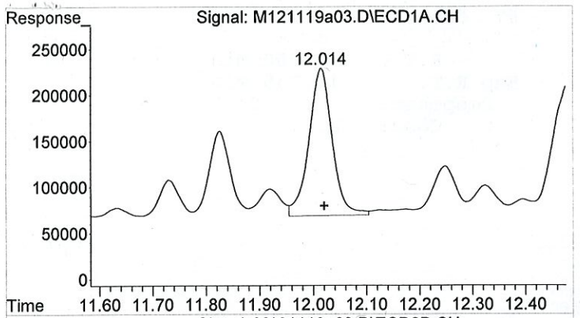
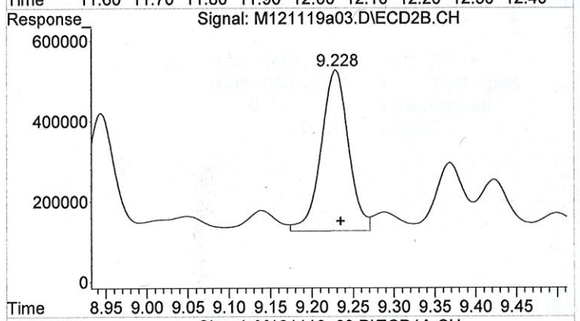


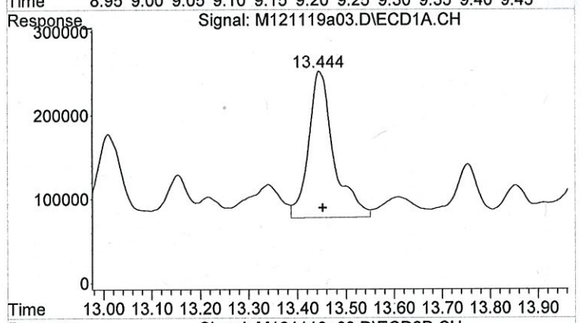
#5 1254-4

R.T.: 12.015 min
Delta R.T.: -0.006 min
Response: 160094
Conc: 98.02 pg/uL



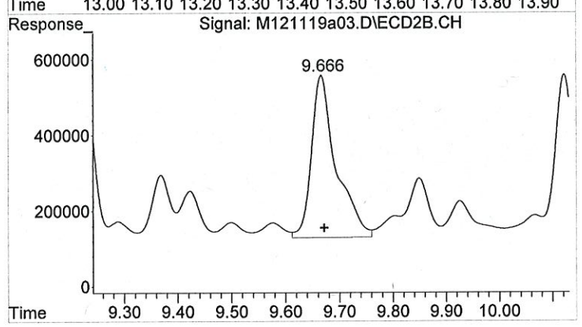
#5 1254-4

R.T.: 9.229 min
Delta R.T.: -0.006 min
Response: 399794
Conc: 153.29 pg/uL



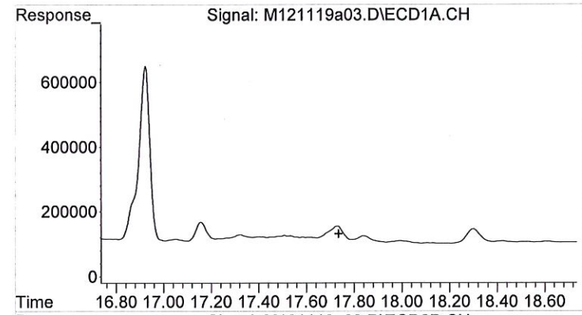
#6 1254-5

R.T.: 13.446 min
Delta R.T.: -0.006 min
Response: 173902
Conc: 137.90 pg/uL



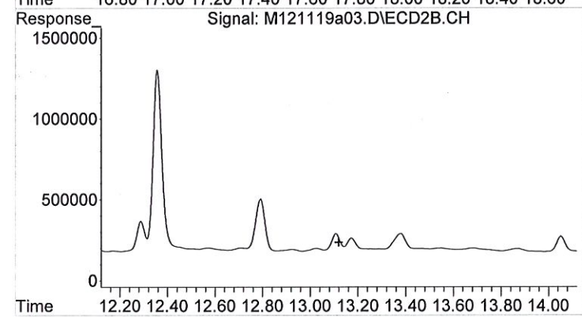
#6 1254-5

R.T.: 9.666 min
Delta R.T.: -0.006 min
Response: 427953
Conc: 145.57 pg/uL



#7 dcb

R.T.: 0.000 min
Exp R.T. : 17.735 min
Response: 0
Conc: N.D.



#7 dcb

R.T.: 0.000 min
Exp R.T. : 13.120 min
Response: 0
Conc: N.D.

PCB Sample Results Summary

Sample.....: 19434314
Data File....: M112019a08.D
Project.....: OCE-009E
Matrix.....: ~~40 - Soil~~ w Air Filter
Analyzed.....: 11/20/2019 12:46
Type.....: 0
Additional Info..: SKY Valley PCB Air Filter Dust 10mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M111219PCB1260.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\M112019a08.D

Date Prepped...: 11/19/2019
ICAL Date.....: 11/12/2019
Prep Method....: 3541
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....: N1
Acq. Method: M012116PCB2B.M
ASEQ Number: 8

Instrument.....: Minerva
Amount Extracted.: 4.09 g
Percent Solids...: 100
Final Volume.....: 10 mL
Dilution.....: 1x D0

m = manual integration
d = deleted
U = Undetected
J = Below calibrated range
E = Exceeds calibrated range

Pk	Low Cal (pg)[1]	High Cal (pg)[1]	Compound Name	RT	Exp RT	Response		Spike (pg)[1]	Amount (pg)[1]	Result	Units	Q
1	2.5	250	tmx (1)	6.95	6.96	601747		20	21	105	%Rec	>0
12	2.5	250	dcb	17.72	17.73	259500	m	20	22	110	%Rec	>0
14	2.5	250	tmx (1) #2	4.71	4.71	1807850		20	20	100	%Rec	>0
25	2.5	250	dcb #2	13.11	13.11	655488	m	20	16	80	%Rec	>0
2	25	2500	1016 -1	-	-	-	d	-	-	61	ug/kg (RL)	U
3	25	2500	1016-2	-	-	-	d	-	-	61	ug/kg (RL)	U
4	25	2500	1016-3	-	-	-	d	-	-	61	ug/kg (RL)	U
5	25	2500	1016-4	-	-	-	d	-	-	61	ug/kg (RL)	U
6	25	2500	1016-5	-	-	-	d	-	-	61	ug/kg (RL)	U
7	25	2500	1260-1	12.48	12.46	421117	m	-	445	1100	ug/kg	
8	25	2500	1260-2	12.89	12.90	256615	m	-	229	560	ug/kg	
9	25	2500	1260-3	13.44	13.45	492703	m	-	407	990	ug/kg	
10	25	2500	1260-4	14.70	14.71	209055	m	-	144	350	ug/kg	
11	25	2500	1260-5	15.29	15.29	175414	m	-	261	640	ug/kg	
15	25	2500	1016 -1 #2	-	-	-	d	-	-	61	ug/kg (RL)	U
16	25	2500	1016-2 #2	-	-	-	d	-	-	61	ug/kg (RL)	U
17	25	2500	1016-3 #2	-	-	-	d	-	-	61	ug/kg (RL)	U
18	25	2500	1016-4 #2	-	-	-	d	-	-	61	ug/kg (RL)	U
19	25	2500	1016-5 #2	-	-	-	d	-	-	61	ug/kg (RL)	U
20	25	2500	1260-1 #2	8.79	8.80	560101	m	-	181	440	ug/kg	
21	25	2500	1260-2 #2	9.23	9.23	1078170	m	-	237	580	ug/kg	
22	25	2500	1260-3 #2	9.66	9.67	1172500	m	-	312	760	ug/kg	
23	25	2500	1260-4 #2	10.25	10.24	294708	m	-	128	310	ug/kg	
24	25	2500	1260-5 #2	10.75	10.76	474235	m	-	98	240	ug/kg	

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
12674112	1016 Column 1	61	ug/kg (RL)	0	NA	
12674112	1016 Column 2	61	ug/kg (RL)	0	NA	
11096825	1260 Column 1	730	ug/kg	5	42 %	
11096825	1260 Column 2	470	ug/kg	5	45 %	43 %

Results will be reported from Column 1

[1]'Amount' units are pg or pg/uL on column. [2]RPD (Relative Percent Difference) is the percent difference between the result of column 1 and the result of column 2. The values are calculated using the non-rounded average result values. (|A-B|/((A+B)*0.5))*100 is the formula used for the calculation. The value should nominally be <= 40%.

Sample Concentration = (Amt)*(Final Volume[mL])*(Dilution)/Amount Extracted = ug/L, ug/kg, ug/g, or ug.

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a08.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 12:46 pm
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Air Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 8 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:55:09 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32
Signal #2 Phase: CLPest2
Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.954	4.713	601747	1807849	21.035	20.095
12) S2 dcb	17.725	13.106	259500	655488	22.098m	15.913m#
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D. d	N.D. d
4) L1 1016-3	0.000	0.000	0	0	N.D. d	N.D. d
5) L1 1016-4	0.000	0.000	0	0	N.D. d	N.D. d
6) L1 1016-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	12.483	8.792	421117	560101	444.602m	180.985m#
8) L2 1260-2	12.894	9.225	256615	1078171	228.728m	236.530m
9) L2 1260-3	13.442	9.662	492703	1172503	406.916m	312.450m
10) L2 1260-4	14.700	10.245	209055	294708	144.193m	127.753m
11) L2 1260-5	15.293	10.755	175414	474235	261.500m	98.231m#
Sum 1260-1			1554903	3579718	1485.939	955.948
Average 1260-1					297.188	191.190

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

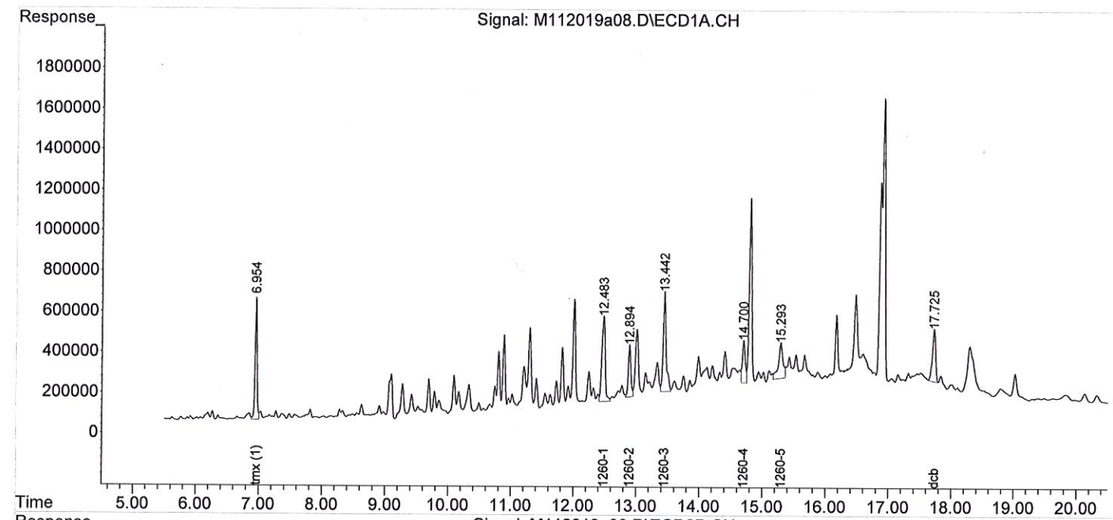
LW 12/6/19

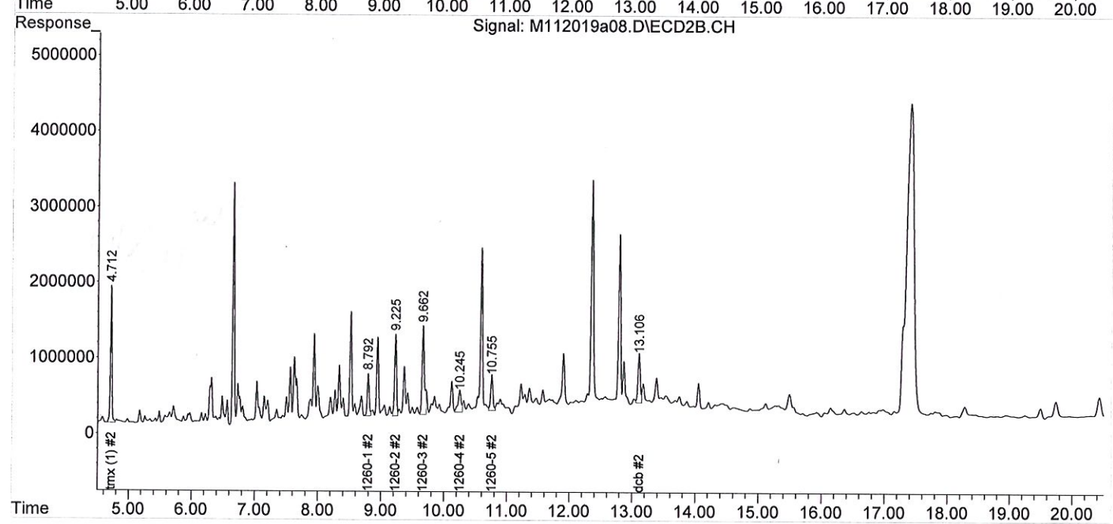
Quantitation Report (QT Reviewed)

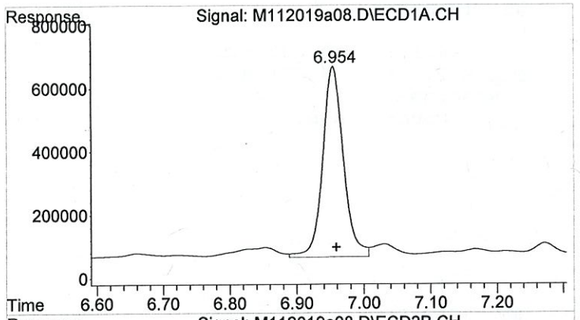
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a08.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 12:46 pm
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Air Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 8 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:55:09 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

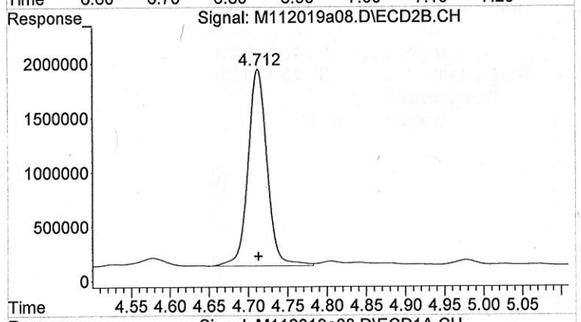






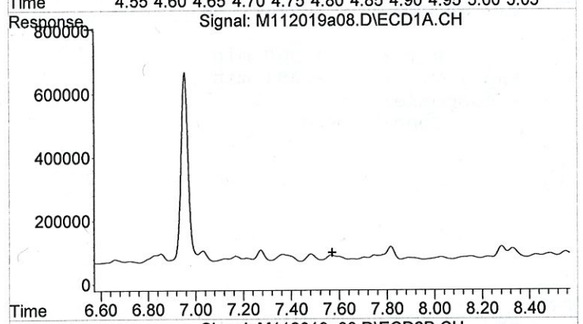
#1 tmx (1)

