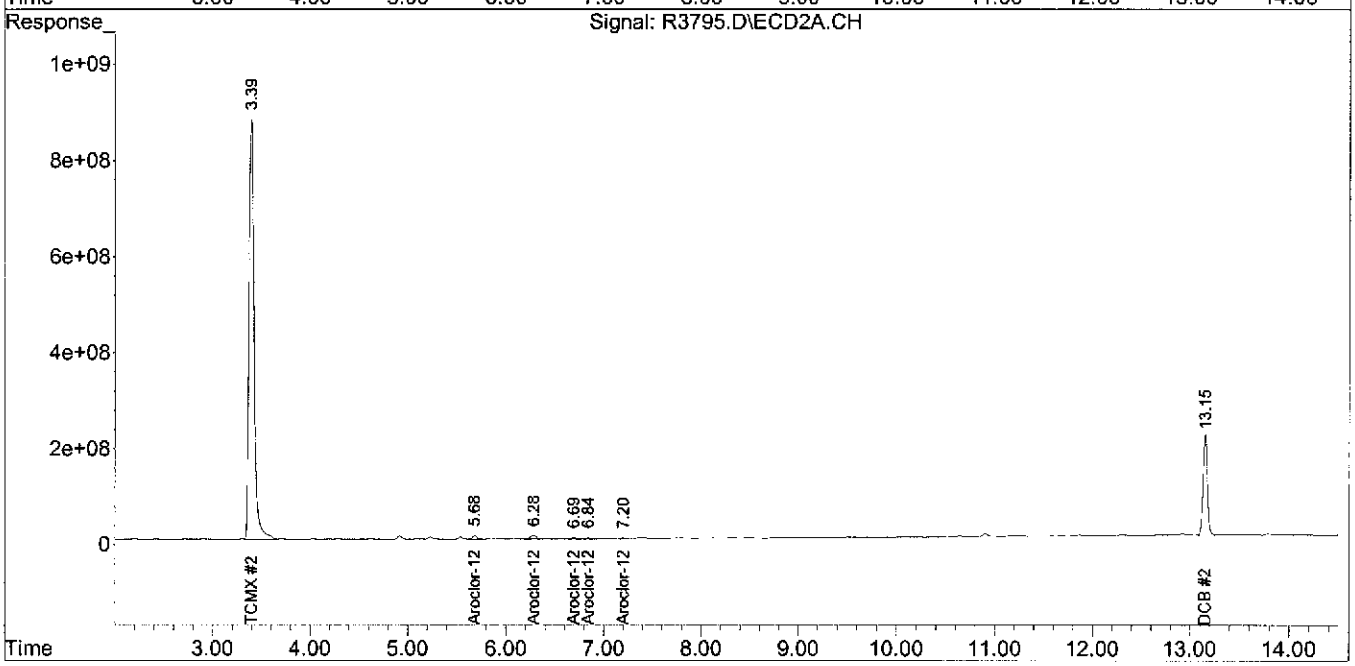
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3795.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 16:11
Operator : IB
Sample : O-19_(4.0-,09199-040,S,5.09g,74.6,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:52:32 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3796.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 16:29
Operator : IB
Sample : O-19_(5.0-,09199-041,S,5.06g,22.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:55:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	32527.7E6	27407.5E6	215.011	195.710
Spiked Amount 200.000			Recovery	=	107.51%	97.86%
2) S DCB	13.10	13.15	7763.7E6	5574.0E6	150.368	191.153 #
Spiked Amount 200.000			Recovery	=	75.18%	95.58%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

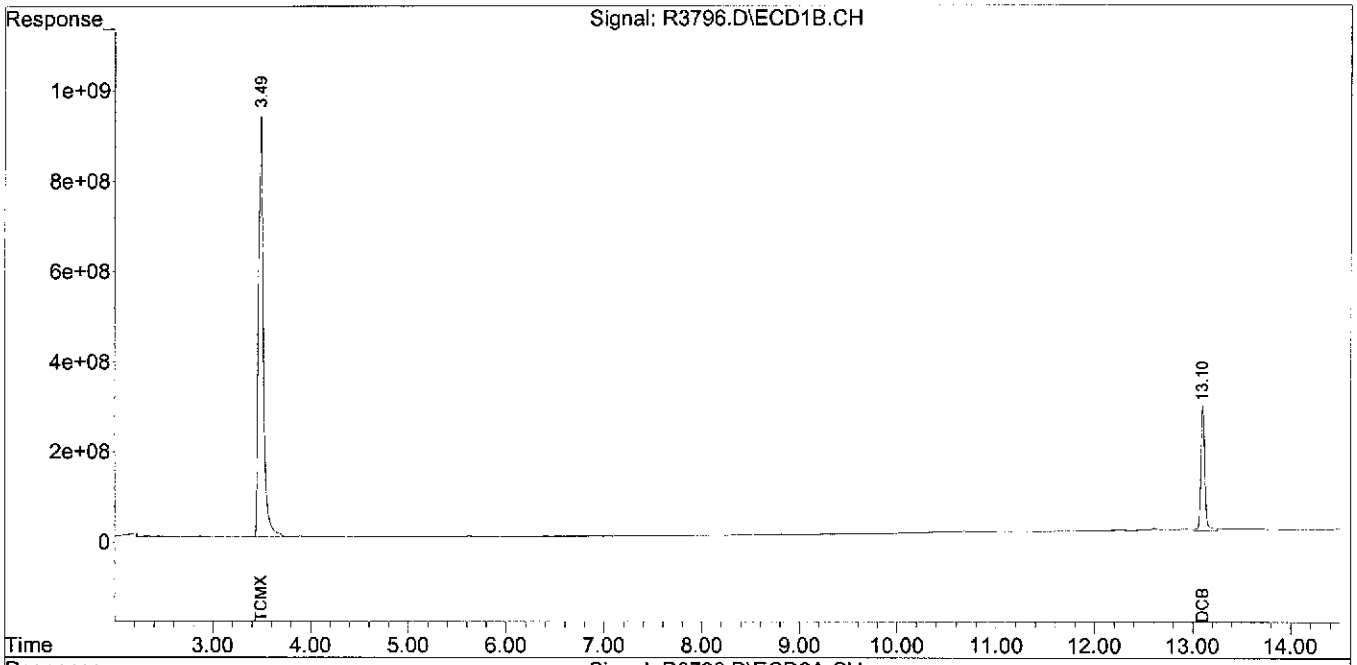
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

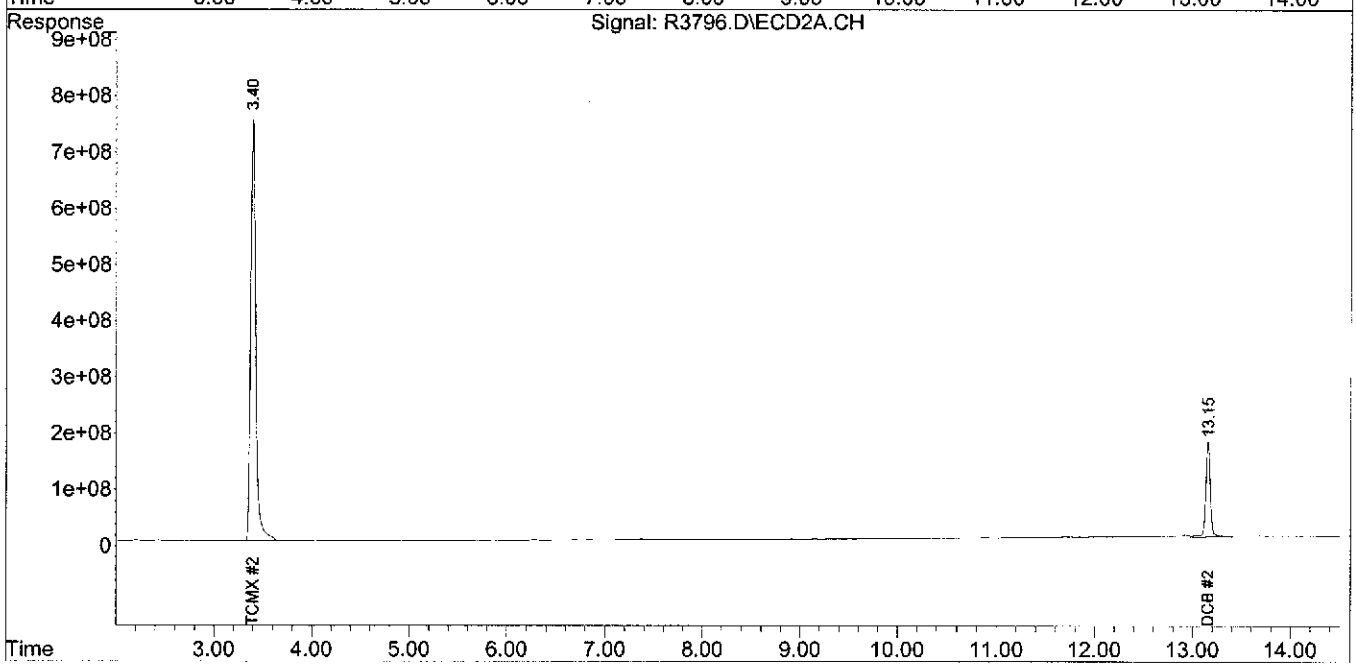
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3796.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 16:29
Operator : IB
Sample : O-19_(5.0-,09199-041,S,5.06g,22.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:55:29 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3797.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 16:46
Operator : IB
Sample : O-21_(0-2.,09199-042,S,5.16g,15.3,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:56:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	28944.0E6	25787.3E6	191.322	184.141
Spiked Amount 200.000			Recovery	=	95.66%	92.07%
2) S DCB	13.10	13.15	7653.6E6	4803.7E6	148.235m	164.737m
Spiked Amount 200.000			Recovery	=	74.12%	82.37%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	202.2E6	220.3E6	26.463	36.650 #
24) L6 Aroclor-1248 {2}	5.87	6.28	172.9E6	499.8E6	41.318	59.324 #
25) L6 Aroclor-1248 {3}	6.20	6.69	197.1E6	402.3E6	46.699	62.701 #
26) L6 Aroclor-1248 {4}	6.93	6.84	567.4E6	504.8E6	65.749	93.491 #
27) L6 Aroclor-1248 {5}	7.21	7.20	469.0E6	352.3E6	66.659	113.360 #
Sum Aroclor-1248			1608.6E6	1979.4E6	246.889	365.526
Average Aroclor-1248					49.378	73.105
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

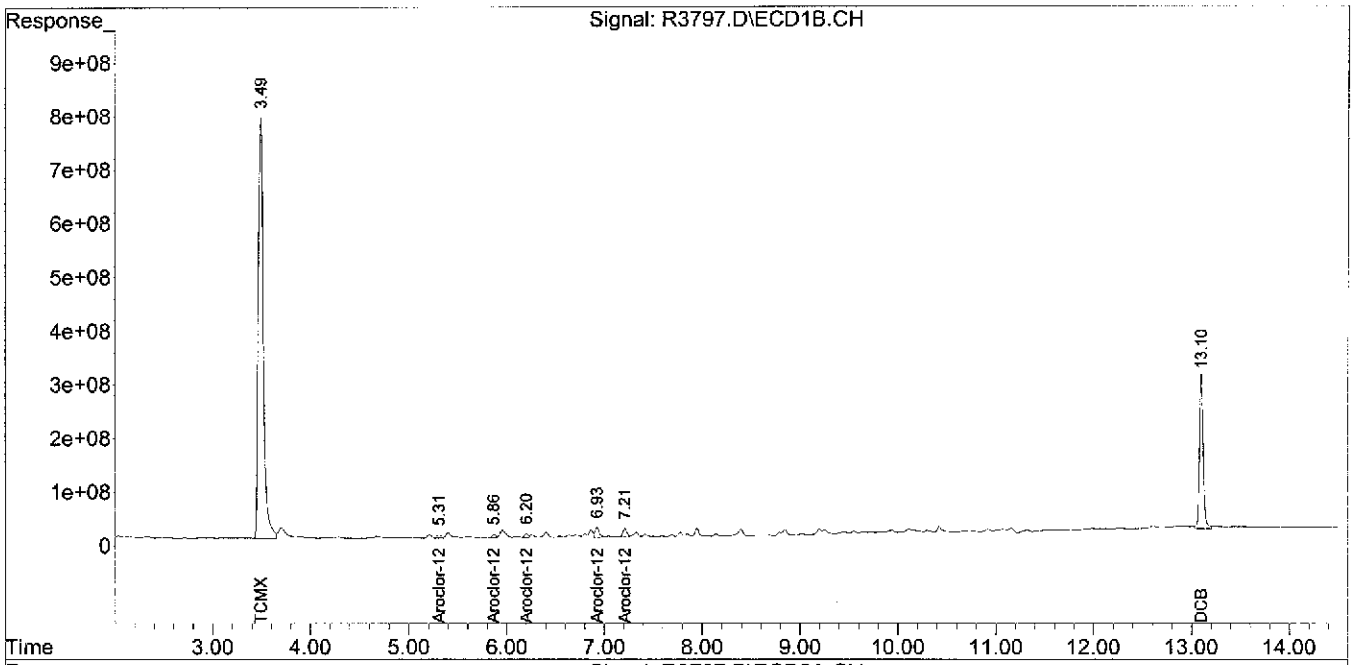
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

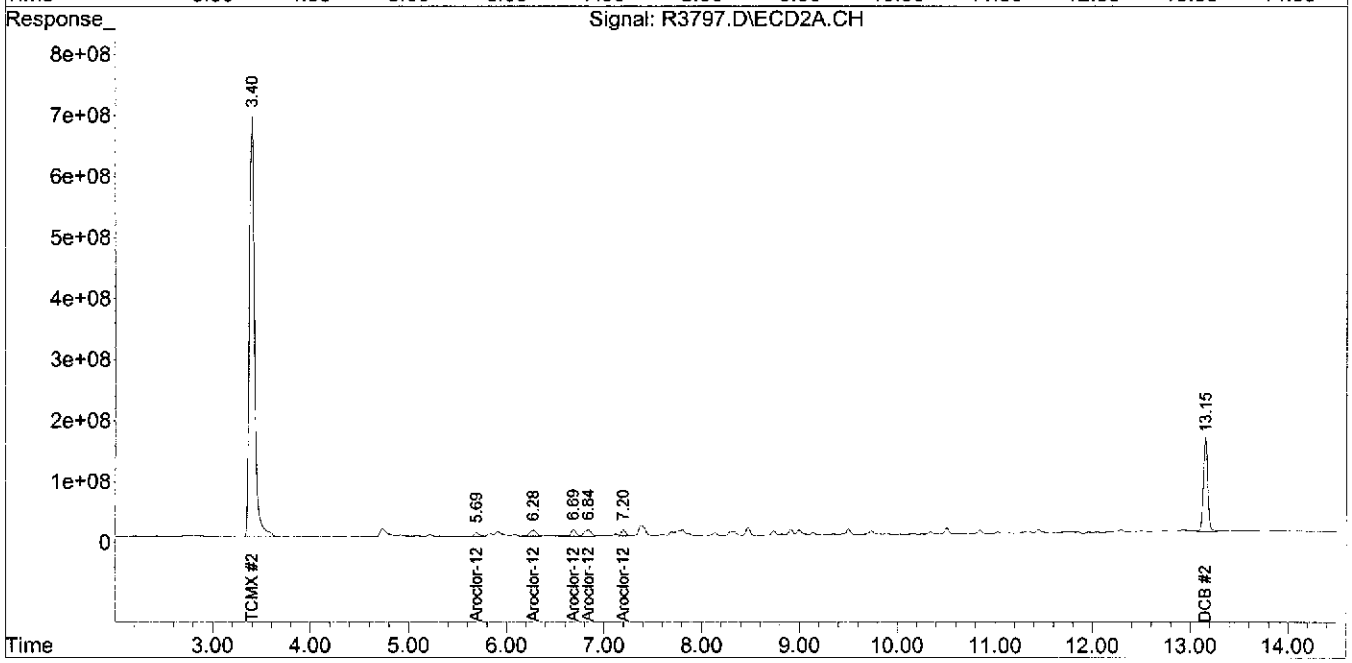
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3797.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 16:46
Operator : IB
Sample : O-21_(0-2.,09199-042,S,5.16g,15.3,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 8 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:56:26 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3798.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:04
Operator : IB
Sample : O-21_(2.0-,09199-043,S,5.24g,16.0,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:57:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	32106.7E6	27232.4E6	212.228	194.460
Spiked Amount 200.000			Recovery	=	106.11%	97.23%
2) S DCB	13.10	13.15	8114.3E6	5164.3E6	157.157m	177.103
Spiked Amount 200.000			Recovery	=	78.58%	88.55%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

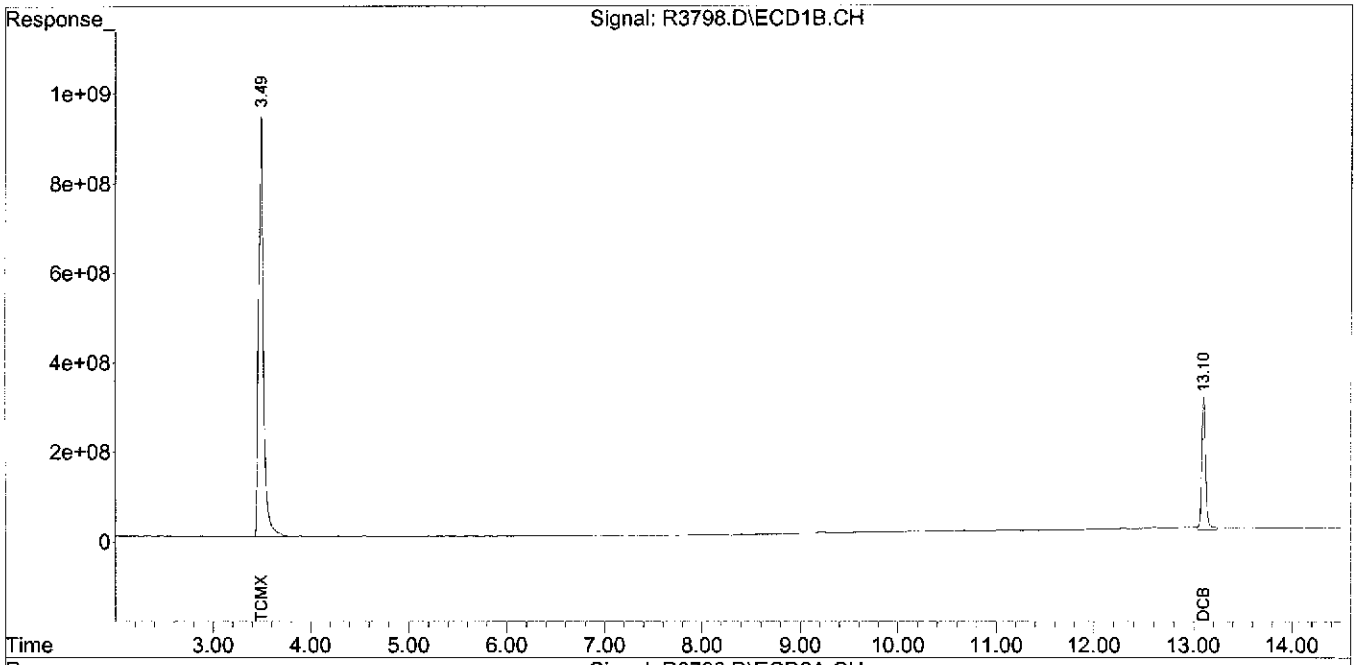
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

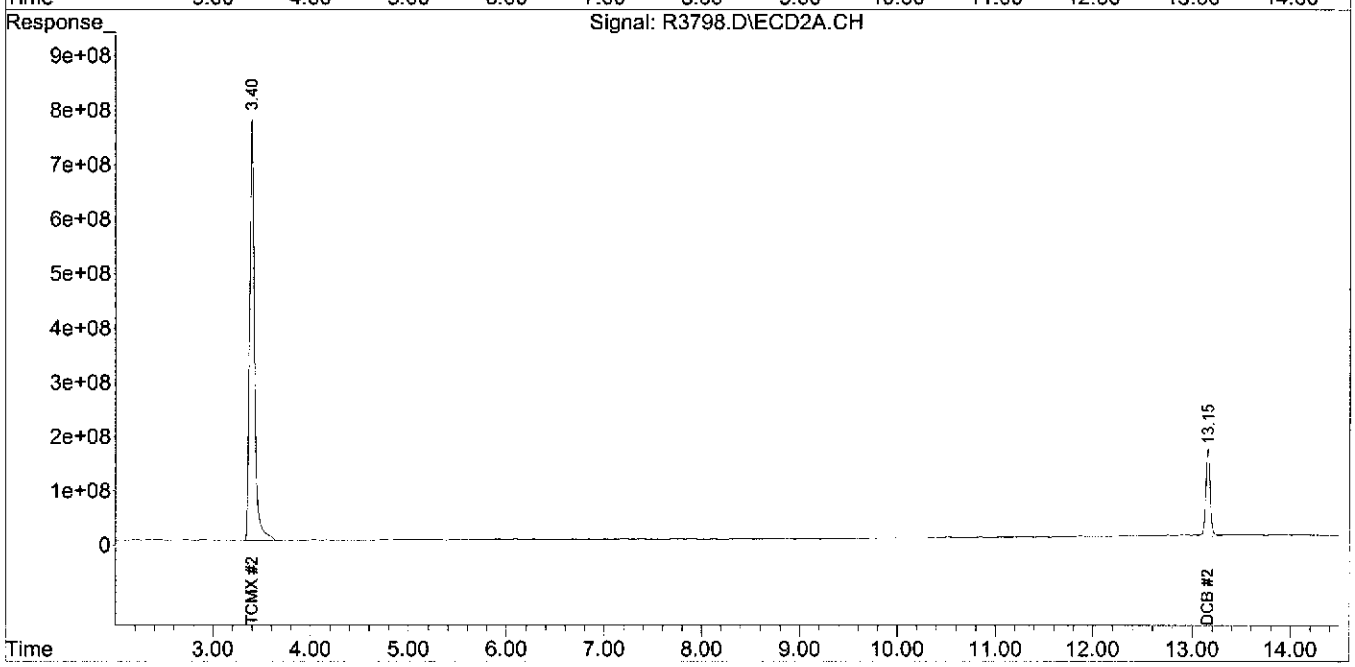
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3798.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:04
Operator : IB
Sample : O-21_(2.0-,09199-043,S,5.24g,16.0,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:57:07 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3799.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:21
Operator : IB
Sample : O-21_(4.0-,09199-044,S,5.16g,75.7,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:57:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	36893.0E6	33359.5E6	243.866	238.212
Spiked Amount 200.000			Recovery	=	121.93%	119.11%
2) S DCB	13.10	13.15	10663.0E6	6611.4E6	206.521	226.729
Spiked Amount 200.000			Recovery	=	103.26%	113.36%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