R.T.: 6.954 min
Delta R.T.: -0.005 min
Response: 601747
Conc: 21.04 pg/uL



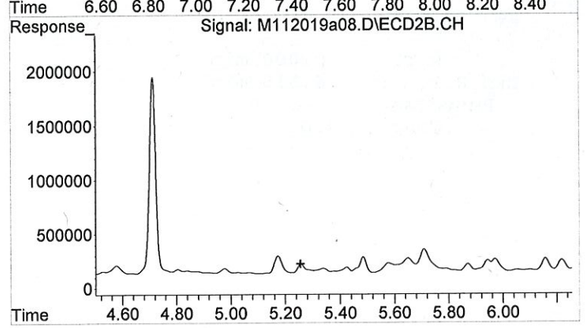
#1 tmx (1)

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 1807849
Conc: 20.09 pg/uL



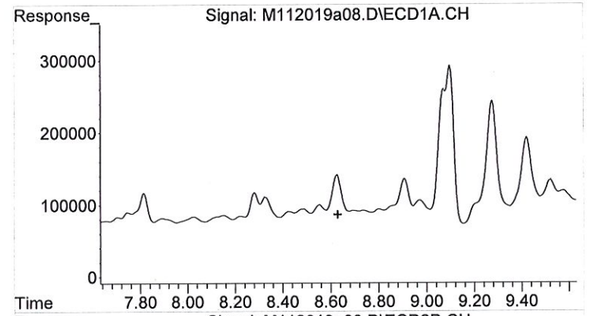
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



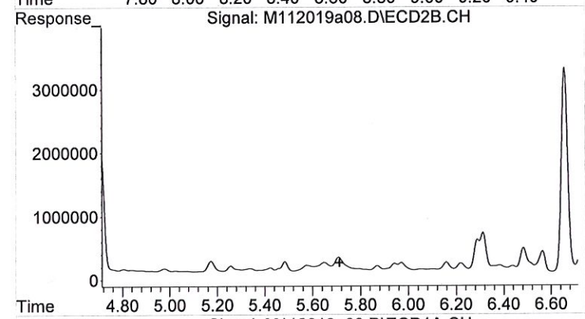
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



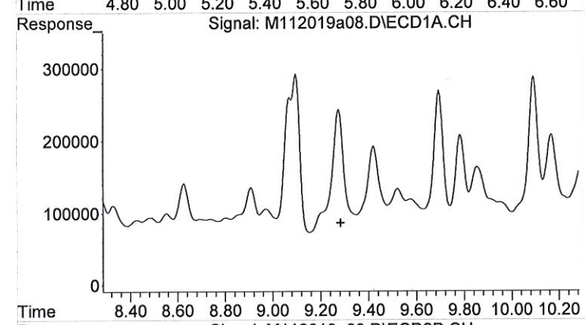
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



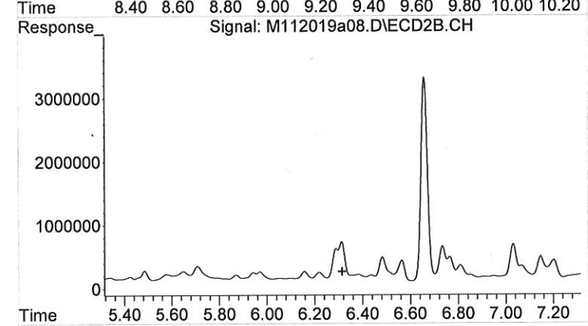
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



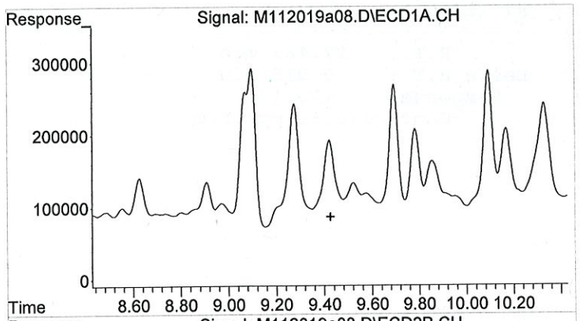
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



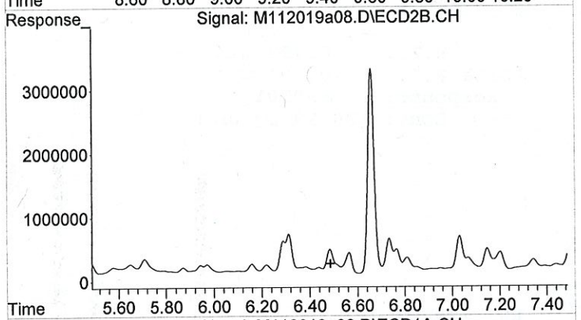
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



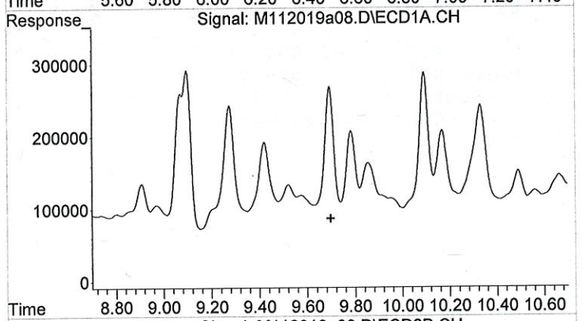
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



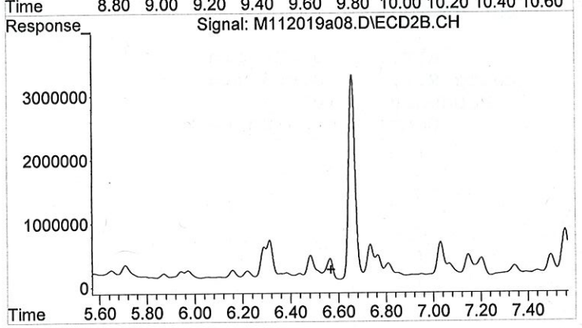
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



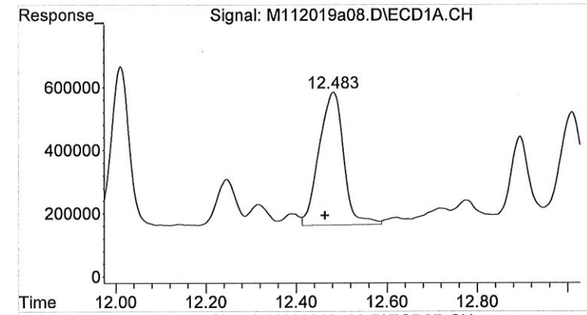
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



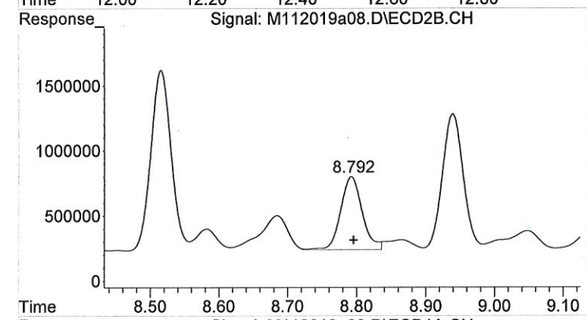
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



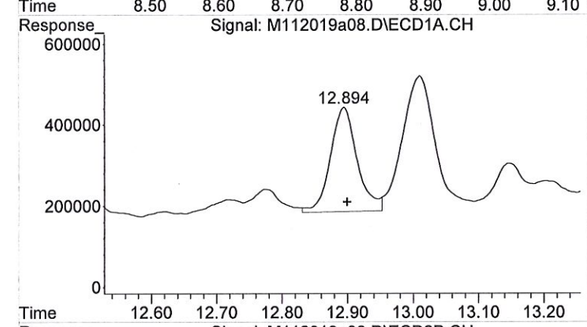
#7 1260-1

R.T.: 12.483 min
Delta R.T.: 0.019 min
Response: 421117
Conc: 444.60 pg/uL m



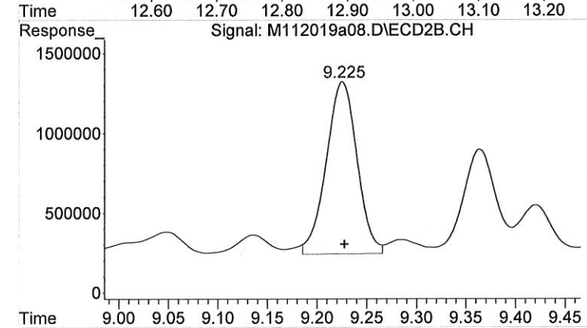
#7 1260-1

R.T.: 8.792 min
Delta R.T.: -0.004 min
Response: 560101
Conc: 180.98 pg/uL m



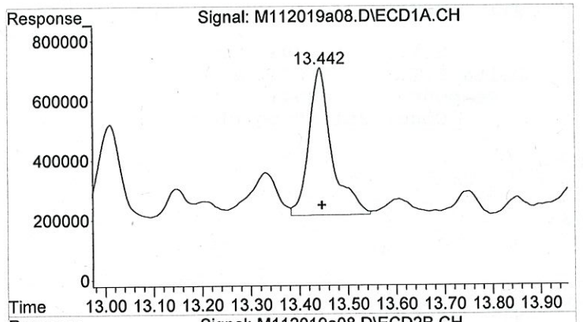
#8 1260-2

R.T.: 12.894 min
Delta R.T.: -0.006 min
Response: 256615
Conc: 228.73 pg/uL m



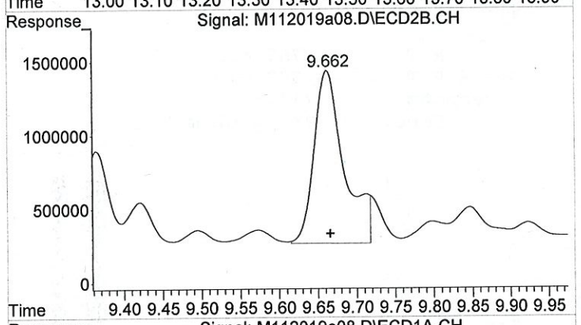
#8 1260-2

R.T.: 9.225 min
Delta R.T.: -0.003 min
Response: 1078171
Conc: 236.53 pg/uL m



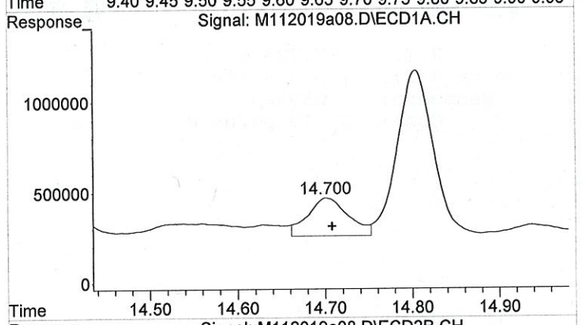
#9 1260-3

R.T.: 13.442 min
Delta R.T.: -0.005 min
Response: 492703
Conc: 406.92 pg/uL m



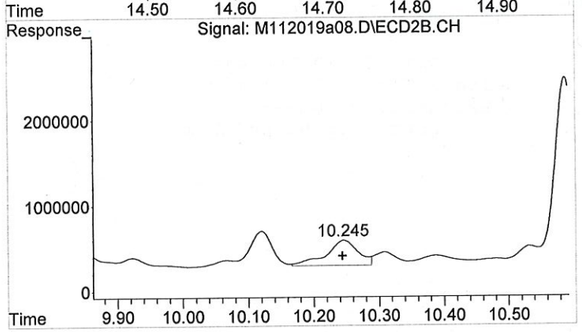
#9 1260-3

R.T.: 9.662 min
Delta R.T.: -0.004 min
Response: 1172503
Conc: 312.45 pg/uL m



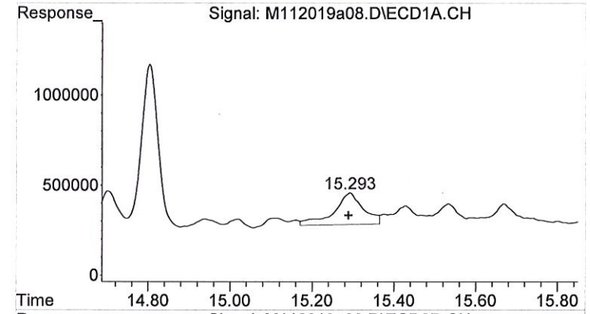
#10 1260-4

R.T.: 14.700 min
Delta R.T.: -0.008 min
Response: 209055
Conc: 144.19 pg/uL m



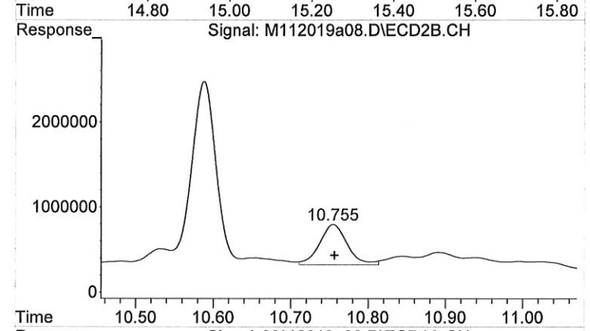
#10 1260-4

R.T.: 10.245 min
Delta R.T.: 0.001 min
Response: 294708
Conc: 127.75 pg/uL m



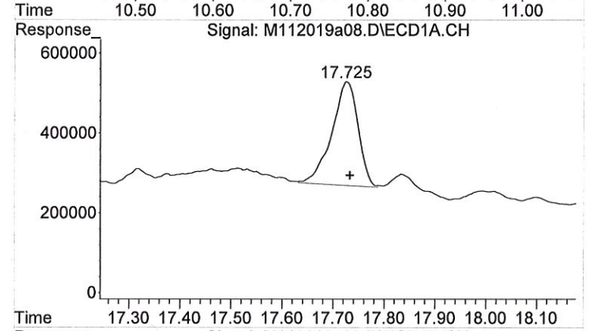
#11 1260-5

R.T.: 15.293 min
Delta R.T.: 0.004 min
Response: 175414
Conc: 261.50 pg/uL m



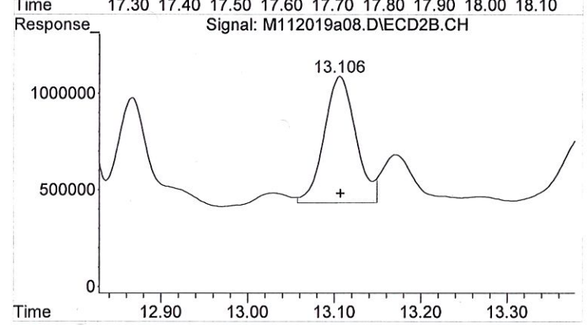
#11 1260-5

R.T.: 10.755 min
Delta R.T.: -0.002 min
Response: 474235
Conc: 98.23 pg/uL m



#12 dcb

R.T.: 17.725 min
Delta R.T.: -0.008 min
Response: 259500
Conc: 22.10 pg/uL m



#12 dcb

R.T.: 13.106 min
Delta R.T.: -0.001 min
Response: 655488
Conc: 15.91 pg/uL m

PCB

PCB Sample Results Summary

19434314

Sample.....: 19434314
Data File....: M120519a09.D
Project.....: OCE-009E
Matrix.....: ~~40 - Soil~~ Air Filter
Analyzed.....: 12/05/2019 13:34
Type.....: 0
Additional Info..: SKY Valley PCB Filter Dust 10mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M120419PCB1242.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\M120519a09.D

Date Prepped...: 11/19/2019
ICAL Date.....: 12/04/2019
Prep Method....: 3541
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....: N1
Acq. Method: M012116PCB2B.M
ASEQ Number: 9

Instrument.....: Minerva
Amount Extracted.: 4.09 g
Percent Solids...: 100
Final Volume.....: 10 mL
Dilution.....: 1x D0

m = manual integration
d = deleted
U = Undetected
J = Below calibrated range
E = Exceeds calibrated range

Pk	Low Cal (pg)¹	High Cal (pg)¹	Compound Name	RT	Exp RT	Response		Spike (pg)¹	Amount (pg)¹	Result	Units	Q
1	25	2500	tmx (1)	-	-	-						
7	25	2500	dcb	-	-	-	d					
9	25	2500	tmx (1) #2	-	-	-						
15	25	2500	dcb #2	-	-	-	d					
2	25	2500	1242 -1	9.79	9.79	104527		-	294	720	ug/kg	
3	25	2500	1242-2	10.10	10.10	168729		-	362	880	ug/kg	
4	25	2500	1242-3	10.18	10.18	89131		-	319	780	ug/kg	
5	25	2500	1242-4	10.76	10.76	111883		-	375	920	ug/kg	
6	25	2500	1242-5	10.81	10.82	248139		-	488	1200	ug/kg	
10	25	2500	1242 -1 #2	7.04	7.04	560712		-	403	990	ug/kg	
11	25	2500	1242-2 #2	7.15	7.15	334847		-	385	940	ug/kg	
12	25	2500	1242-3 #2	7.21	7.21	278372		-	403	990	ug/kg	
13	25	2500	1242-4 #2	7.50	7.51	333855		-	463	1100	ug/kg	
14	25	2500	1242-5 #2	7.89	7.89	404750		-	575	1400	ug/kg	

CAS#	Name	Avg	Unit	n	%RSD	Column RPD²
53469219	1242 Column 1	900	ug/kg	5	20 %	
53469219	1242 Column 2	1100	ug/kg	5	17 %	19 %

Results will be reported from Column 1

¹'Amount' units are pg or pg/uL on column. ²RPD (Relative Percent Difference) is the percent difference between the result of column 1 and the result of column 2. The values are calculated using the non-rounded average result values. (|A-B|/((A+B)*0.5))*100 is the formula used for the calculation. The value should nominally be <= 40%.