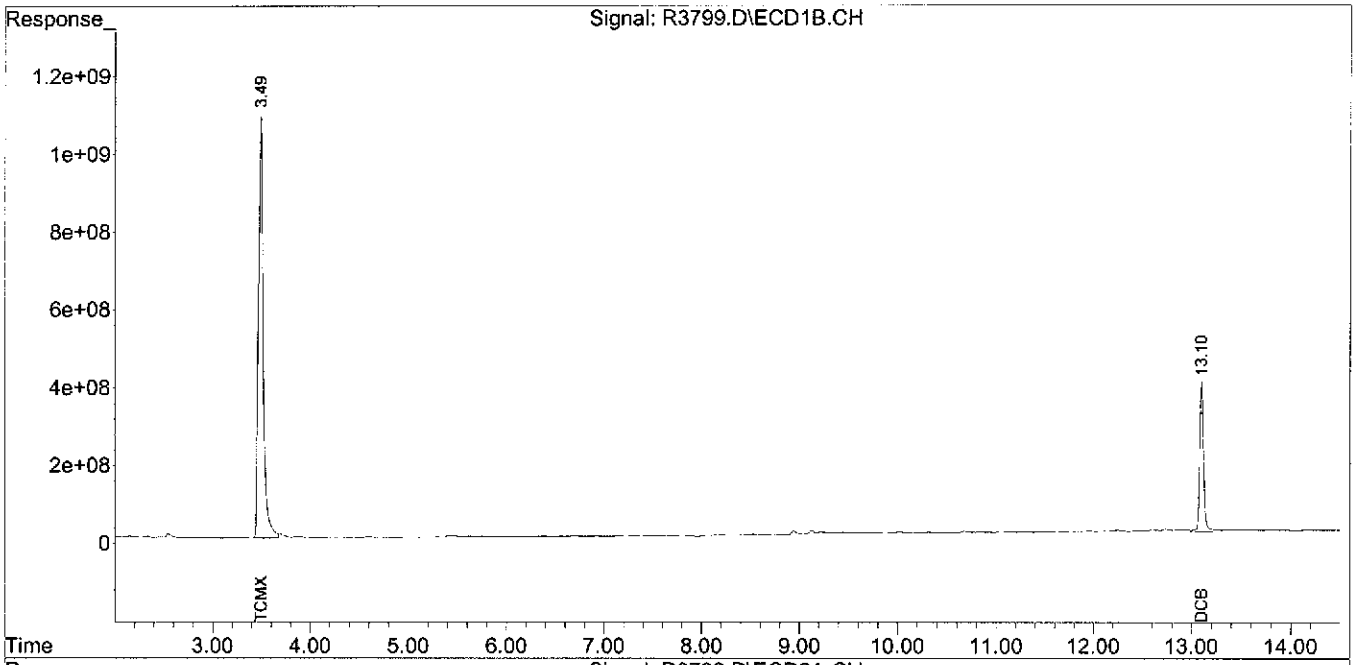
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

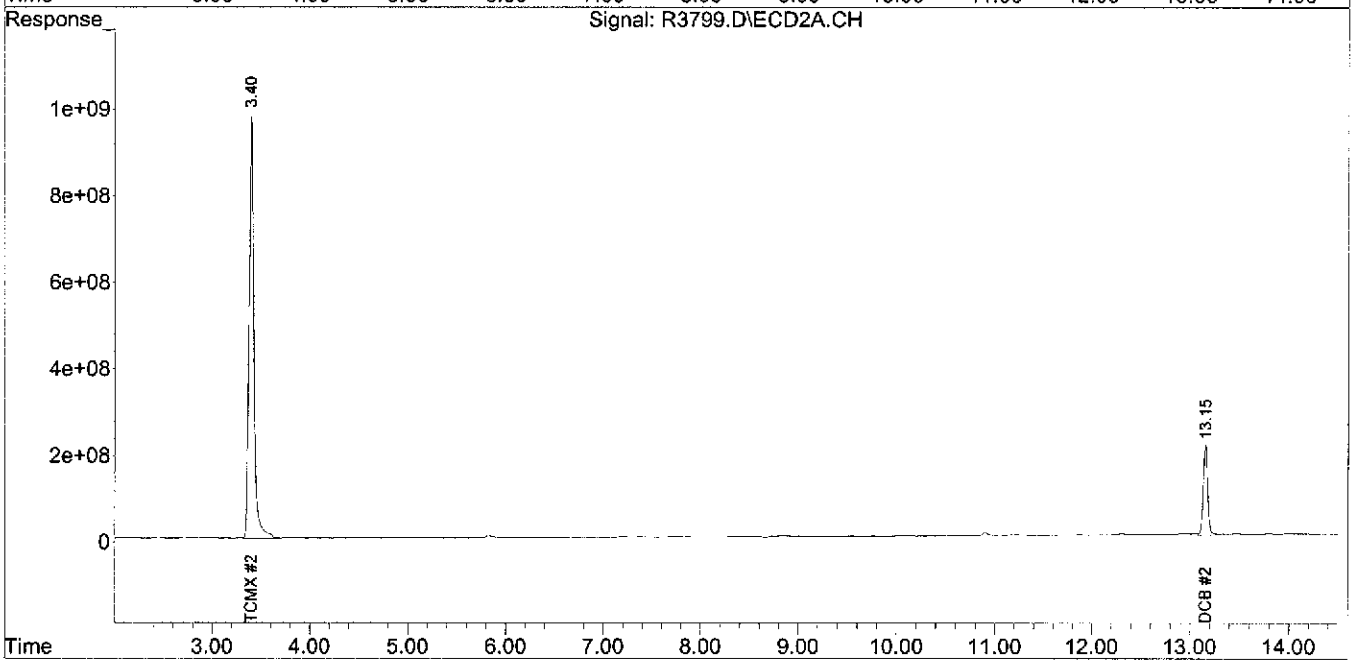
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3799.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:21
Operator : IB
Sample : O-21_(4.0-,09199-044,S,5.16g,75.7,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:57:50 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3800.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:39
Operator : IB
Sample : O-21_(5.0-,09199-045,S,5.59g,24.8,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:58:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	35956.2E6	27988.2E6	237.674	199.857
Spiked Amount 200.000			Recovery	=	118.84%	99.93%
2) S DCB	13.10	13.15	8276.8E6	5403.7E6	160.305	185.311
Spiked Amount 200.000			Recovery	=	80.15%	92.66%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

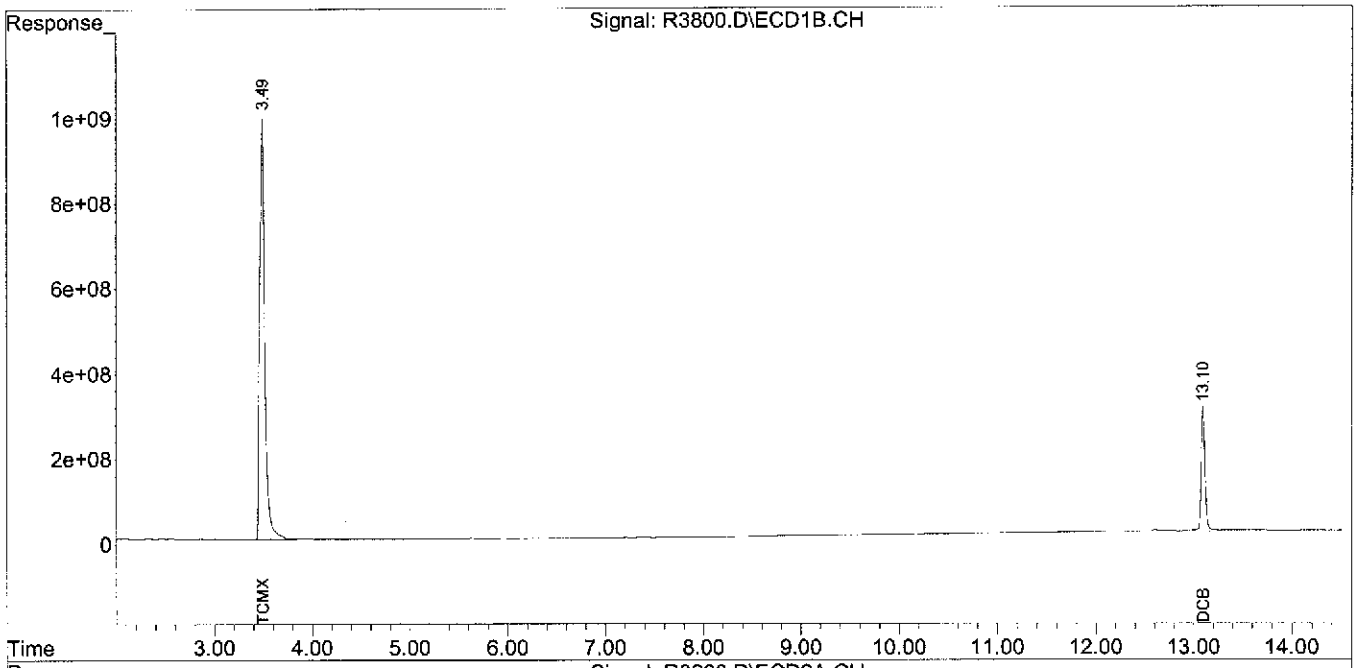
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

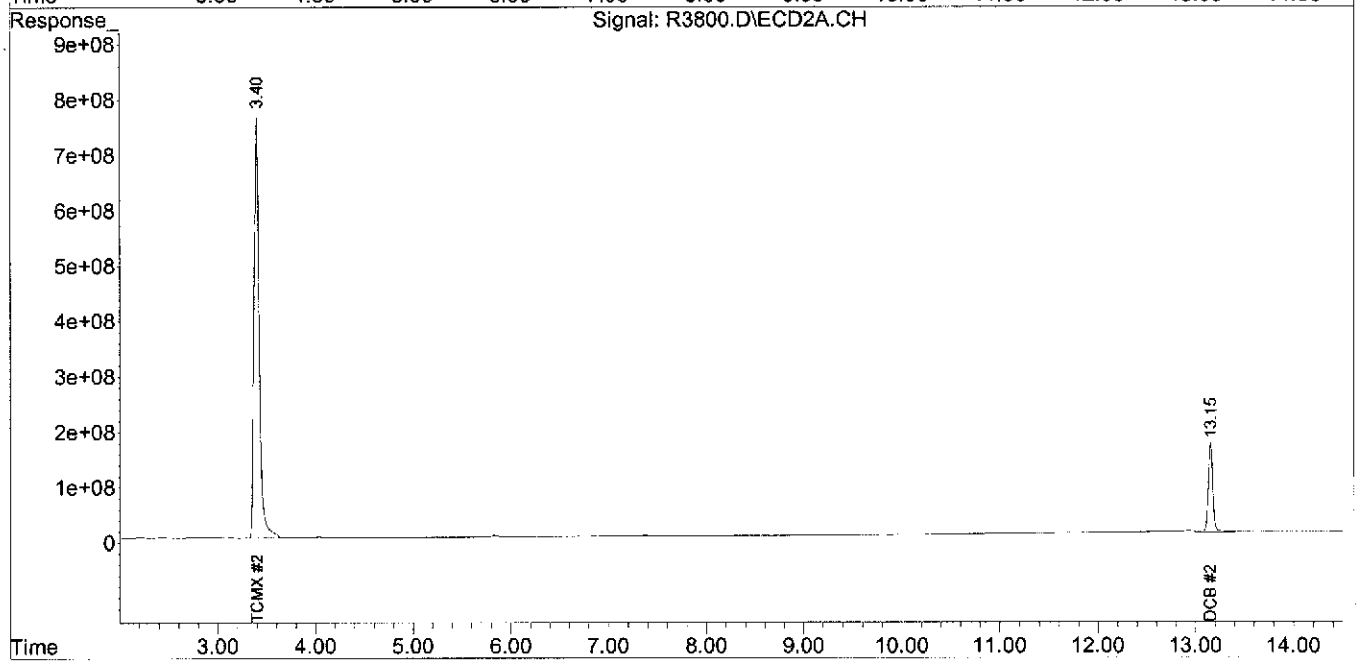
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3800.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:39
Operator : IB
Sample : O-21_(5.0-,09199-045,S,5.59g,24.8,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:58:13 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3801.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:56
Operator : IB
Sample : N-21_(0-2.,09199-046,S,5.51g,16.0,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:59:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
1) S TCMX	3.50	3.40	31327.6E6	27014.7E6	207.078	192.905	
Spiked Amount 200.000			Recovery	=	103.54%	96.45%	
2) S DCB	13.10	13.15	7259.3E6	5102.2E6	140.598m	174.973	
Spiked Amount 200.000			Recovery	=	70.30%	87.49%	
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	5.31	5.69	213.6E6	227.2E6	27.958	37.803	#
24) L6 Aroclor-1248 {2}	5.87	6.28	318.2E6	529.9E6	76.044	62.894	
25) L6 Aroclor-1248 {3}	6.21	6.69	231.7E6	479.1E6	54.919	74.678	#
26) L6 Aroclor-1248 {4}	6.93	6.84	528.7E6	324.4E6	61.267	60.080	
27) L6 Aroclor-1248 {5}	7.21	7.20	478.4E6	290.2E6	68.001	93.405	#
Sum Aroclor-1248			1770.7E6	1850.8E6	288.189	328.860	
Average Aroclor-1248					57.638	65.772	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

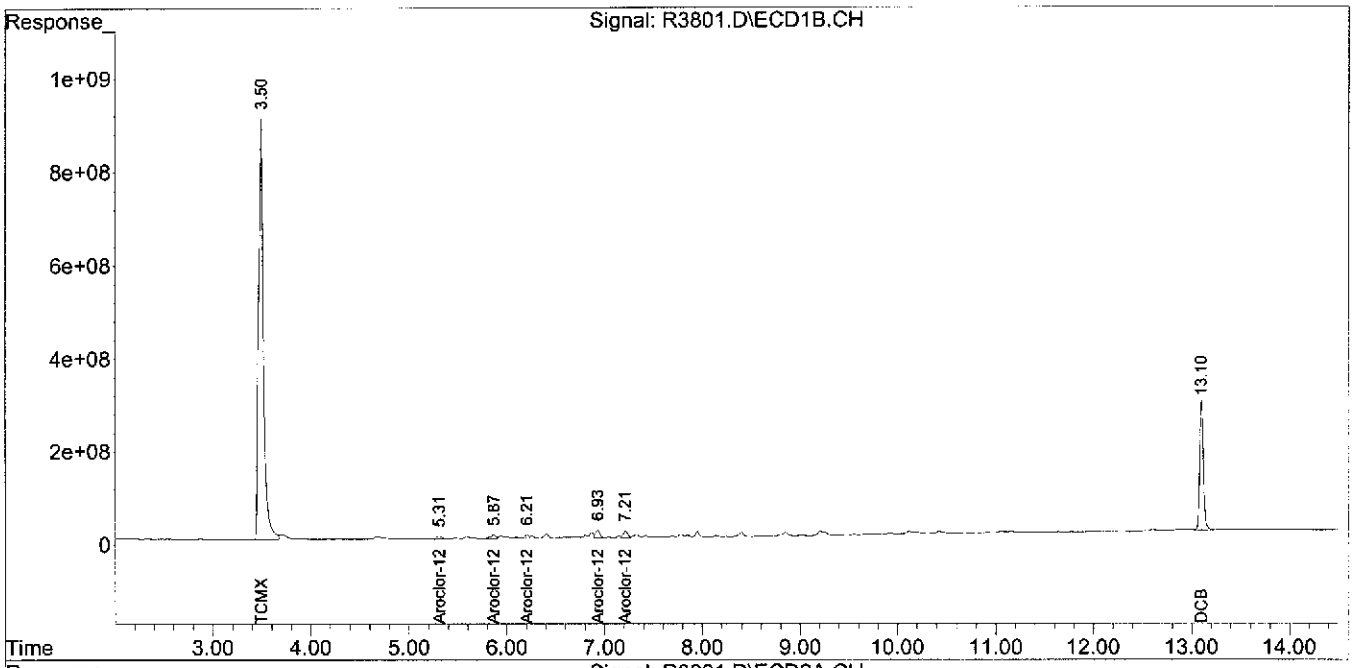
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

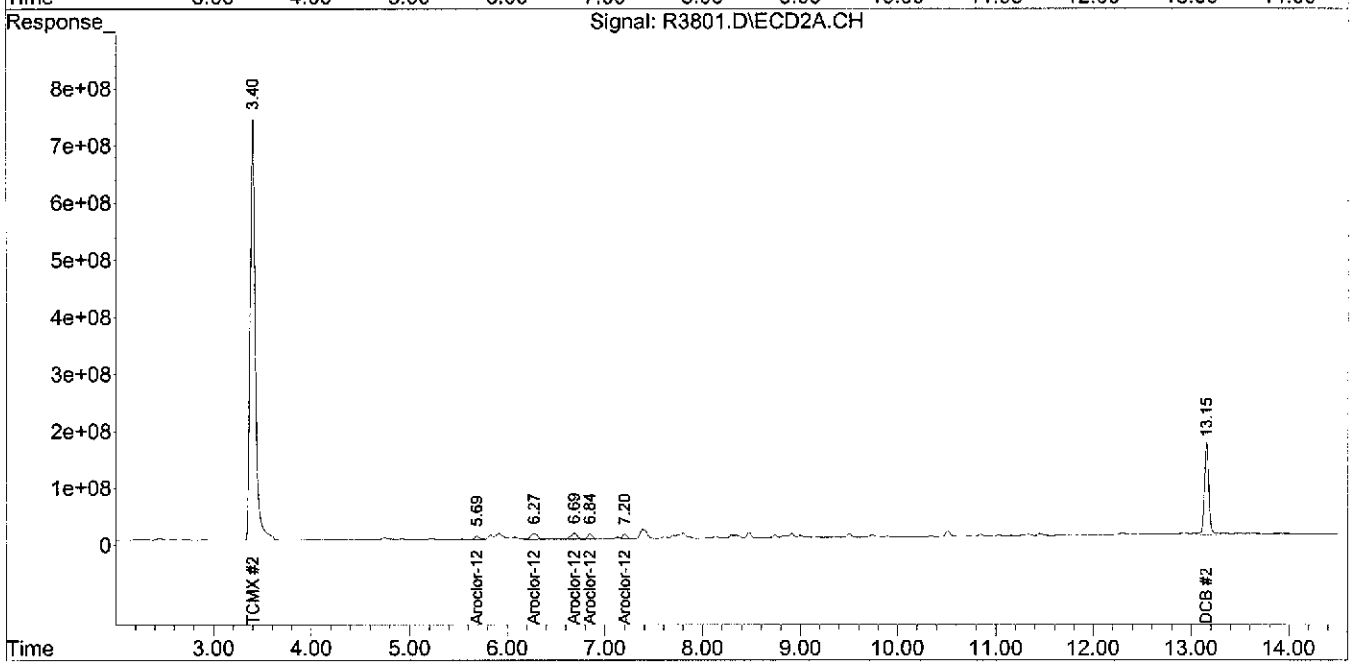
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3801.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 17:56
Operator : IB
Sample : N-21_(0-2.,09199-046,S,5.51g,16.0,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 12 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:59:02 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3802.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:13
Operator : IB
Sample : N-21_(2.0-,09199-047,S,5.68g,10.3,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:59:33 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.50	3.40	34250.4E6	28058.2E6	226.398	200.357
Spiked Amount 200.000			Recovery	=	113.20%	100.18%
2) S DCB	13.10	13.15	8055.0E6	5440.6E6	156.010m	186.580
Spiked Amount 200.000			Recovery	=	78.00%	93.29%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

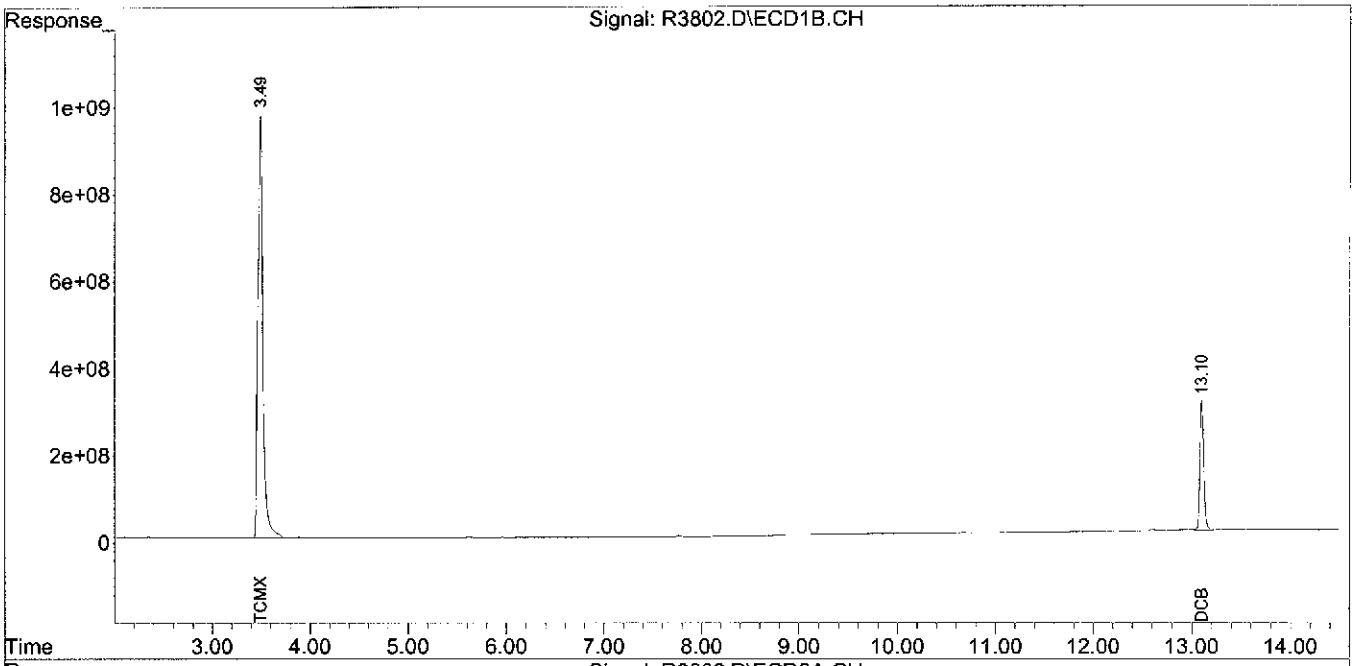
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