Sample Concentration = (Amt)*(Final Volume[mL])*(Dilution)/Amount Extracted = ug/L, ug/kg, ug/g, or ug.

Generated Tue Dec 10 12:12:34 2019

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 1:34 pm
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 9 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 14:29:28 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	0.000	0.000	0	0	N.D.	N.D.
7) S2 dcb	0.000	0.000	0	0	N.D. d	N.D. d
Target Compounds						
2) L1 1242 -1	9.793	7.037	104527	560712	294.166	403.267 #
3) L1 1242-2	10.102	7.154	168729	334847	361.606	385.293
4) L1 1242-3	10.179	7.208	89131	278372	318.573	402.957 #
5) L1 1242-4	10.756	7.504	111883	333855	375.158	462.827
6) L1 1242-5	10.813	7.888	248139	404750	487.683	574.897
Sum 1242 -1			722409	1912536	1837.186	2229.240
Average 1242 -1					367.437	445.848

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

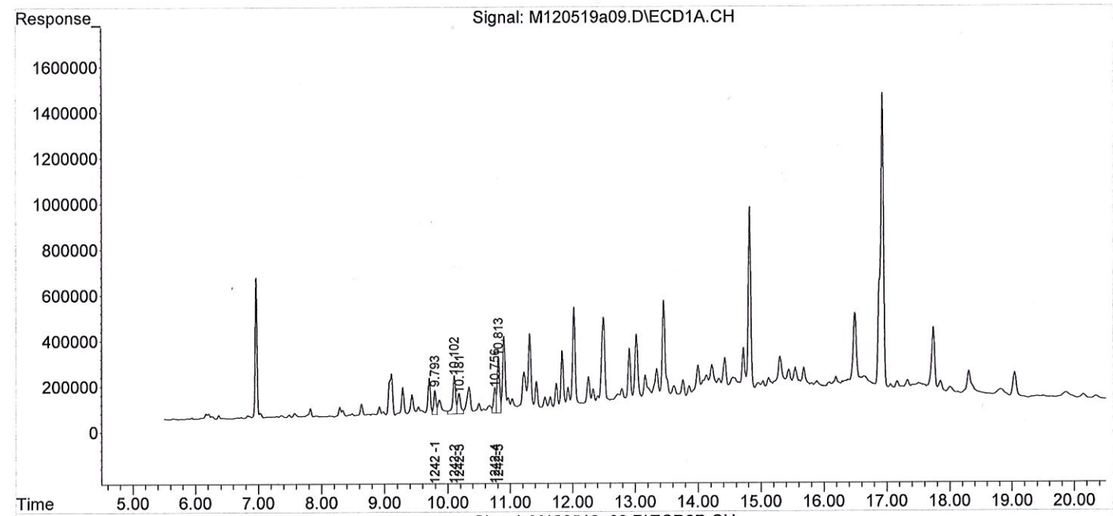
12/9/19

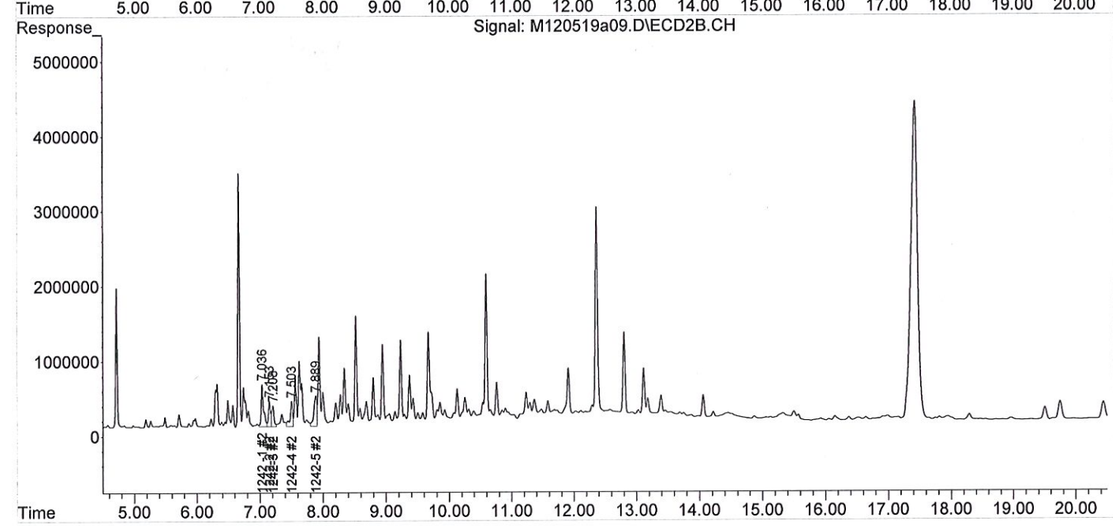
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 1:34 pm
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 9 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 14:29:28 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32
Signal #2 Phase: CLPest2
Signal #2 Info : .32





Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 1:34 pm
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 9 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 13:49:56 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32
Signal #2 Phase: CLPest2
Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	0.000	0.000	0	0	N.D.	N.D.
7) S2 dcb	11.311	8.204	344455	306637	2061.855	5978.433 #
Target Compounds						
2) L1 1242 -1	9.793	7.037	104527	560712	294.166	403.267 #
3) L1 1242-2	10.102	7.154	168729	334847	361.606	385.293
4) L1 1242-3	10.179	7.208	89131	278372	318.573	402.957 #
5) L1 1242-4	10.756	7.504	111883	333855	375.158	462.827
6) L1 1242-5	10.813	7.888	248139	404750	487.683	574.897
Sum 1242 -1			722409	1912536	1837.186	2229.240
Average 1242 -1					367.437	445.848

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

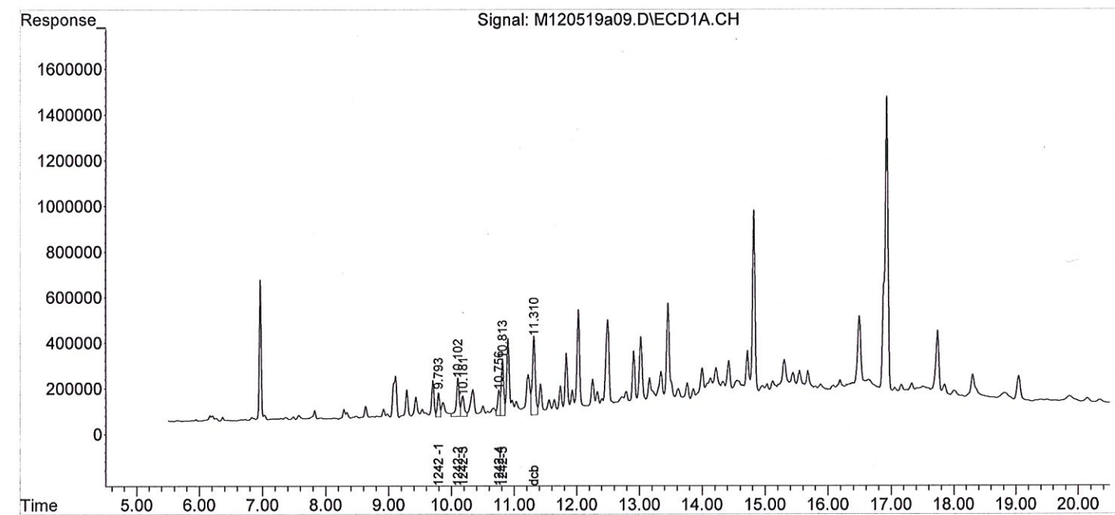
12/9/19

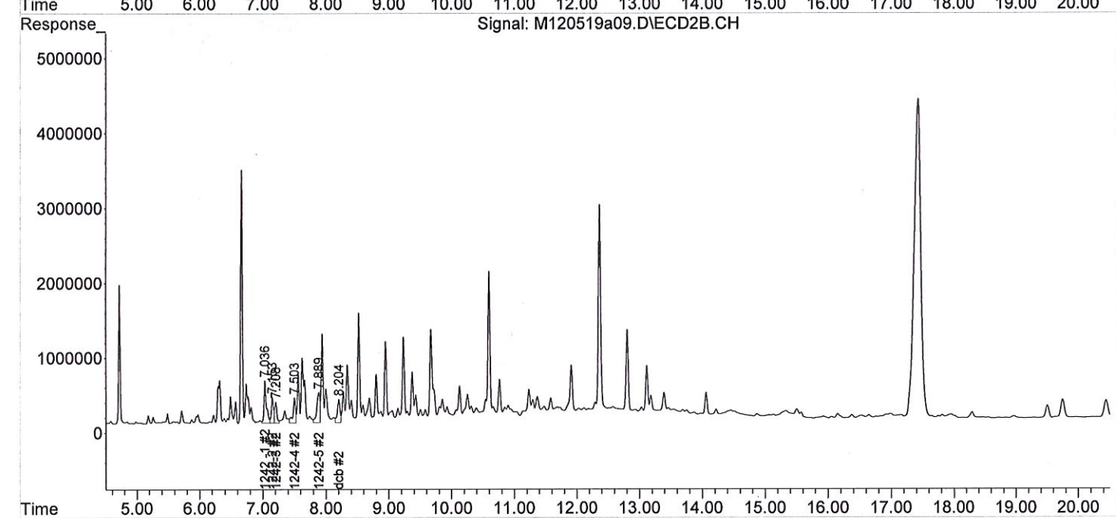
Quantitation Report (Not Reviewed)

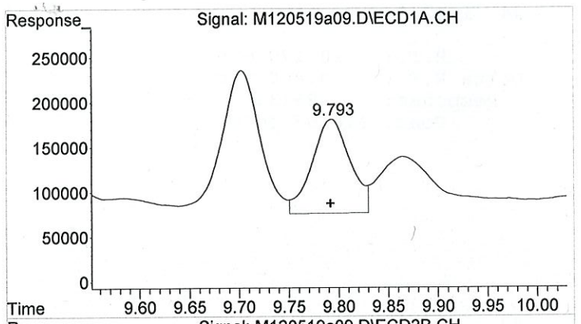
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 1:34 pm
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 9 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 13:49:56 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