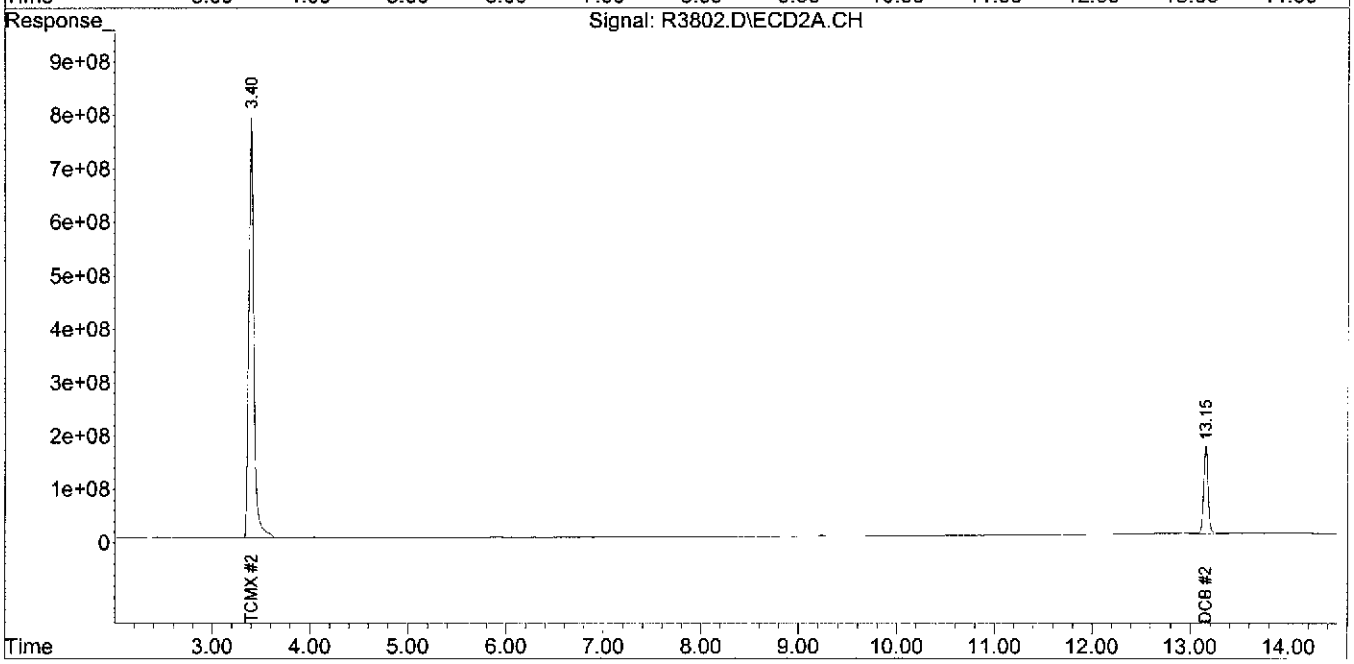
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3802.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:13
Operator : IB
Sample : N-21_(2.0-,09199-047,S,5.68g,10.3,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:59:33 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3803.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:31
Operator : IB
Sample : N-21_(4.0-,09199-048,S,5.93g,78.6,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:59:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.39	40775.7E6	35773.9E6	269.531	255.453
Spiked Amount 200.000			Recovery	=	134.77%	127.73%
2) S DCB	13.10	13.15	10565.9E6	7107.4E6	204.641m	243.738
Spiked Amount 200.000			Recovery	=	102.32%	121.87%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

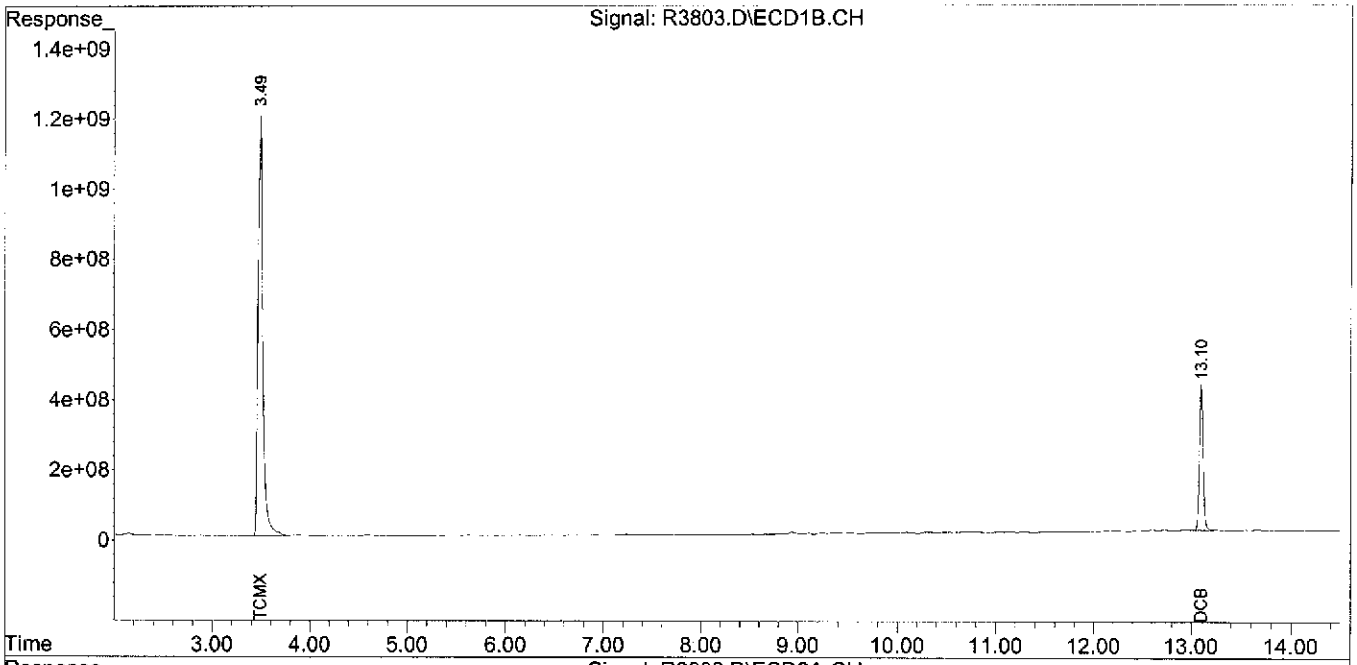
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

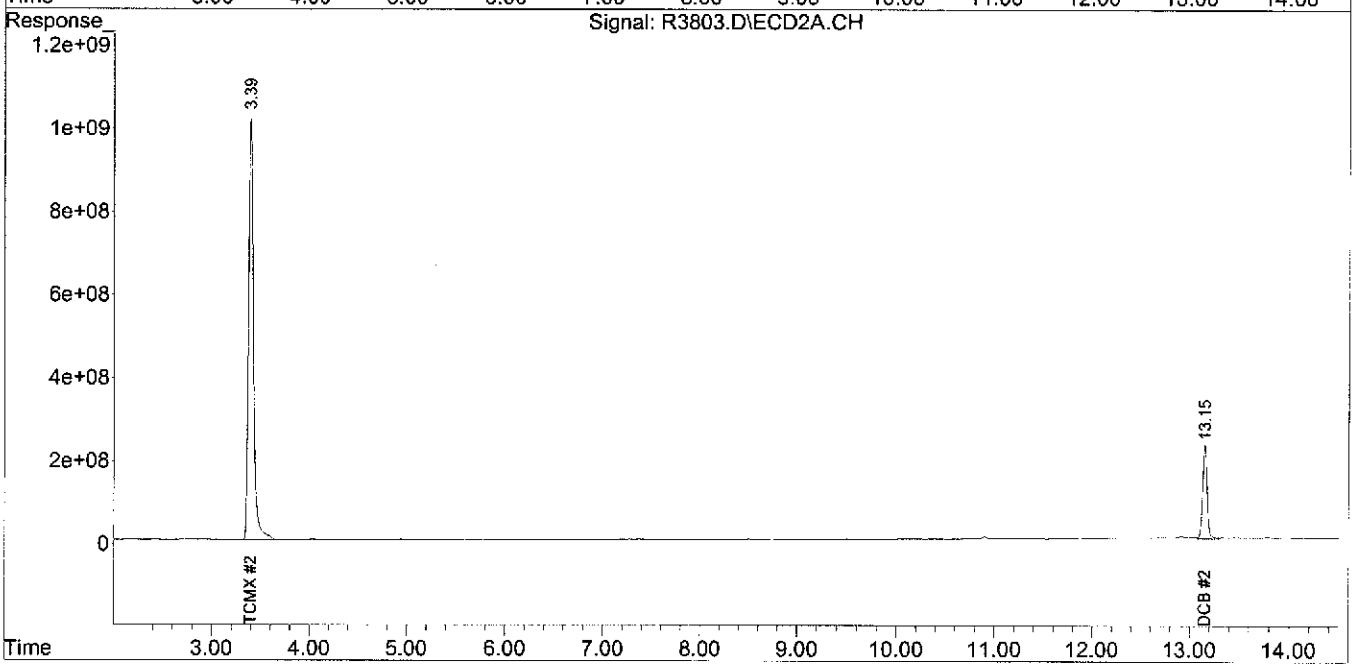
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3803.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:31
Operator : IB
Sample : N-21_(4.0-,09199-048,S,5.93g,78.6,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 14 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:59:58 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3804.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:48
Operator : IB
Sample : N-21_(5.25,09199-049,S,5.62g,22.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 15:00:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	34619.9E6	28466.8E6	228.840	203.274
Spiked Amount 200.000			Recovery	=	114.42%	101.64%
2) S DCB	13.10	13.15	8275.1E6	5428.2E6	160.271m	186.152m
Spiked Amount 200.000			Recovery	=	80.14%	93.08%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.31	5.69	40303057	38412394	5.275	6.391
24) L6 Aroclor-1248 {2}	5.87	6.28	25341029	87652449	6.056	10.404 #
25) L6 Aroclor-1248 {3}	6.21	6.69	30991291	52711929	7.344	8.216m
26) L6 Aroclor-1248 {4}	6.93	6.84	67003268	49325199	7.764	9.136m
27) L6 Aroclor-1248 {5}	7.21	7.20	82785458	32618373	11.767	10.497m
Sum Aroclor-1248			246.4E6	260.7E6	38.205	44.644
Average Aroclor-1248					7.641	8.929
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

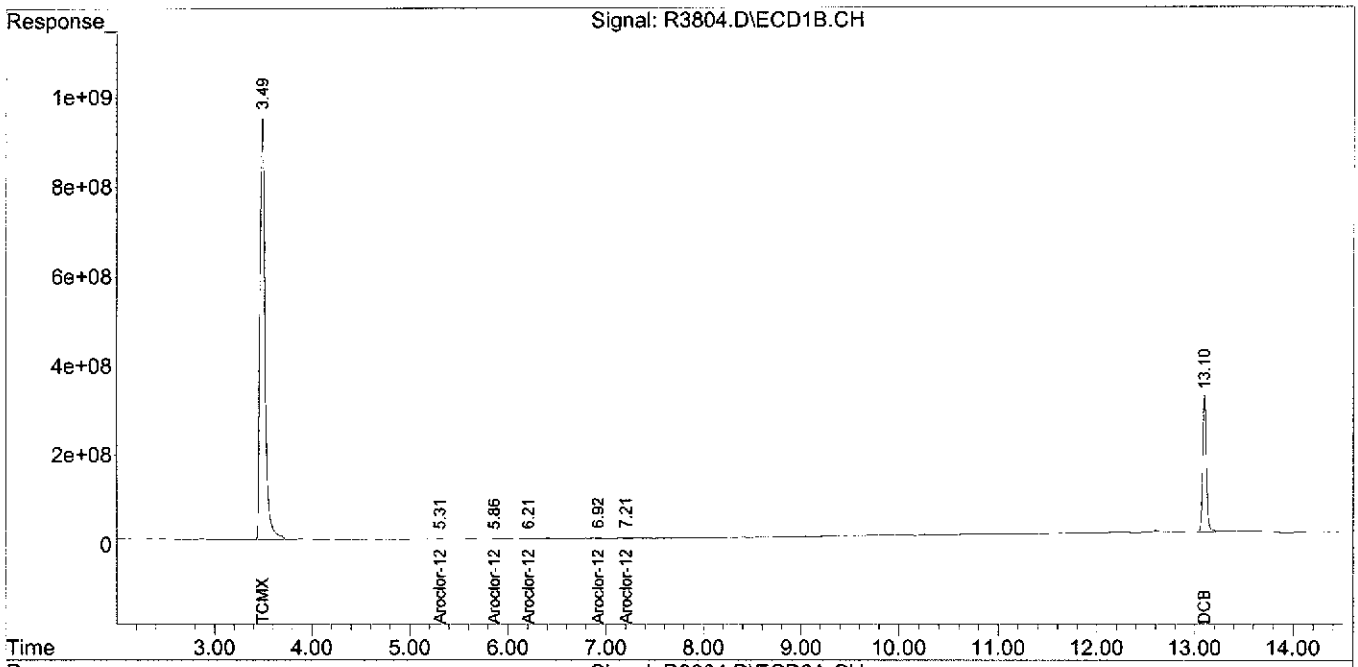
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

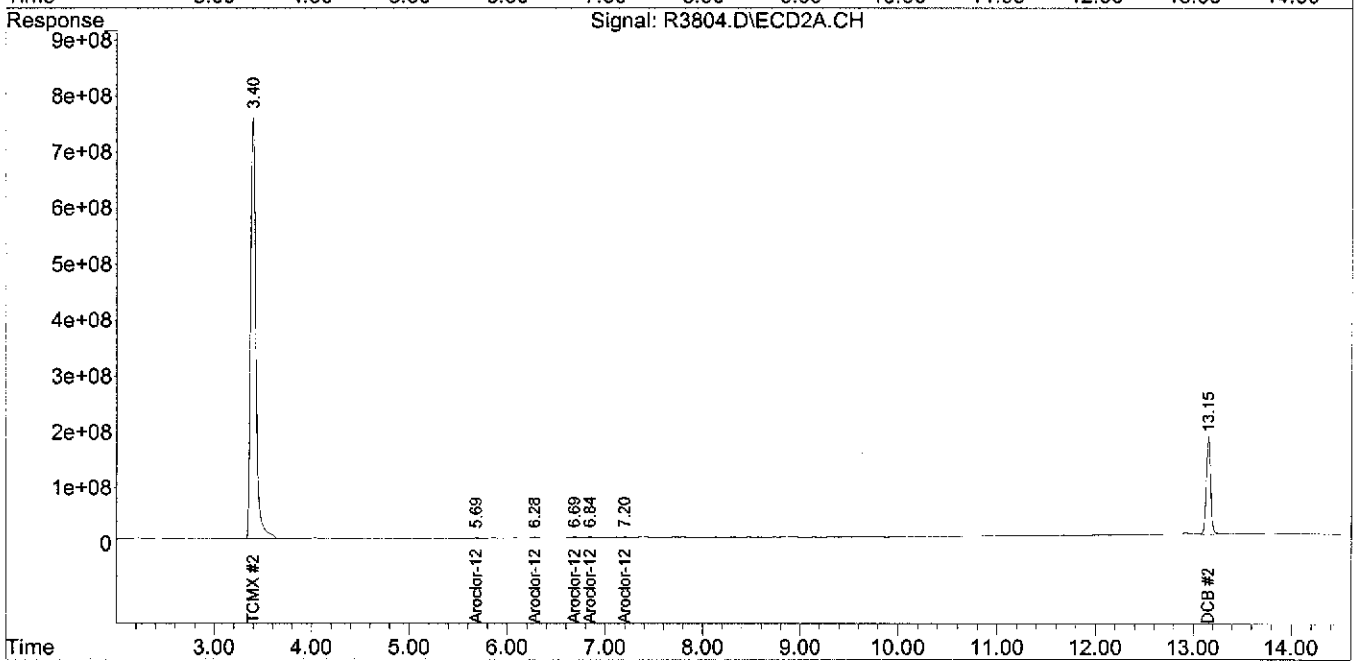
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3804.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 18:48
Operator : IB
Sample : N-21_(5.25,09199-049,S,5.62g,22.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 15 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 15:00:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : R3844.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:39
Operator : YG
Sample : N-20_(0-2.,09199-050,S,5.90g,15.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 14:20:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	320.6E6	294.7E6	41.962	49.029
24) L6 Aroclor-1248 {2}	5.86	6.28	131.4E6	437.3E6	31.400	51.904 #
25) L6 Aroclor-1248 {3}	6.20	6.68	85503219	182.8E6	20.263	28.486 #
26) L6 Aroclor-1248 {4}	6.92	6.84	210.5E6	177.3E6	24.388	32.831 #
27) L6 Aroclor-1248 {5}	7.21	7.20	146.5E6	112.4E6	20.821	36.178 #
Sum Aroclor-1248			894.5E6	1204.4E6	138.834	198.429
Average Aroclor-1248					27.767	39.686
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

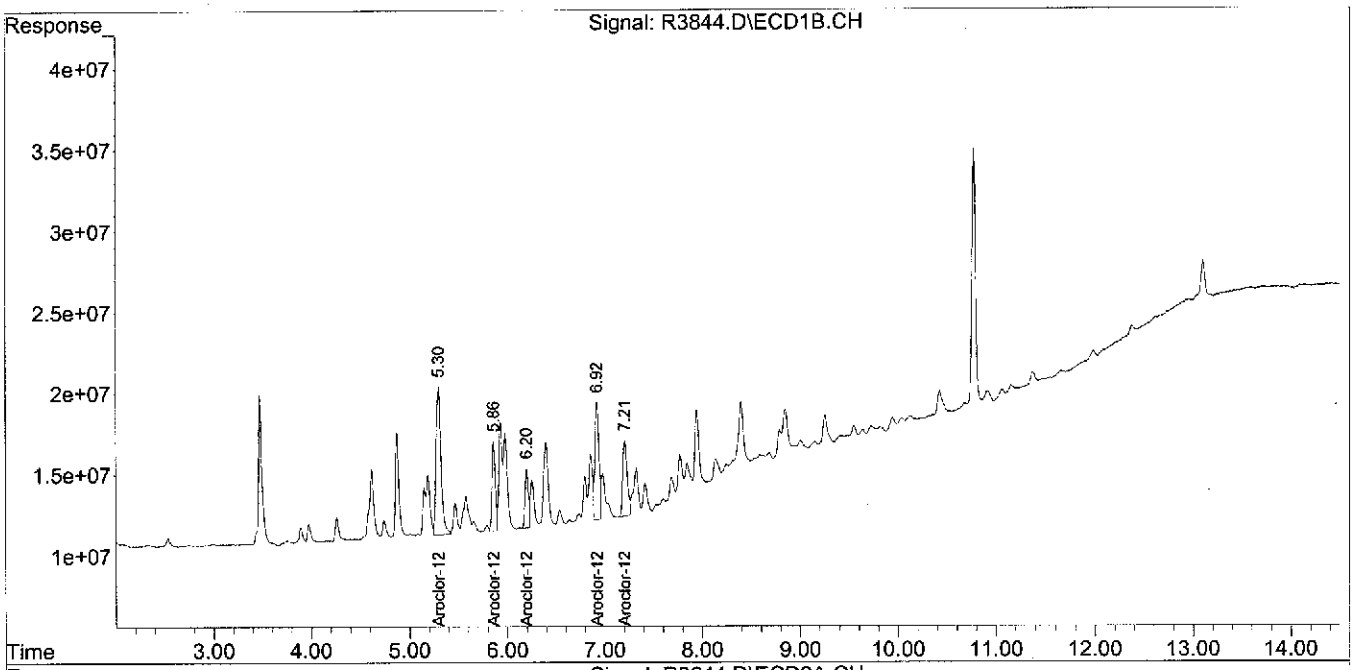
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