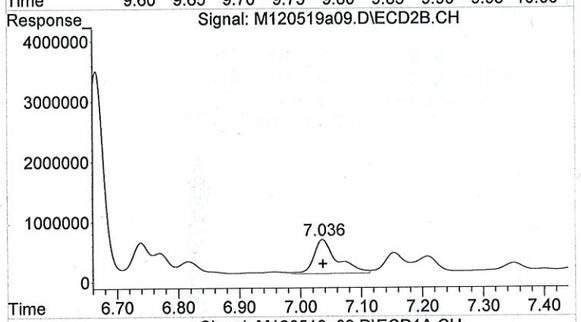






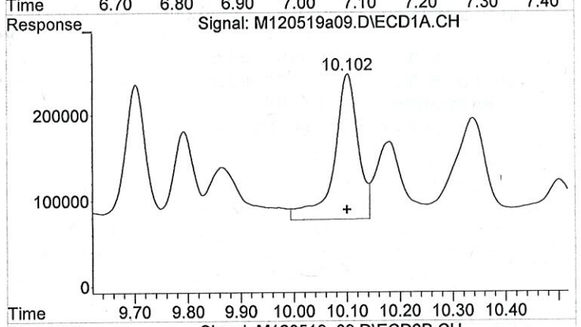
#2 1242 -1

R.T.: 9.793 min
Delta R.T.: 0.000 min
Response: 104527
Conc: 294.17 pg/uL



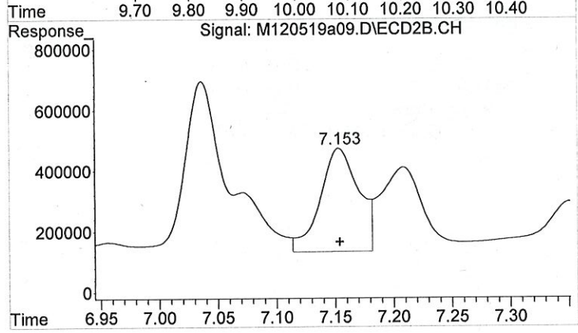
#2 1242 -1

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 560712
Conc: 403.27 pg/uL



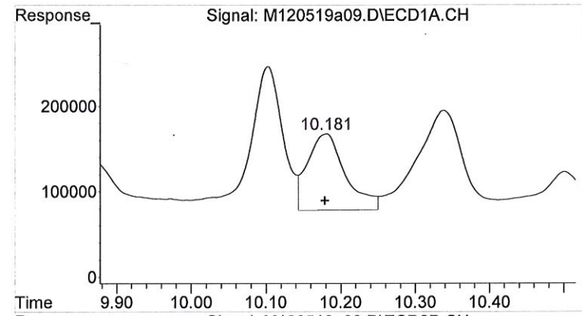
#3 1242-2

R.T.: 10.102 min
Delta R.T.: 0.001 min
Response: 168729
Conc: 361.61 pg/uL



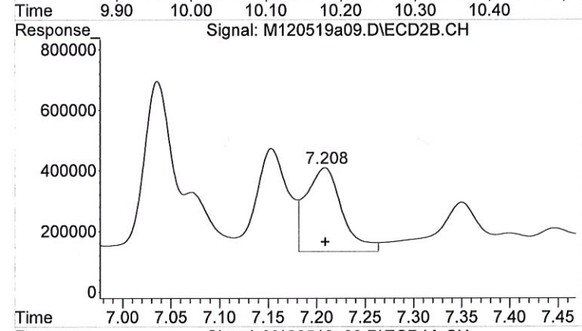
#3 1242-2

R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 334847
Conc: 385.29 pg/uL



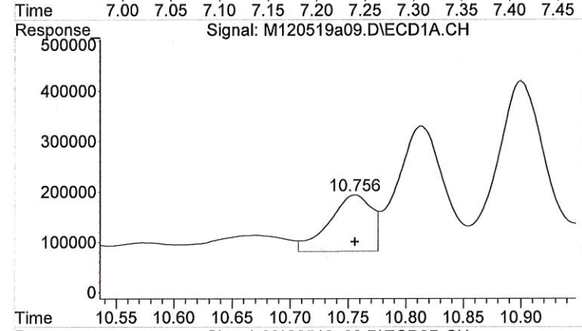
#4 1242-3

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 89131
Conc: 318.57 pg/uL



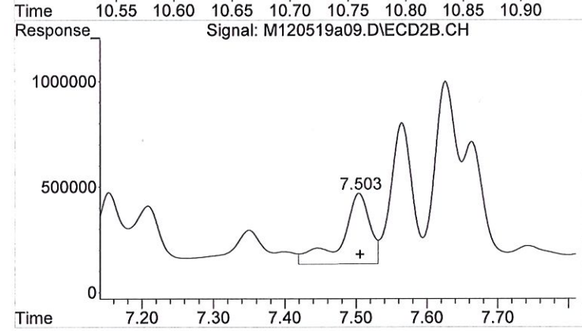
#4 1242-3

R.T.: 7.208 min
Delta R.T.: -0.001 min
Response: 278372
Conc: 402.96 pg/uL



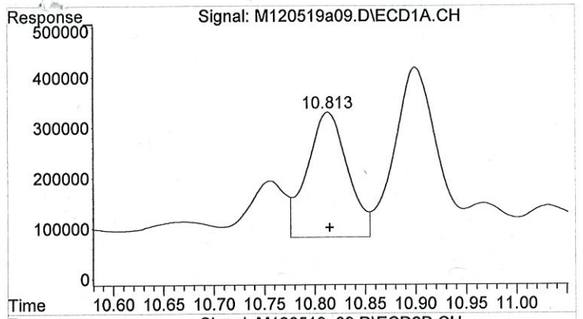
#5 1242-4

R.T.: 10.756 min
Delta R.T.: 0.000 min
Response: 111883
Conc: 375.16 pg/uL



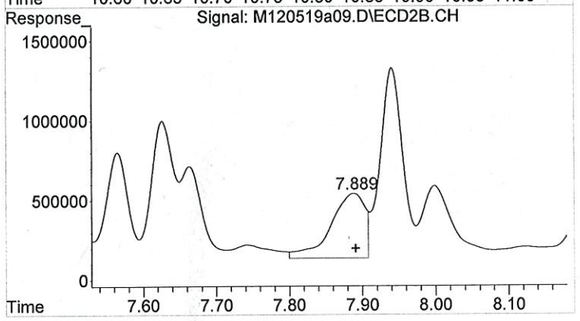
#5 1242-4

R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 333855
Conc: 462.83 pg/uL



#6 1242-5

R.T.: 10.813 min
Delta R.T.: -0.002 min
Response: 248139
Conc: 487.68 pg/uL



#6 1242-5

R.T.: 7.888 min
Delta R.T.: -0.003 min
Response: 404750
Conc: 574.90 pg/uL

PCB

PCB Sample Results Summary

19434314

Sample.....: 19434314
Data File....: M121119a04.D
Project.....: OCE-009E
Matrix.....: ~~40 - Soil~~ Air Filter
Analyzed.....: 12/11/2019 8:17
Type.....: 0
Additional Info..: SKY Valley PCB Filter Dust 10mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M111219PCB1260.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\M121119a04.D

Date Prepped...: 11/19/2019
ICAL Date.....: 11/12/2019
Prep Method....: 3541
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....: N1
Acq. Method: M012116PCB2B.M
ASEQ Number: 4

Instrument.....: Minerva
Amount Extracted.: 4.09 g
Percent Solids...: 100
Final Volume.....: 10 mL
Dilution.....: 1x D0

m = manual integration
d = deleted
U = Undetected
J = Below calibrated range
E = Exceeds calibrated range

Pk	Low Cal (pg)¹	High Cal (pg)¹	Compound Name	RT	Exp RT	Response	Spike (pg)¹	Amount (pg)¹	Result Units	Q
1	25	1000	tmx (1)	6.96	6.96	654353				
7	25	1000	dcb	17.73	17.73	320427				
9	25	1000	tmx (1) #2	4.72	4.72	1780390				
15	25	1000	dcb #2	13.11	13.12	799893				
2	25	1000	1254-1	11.31	11.31	470185	-	341	830 ug/kg	
3	25	1000	1254-2	11.73	11.74	158262	-	384	940 ug/kg	
4	25	1000	1254-3	11.83	11.83	350582	-	404	990 ug/kg	
5	25	1000	1254-4	12.02	12.02	629747	-	394	960 ug/kg	
6	25	1000	1254-5	13.45	13.45	606695	-	488	1200 ug/kg	
10	25	1000	1254-1 #2	8.52	8.52	1390690	-	354	870 ug/kg	
11	25	1000	1254-2 #2	8.80	8.80	622630	-	438	1100 ug/kg	
12	25	1000	1254-3 #2	8.94	8.95	1068260	-	408	1000 ug/kg	
13	25	1000	1254-4 #2	9.23	9.23	1117460	-	427	1000 ug/kg	
14	25	1000	1254-5 #2	9.67	9.67	1281180	-	431	1100 ug/kg	

CAS#	Name	Avg	Unit	n	%RSD	Column RPD²	
11097691	1254 Column 1	980	ug/kg	5	13 %		Results will be reported from Column 1
11097691	1254 Column 2	1000	ug/kg	5	8 %	2 %	

¹'Amount' units are pg or pg/uL on column. ²RPD (Relative Percent Difference) is the percent difference between the result of column 1 and the result of column 2. The values are calculated using the non-rounded average result values. (|A-B|/((A+B)*0.5))*100 is the formula used for the calculation. The value should nominally be <= 40%.

Sample Concentration = (Amt)*(Final Volume[mL])*(Dilution)/Amount Extracted = ug/L, ug/kg, ug/g, or ug.

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\
Data File : M121119a04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 8:17 am
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 4 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 12 09:08:24 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1254.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Thu Dec 05 08:10:02 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	0.000	0.000	0	0	N.D. d	N.D. d
7) S2 dcb	0.000	0.000	0	0	N.D. d	N.D. d
Target Compounds						
2) L2 1254-1	11.306	8.520	470185	1390687	341.312	354.334
3) L2 1254-2	11.731	8.796	158262	622630	383.606	438.116
4) L2 1254-3	11.826	8.945	350582	1068261	404.461	408.281
5) L2 1254-4	12.016	9.230	629747	1117464	394.075	426.952
6) L2 1254-5	13.447	9.667	606695	1281177	487.770	430.605
Sum 1254-1			2215471	5480219	2011.223	2058.288
Average 1254-1					402.245	411.658

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

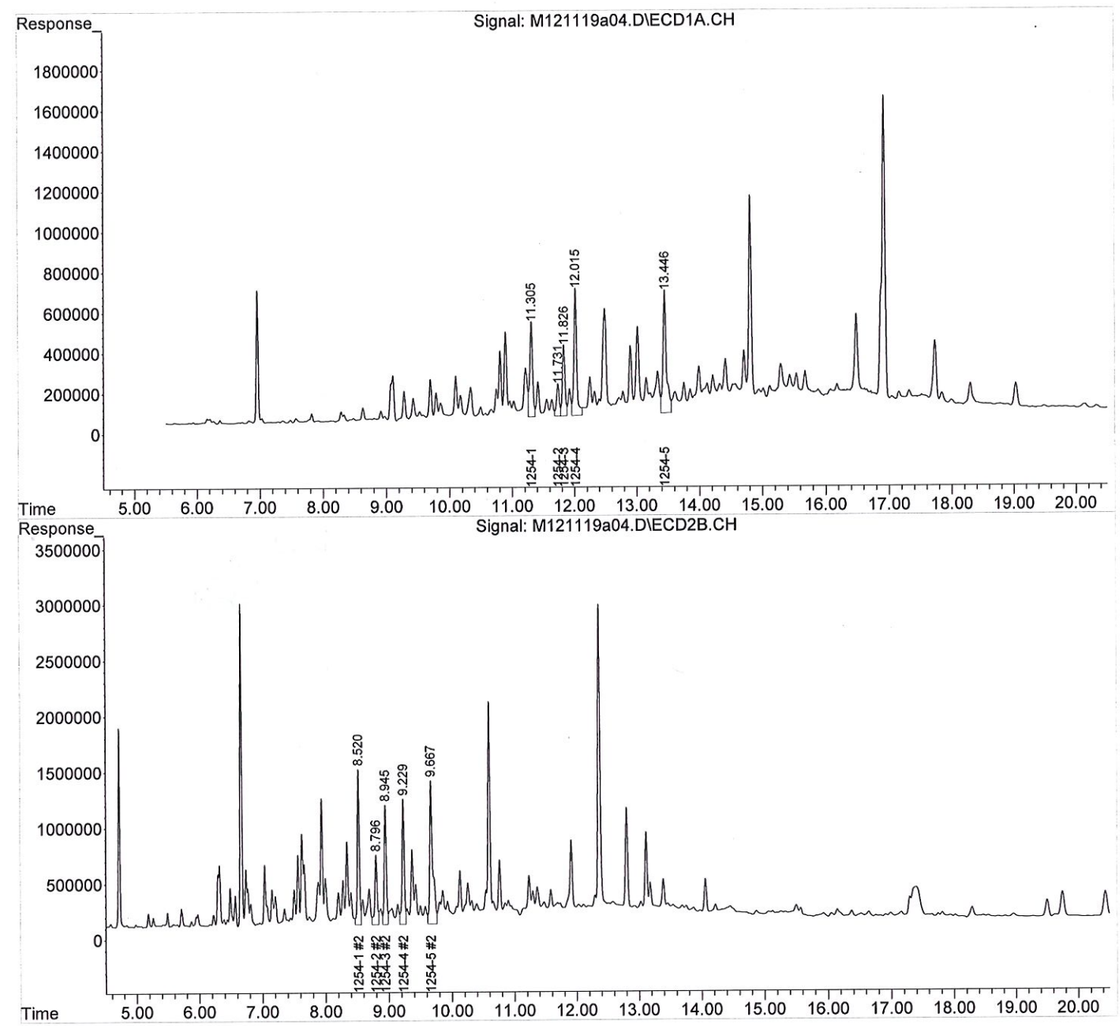
hw
12/12/19

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\
Data File : M121119a04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 8:17 am
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 4 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 12 09:08:24 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1254.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Thu Dec 05 08:10:02 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32
Signal #2 Phase: CLPest2
Signal #2 Info : .32



Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\
Data File : M121119a04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 8:17 am
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 4 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 12 09:06:29 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1254.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Thu Dec 05 08:10:02 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.959	4.716	~~654353~~	~~1780391~~	NoCal	NoCal
7) S2 dcb	17.732	13.111	~~320427~~	~~799893~~	NoCal	NoCal
Target Compounds						
2) L2 1254-1	11.306	8.520	470185	1390687	341.312	354.334
3) L2 1254-2	11.731	8.796	158262	622630	383.606	438.116
4) L2 1254-3	11.826	8.945	350582	1068261	404.461	408.281
5) L2 1254-4	12.016	9.230	629747	1117464	394.075	426.952
6) L2 1254-5	13.447	9.667	606695	1281177	487.770	430.605
Sum 1254-1			2215471	5480219	2011.223	2058.288
Average 1254-1					402.245	411.658

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

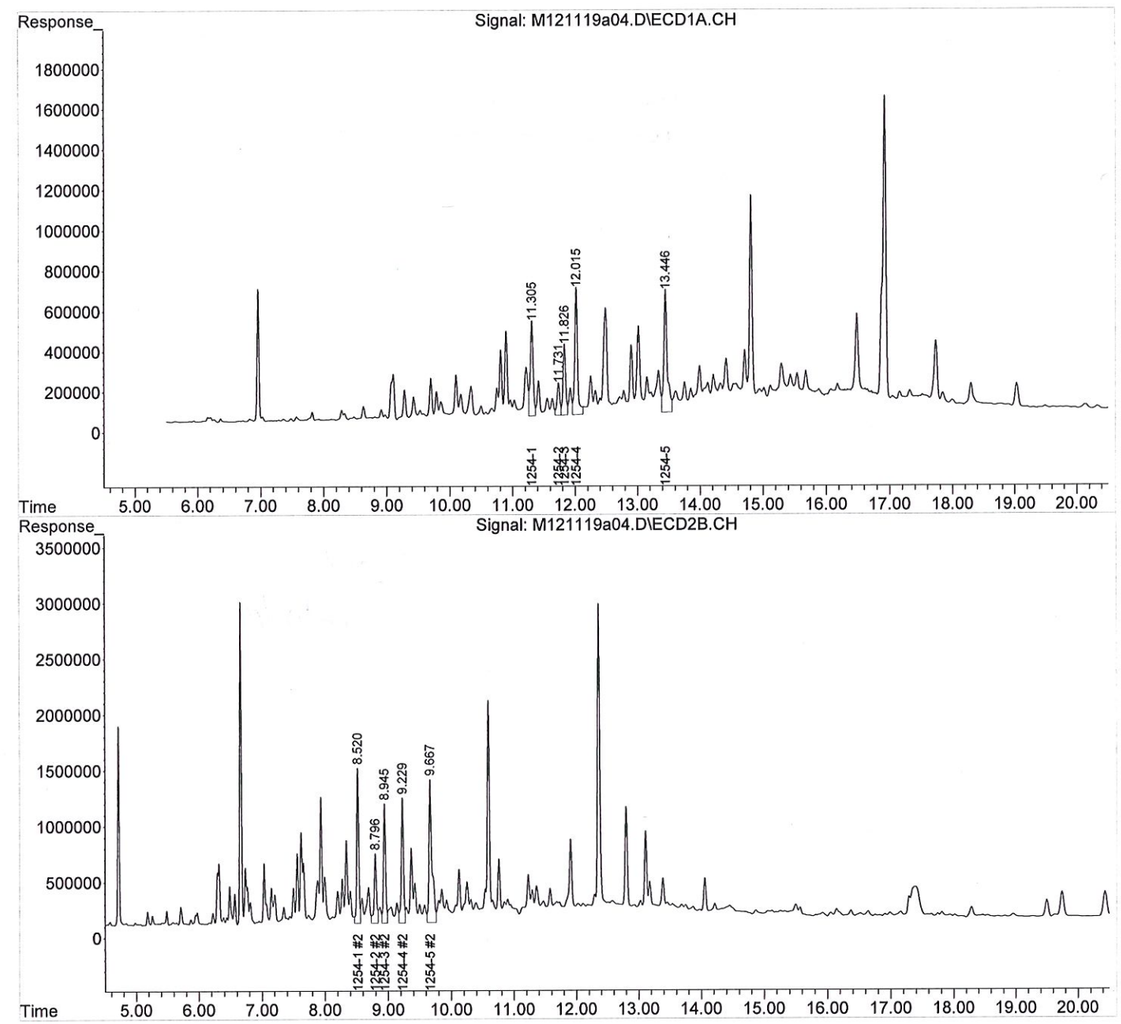
lw
12/12/19

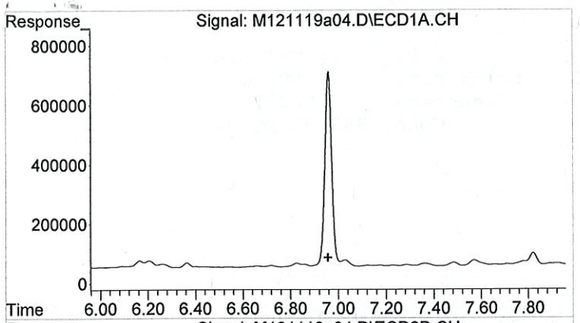
Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\
Data File : M121119a04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 8:17 am
Operator : DWOOD
Sample : 19434314
Misc : SKY Valley PCB Filter Dust 10mL fv
ALS Vial : 0 (Sig #1); 4 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 12 09:06:29 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1254.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Thu Dec 05 08:10:02 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

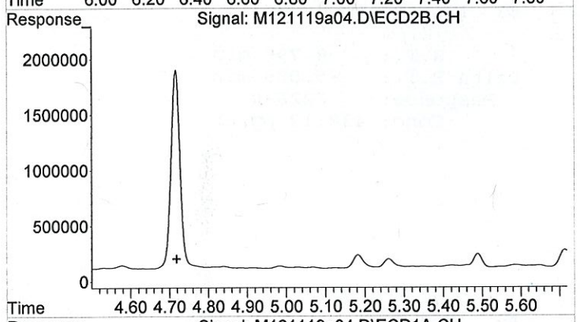
Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32





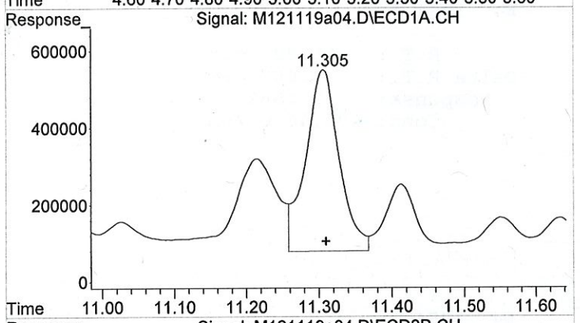
#1 tmx (1)

R.T.: 0.000 min
Exp R.T. : 6.957 min
Response: 0
Conc: N.D.



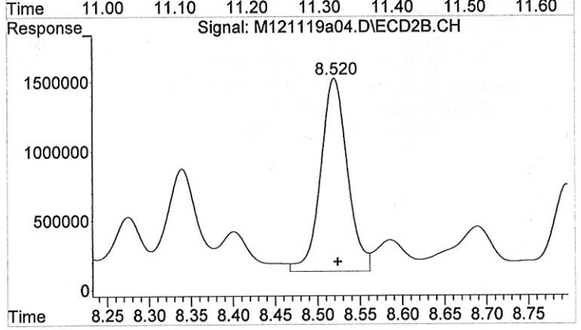
#1 tmx (1)

R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



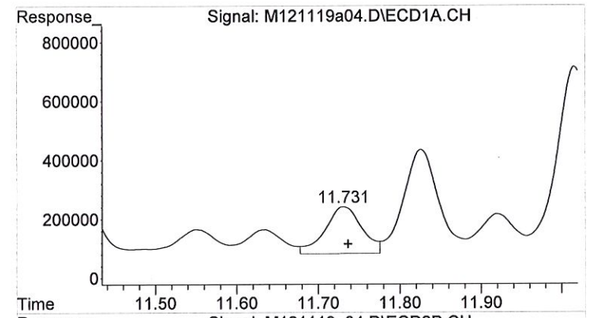
#2 1254-1

R.T.: 11.306 min
Delta R.T.: -0.004 min
Response: 470185
Conc: 341.31 pg/uL



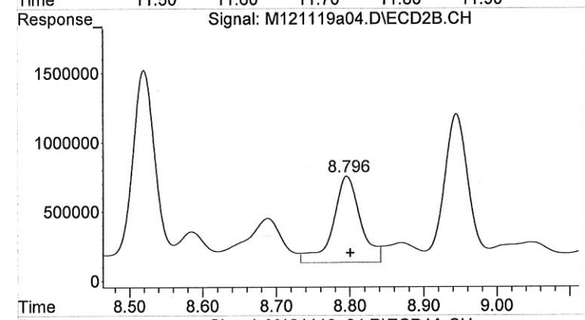
#2 1254-1

R.T.: 8.520 min
Delta R.T.: -0.004 min
Response: 1390687
Conc: 354.33 pg/uL



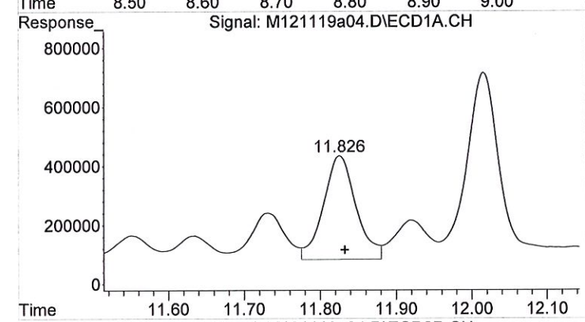
#3 1254-2

R.T.: 11.731 min
Delta R.T.: -0.006 min
Response: 158262
Conc: 383.61 pg/uL



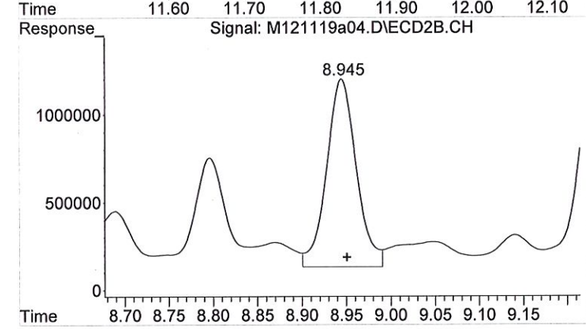
#3 1254-2

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 622630
Conc: 438.12 pg/uL



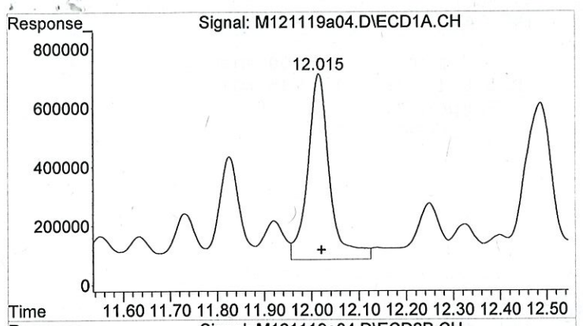
#4 1254-3

R.T.: 11.826 min
Delta R.T.: -0.007 min
Response: 350582
Conc: 404.46 pg/uL



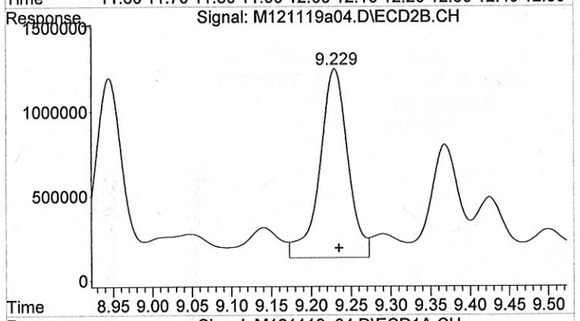
#4 1254-3

R.T.: 8.945 min
Delta R.T.: -0.006 min
Response: 1068261
Conc: 408.28 pg/uL



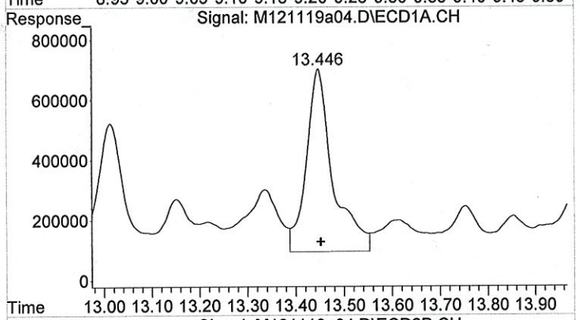
#5 1254-4

R.T.: 12.016 min
Delta R.T.: -0.005 min
Response: 629747
Conc: 394.07 pg/uL



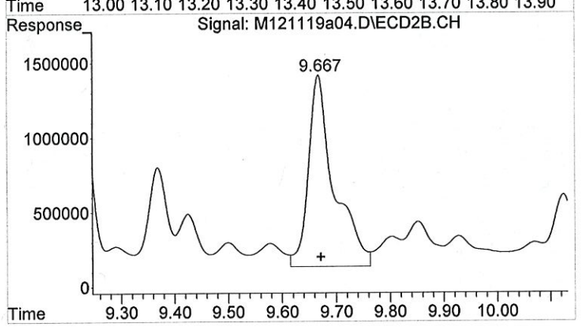
#5 1254-4

R.T.: 9.230 min
Delta R.T.: -0.005 min
Response: 1117464
Conc: 426.95 pg/uL



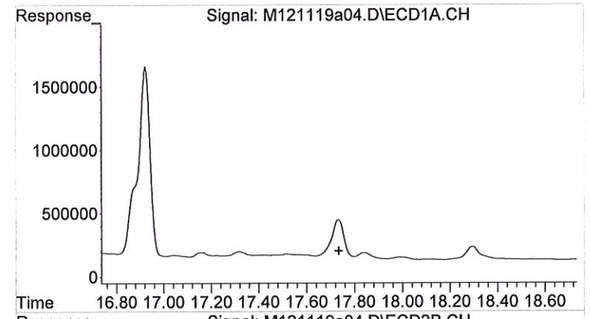
#6 1254-5

R.T.: 13.447 min
Delta R.T.: -0.005 min
Response: 606695
Conc: 487.77 pg/uL



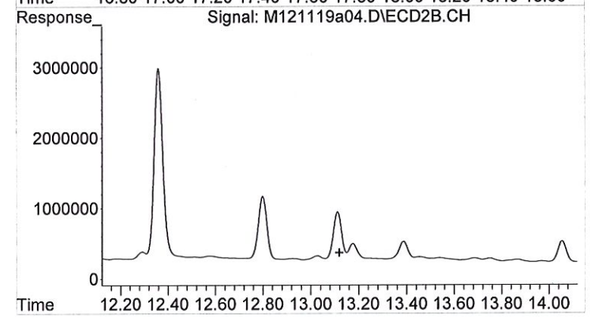
#6 1254-5

R.T.: 9.667 min
Delta R.T.: -0.005 min
Response: 1281177
Conc: 430.60 pg/uL



#7 dcb

R.T.: 0.000 min
Exp R.T. : 17.735 min
Response: 0
Conc: N.D.



#7 dcb

R.T.: 0.000 min
Exp R.T. : 13.120 min
Response: 0
Conc: N.D.

- Blanks
  a. Custom Report, if available
  b. Quan Report (Quant – Generate Report – Detailed, only hits)
  c. Detailed Graphics (Detailed Report + Thumbnail)

Sample.....: 920110419B1
Data File....: M111319a03.D
Project.....: OCE-009E
Matrix.....: 42 - Wipe
Analyzed.....: 11/13/2019 11:44
Type.....: BL
Additional Info..: SKY Valley PCB Wipes 10mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M111219PCB1260.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\M111319a03.D

Date Prepped...: 11/4/2019
ICAL Date.....: 11/12/2019
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....: 0
Acq. Method: M012116PCB2B.M
ASEQ Number: 3

Instrument.....: Minerva
Amount Extracted.: 10 wipe
Percent Solids...: NA
Final Volume.....: 10 mL
Dilution.....: 1x D0

m = manual integration
d = deleted
U = Undetected
J = Below calibrated range
E = Exceeds calibrated range

Pk	Low Cal (pg)¹	High Cal (pg)¹	Compound Name	RT	Exp RT	Response		Spike (pg)¹	Amount (pg)¹	Result	Units	Q
1	2.5	250	tmx (1)	6.96	6.96	1392840		50	49	98	%Rec	
12	2.5	250	dcb	17.73	17.73	647501		50	56	112	%Rec	
14	2.5	250	tmx (1) #2	4.71	4.71	4604330		50	52	103	%Rec	
25	2.5	250	dcb #2	13.10	13.11	2425370		50	60	119	%Rec	
2	25	2500	1016 -1	-	-	-	d	-	-	0.25	ug (RL)	U
3	25	2500	1016-2	-	-	-		-	-	0.25	ug (RL)	U
4	25	2500	1016-3	-	-	-		-	-	0.25	ug (RL)	U
5	25	2500	1016-4	-	-	-		-	-	0.25	ug (RL)	U
6	25	2500	1016-5	-	-	-		-	-	0.25	ug (RL)	U
7	25	2500	1260-1	-	-	-		-	-	0.25	ug (RL)	U
8	25	2500	1260-2	-	-	-		-	-	0.25	ug (RL)	U
9	25	2500	1260-3	-	-	-		-	-	0.25	ug (RL)	U
10	25	2500	1260-4	-	-	-		-	-	0.25	ug (RL)	U
11	25	2500	1260-5	-	-	-		-	-	0.25	ug (RL)	U
15	25	2500	1016 -1 #2	-	-	-	d	-	-	0.25	ug (RL)	U
16	25	2500	1016-2 #2	-	-	-		-	-	0.25	ug (RL)	U
17	25	2500	1016-3 #2	-	-	-		-	-	0.25	ug (RL)	U
18	25	2500	1016-4 #2	-	-	-		-	-	0.25	ug (RL)	U
19	25	2500	1016-5 #2	-	-	-		-	-	0.25	ug (RL)	U
20	25	2500	1260-1 #2	-	-	-		-	-	0.25	ug (RL)	U
21	25	2500	1260-2 #2	-	-	-		-	-	0.25	ug (RL)	U
22	25	2500	1260-3 #2	-	-	-		-	-	0.25	ug (RL)	U
23	25	2500	1260-4 #2	-	-	-		-	-	0.25	ug (RL)	U
24	25	2500	1260-5 #2	-	-	-		-	-	0.25	ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD²
12674112	1016 Column 1	0.25	ug (RL)	0	NA	Results will be reported from Column 1
12674112	1016 Column 2	0.25	ug (RL)	0	NA	
11096825	1260 Column 1	0.25	ug (RL)	0	NA	
11096825	1260 Column 2	0.25	ug (RL)	0	NA	

¹'Amount' units are pg or pg/uL on column. ²RPD (Relative Percent Difference) is the percent difference between the result of column 1 and the result of column 2. The values are calculated using the non-rounded average result values. (|A-B|/((A+B)*0.5))*100 is the formula used for the calculation. The value should nominally be <= 40%.

Sample Concentration = (Amt)*(Final Volume[mL])*(Dilution)/Amount Extracted = ug/L, ug/kg, ug/g, or ug.