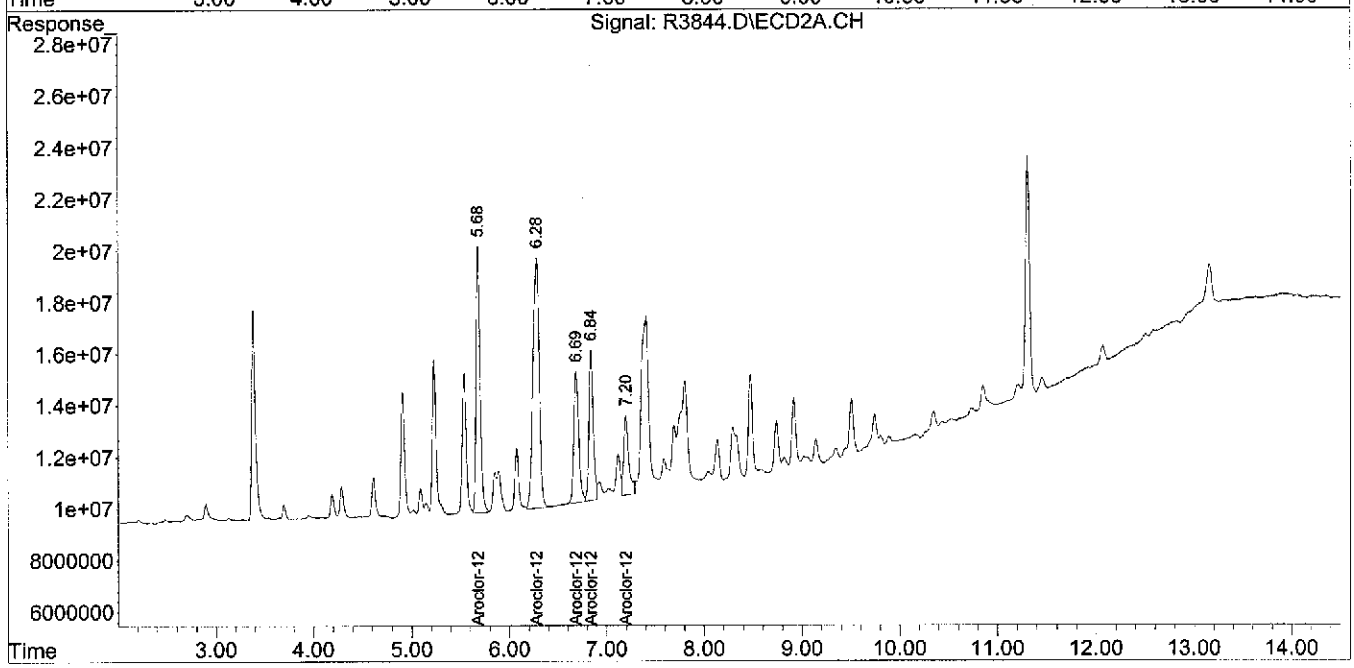
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : R3844.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:39
Operator : YG
Sample : N-20_(0-2.,09199-050,S,5.90g,15.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,100
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 14:20:17 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : R3845.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:56
Operator : YG
Sample : N-20_(2.0-,09199-051,S,5.58g,21.0,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,100
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 14:20:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2	
System Monitoring Compounds							
Target Compounds							
Sum Aroclor-1016			0	0	N.D.	N.D.	
Average Aroclor-1016					0.000	0.000	
Sum Aroclor-1221			0	0	N.D.	N.D.	
Average Aroclor-1221					0.000	0.000	
Sum Aroclor-1232			0	0	N.D.	N.D.	
Average Aroclor-1232					0.000	0.000	
Sum Aroclor-1242			0	0	N.D.	N.D.	
Average Aroclor-1242					0.000	0.000	
23) L6 Aroclor-1248	5.28	5.68	931.6E6	778.6E6	121.920	129.552	
24) L6 Aroclor-1248 {2}	5.86	6.29	302.6E6	1412.8E6	72.302	167.703	#
25) L6 Aroclor-1248 {3}	6.20	6.69	62941543	232.5E6	14.916	36.233	#
26) L6 Aroclor-1248 {4}	6.92	6.84	94168016	261.9E6	10.912	48.511	#
27) L6 Aroclor-1248 {5}	7.22	7.20	88726507	67441467	12.611	21.704	#
Sum Aroclor-1248			1480.0E6	2753.3E6	232.662	403.702	
Average Aroclor-1248					46.532	80.740	
Sum Aroclor-1254			0	0	N.D.	N.D.	
Average Aroclor-1254					0.000	0.000	
Sum Aroclor-1260			0	0	N.D.	N.D.	
Average Aroclor-1260					0.000	0.000	
Sum Aroclor-1262			0	0	N.D.	N.D.	
Average Aroclor-1262					0.000	0.000	
Sum Aroclor-1268			0	0	N.D.	N.D.	
Average Aroclor-1268					0.000	0.000	

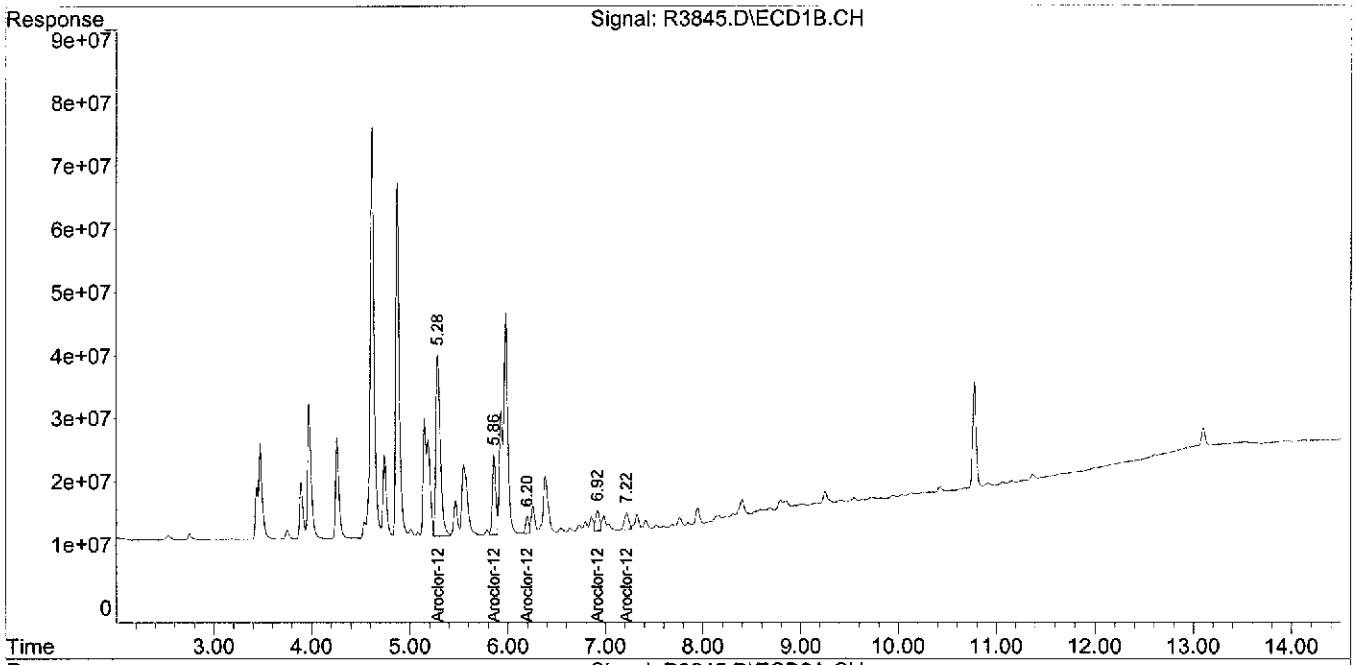
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

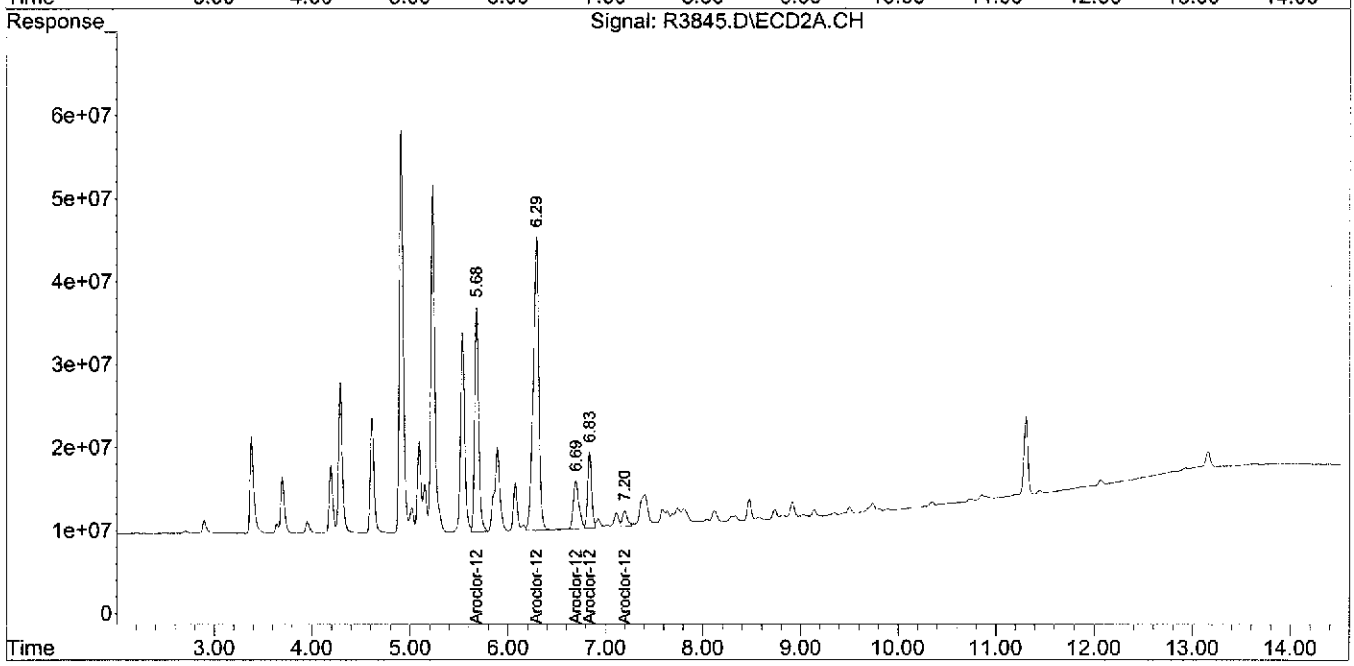
Quantitation Report (Not Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-18-12\
Data File : R3845.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 18 Sep 2012 14:56
Operator : YG
Sample : N-20_(2.0-,09199-051,S,5.58g,21.0,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,100
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 14:20:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3807.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 19:40
Operator : IB
Sample : N-20_(4.0-,09199-052,S,5.30g,79.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 13:52:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	39854.6E6	35330.9E6	263.442	252.289
Spiked Amount 200.000			Recovery	=	131.72%	126.14%
2) S DCB	13.10	13.15	10109.5E6	6619.8E6	195.800m	227.017
Spiked Amount 200.000			Recovery	=	97.90%	113.51%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

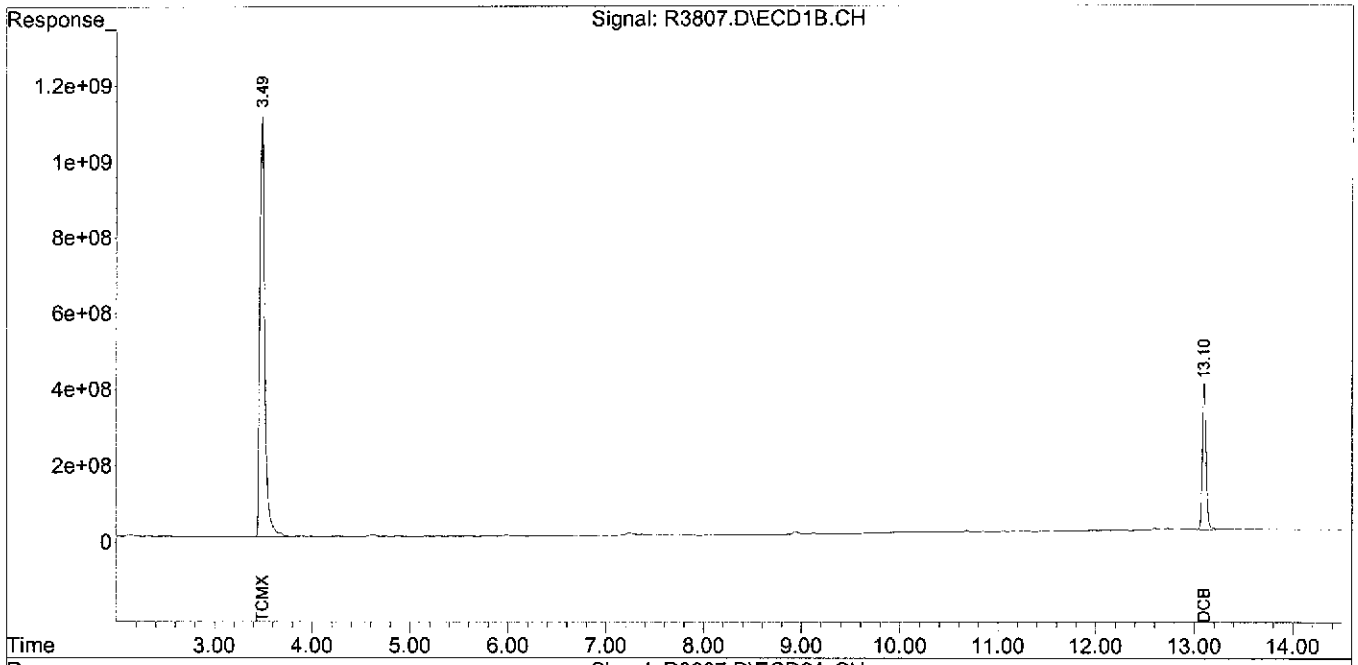
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

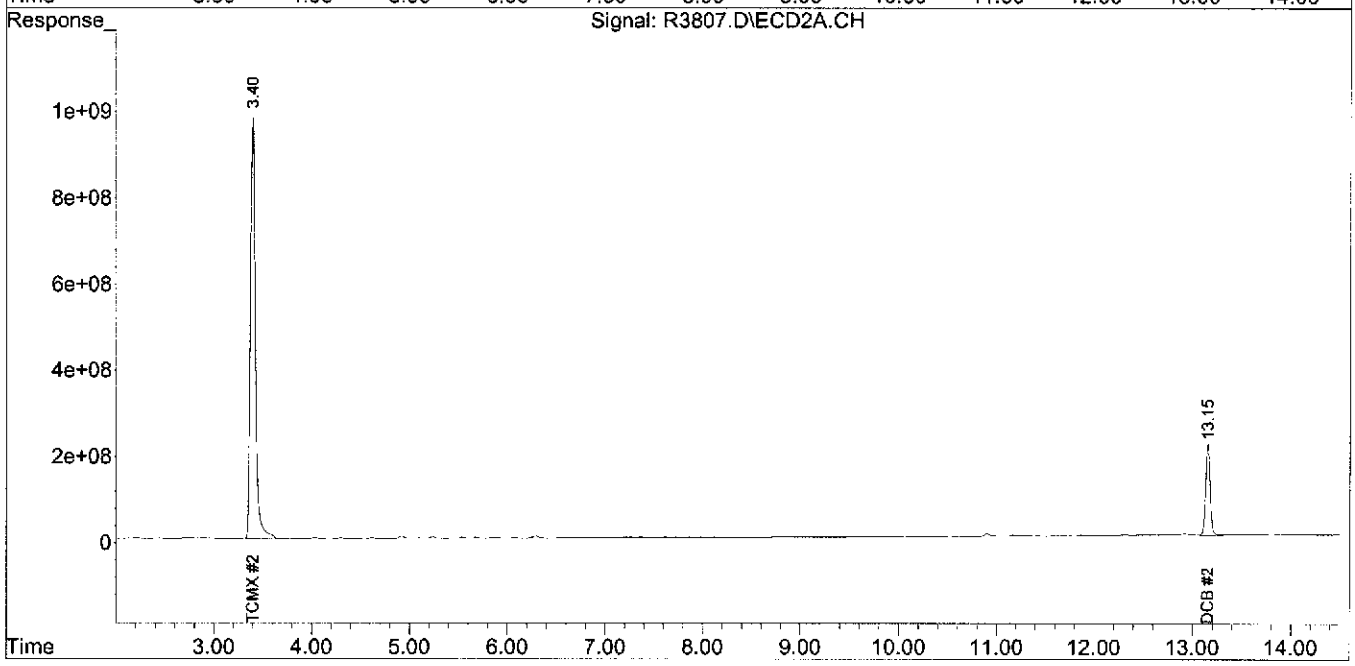
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3807.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 19:40
Operator : IB
Sample : N-20_(4.0-,09199-052,S,5.30g,79.9,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 13:52:04 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3808.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 19:58
Operator : IB
Sample : N-20_(5.0-,09199-053,S,5.58g,22.0,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 13:56:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.40	34685.6E6	28807.2E6	229.275	205.705
Spiked Amount 200.000			Recovery	=	114.64%	102.85%
2) S DCB	13.10	13.15	8337.3E6	5400.8E6	161.476m	185.212m
Spiked Amount 200.000			Recovery	=	80.74%	92.61%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	577.4E6	518.8E6	75.563	86.323
24) L6 Aroclor-1248 {2}	5.87	6.29	221.4E6	1035.6E6	52.905	122.927 #
25) L6 Aroclor-1248 {3}	6.21	6.70	67503775	237.0E6	15.997	36.945 #
26) L6 Aroclor-1248 {4}	6.93	6.84	190.6E6	242.3E6	22.086	44.869 #
27) L6 Aroclor-1248 {5}	7.22	7.20	173.1E6	114.3E6	24.609	36.798 #
Sum Aroclor-1248			1230.0E6	2148.1E6	191.160	327.863
Average Aroclor-1248					38.232	65.573
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

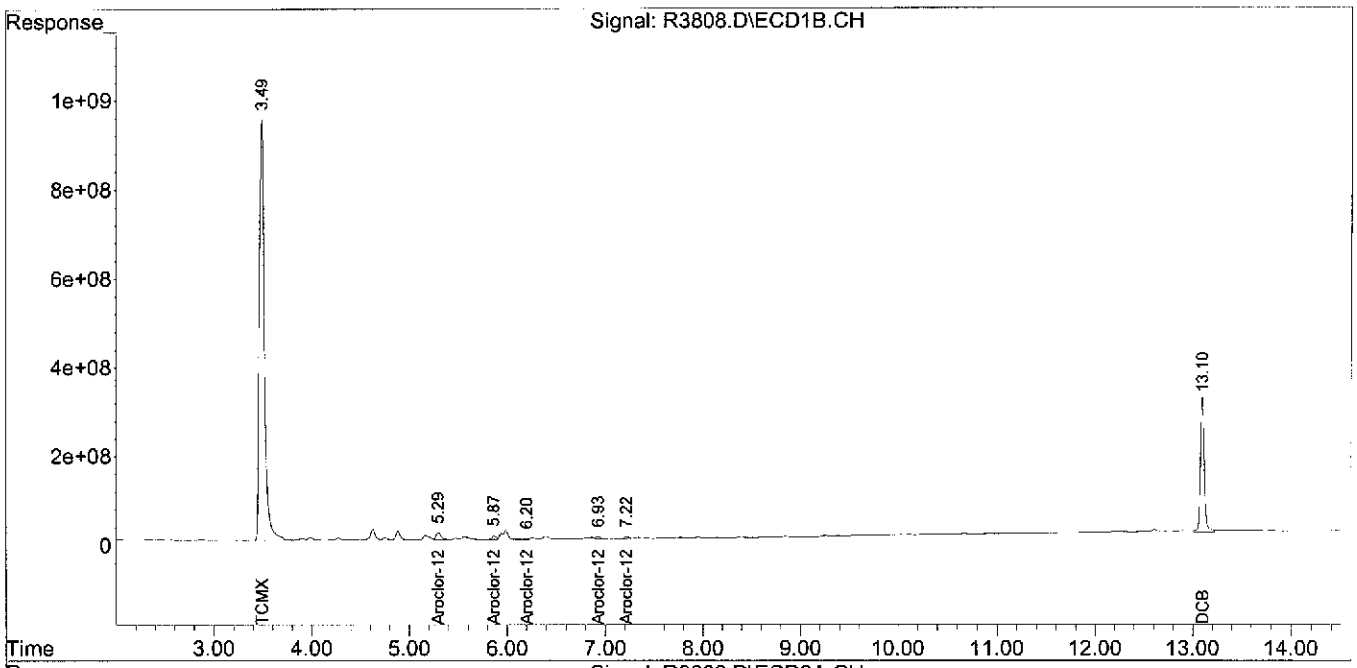
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

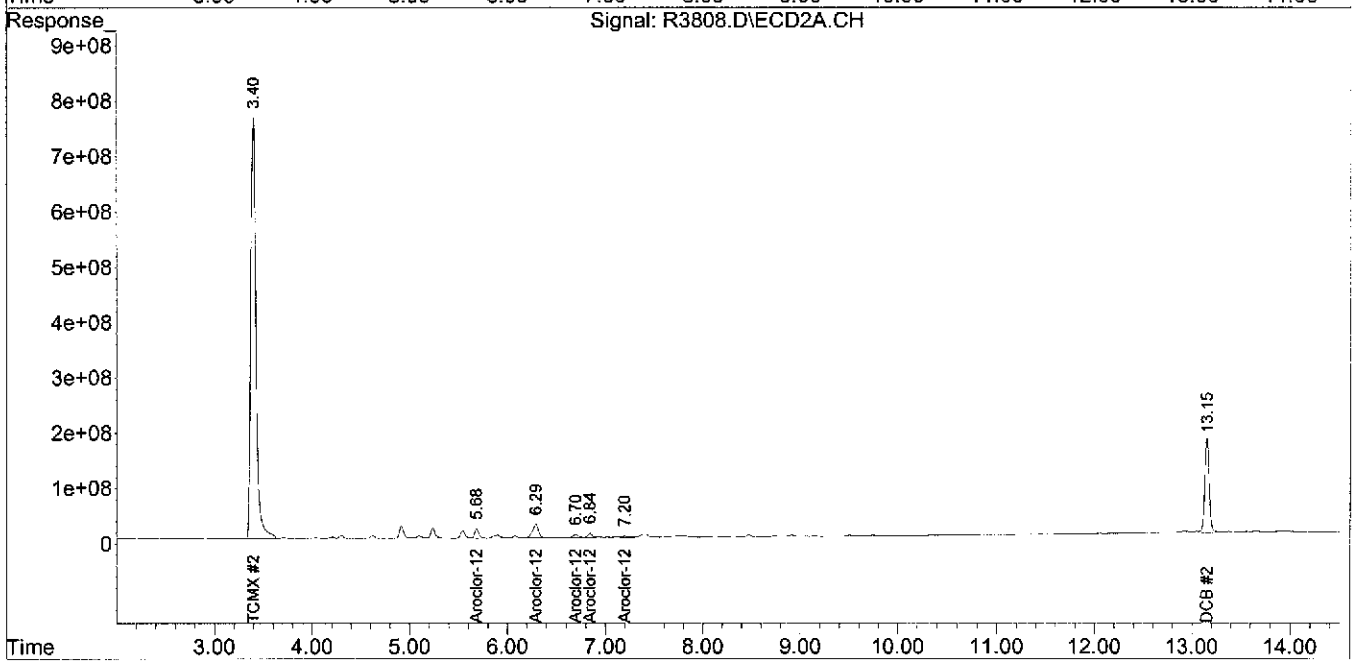
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3808.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 19:58
Operator : IB
Sample : N-20_(5.0-,09199-053,S,5.58g,22.0,09/14/12,4
Misc : 120914-05,09/11/12,09/11/12,1
ALS Vial : 19 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 19 13:56:38 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3779.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 Sep 2012 2:00
Operator : IB
Sample : FB-40,09199-054,A,1000ml,100,09/13/12,1
Misc : 120913-09,09/11/12,09/11/12,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:30:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.39	32164.5E6	27189.7E6	212.610	194.155
Spiked Amount 200.000			Recovery	=	106.31%	97.08%
2) S DCB	13.10	13.15	9647.7E6	7613.6E6	186.857	261.099 #
Spiked Amount 200.000			Recovery	=	93.43%	130.55%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

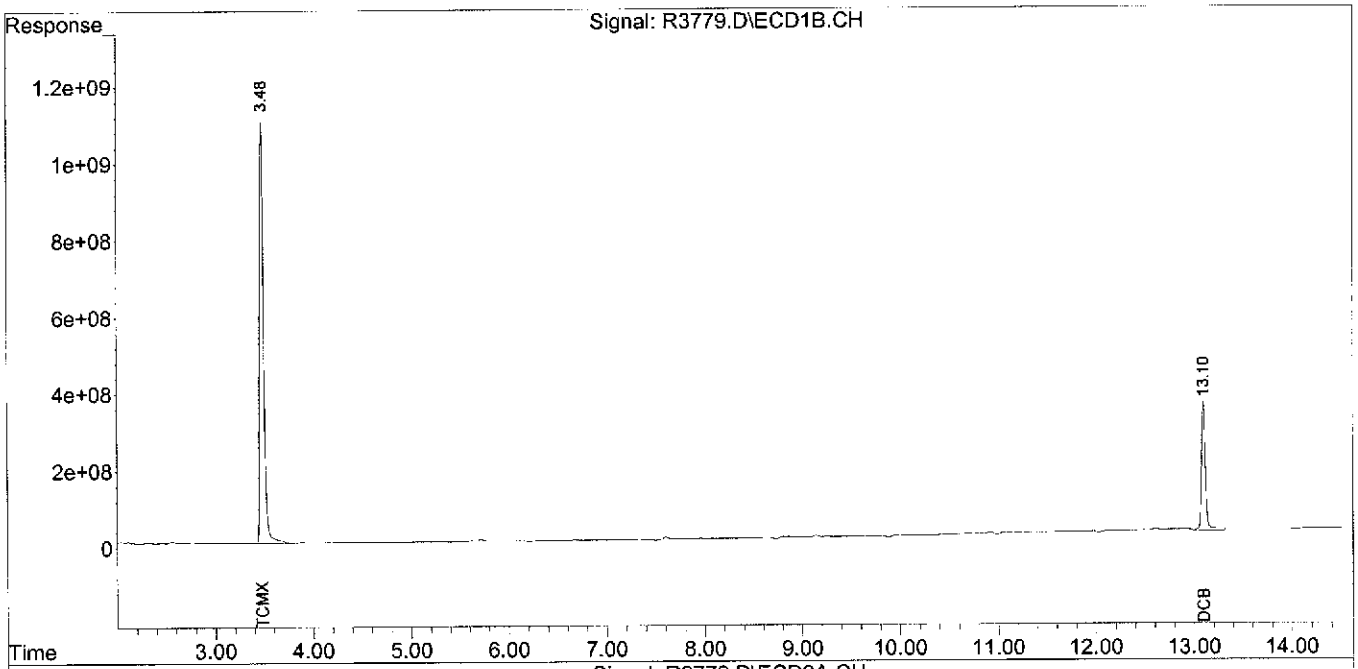
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

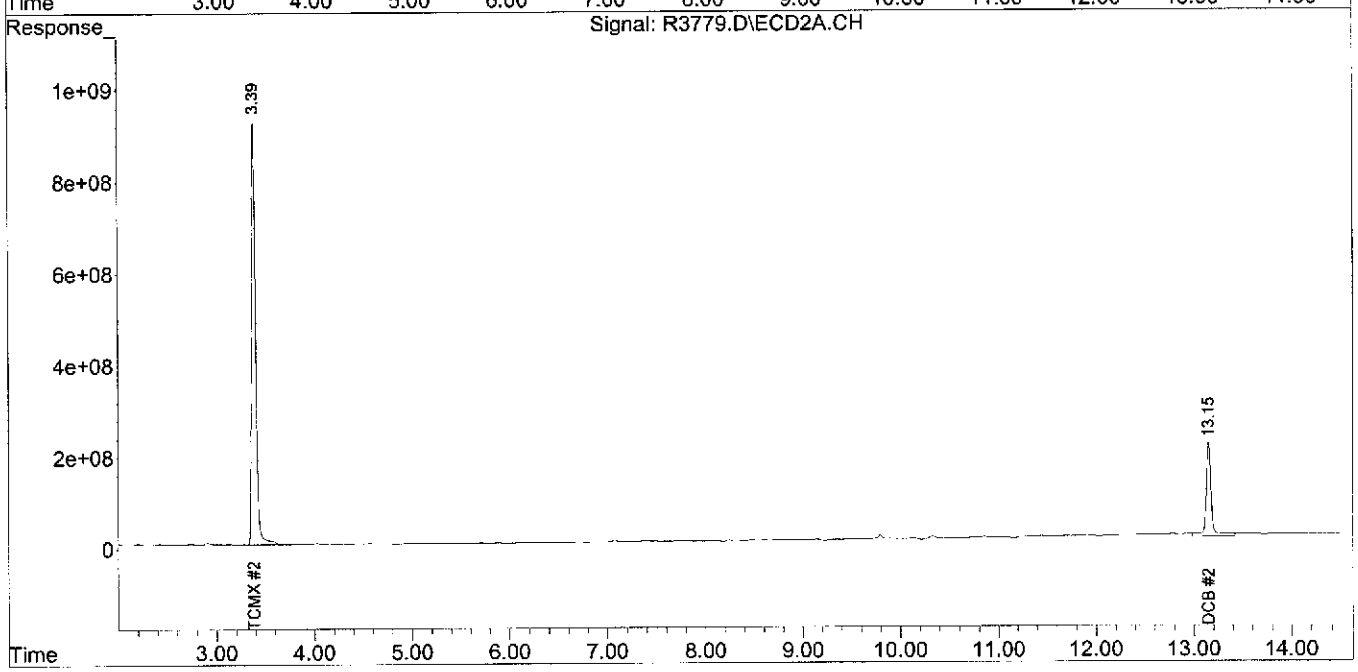
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3779.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 15 Sep 2012 2:00
Operator : IB
Sample : FB-40,09199-054,A,1000ml,100,09/13/12,1
Misc : 120913-09,09/11/12,09/11/12,1
ALS Vial : 38 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 13:30:10 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKA120913-09
Client ID: PCB
Date Received: NA
Date Extracted: 09/13/2012
Date Analyzed: 09/14/2012
Data file: R3767.D

GC Column: DB-5/DB1701P
Sample wt/vol: 1000ml
Matrix-Units: Aqueous-µg/L (ppb)
Dilution Factor: 1
% Moisture: 100

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.050	0.020
Aroclor-1221	ND		0.050	0.020
Aroclor-1232	ND		0.050	0.020
Aroclor-1242	ND		0.050	0.020
Aroclor-1248	ND		0.050	0.020
Aroclor-1254	ND		0.050	0.020
Aroclor-1260	ND		0.050	0.020
Aroclor-1262	ND		0.050	0.020
Aroclor-1268	ND		0.050	0.020
PCBs	ND		0.050	0.020

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3767.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 22:32
Operator : IB
Sample : PCB,BLKA120913-09,A,1000ml,100,09/13/12,1
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 11:11:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.38	33439.2E6	26767.0E6	221.036	191.137
Spiked Amount 200.000			Recovery	=	110.52%	95.57%
2) S DCB	13.10	13.15	11396.2E6	6433.8E6	220.722	220.637
Spiked Amount 200.000			Recovery	=	110.36%	110.32%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

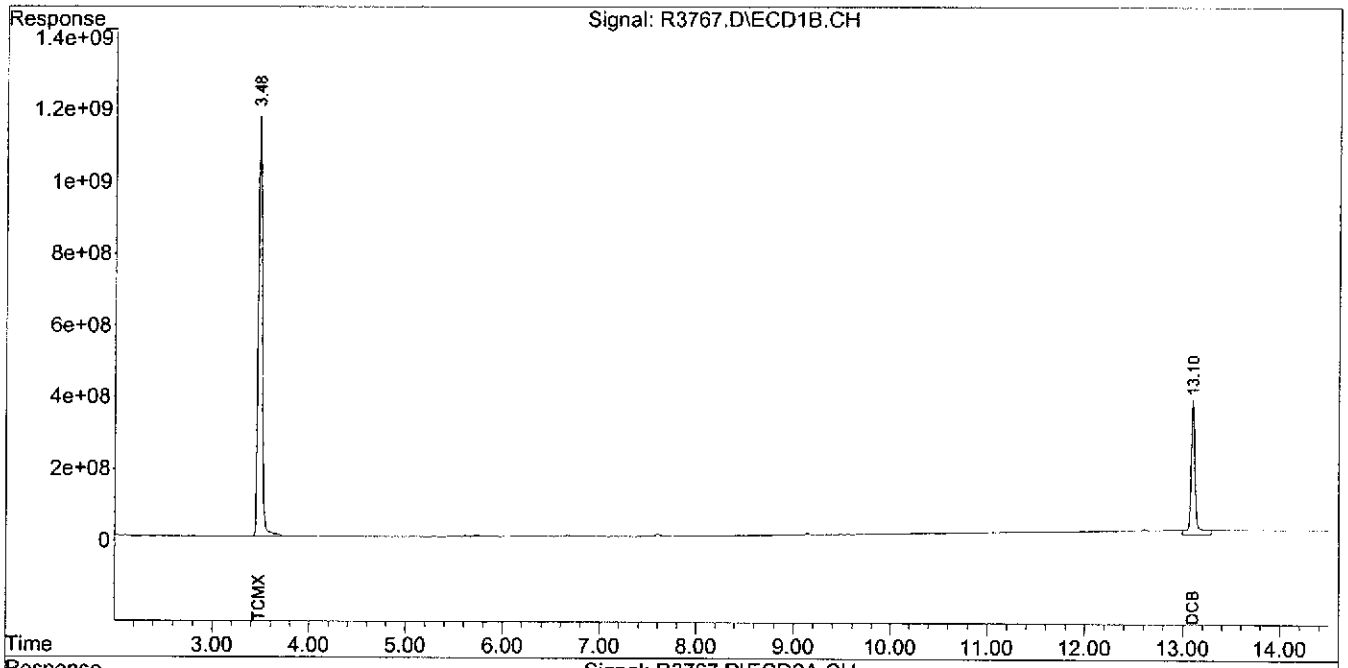
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

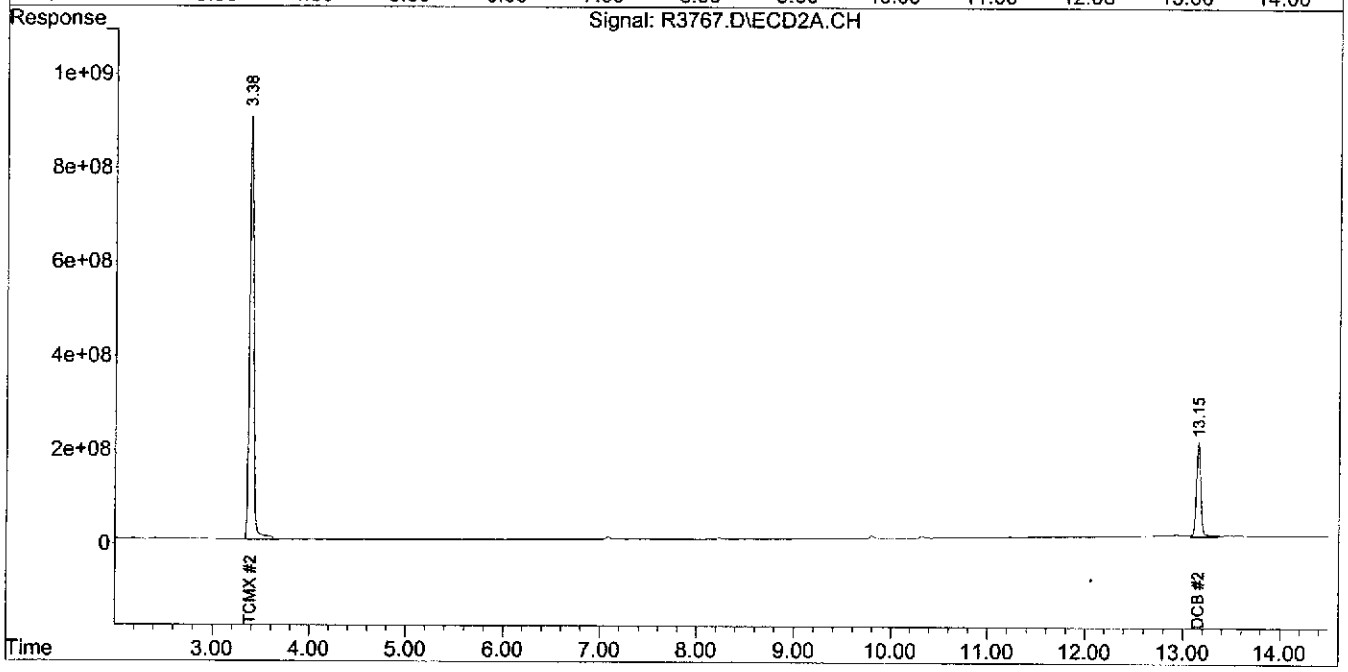
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-14-12\
Data File : R3767.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 14 Sep 2012 22:32
Operator : IB
Sample : PCB,BLKA120913-09,A,1000ml,100,09/13/12,1
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 17 11:11:54 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Wed Sep 12 09:41:54 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120914-04
Client ID: PCB
Date Received: NA
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1803.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

E12-09199 0238

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1803.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 21:02
Operator : IB
Sample : PCB,BLKS120914-04,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:42:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	22163.2E6	6084.8E6	227.432	228.300
Spiked Amount 200.000			Recovery	=	113.72%	114.15%
2) S DCB	12.11	12.49	4385.6E6	1519.2E6	215.682m	175.432
Spiked Amount 200.000			Recovery	=	107.84%	87.72%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

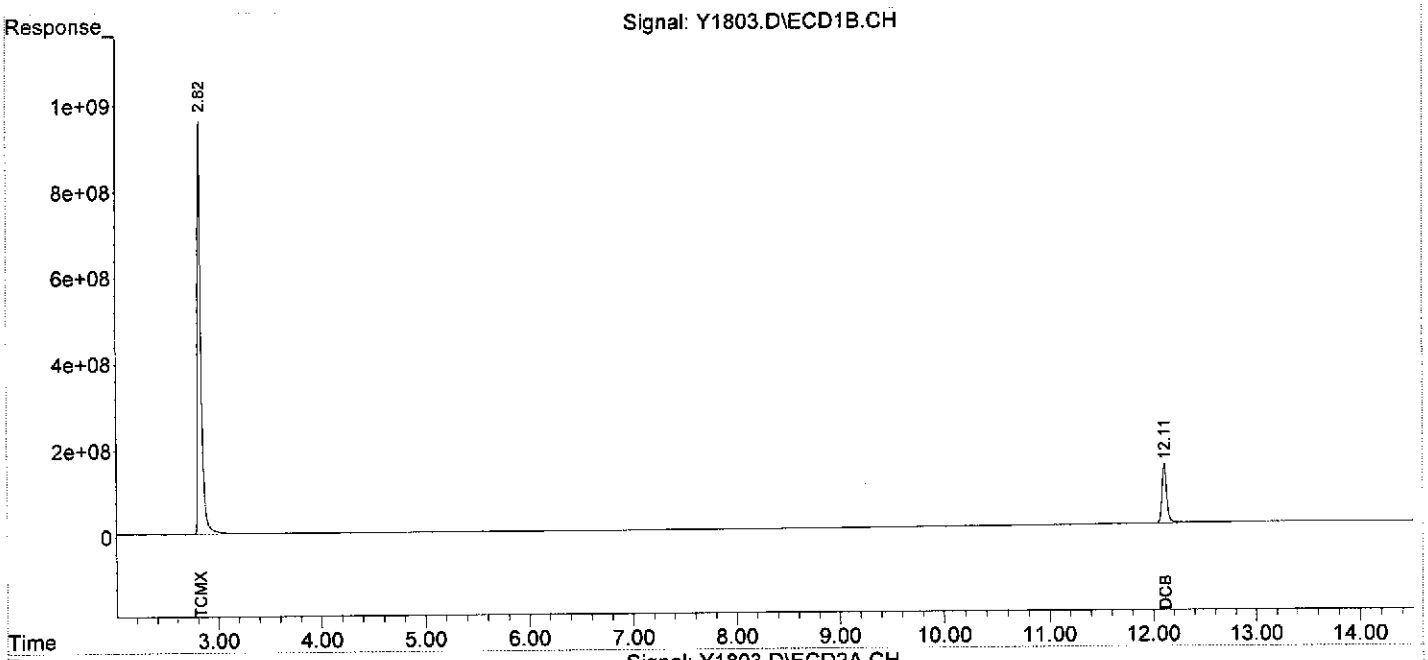
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

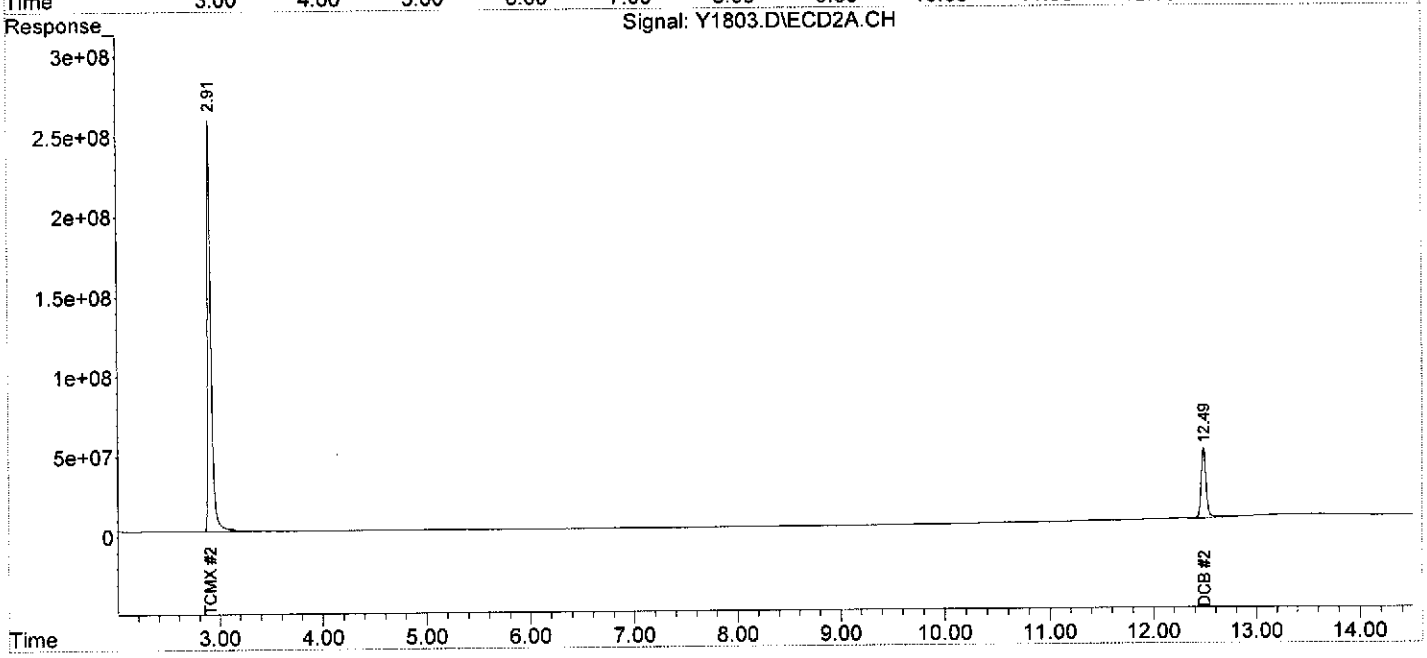
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1803.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 21:02
Operator : IB
Sample : PCB,BLKS120914-04,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:42:59 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120914-05
Client ID: PCB
Date Received: NA
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: R3791.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3791.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:01
Operator : IB
Sample : PCB,BLKS120914-05,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:42:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.49	3.39	34357.0E6	28430.6E6	227.102	203.016
Spiked Amount 200.000			Recovery	=	113.55%	101.51%
2) S DCB	13.10	13.15	8205.9E6	5428.9E6	158.932m	186.176m
Spiked Amount 200.000			Recovery	=	79.47%	93.09%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