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a03.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 11:44 am
Operator : DWOOD
Sample : 92O110419B1
Misc : SKY Valley PCB Wipes 10mL fv
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:09:46 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.957	4.714	1392835	4604325	49.128	51.696
12) S2 dcb	17.732	13.105	647501	2425366	55.860	59.536
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

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

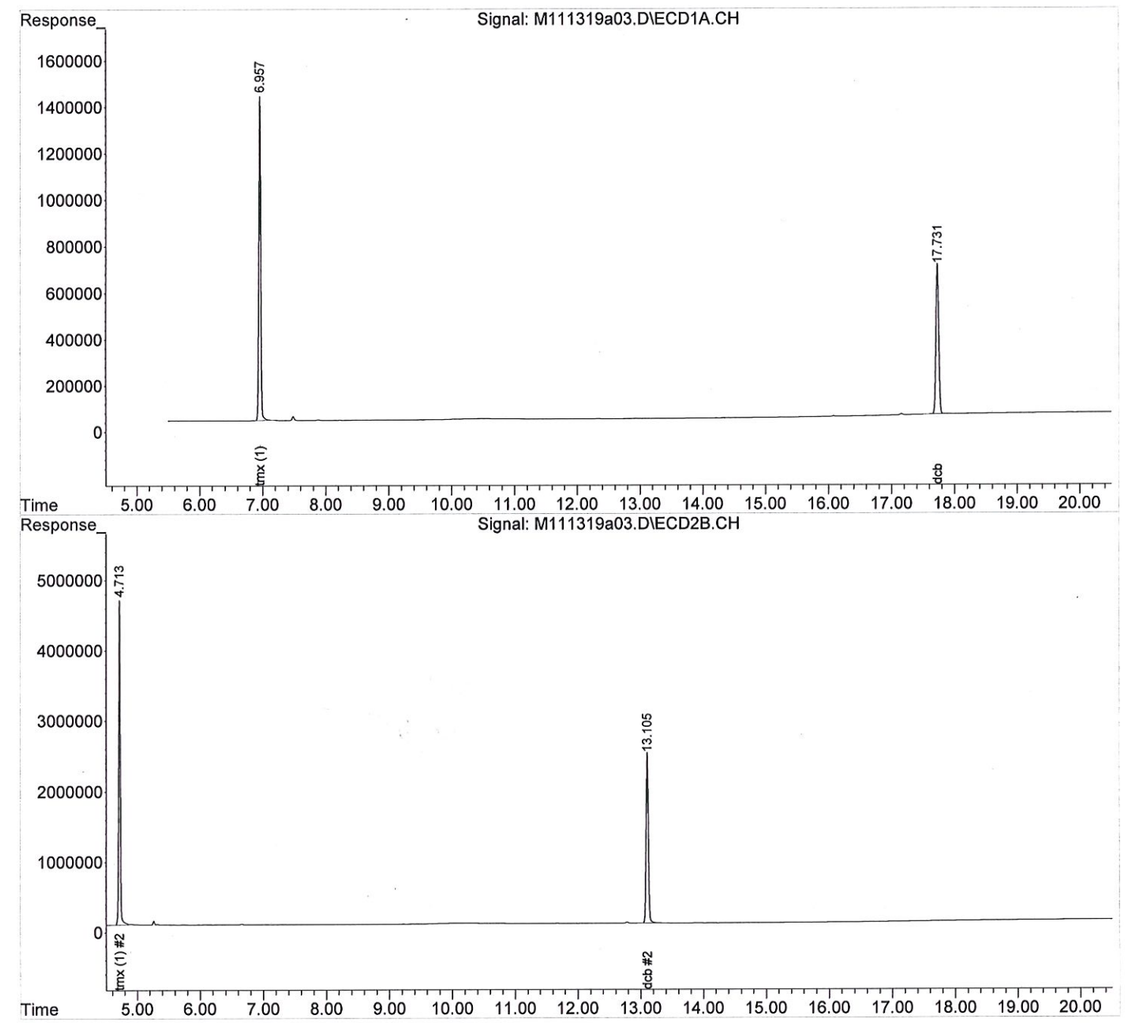
12/6/19

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a03.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 11:44 am
Operator : DWOOD
Sample : 920110419B1
Misc : SKY Valley PCB Wipes 10mL fv
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:09:46 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32



Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a03.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 11:44 am
Operator : DWOOD
Sample : 920110419B1
Misc : SKY Valley PCB Wipes 10mL fv
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

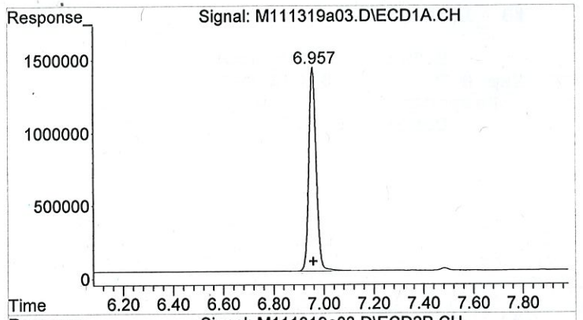
Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Nov 14 10:08:47 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.957	4.714	1392835	4604325	49.128	51.696
12) S2 dcb	17.732	13.105	647501	2425366	55.860	59.536
Target Compounds						
2) L1 1016 -1	0.000	5.264	0	~~53294~~	N.D.	28.165 #
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	53294	N.D.	28.165
Average 1016 -1					0.000	28.165
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

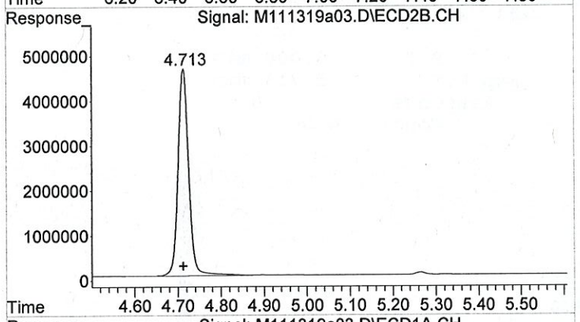
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

MW
11/15/19



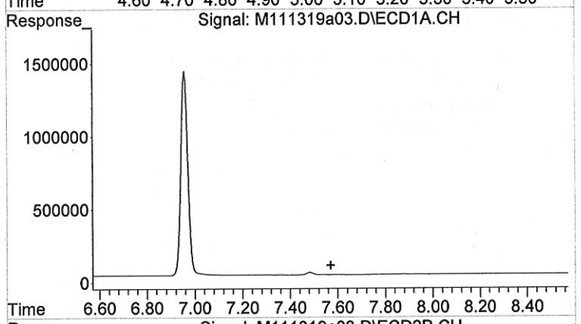
#1 tmx (1)

R.T.: 6.957 min
Delta R.T.: -0.002 min
Response: 1392835
Conc: 49.13 pg/uL



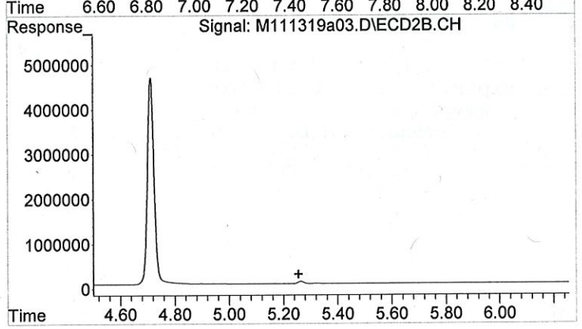
#1 tmx (1)

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 4604325
Conc: 51.70 pg/uL



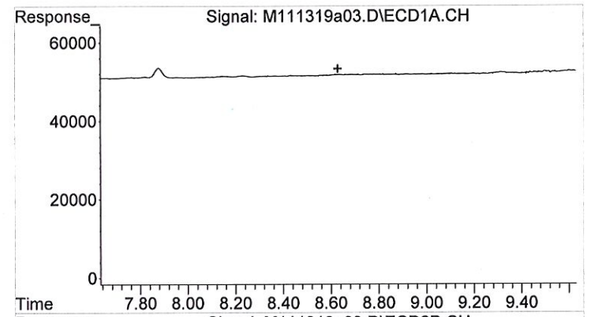
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



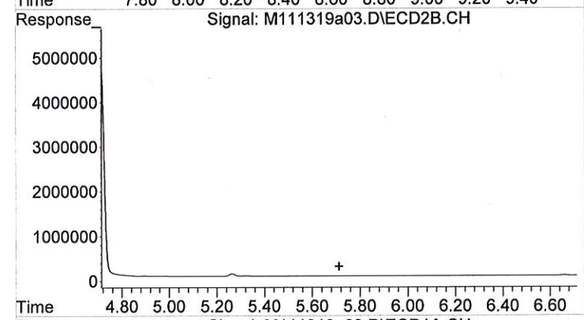
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



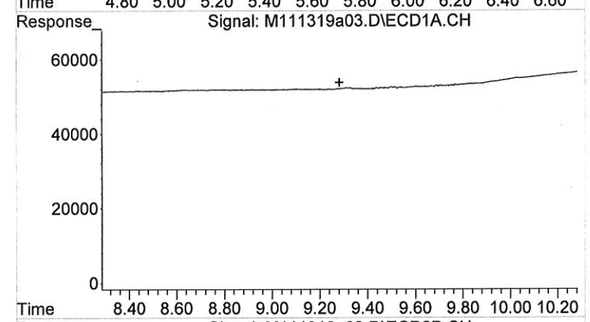
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



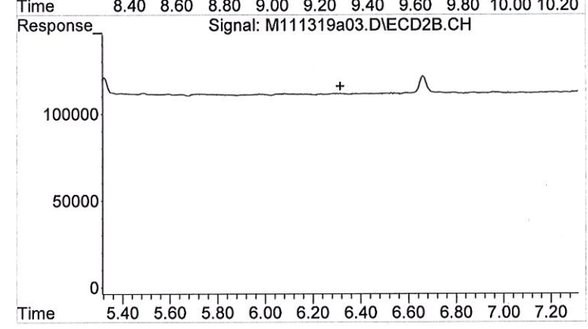
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



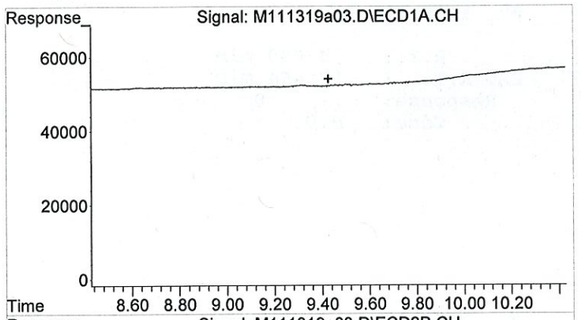
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



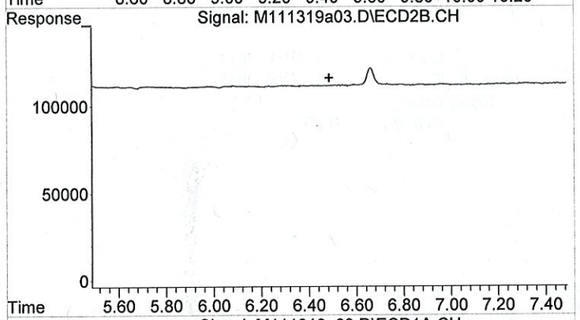
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



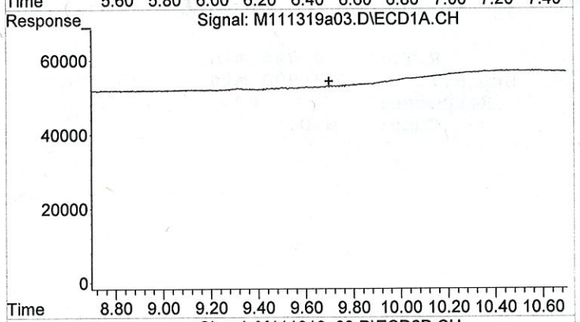
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



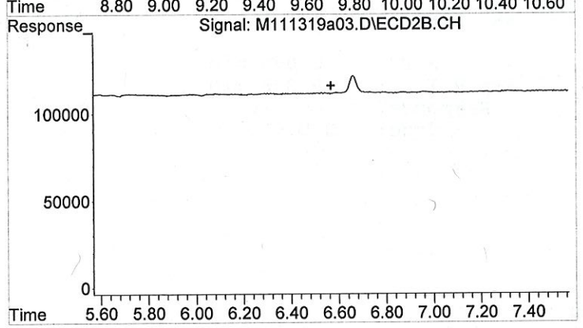
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



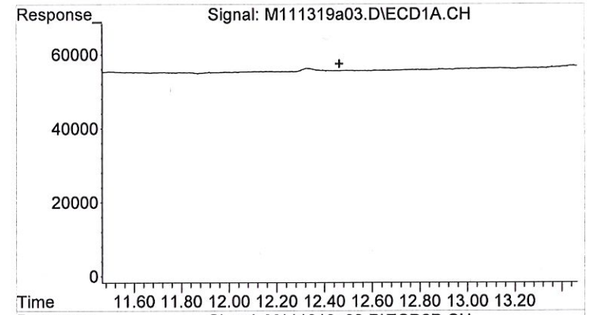
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



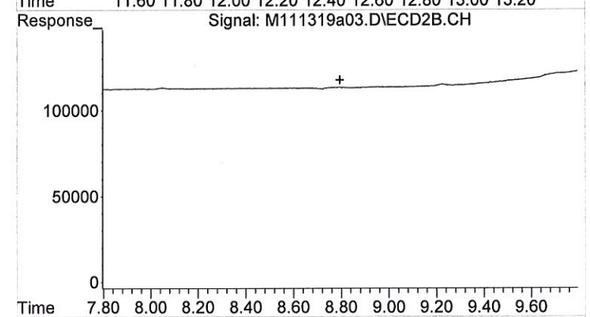
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



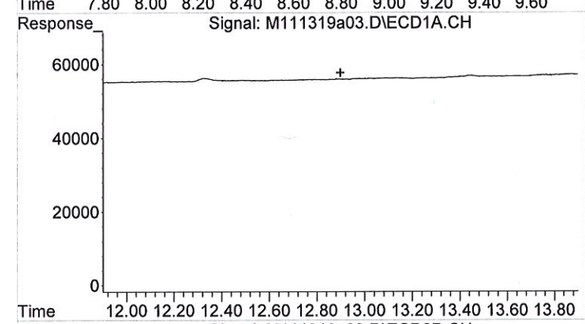
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.464 min
Response: 0
Conc: N.D.



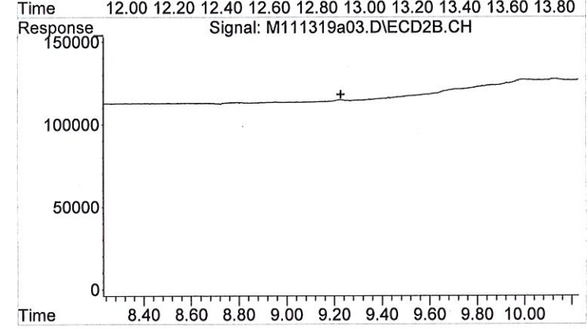
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



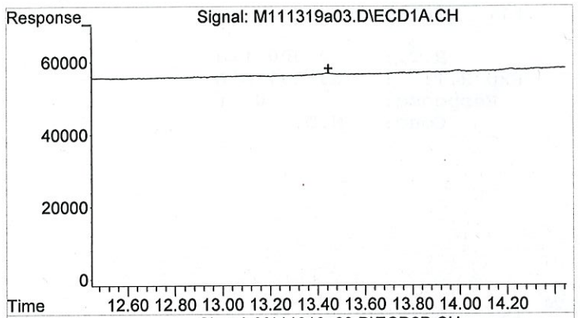
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 12.900 min
Response: 0
Conc: N.D.



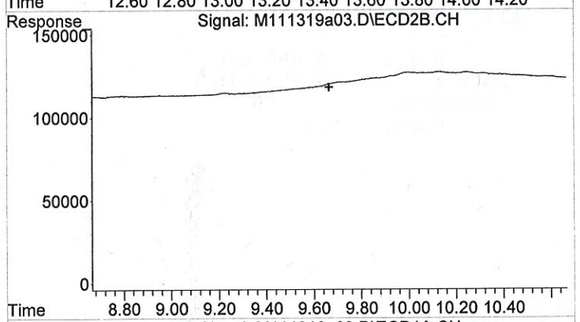
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



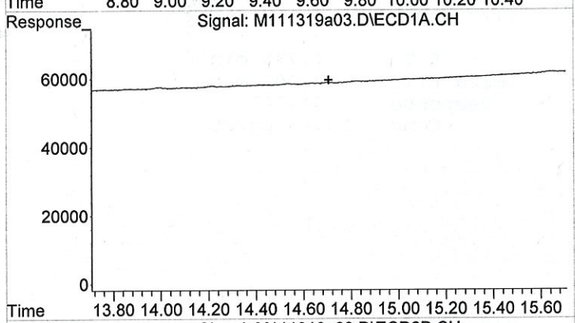
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.447 min
Response: 0
Conc: N.D.