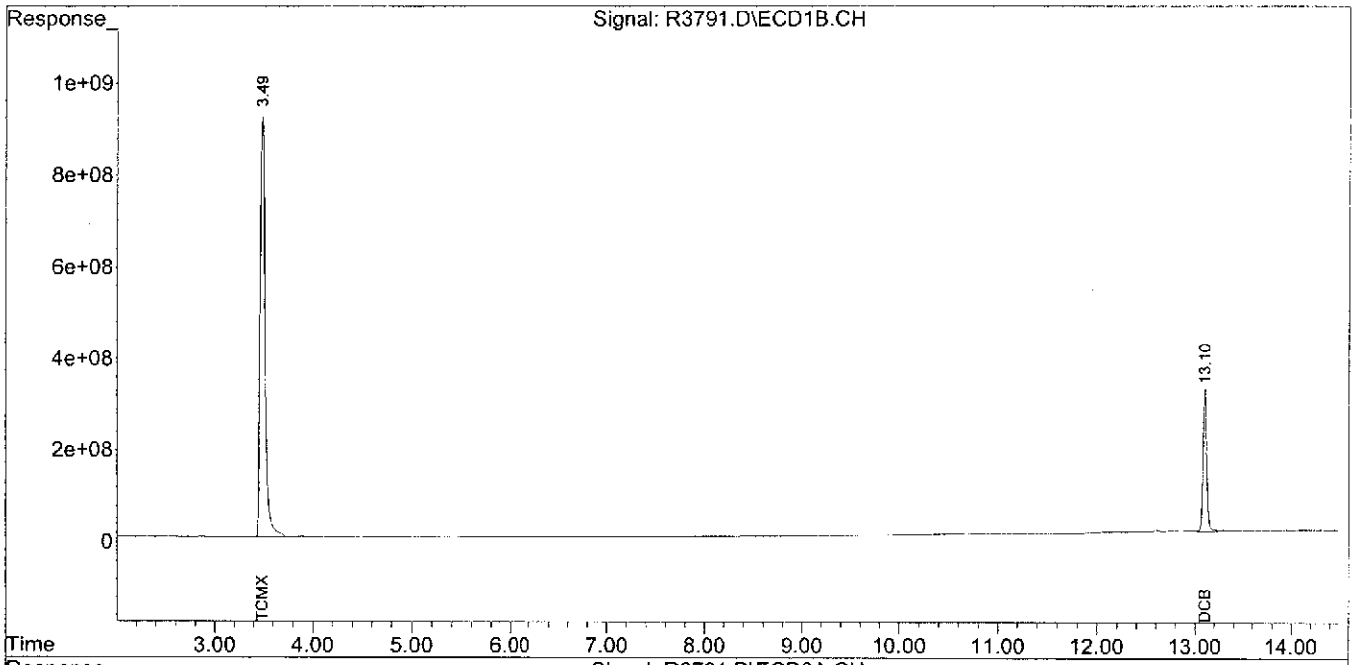
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

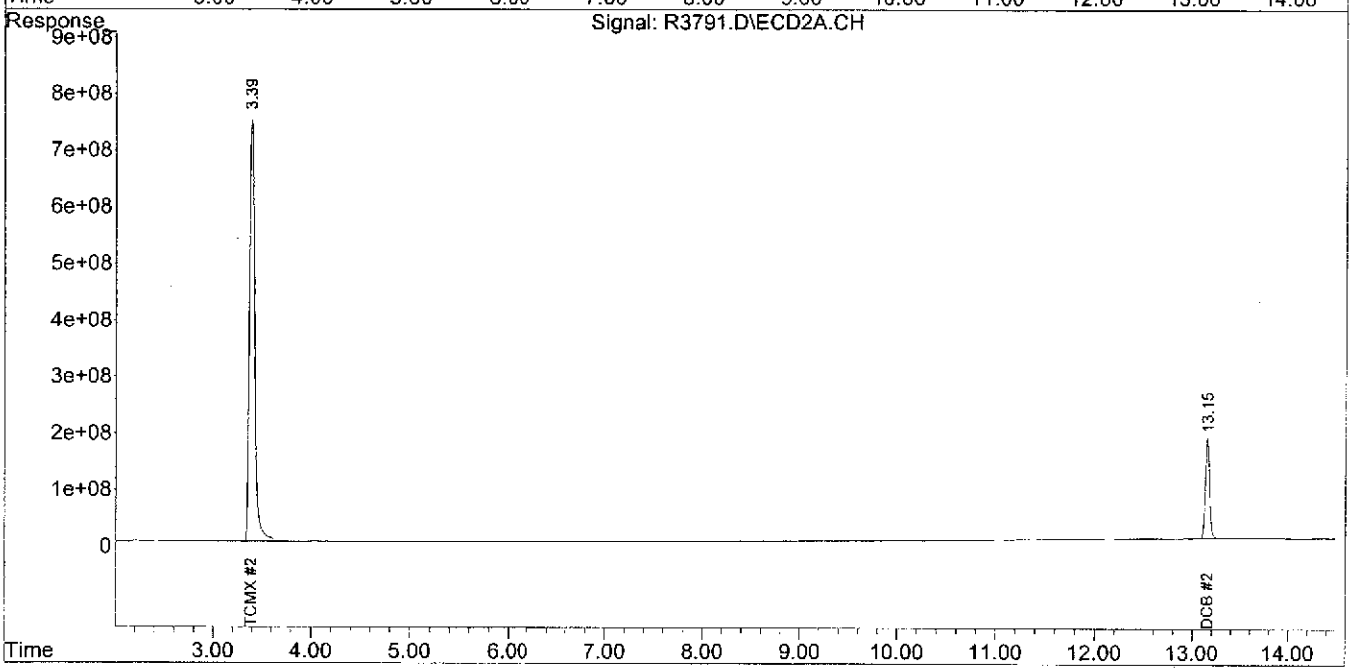
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : R3791.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 15:01
Operator : IB
Sample : PCB,BLKS120914-05,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 14:42:47 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Mon Sep 17 13:03:51 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





INTEGRATED ANALYTICAL LABORATORIES

PCB's

Lab ID: BLKS120914-02
Client ID: PCB
Date Received: NA
Date Extracted: 09/14/2012
Date Analyzed: 09/17/2012
Data file: Y1777.D

GC Column: DB-5/DB1701P
Sample wt/vol: 5.00g
Matrix-Units: Soil-mg/Kg (ppm)
Dilution Factor: 1
% Moisture: NA

Compound	Concentration	Q	RL	MDL
Aroclor-1016	ND		0.040	0.016
Aroclor-1221	ND		0.040	0.016
Aroclor-1232	ND		0.040	0.016
Aroclor-1242	ND		0.040	0.016
Aroclor-1248	ND		0.040	0.016
Aroclor-1254	ND		0.040	0.016
Aroclor-1260	ND		0.040	0.016
Aroclor-1262	ND		0.040	0.016
Aroclor-1268	ND		0.040	0.016
PCBs	ND		0.040	0.016

E12-09199 0244

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1777.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 12:55
Operator : IB
Sample : PCB,BLKS120914-02,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:19:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.91	22776.3E6	5693.7E6	233.722	213.626
Spiked Amount 200.000			Recovery	=	116.86%	106.81%
2) S DCB	12.11	12.49	3823.0E6	1199.4E6	188.010m	138.505m#
Spiked Amount 200.000			Recovery	=	94.00%	69.25%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

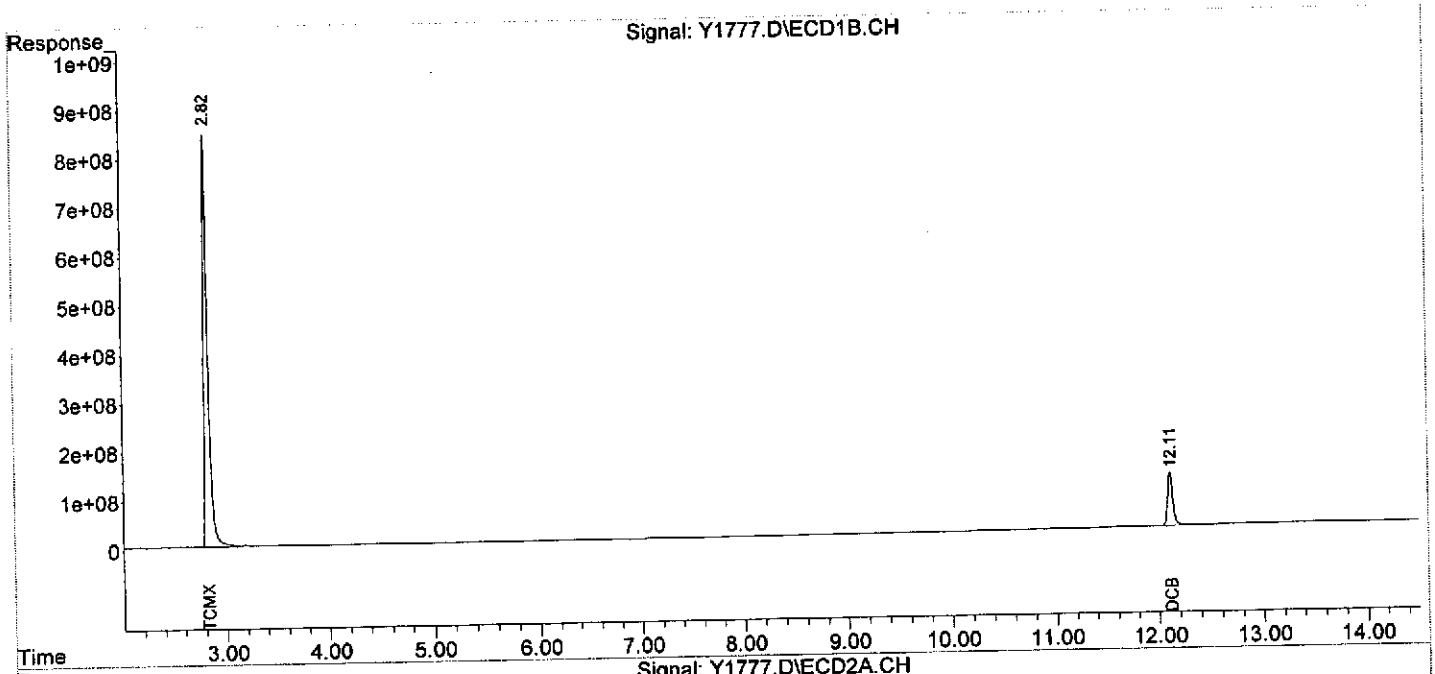
Quantitation Report (QT Reviewed)

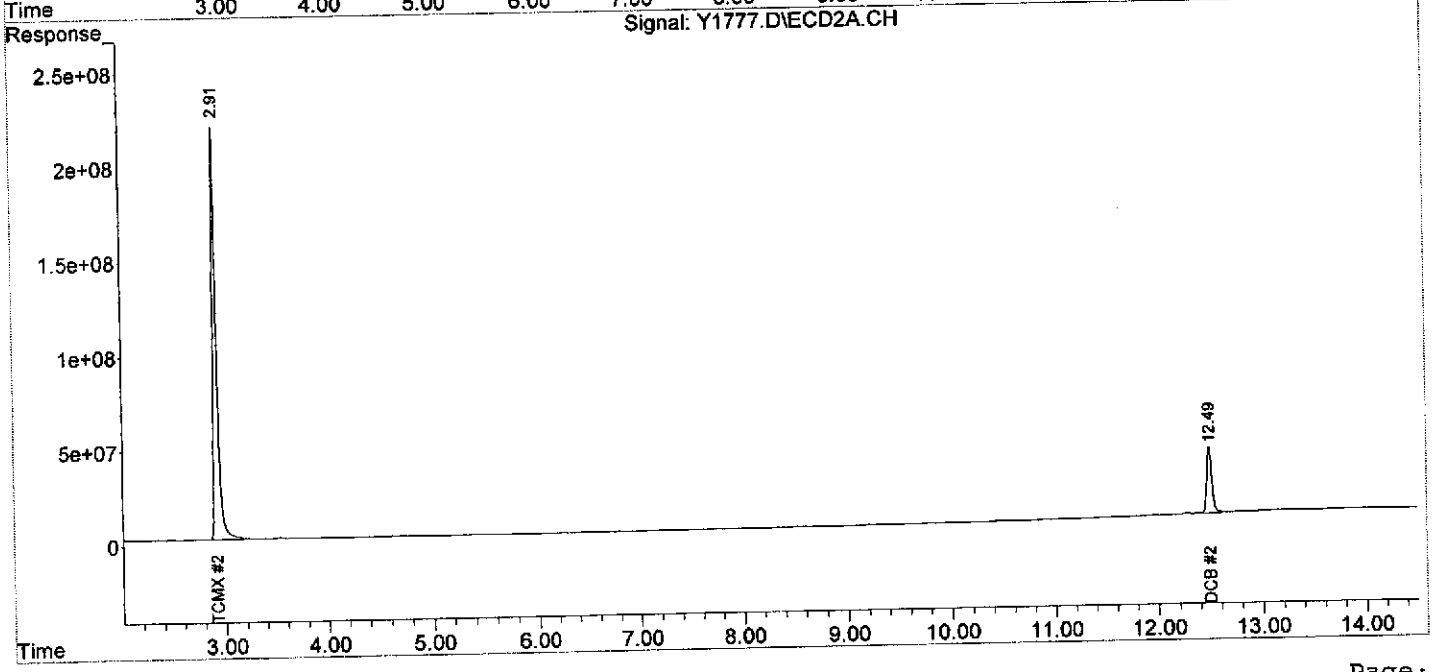
Data Path : C:\MSDCHEM\1\DATA\09-17-12\
Data File : Y1777.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 17 Sep 2012 12:55
Operator : IB
Sample : PCB,BLKS120914-02,S,5.00g,0,09/14/12,4
Misc : NA,NA,NA,1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Sep 18 16:19:34 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Mon Sep 17 10:45:37 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\
Data File : Y1148.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Aug 2012 16:52
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 07:50:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:50:02 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.90	22214.9E6	5890.5E6	239.833	233.845
Spiked Amount 200.000			Recovery	=	119.92%	116.92%
2) S DCB	12.10	12.49	2980.1E6	1185.7E6	175.196m	160.258m
Spiked Amount 200.000			Recovery	=	87.60%	80.13%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	4.51	5.12	1830.8E6	519.6E6	500.000	500.000
24) L6 Aroclor-1248 {2}	5.04	5.71	1002.5E6	766.5E6	500.000	500.000
25) L6 Aroclor-1248 {3}	5.36	6.10	1247.7E6	542.7E6	500.000	500.000
26) L6 Aroclor-1248 {4}	6.06	6.26	2262.2E6	492.1E6	500.000	500.000
27) L6 Aroclor-1248 {5}	6.33	6.61	1568.7E6	268.0E6	500.000	500.000
Sum Aroclor-1248			7911.9E6	2588.9E6	2500.000	2500.000
Average Aroclor-1248					500.000	500.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

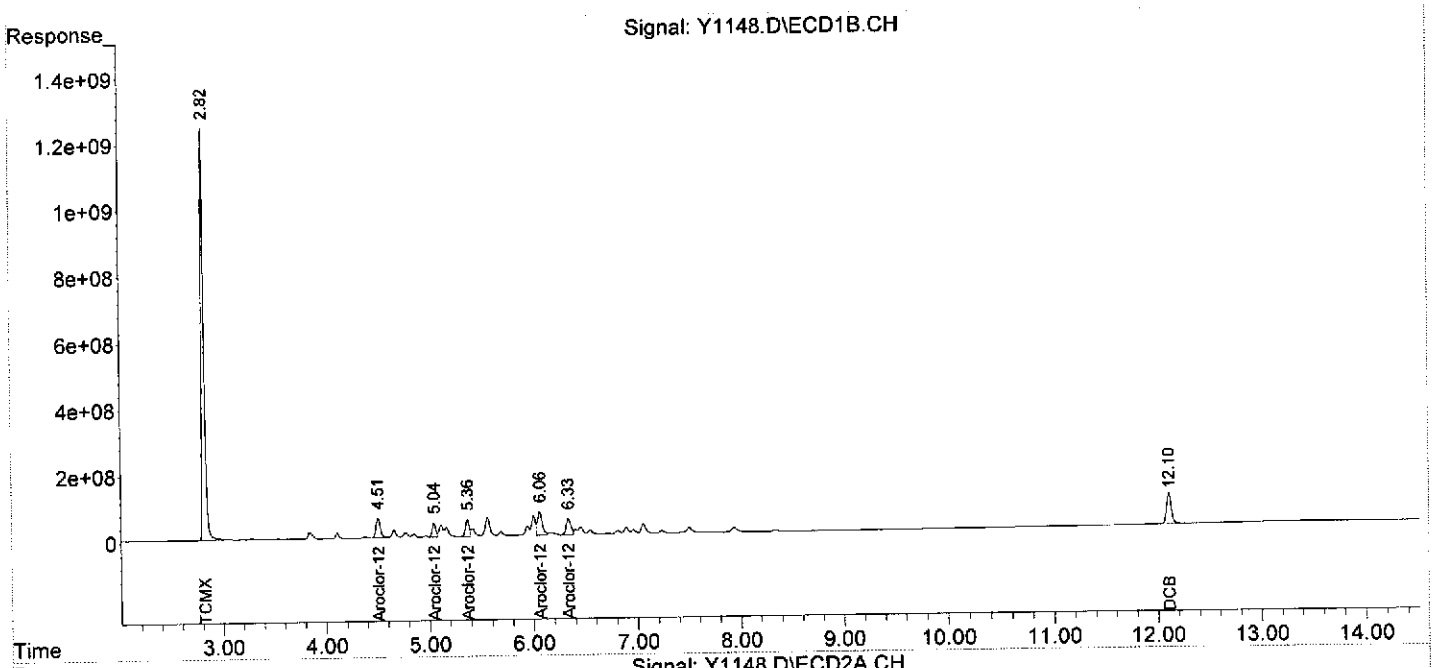
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

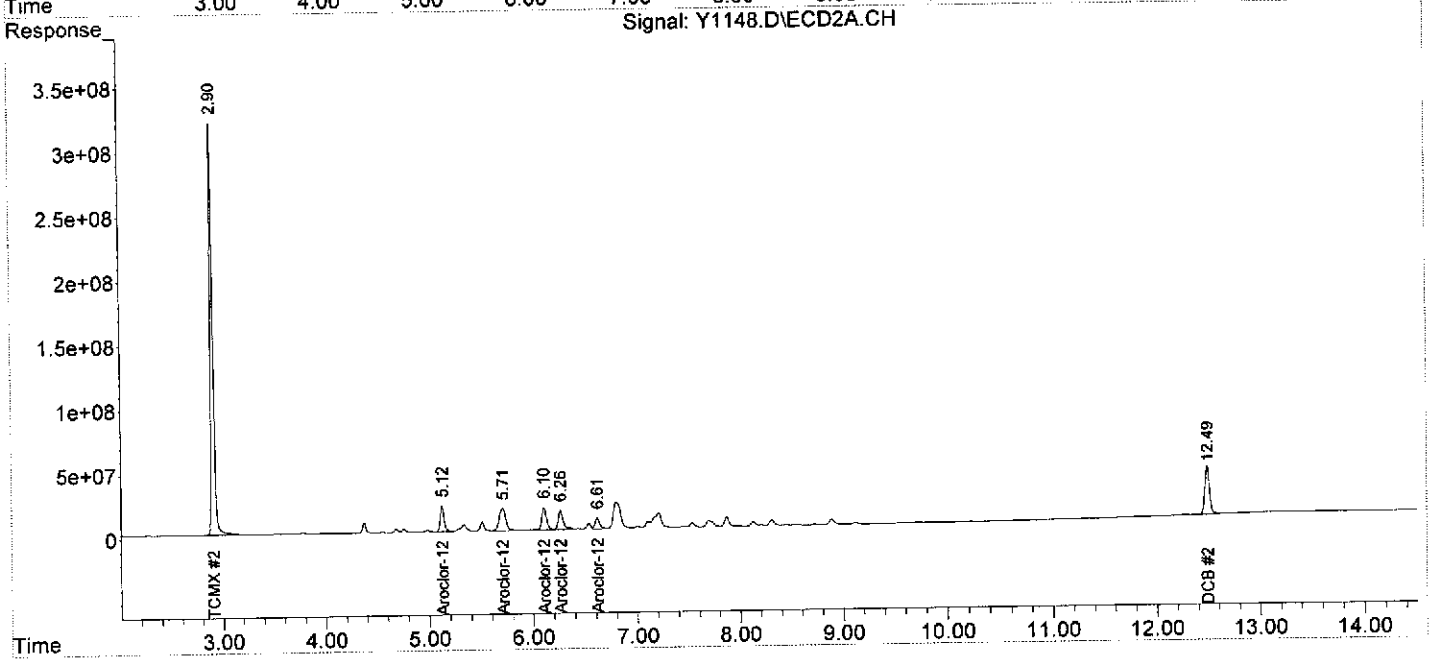
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\
Data File : Y1148.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Aug 2012 16:52
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 07:50:27 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:50:02 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\
Data File : Y1152.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Aug 2012 18:18
Operator : YG
Sample : 8082_C_IAS_4395,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 07:54:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	2.82	2.90	21209.0E6	5869.5E6	217.640	220.222
Spiked Amount 200.000			Recovery	=	108.82%	110.11%
2) S DCB	12.10	12.49	3669.2E6	1526.3E6	180.450	176.252
Spiked Amount 200.000			Recovery	=	90.22%	88.13%
Target Compounds						
3) L2 Aroclor-1016	3.28	3.78	880.7E6	261.3E6	530.934	552.112
4) L2 Aroclor-1016 {2}	4.11	4.37	1186.5E6	511.4E6	505.095	541.858
5) L2 Aroclor-1016 {3}	4.66	5.13	1622.9E6	1155.8E6	510.953	556.281
6) L2 Aroclor-1016 {4}	5.16	5.33	768.0E6	491.5E6	512.119	549.933
7) L2 Aroclor-1016 {5}	5.56	5.51	1275.1E6	382.9E6	518.731	561.165
Sum Aroclor-1016			5733.4E6	2802.9E6	2577.832	2761.349
Average Aroclor-1016					515.566	552.270
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
Sum Aroclor-1248			0	0	N.D.	N.D.
Average Aroclor-1248					0.000	0.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
33) L8 Aroclor-1260	8.33	7.87	3282.7E6	398.9E6	549.971	552.808
34) L8 Aroclor-1260 {2}	9.00	8.12	1324.3E6	590.9E6	575.740	566.787
35) L8 Aroclor-1260 {3}	9.48	9.71	3579.5E6	499.2E6	567.234	577.797
36) L8 Aroclor-1260 {4}	9.96	10.22	1655.1E6	1097.8E6	532.926	570.722
37) L8 Aroclor-1260 {5}	11.02	10.81	653.0E6	779.5E6	481.911	564.873
Sum Aroclor-1260			10494.7E6	3366.4E6	2707.783	2832.987
Average Aroclor-1260					541.557	566.597
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-27-12\
Data File : Y1152.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Aug 2012 18:18
Operator : YG
Sample : 8082_C_IAS_4395,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 07:54:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase:
Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

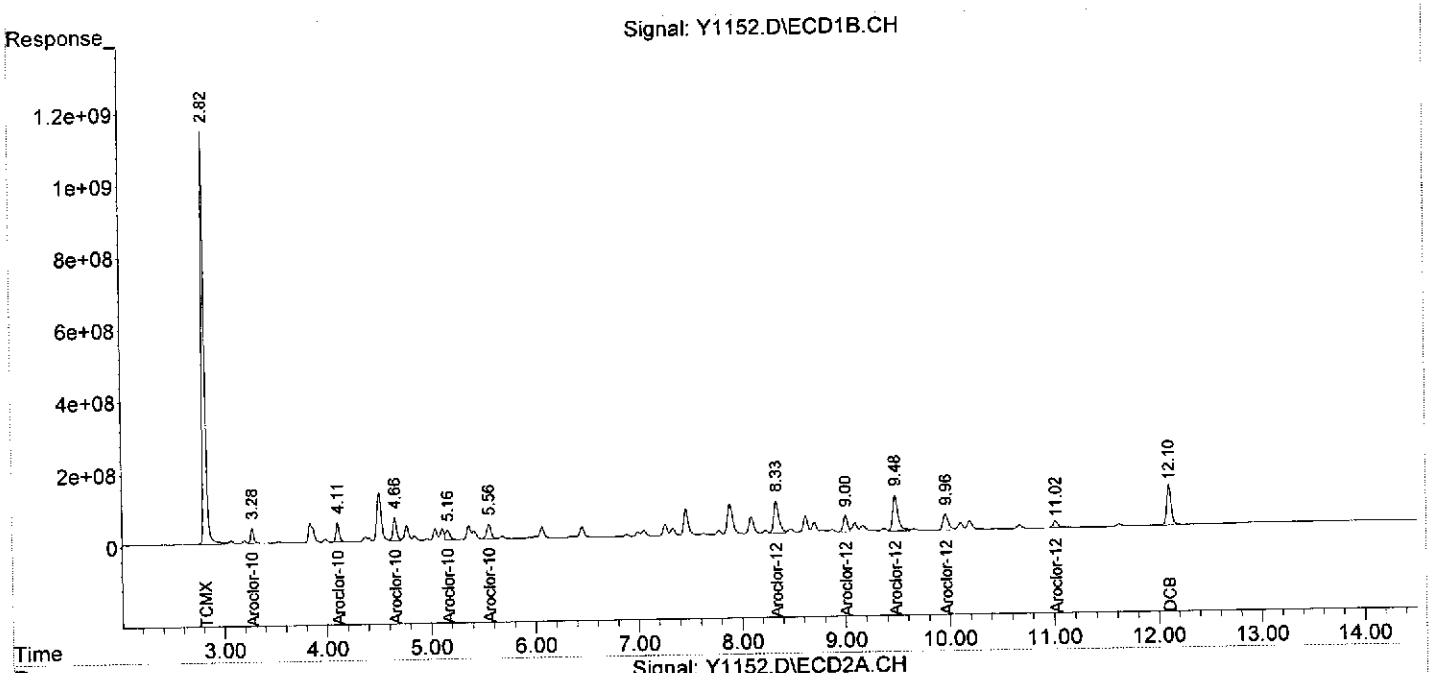
Quantitation Report (QT Reviewed)

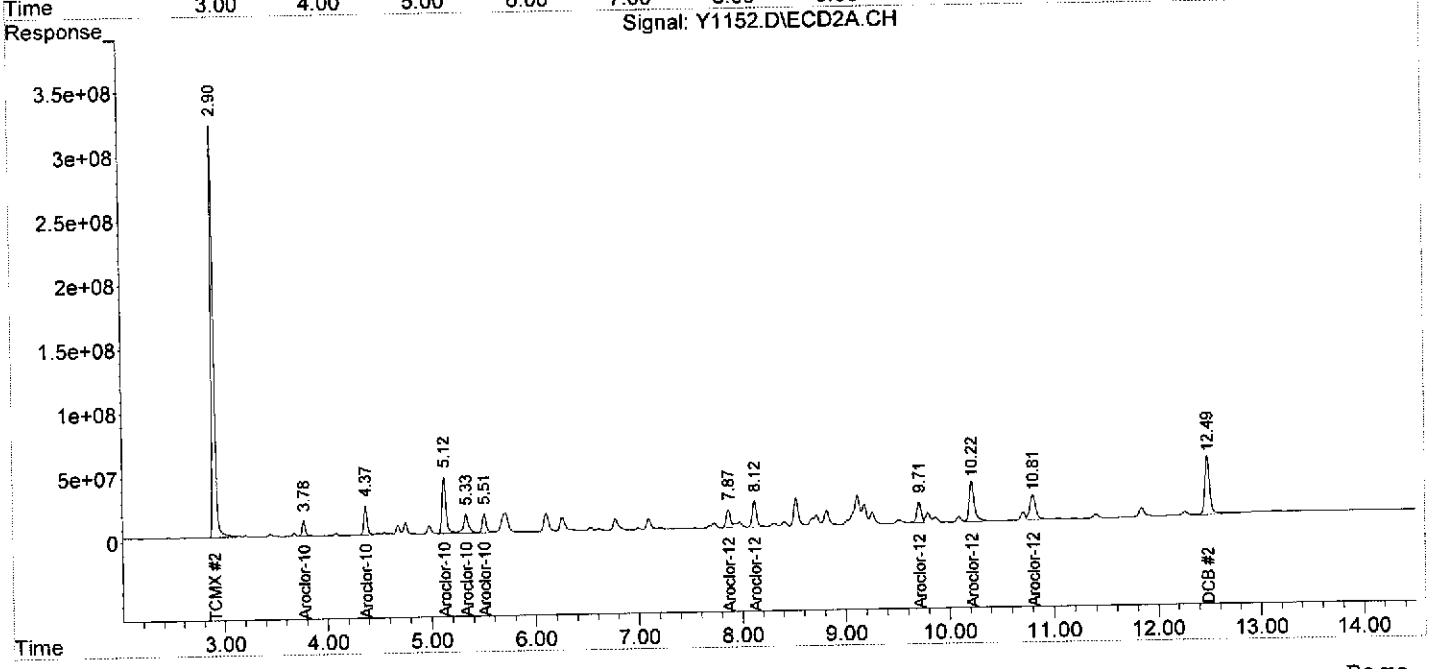
Data Path : C:\MSDCHEM\1\DATA\08-27-12\
Data File : Y1152.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 27 Aug 2012 18:18
Operator : YG
Sample : 8082_C_IAS_4395,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 3 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 28 07:54:45 2012
Quant Method : C:\MSDCHEM\1\METHODS\YPCB0827.M
Quant Title :
QLast Update : Tue Aug 28 07:53:32 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :

Signal #2 Phase:
Signal #2 Info :





Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-30-12\
Data File : R3536.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Aug 2012 15:58
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 31 13:22:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Fri Aug 31 13:21:39 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :

Compound	RT#1	RT#2	Resp#1	Resp#2	ng#1	ng#2
System Monitoring Compounds						
1) S TCMX	3.48	3.38	39131.8E6	34268.9E6	250.811	239.737
Spiked Amount 200.000			Recovery	=	125.41%	119.87%
2) S DCB	13.10	13.16	13107.9E6	8226.1E6	249.444	263.137
Spiked Amount 200.000			Recovery	=	124.72%	131.57%
Target Compounds						
Sum Aroclor-1016			0	0	N.D.	N.D.
Average Aroclor-1016					0.000	0.000
Sum Aroclor-1221			0	0	N.D.	N.D.
Average Aroclor-1221					0.000	0.000
Sum Aroclor-1232			0	0	N.D.	N.D.
Average Aroclor-1232					0.000	0.000
Sum Aroclor-1242			0	0	N.D.	N.D.
Average Aroclor-1242					0.000	0.000
23) L6 Aroclor-1248	5.30	5.68	3820.5E6	3005.0E6	500.000	500.000
24) L6 Aroclor-1248 {2}	5.86	6.28	2092.4E6	4212.3E6	500.000	500.000
25) L6 Aroclor-1248 {3}	6.20	6.68	2109.9E6	3207.8E6	500.000	500.000
26) L6 Aroclor-1248 {4}	6.92	6.84	4314.8E6	2699.6E6	500.000	500.000
27) L6 Aroclor-1248 {5}	7.20	7.20	3517.8E6	1553.7E6	500.000	500.000
Sum Aroclor-1248			15855.4E6	14678.5E6	2500.000	2500.000
Average Aroclor-1248					500.000	500.000
Sum Aroclor-1254			0	0	N.D.	N.D.
Average Aroclor-1254					0.000	0.000
Sum Aroclor-1260			0	0	N.D.	N.D.
Average Aroclor-1260					0.000	0.000
Sum Aroclor-1262			0	0	N.D.	N.D.
Average Aroclor-1262					0.000	0.000
Sum Aroclor-1268			0	0	N.D.	N.D.
Average Aroclor-1268					0.000	0.000

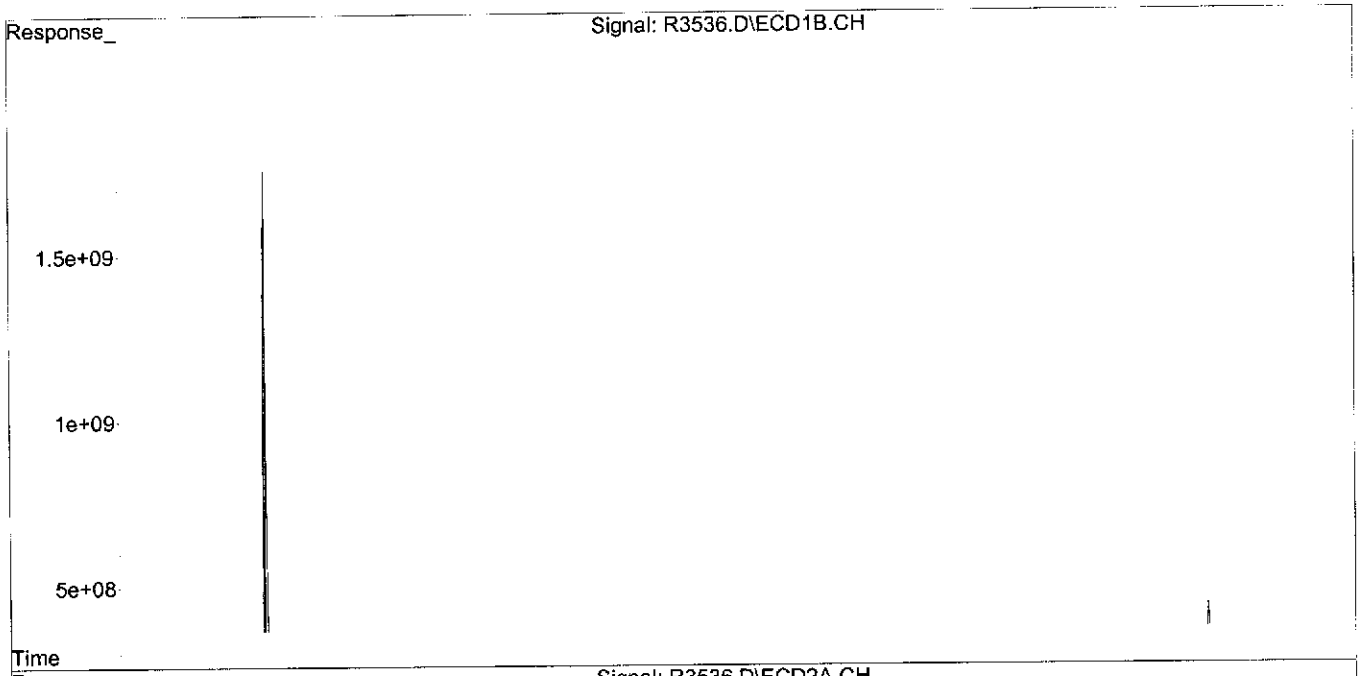
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

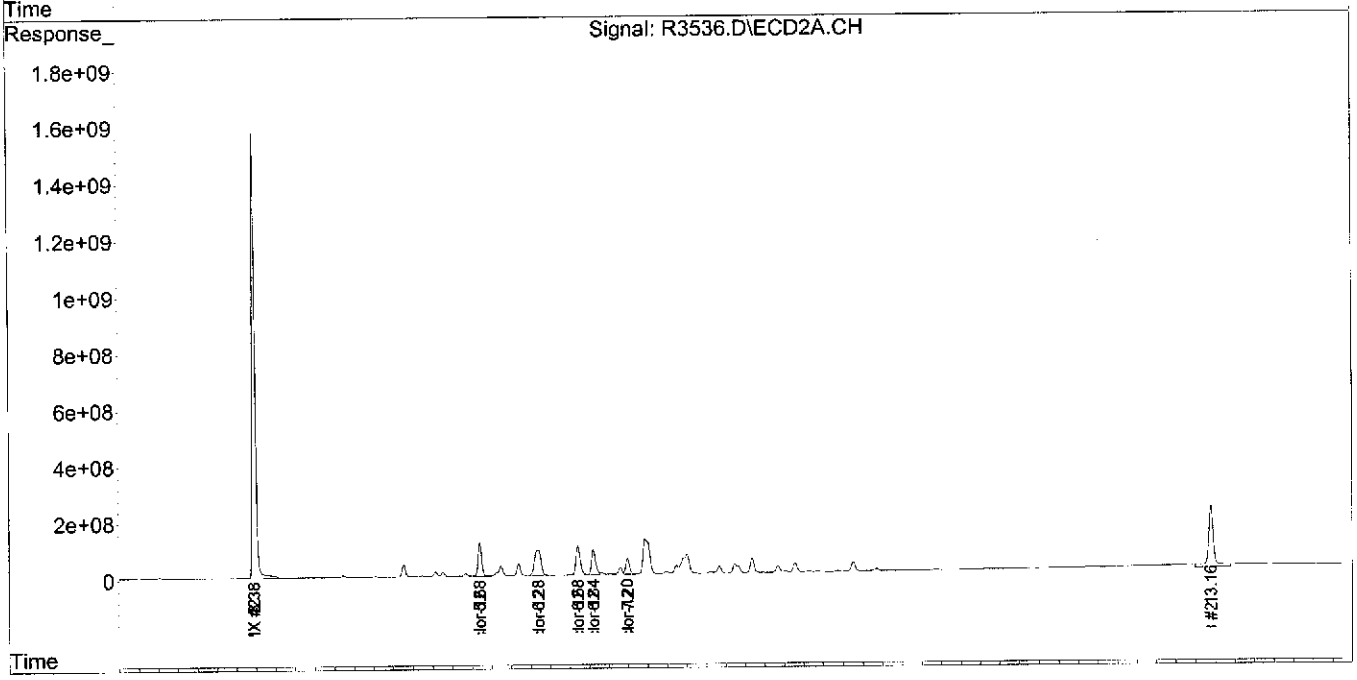
Quantitation Report (QT Reviewed)

Data Path : C:\MSDCHEM\1\DATA\08-30-12\
Data File : R3536.D
Signal(s) : Signal #1: ECD1B.CH Signal #2: ECD2A.CH
Acq On : 30 Aug 2012 15:58
Operator : YG
Sample : 8082_1248_IAS_4309,0.5_PPM
Misc : NA,NA,NA,1
ALS Vial : 9 Sample Multiplier: 1

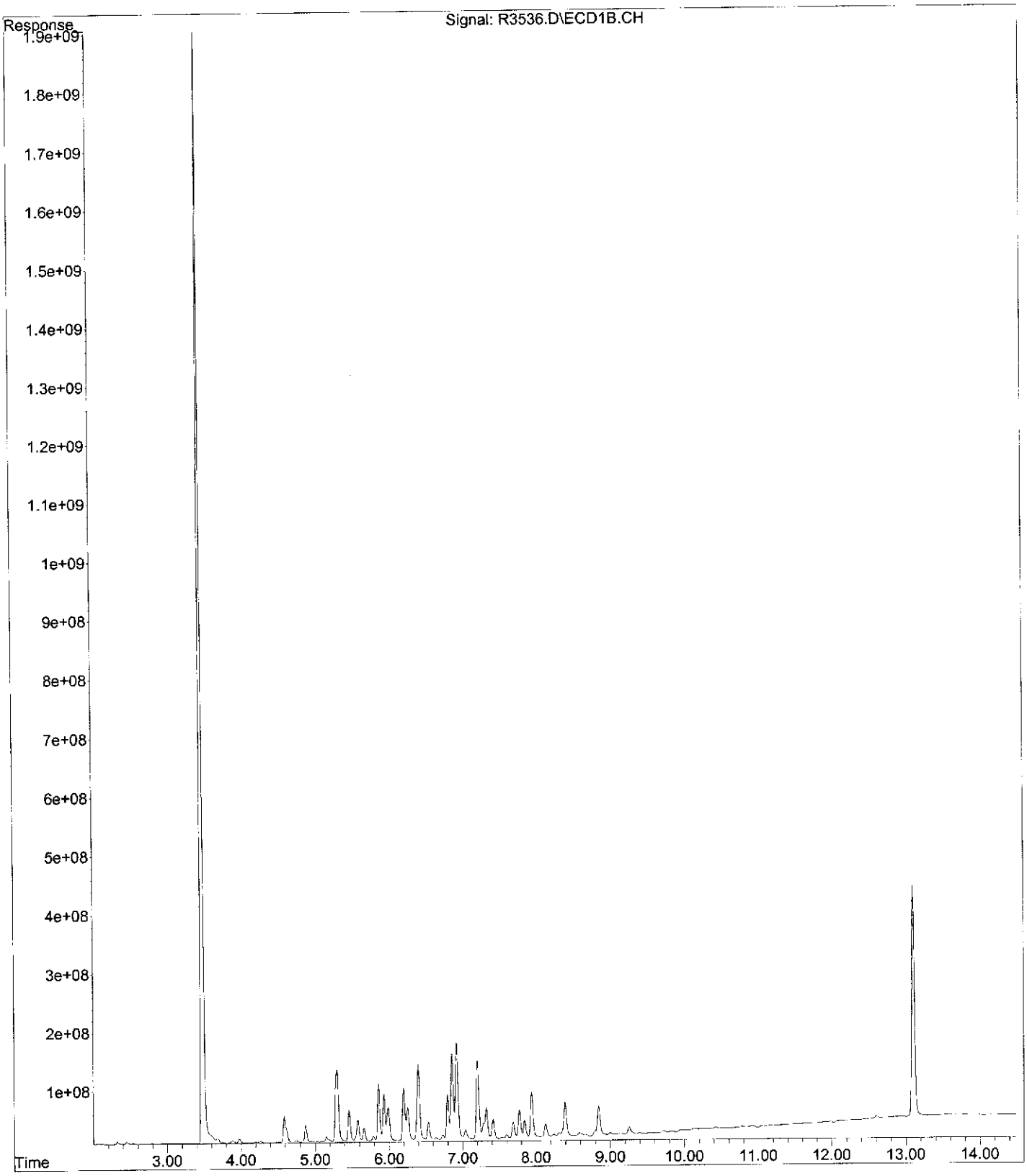
Integration File signal 1: EVENTS.E
Integration File signal 2: EVENTS2.E
Quant Time: Aug 31 13:22:19 2012
Quant Method : C:\MSDCHEM\1\METHODS\RPCB0830.M
Quant Title :
QLast Update : Fri Aug 31 13:21:39 2012
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
Signal #1 Phase : Signal #2 Phase:
Signal #1 Info : Signal #2 Info :





File :C:\MSDCHEM\1\DATA\08-30-12\R3536.D
Operator : YG
Acquired : 30 Aug 2012 15:58 using AcqMethod RPCB0830.M
Instrument : GC_R
Sample Name: 8082_1248_IAS_4309,0.5_PPM
Misc Info : NA,NA,NA,1
Vial Number: 9



SAMPLE TRACKING

IAL
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Ansynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water; OI - Oil LIQ - Liquid (Specify) OT - Other (Specify); S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS

BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	BCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
M-12 (0-20)		9/11/12	8:50	S	1	1	X						
M-12 (20-40)			8:51	S	1	2	X						
M-12 (40-50)			8:52	S	1	3	X						
M-12 (50 60)			8:53	S	1	4	X						
M-13 (0-20)			9:10	S	1	5	X						
M-13 (20-40)			9:11	S	1	6	X						
M-13 (40-5.25)			9:12	S	1	7	X						
M-13 (5.25-60)			9:13	S	1	8	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	9/11/12	15:02	Received by:	9/11/12	15:02
Relinquished by:	9/11/12	16:28	Received by:	9/11/12	16:28
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 09199

PAGE: 1 of 7

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Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

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PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

Sample Matrix
DW - Drinking Water AQ - Aqueous WW - Waste Water
OI - Oil LIQ - Liquid (Specify) OT - Other (Specify)
S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / **# BOTTLES & PRESERVATIVES**

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
M-14 (0-2.0)		9/11/12	9:48	S	1	9	X						
M-14 (2.0-4.0)			9:49	S	1	10	X						
M-14 (4.0-5.25)			9:50	S	1	11	X						
M-14 (5.25-6.0)			9:51	S	1	12	X						
M-15 (0-2.0)			10:07	S	1	13	X						
M-15 (2.0-4.0)			10:08	S	1	14	X						
M-15 (4.0-5.0)			10:09	S	1	15	X						
M-15 (5.0-6.0)			10:10	S	1	16	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): IAL Courier _____Client Courier _____FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	9/11/12	15:02	Received by:	9/11/12	15:02
Relinquished by:	9/11/12	1628	Received by:	9/11/12	1628
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 09199

PAGE: 2 of 7

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Integrated Analytical Labs
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Randolph, NJ 07869

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Web: www.ialonline.com

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Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) — NJ EPH Fractionated (5 day TAT)
NJ EPH - C40 (5 day TAT)
DRO-8015 (3-5 day TAT) — QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified
24 hr** 48 hr** 72 hr** 96 hr** 1 wk**
Other** (specify):
Hard Copy: Std 3 week * — Other - call for price

Rush TAT Charge **: 24 hr - 100%.... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp ___<4___ 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS — # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	TCL PCB extract and hold	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAC	Sterile
N-15 (0-2.0)		9/11/12	10:39	S	1	17	x							
N-15 (2.0-4.0)			10:40	S	1	18	x							
N-15 (4.0-5.0)			10:41	S	1	19	x							
N-15 (5.0-6.0)			10:42	S	1	20	x							
P-15 (4.0-5.0)			11:05	S	1	21	x							
P-15 (5.0-6.0)			11:06	S	1	22	x							
P-15 (6.0-7.0)			11:07	S	1	23	x							
P-15 (7.0-8.0)			11:08	S	1	24	x	X						