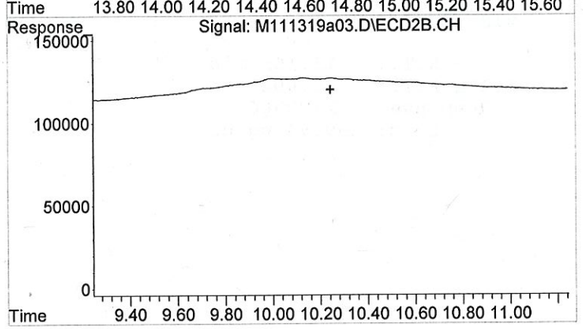
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 9.666 min
Response: 0
Conc: N.D.



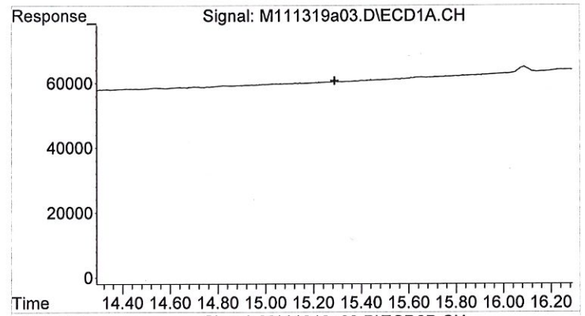
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.708 min
Response: 0
Conc: N.D.



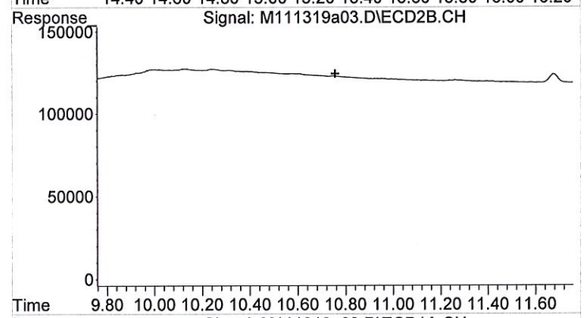
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 10.244 min
Response: 0
Conc: N.D.



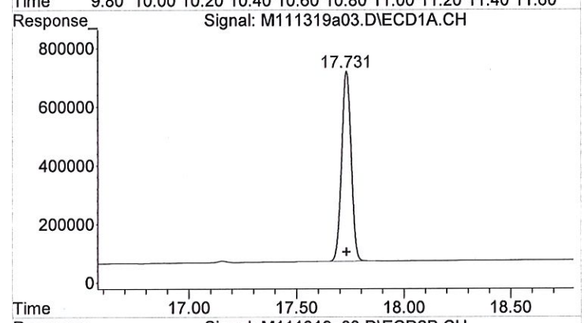
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 15.289 min
Response: 0
Conc: N.D.



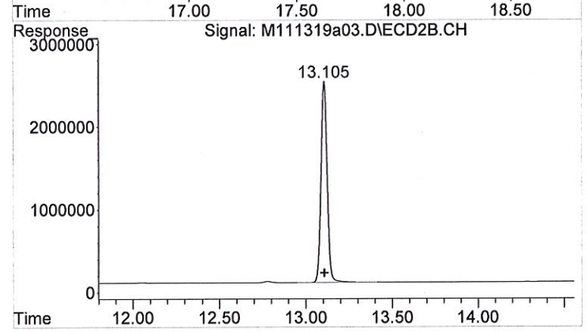
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 10.757 min
Response: 0
Conc: N.D.



#12 dcb

R.T.: 17.732 min
Delta R.T.: -0.002 min
Response: 647501
Conc: 55.86 pg/uL



#12 dcb

R.T.: 13.105 min
Delta R.T.: -0.002 min
Response: 2425366
Conc: 59.54 pg/uL

PCB Sample Results Summary

Sample.....: 92S110719B1
Data File....: M111319a17.D
Project.....: OCE-009E
Matrix.....: 40 - Soil
Analyzed.....: 11/13/2019 17:29
Type.....: BL
Additional Info..: SKY Valley PCB Solid 2g 2mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M111219PCB1260.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\M111319a17.D

Date Prepped...: 11/7/2019
ICAL Date.....: 11/12/2019
Prep Method....: 3541
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....: 0
Acq. Method: M012116PCB2B.M
ASEQ Number: 17

Instrument.....: Minerva
Amount Extracted.: 2 g
Percent Solids...: 100
Final Volume.....: 2 mL
Dilution.....: 1x D0

m = manual integration
d = deleted
U = Undetected
J = Below calibrated range
E = Exceeds calibrated range

Pk	Low Cal (pg)[1]	High Cal (pg)[1]	Compound Name	RT	Exp RT	Response		Spike (pg)[1]	Amount (pg)[1]	Result	Units	Q
1	2.5	250	tmx (1)	6.96	6.96	2614540		100	93	93	%Rec >0	
12	2.5	250	dcb	17.73	17.73	1322380		100	110	115	%Rec >0	
14	2.5	250	tmx (1) #2	4.71	4.71	8259360		100	93	93	%Rec >0	
25	2.5	250	dcb #2	13.11	13.11	4206200		100	100	103	%Rec >0	
2	25	2500	1016 -1	-	-	-	d	-	-	25	ug/kg (RL)	U
3	25	2500	1016-2	-	-	-		-	-	25	ug/kg (RL)	U
4	25	2500	1016-3	-	-	-		-	-	25	ug/kg (RL)	U
5	25	2500	1016-4	-	-	-	d	-	-	25	ug/kg (RL)	U
6	25	2500	1016-5	-	-	-		-	-	25	ug/kg (RL)	U
7	25	2500	1260-1	-	-	-		-	-	25	ug/kg (RL)	U
8	25	2500	1260-2	-	-	-		-	-	25	ug/kg (RL)	U
9	25	2500	1260-3	-	-	-		-	-	25	ug/kg (RL)	U
10	25	2500	1260-4	-	-	-		-	-	25	ug/kg (RL)	U
11	25	2500	1260-5	-	-	-		-	-	25	ug/kg (RL)	U
15	25	2500	1016 -1 #2	-	-	-	d	-	-	25	ug/kg (RL)	U
16	25	2500	1016-2 #2	-	-	-		-	-	25	ug/kg (RL)	U
17	25	2500	1016-3 #2	-	-	-		-	-	25	ug/kg (RL)	U
18	25	2500	1016-4 #2	-	-	-	d	-	-	25	ug/kg (RL)	U
19	25	2500	1016-5 #2	-	-	-		-	-	25	ug/kg (RL)	U
20	25	2500	1260-1 #2	-	-	-		-	-	25	ug/kg (RL)	U
21	25	2500	1260-2 #2	-	-	-		-	-	25	ug/kg (RL)	U
22	25	2500	1260-3 #2	-	-	-		-	-	25	ug/kg (RL)	U
23	25	2500	1260-4 #2	-	-	-		-	-	25	ug/kg (RL)	U
24	25	2500	1260-5 #2	-	-	-		-	-	25	ug/kg (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
12674112	1016 Column 1	25	ug/kg (RL)	0	NA	
12674112	1016 Column 2	25	ug/kg (RL)	0	NA	
11096825	1260 Column 1	25	ug/kg (RL)	0	NA	
11096825	1260 Column 2	25	ug/kg (RL)	0	NA	

Results will be reported from Column 1

[1]'Amount' units are pg or pg/uL on column. [2]RPD (Relative Percent Difference) is the percent difference between the result of column 1 and the result of column 2. The values are calculated using the non-rounded average result values. (|A-B|/((A+B)*0.5))*100 is the formula used for the calculation. The value should nominally be <= 40%.

Sample Concentration = (Amt)*(Final Volume[mL])*(Dilution)/Amount Extracted = ug/L, ug/kg, ug/g, or ug.

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a17.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 5:29 pm
Operator : DWOOD
Sample : 92S110719B1
Misc : SKY Valley PCB Solid 2g 2mL fv
ALS Vial : 0 (Sig #1); 15 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:26:25 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.958	4.715	2614538	8259364	92.512	92.999
12) S2 dcb	17.733	13.105	1322383	4206200	114.585	103.430
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D. d	N.D. d
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

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

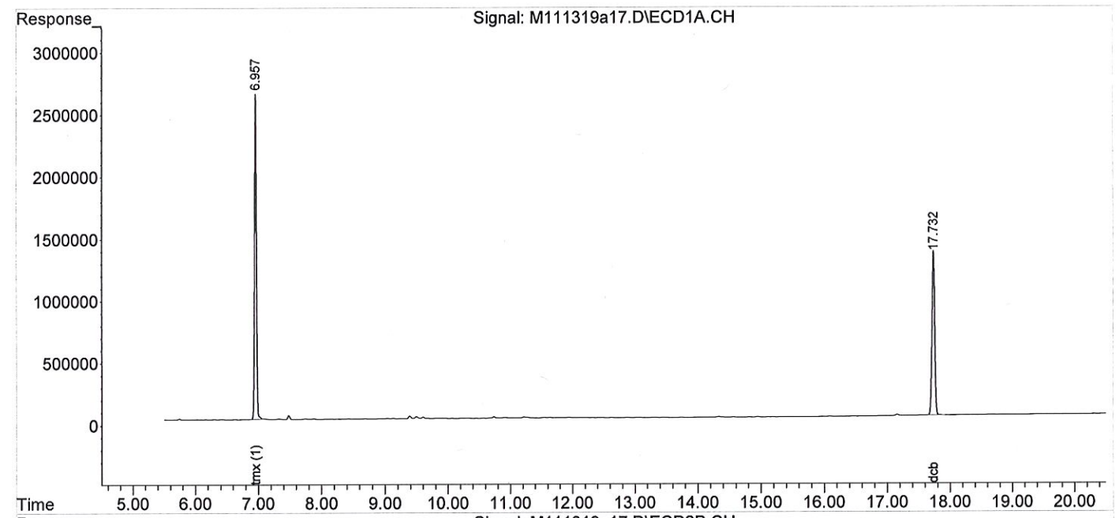
lw 12/6/19

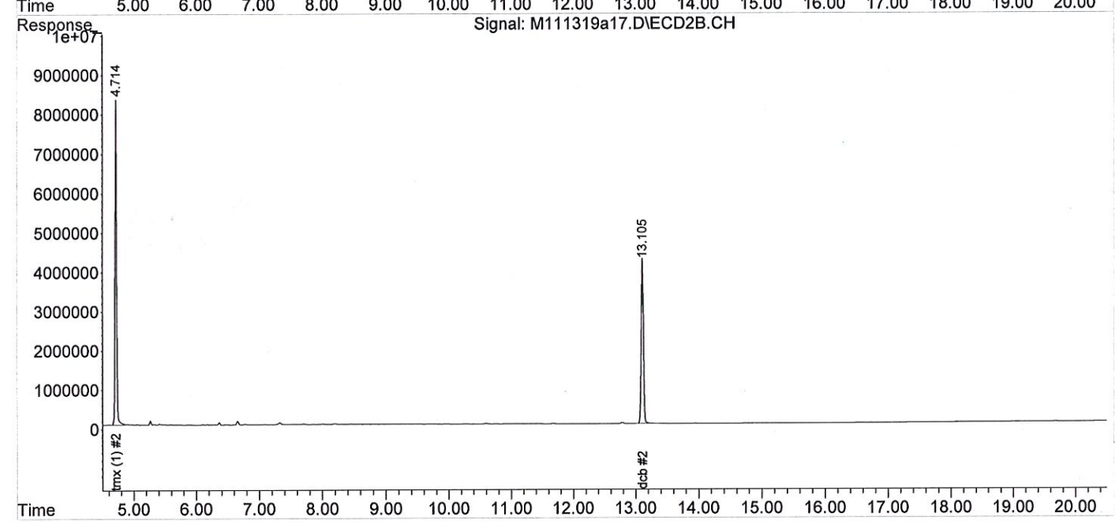
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a17.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 5:29 pm
Operator : DWOOD
Sample : 92S110719B1
Misc : SKY Valley PCB Solid 2g 2mL fv
ALS Vial : 0 (Sig #1); 15 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:26:25 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a17.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 5:29 pm
Operator : DWOOD
Sample : 92S110719B1
Misc : SKY Valley PCB Solid 2g 2mL fv
ALS Vial : 0 (Sig #1); 15 (Sig #2) Sample Multiplier: 1

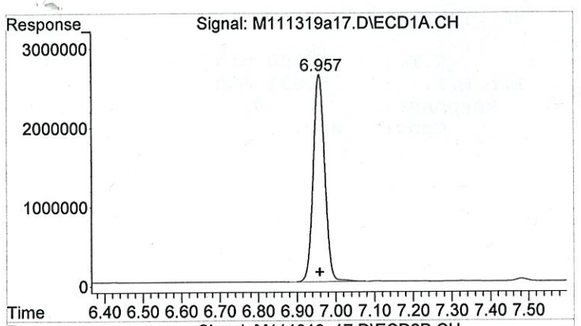
Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Nov 14 10:09:29 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL	
	System Monitoring Compounds							
1)	S2 tmx (1)	6.958	4.715	2614538	8259364	92.512	92.999	
12)	S2 dcb	17.733	13.105	1322383	4206200	114.585	103.430	
	Target Compounds							
2)	L1 1016 -1	0.000	5.265	0	~~97237~~	N.D.	59.325	#
3)	L1 1016-2	0.000	0.000	0	0	N.D.	N.D.	
4)	L1 1016-3	0.000	0.000	0	0	N.D.	N.D.	
5)	L1 1016-4	9.387	0.000	~~18776~~	0	36.909	N.D.	#
6)	L1 1016-5	0.000	0.000	0	0	N.D.	N.D.	
	Sum 1016 -1			18776	97237	36.909	59.325	
	Average 1016 -1					36.909	59.325	
7)	L2 1260-1	0.000	0.000	0	0	N.D.	N.D.	
8)	L2 1260-2	0.000	0.000	0	0	N.D.	N.D.	
9)	L2 1260-3	0.000	0.000	0	0	N.D.	N.D.	
10)	L2 1260-4	0.000	0.000	0	0	N.D.	N.D.	
11)	L2 1260-5	0.000	0.000	0	0	N.D.	N.D.	
	Sum 1260-1			0	0	N.D.	N.D.	
	Average 1260-1					0.000	0.000	

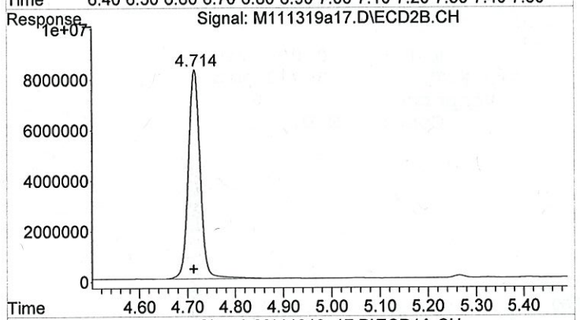
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

11/15/19



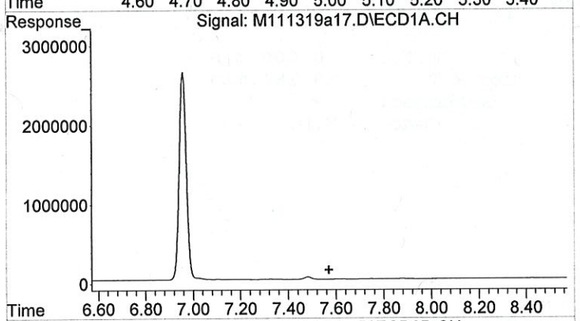
#1 tmx (1)