Known Hazard: Yes or No Describe: — Conc. Expected: Low Med High — MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): ____ IAL Courier ____ Client Courier ____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	9/11/12	1502	Received by:	9/11/12	1502
Relinquished by:	9/11/12	1628	Received by:	9/11/12	1628
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 09199

PAGE: 3 of 7

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IAL Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869

Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO	
Company: JMC Environmental Consultants, Inc.	REPORT TO:	James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address:	same
Point Pleasant, NJ 08742		
Telephone #: (732) 295-2144	Attn:	
Fax #: (732) 295-2150	FAX # (732) 295-2150	
Project Manager: James Clabby	INVOICE TO:	Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court	
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050	
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))	
Project Location (State): NJ	Attn: Ed Kelly	
Bottle Order #:	PO # 22126	
Quote # : SR041205		

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NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

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24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

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Cooler Temp ___<4___ °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
0-16 (0-2.0)		9/11/12	11:50			25	x						
0-16 (2.0-4.0)			11:51			26	x						
0-16 (4.0-5.0)			11:52			27	x						
0-16 (5.0-6.0)			11:53			28	x						
0-17 (0-2.0)			12:10			29	x						
0-17 (2.0-4.0)			12:11			30	x						
0-17 (4.0-4.5)			12:12			31	x						
0-17 (4.5-5.25)			12:13			32	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

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Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	9/11/12	1500	Received by:	9/11/12	1500
Relinquished by:	9/11/12	1628	Received by:	9/11/12	1628
Relinquished by:			Received by:		
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Lab Case # 09199

PAGE: 4 of 7

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Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
O-17 (5.25-6.0)		9/11/12	12:14	S	1	33	X						
O-18 (0-2.0')			12:59	S	1	34	X						
O-18 (2.0'-4.0')			1:00	S	1	35	X						
O-18 (4.0'-5.0')			1:02	S	1	36	X						
O-18 (5.0'-6.0')			1:03	S	1	37	X						
O-19 (0-2.0')			1:22	S	1	38	X						
O-19 (2.0-4.0')			1:23	S	1	39	X						
O-19 (4.0-5.0')			1:25	S	1	40	X						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

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Relinquished by:			Received by:		
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Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water; OI - Oil LIQ - Liquid (Specify) OT - Other (Specify); S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
O-19 (5.0-6.0')		9/11/12	1:26	S	1	41	x						
O-21 (0-2.0')			1:40	S	1	42	x						
O-21 (2.0-4.0')			1:41	S	1	43	x						
O-21 (4.0-5.0')			1:42	S	1	44	x						
O-21 (5.0-6.0')			1:42	S	1	45	x						
N-21 (0-2.0')			2:01	S	1	46	x						
N-21 (2.0-4.0')			2:02	S	1	47	x						
N-21 (4.0-5.25')			2:03	S	1	48	x						

Known Hazard: Yes or No Describe: Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____ Client Courier _____ FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	9/11/12	1500	Received by:	9/11/12	1502
Relinquished by:	9/11/12	1628	Received by:	9/11/12	1628
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 09199

PAGE: 6 of 7

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

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10/2010 rev

IAL
Integrated Analytical Laboratories LLC
Integrated Analytical Labs
273 Franklin Rd
Randolph, NJ 07869
Contact Us: 973 361-4252
fax: 973 989-5288
Web: www.ialonline.com

CUSTOMER INFO	REPORTING INFO
Company: JMC Environmental Consultants, Inc.	REPORT TO: James Clabby
Address: 2109 Bridge Ave., Bldg. B	Address: same
Point Pleasant, NJ 08742	
Telephone #: (732) 295-2144	Attn:
Fax #: (732) 295-2150	FAX # (732) 295-2150
Project Manager: James Clabby	INVOICE TO: Aceto Corp.
EMAIL Address: jclabby@jmcenvironmental.com	Address: 4 Tri Harbor Court
Sampler: Alton Hallgreen, Steve Kosch	Port Washington, NY 11050
Project Name: Arsynco	(with copy to: JMC Environmental (attn.: J. Clabby))
Project Location (State): NJ	Attn: Ed Kelly
Bottle Order #:	PO # 22126
Quote # : SR041205	

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)

*Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. **RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE

PHC - MUST CHOOSE

NJ EPH DRO (5 day TAT) NJ EPH Fractionated (5 day TAT)

NJ EPH - C40 (5 day TAT)

DRO-8015 (3-5 day TAT) QAM025 (5 day TAT)

Verbal/Fax: Std 2 wk unless otherwise specified

24 hr** 48 hr** 72 hr** 96 hr** 1 wk**

Other** (specify):

Hard Copy: Std 3 week * Other - call for price

Rush TAT Charge **: 24 hr - 100%... 48 hr - 75%.... 72 hr - 50%.... 96 hr - 35%.... 5 day - 25%.... 6-9 day 10%

Report Format: Results Only; Reduced; Regulatory - 15% Surcharge applies; Other (describe)

EDDs: SRP format; lab approved custom EDD; NO EDD/CD REQ'D

Cooler Temp <4 4 °C

SAMPLE INFORMATION

Sample Matrix: DW - Drinking Water AQ - Aqueous WW - Waste Water OI - Oil LIQ - Liquid (Specify) OT - Other (Specify) S - Soil SL - Sludge SOL - Solid W - Wipe

ANALYTICAL PARAMETERS / # BOTTLES & PRESERVATIVES

Client ID	Depth (ft only)	Sampling Date	Sampling Time	Matrix	# containers	IAL #	TCL PCB (8082)	HCL	HNO3	MeOH	H2SO4	NAOH/ZNAc	Sterile
N-21 (5.25-6.0)		9/11/12	2:04	S	1	49	X						
N-20 (0-2.0')		↓	2:42	S	1	50	X						
N-20 (2.0'-4.0')			2:44	S	1	51	X						
N-20 (4.0'-5.0')			2:45	S	1	52	X						
N-20 (5.0-6.0)			2:46	S	1	53	X						
FB-40		✓	2:55	AQ	2	54	X						
							X						
							X						

Known Hazard: Yes or No Describe:

Conc. Expected: Low Med High

MDL Req: GWQS (11/05) - SRS - SRS/IGW - SRS Residential - OTHER (SEE COMMENTS)

Please print legibly and fill out completely. Samples cannot be processed and the turnaround time will not start until any ambiguities have been resolved.

Carrier (check one): _____ IAL Courier _____Client Courier _____FedEx/UPS

Signature/Company	Date	Time	Signature/Company	Date	Time
Relinquished by:	9/11/12	1502	Received by:	9/11/12	1502
Relinquished by:	9/11/12	1628	Received by:	9/11/12	1628
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		

Comments:

Lab Case # 09199

PAGE: 7 of 7

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0209 0109

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PROJECT INFORMATION

E12-09199

Case No. E12-09199 **Project** ARSYNCO

Customer	**JMC Environmental Consultants**	**P.O. #**	22126
Contact	Jim Clabby	**Received**	9/11/2012 16:28
EMail	jclabby@jmcenvironmental.com; ahallgreen@jmcenvironmental.co tadams@jmcenvironmenta... ☑ EMail EDDs	**Verbal Due**	10/24/2012
Phone	(732) 295-7144 **Fax** (732) 295-2150	**Report Due**	10/31/2012

Report To

2109 Bridge Avenue
Building B
Point Pleasant, NJ 08742
Attn: Jim Clabby

Bill To

Aceto Corp.
4 Tri Harbor Court
Port Washington, NY 11050
Attn: Mr. Ed Kelly

Report Format **Reduced**

Additional Info ☐ State Form ☐ Field Sampling ☐ Conditional VOA

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
09199-001	M-12 (0-2.0)	0 / 2	9/11/2012@08:50	Soil	mg/Kg	1
09199-002	M-12 (2.0-4.0)	2 / 4	9/11/2012@08:51	Soil	mg/Kg	1
09199-003	M-12 (4.0-5.0)	4 / 5	9/11/2012@08:52	Soil	mg/Kg	1
09199-004	M-12 (5.0-6.0)	5 / 6	9/11/2012@08:53	Soil	mg/Kg	1
09199-005	M-13 (0-2.0)	0 / 2	9/11/2012@09:10	Soil	mg/Kg	1
09199-006	M-13 (2.0-4.0)	2 / 4	9/11/2012@09:11	Soil	mg/Kg	1
09199-007	M-13 (4.0-5.25)	4 / 5.25	9/11/2012@09:12	Soil	mg/Kg	1
09199-008	M-13 (5.25-6.0)	5.25 / 6	9/11/2012@09:13	Soil	mg/Kg	1
09199-009	M-14 (0-2.0)	0 / 2	9/11/2012@09:48	Soil	mg/Kg	1
09199-010	M-14 (2.0-4.0)	2 / 4	9/11/2012@09:49	Soil	mg/Kg	1
09199-011	M-14 (4.0-5.25)	4 / 5.25	9/11/2012@09:50	Soil	mg/Kg	1
09199-012	M-14 (5.25-6.0)	5.25 / 6	9/11/2012@09:51	Soil	mg/Kg	1
09199-013	M-15 (0-2.0)	0 / 2	9/11/2012@10:07	Soil	mg/Kg	1
09199-014	M-15 (2.0-4.0)	2 / 4	9/11/2012@10:08	Soil	mg/Kg	1
09199-015	M-15 (4.0-5.0)	4 / 5	9/11/2012@10:09	Soil	mg/Kg	1
09199-016	M-15 (5.0-6.0)	5 / 6	9/11/2012@10:10	Soil	mg/Kg	1
09199-017	N-15 (0-2.0)	0 / 2	9/11/2012@10:39	Soil	mg/Kg	1
09199-018	N-15 (2.0-4.0)	2 / 4	9/11/2012@10:40	Soil	mg/Kg	1
09199-019	N-15 (4.0-5.0)	4 / 5	9/11/2012@10:41	Soil	mg/Kg	1
09199-020	N-15 (5.0-6.0)	5 / 6	9/11/2012@10:42	Soil	mg/Kg	1
09199-021	P-15 (4.0-5.0)	4 / 5	9/11/2012@11:05	Soil	mg/Kg	1
09199-022	P-15 (5.0-6.0)	5 / 6	9/11/2012@11:06	Soil	mg/Kg	1
09199-023	P-15 (6.0-7.0)	6 / 7	9/11/2012@11:07	Soil	mg/Kg	1
09199-024	P-15 (7.0-8.0)	7 / 8	9/11/2012@11:08	Soil	mg/Kg	1
09199-025	O-16 (0-2.0)	0 / 2	9/11/2012@11:50	Soil	mg/Kg	1
09199-026	O-16 (2.0-4.0)	2 / 4	9/11/2012@11:51	Soil	mg/Kg	1
09199-027	O-16 (4.0-5.0)	4 / 5	9/11/2012@11:52	Soil	mg/Kg	1
09199-028	O-16 (5.0-6.0)	5 / 6	9/11/2012@11:53	Soil	mg/Kg	1

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PROJECT INFORMATION

E12-09199

Case No. E12-09199 Project ARSYNCO

Lab ID	Client Sample ID	Depth Top / Bottom	Sampling Time	Matrix	Unit	# of Containers
09199-029	O-17 (0-2.0)	0 / 2	9/11/2012@12:10	Soil	mg/Kg	1
09199-030	O-17 (2.0-4.0)	2 / 4	9/11/2012@12:11	Soil	mg/Kg	1
09199-031	O-17 (4.0-4.5)	4 / 4.5	9/11/2012@12:12	Soil	mg/Kg	1
09199-032	O-17 (4.5-5.25)	4.5 / 5.25	9/11/2012@12:13	Soil	mg/Kg	1
09199-033	O-17 (5.25-6.0)	5.25 / 6	9/11/2012@12:14	Soil	mg/Kg	1
09199-034	O-18 (0-2.0)	0 / 2	9/11/2012@12:59	Soil	mg/Kg	1
09199-035	O-18 (2.0-4.0)	2 / 4	9/11/2012@13:00	Soil	mg/Kg	1
09199-036	O-18 (4.0-5.0)	4 / 5	9/11/2012@13:02	Soil	mg/Kg	1
09199-037	O-18 (5.0-6.0)	5 / 6	9/11/2012@13:03	Soil	mg/Kg	1
09199-038	O-19 (0-2.0)	0 / 2	9/11/2012@13:22	Soil	mg/Kg	1
09199-039	O-19 (2.0-4.0)	2 / 4	9/11/2012@13:23	Soil	mg/Kg	1
09199-040	O-19 (4.0-5.0)	4 / 5	9/11/2012@13:25	Soil	mg/Kg	1
09199-041	O-19 (5.0-6.0)	5 / 6	9/11/2012@13:26	Soil	mg/Kg	1
09199-042	O-21 (0-2.0)	0 / 2	9/11/2012@13:40	Soil	mg/Kg	1
09199-043	O-21 (2.0-4.0)	2 / 4	9/11/2012@13:41	Soil	mg/Kg	1
09199-044	O-21 (4.0-5.0)	4 / 5	9/11/2012@13:42	Soil	mg/Kg	1
09199-045	O-21 (5.0-6.0)	5 / 6	9/11/2012@13:42	Soil	mg/Kg	1
09199-046	N-21 (0-2.0)	0 / 2	9/11/2012@14:01	Soil	mg/Kg	1
09199-047	N-21 (2.0-4.0)	2 / 4	9/11/2012@14:02	Soil	mg/Kg	1
09199-048	N-21 (4.0-5.25)	4 / 5.25	9/11/2012@14:03	Soil	mg/Kg	1
09199-049	N-21 (5.25-6.0)	5.25 / 6	9/11/2012@14:04	Soil	mg/Kg	1
09199-050	N-20 (0-2.0)	0 / 2	9/11/2012@14:42	Soil	mg/Kg	1
09199-051	N-20 (2.0-4.0)	2 / 4	9/11/2012@14:44	Soil	mg/Kg	1
09199-052	N-20 (4.0-5.0)	4 / 5	9/11/2012@14:45	Soil	mg/Kg	1
09199-053	N-20 (5.0-6.0)	5 / 6	9/11/2012@14:46	Soil	mg/Kg	1
09199-054	FB-40	n/a	9/11/2012@14:55	Aqueous	mg/L	2

Sample #	Tests	Status	QA Method
001	TCL PCB	Complete	8082
002	TCL PCB	Complete	8082
003	TCL PCB	Complete	8082
004	TCL PCB	Complete	8082
005	TCL PCB	Complete	8082
006	TCL PCB	Complete	8082
007	TCL PCB	Complete	8082
008	TCL PCB	Complete	8082
009	TCL PCB	Complete	8082
010	TCL PCB	Complete	8082
011	TCL PCB	Complete	8082
012	TCL PCB	Complete	8082
013	TCL PCB	Complete	8082
014	TCL PCB	Complete	8082
015	TCL PCB	Complete	8082
016	TCL PCB	Complete	8082
017	TCL PCB	Complete	8082

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PROJECT INFORMATION

E12-09199

Case No. E12-09199 **Project** ARSYNCO

Sample #	Tests	Status	QA Method
018	TCL PCB	Complete	8082
019	TCL PCB	Complete	8082
020	TCL PCB	Complete	8082
021	TCL PCB	Complete	8082
022	TCL PCB	Complete	8082
023	TCL PCB	Complete	8082
024	Extract_Hold(PCB)	Complete	8082
"	TCL PCB	Run	8082
025	TCL PCB	Complete	8082
026	TCL PCB	Complete	8082
027	TCL PCB	Complete	8082
028	TCL PCB	Complete	8082
029	TCL PCB	Complete	8082
030	TCL PCB	Complete	8082
031	TCL PCB	Complete	8082
032	TCL PCB	Complete	8082
033	TCL PCB	Complete	8082
034	TCL PCB	Complete	8082
035	TCL PCB	Complete	8082
036	TCL PCB	Complete	8082
037	TCL PCB	Complete	8082
038	TCL PCB	Complete	8082
039	TCL PCB	Complete	8082
040	TCL PCB	Complete	8082
041	TCL PCB	Complete	8082
042	TCL PCB	Complete	8082
043	TCL PCB	Complete	8082
044	TCL PCB	Complete	8082
045	TCL PCB	Complete	8082
046	TCL PCB	Complete	8082
047	TCL PCB	Complete	8082
048	TCL PCB	Complete	8082
049	TCL PCB	Complete	8082
050	TCL PCB	Complete	8082
051	TCL PCB	Complete	8082
052	TCL PCB	Complete	8082
053	TCL PCB	Complete	8082
054	TCL PCB	Complete	8082

10/10/2012 15:37 by Brian - REV 1

REV 01 DUE 10/24

AS PER JIM CLABBY, ACTIVATE SAMPLE 024 FOR TCL PCB ON A STANDARD TURNAROUND.

ORIG VERBAL SENT 9/26

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INTEGRATED ANALYTICAL LABORATORIES, LLC

SAMPLE RECEIPT VERIFICATION

CASE NO: **E 12** **09199** CLIENT: JMC

COOLER TEMPERATURE: 2° - 6°C: ✓ (See Chain of Custody)

Comments

COC: (COMPLETE) / INCOMPLETE

KEY

✓ **= YES/NA**
✗ **= NO**

✓ Bottles Intact
✓ no-Missing Bottles
✓ no-Extra Bottles

✓ Sufficient Sample Volume
✓ no-headspace/bubbles in VOs
✓ Labels intact/correct
✓ pH Check (exclude VOs)[1]
✓ Correct bottles/preservative
✓ Sufficient Holding/Prep Time[1]
[ ] Sample to be Subcontracted
✓ **Chain of Custody is Clear**

[1] All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY: INITIAL [signature] DATE 9/6/12

CORRECTIVE ACTION REQUIRED: **YES** [ ] (SEE BELOW) **NO** [ ]

If COC is **NOT** clear, ***STOP*** until you get client to authorize/clarify work.

CLIENT NOTIFIED: YES [ ] Date/ Time: _____ NO [ ]

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY: INITIAL [signature] DATE 9/6/12

E12-09199 0266

REV 03/2009

Laboratory Custody Chronicle

IAL Case No. E12-09199

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/11/2012@16:28

Department: GC

			Prep. Date	Analyst	Analysis Date	Analyst
TCL PCB	09199-001	Soil	9/14/12	Archimede	9/17/12	Julia
"	-002	"	9/14/12	Archimede	9/18/12	Julia
"	-003	"	9/14/12	Archimede	9/18/12	Julia
"	-004	"	9/14/12	Archimede	9/17/12	Julia
"	-005	"	9/14/12	Archimede	9/18/12	Julia
"	-006	"	9/14/12	Archimede	9/17/12	Julia
"	-007	"	9/14/12	Archimede	9/18/12	Julia
"	-008	"	9/14/12	Archimede	9/17/12	Julia
"	-009	"	9/14/12	Archimede	9/18/12	Julia
"	-010	"	9/14/12	Archimede	9/17/12	Julia
"	-011	"	9/14/12	Archimede	9/18/12	Julia
"	-012	"	9/14/12	Archimede	9/17/12	Julia
"	-013	"	9/14/12	Archimede	9/18/12	Julia
"	-014	"	9/14/12	Archimede	9/17/12	Julia
"	-015	"	9/14/12	Archimede	9/18/12	Julia
"	-016	"	9/14/12	Archimede	9/17/12	Julia
"	-017	"	9/14/12	Archimede	9/17/12	Julia
"	-018	"	9/14/12	Archimede	9/17/12	Julia
"	-019	"	9/14/12	Archimede	9/17/12	Julia
"	-020	"	9/14/12	Archimede	9/18/12	Julia
"	-021	"	9/14/12	Archimede	9/18/12	Julia
"	-022	"	9/14/12	Archimede	9/18/12	Julia
"	-023	"	9/14/12	Archimede	9/19/12	Julia
"	-024	"	9/14/12	Archimede	9/18/12	Julia
"	-025	"	9/14/12	Archimede	9/17/12	Julia
"	-026	"	9/14/12	Archimede	9/17/12	Julia
"	-027	"	9/14/12	Archimede	9/18/12	Julia
"	-028	"	9/14/12	Archimede	9/18/12	Julia
"	-029	"	9/14/12	Archimede	9/18/12	Julia
"	-030	"	9/14/12	Archimede	9/18/12	Julia
"	-031	"	9/14/12	Archimede	9/18/12	Julia
"	-032	"	9/14/12	Archimede	9/18/12	Julia
"	-033	"	9/14/12	Archimede	9/18/12	Julia
"	-034	"	9/14/12	Archimede	9/18/12	Julia
"	-035	"	9/14/12	Archimede	9/18/12	Julia
"	-036	"	9/14/12	Archimede	9/18/12	Julia
"	-037	"	9/14/12	Archimede	9/17/12	Julia
"	-038	"	9/14/12	Archimede	9/18/12	Julia
"	-039	"	9/14/12	Archimede	9/17/12	Julia
"	-040	"	9/14/12	Archimede	9/17/12	Julia
"	-041	"	9/14/12	Archimede	9/17/12	Julia
"	-042	"	9/14/12	Archimede	9/17/12	Julia
"	-043	"	9/14/12	Archimede	9/17/12	Julia
"	-044	"	9/14/12	Archimede	9/17/12	Julia
"	-045	"	9/14/12	Archimede	9/17/12	Julia
"	-046	"	9/14/12	Archimede	9/17/12	Julia

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Laboratory Custody Chronicle

IAL Case No.

E12-09199

Client JMC Environmental Consultants

Project ARSYNCO

Received On 9/11/2012@16:28

"	-047	"	9/14/12	Archimede	9/17/12	Julia
"	-048	"	9/14/12	Archimede	9/17/12	Julia
"	-049	"	9/14/12	Archimede	9/17/12	Julia
"	-050	"	9/14/12	Archimede	9/18/12	Julia
"	-051	"	9/14/12	Archimede	9/18/12	Julia
"	-052	"	9/14/12	Archimede	9/17/12	Julia
"	-053	"	9/14/12	Archimede	9/17/12	Julia
"	-054	Aqueous	9/13/12	Archimede	9/15/12	Julia

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