R.T.: 6.958 min
Delta R.T.: -0.001 min
Response: 2614538
Conc: 92.51 pg/uL



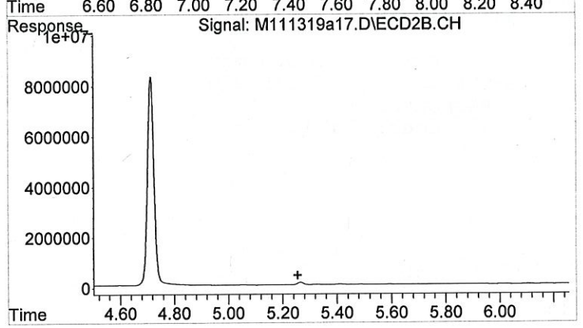
#1 tmx (1)

R.T.: 4.715 min
Delta R.T.: 0.002 min
Response: 8259364
Conc: 93.00 pg/uL



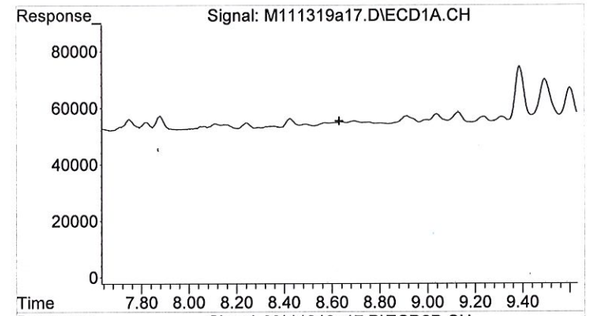
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



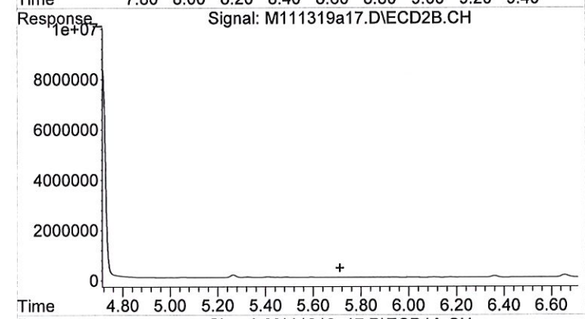
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



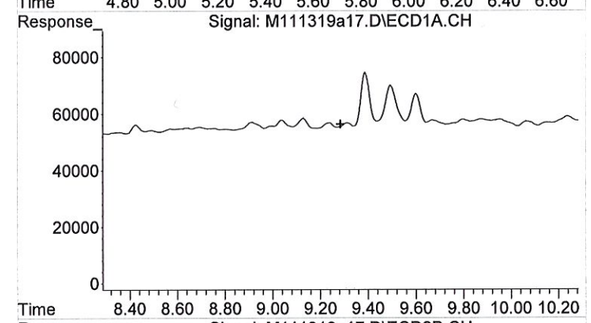
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



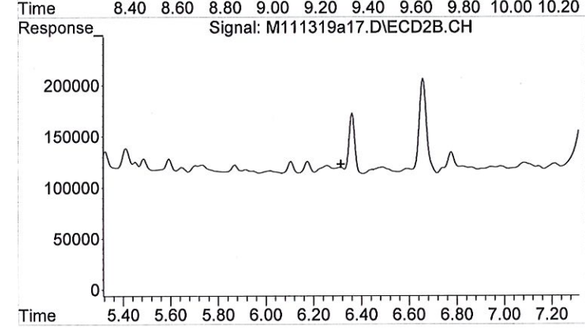
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



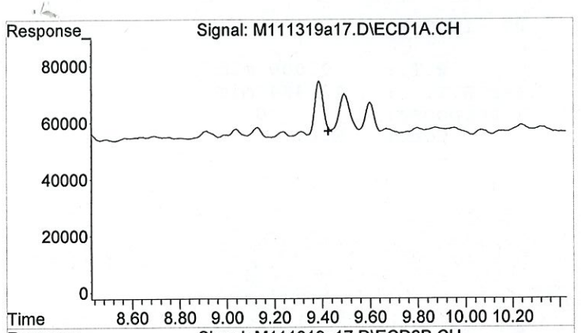
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



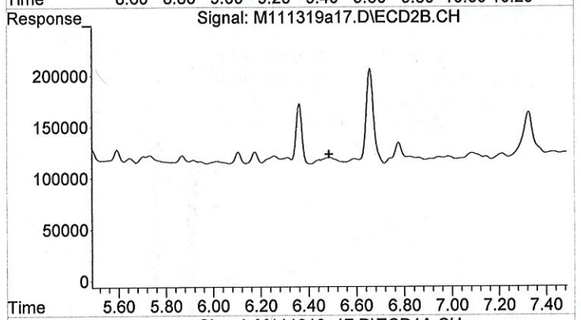
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



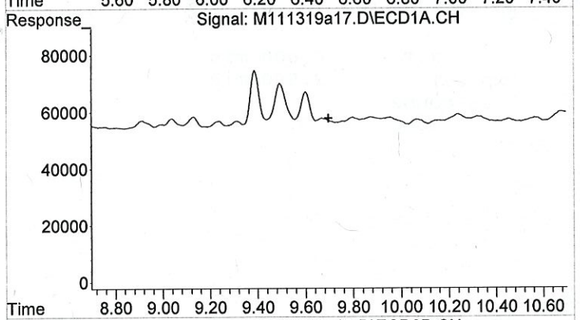
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



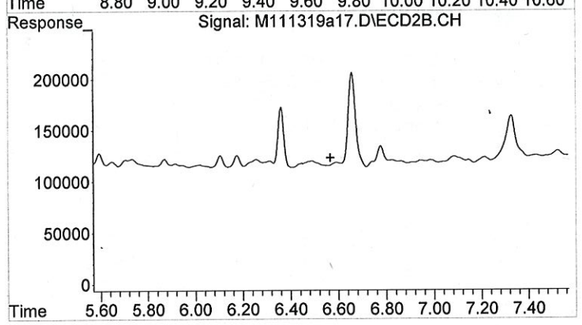
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



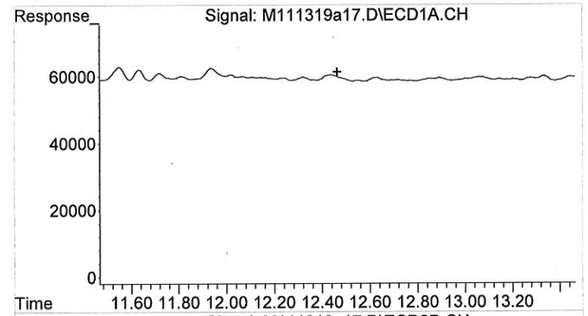
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



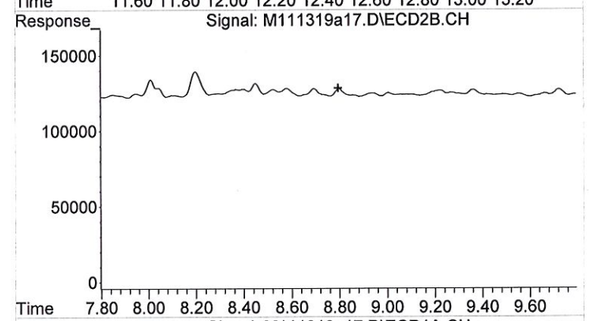
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



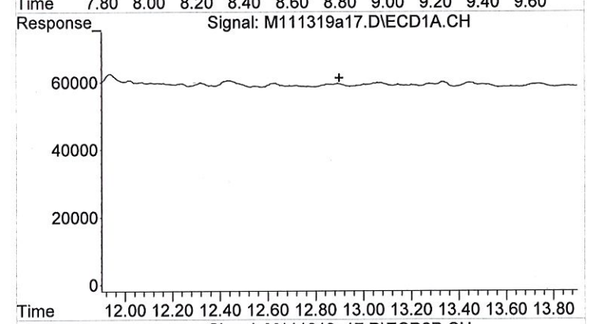
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.464 min
Response: 0
Conc: N.D.



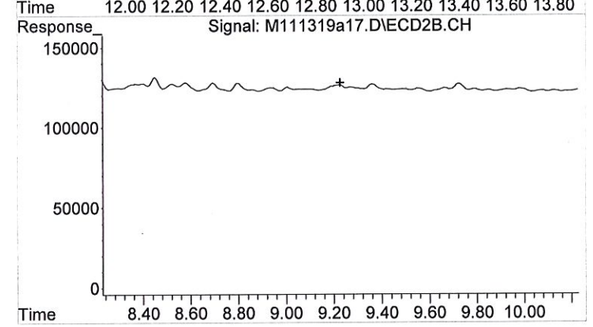
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



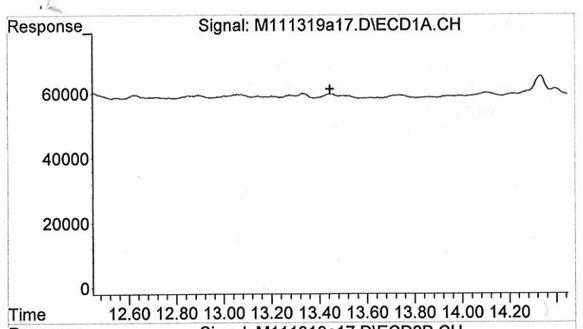
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 12.900 min
Response: 0
Conc: N.D.



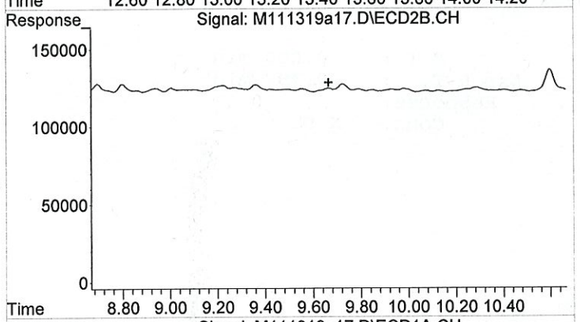
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



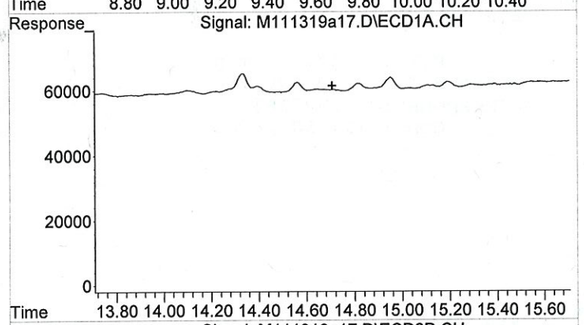
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.447 min
Response: 0
Conc: N.D.



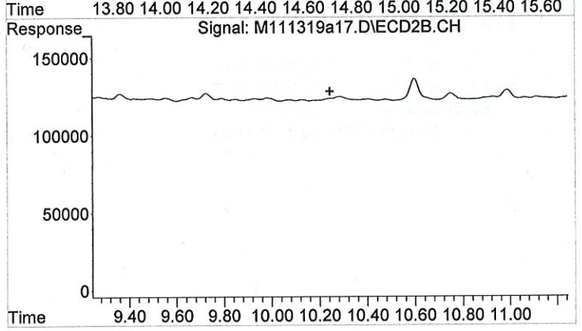
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 9.666 min
Response: 0
Conc: N.D.



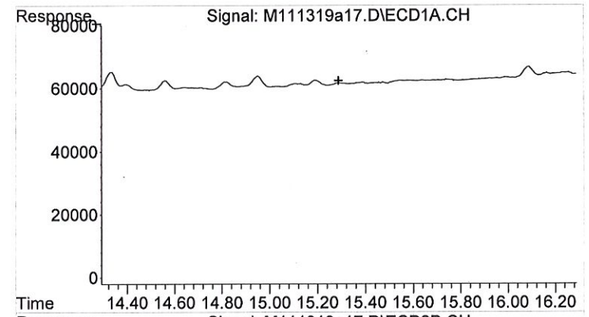
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.708 min
Response: 0
Conc: N.D.



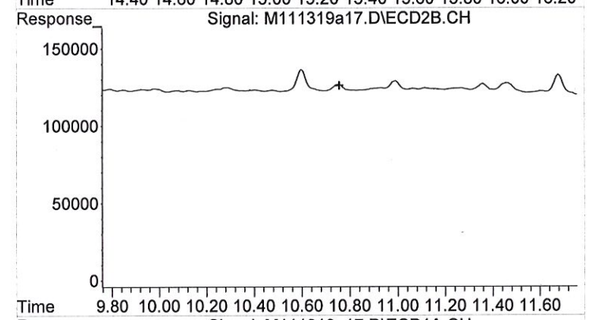
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 10.244 min
Response: 0
Conc: N.D.



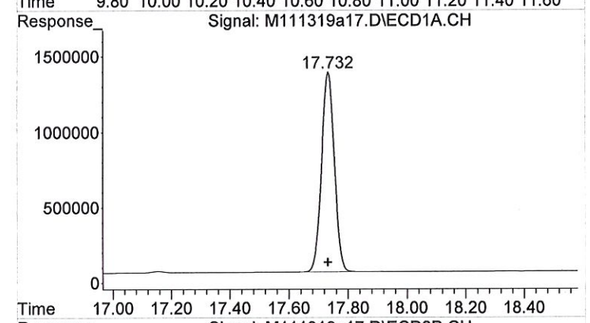
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 15.289 min
Response: 0
Conc: N.D.



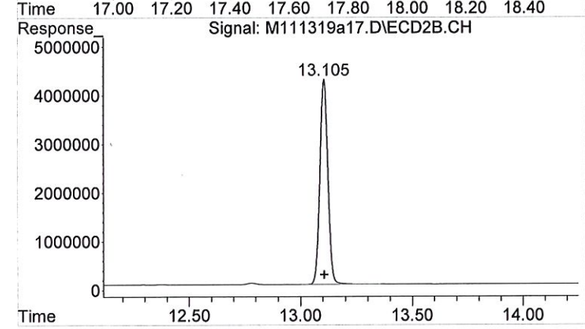
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 10.757 min
Response: 0
Conc: N.D.



#12 dcb

R.T.: 17.733 min
Delta R.T.: 0.000 min
Response: 1322383
Conc: 114.58 pg/uL



#12 dcb

R.T.: 13.105 min
Delta R.T.: -0.002 min
Response: 4206200
Conc: 103.43 pg/uL

Sample.....: 92S111919B1
Data File....: M112019a03.D
Project.....: OCE-009E
Matrix.....: ~~40 - Soil~~ Air Filter
Analyzed.....: 11/20/2019 10:43
Type.....: BL
Additional Info..: SKY Valley PCB Air Filter Dust 2mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M111219PCB1260.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\M112019a03.D

Date Prepped...: 11/19/2019
ICAL Date.....: 11/12/2019
Prep Method....: 3541
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....: 0
Acq. Method: M012116PCB2B.M
ASEQ Number: 3

Instrument.....: Minerva
Amount Extracted.: 5 g
Percent Solids...: 100
Final Volume.....: 2 mL
Dilution.....: 1x D0

m = manual integration
d = deleted
U = Undetected
J = Below calibrated range
E = Exceeds calibrated range

Pk	Low Cal (pg)¹	High Cal (pg)¹	Compound Name	RT	Exp RT	Response		Spike (pg)¹	Amount (pg)¹	Result	Units	Q
1	2.5	250	tmx (1)	6.96	6.96	2326400		100	82	82	%Rec	>0
12	2.5	250	dcb	17.73	17.73	891854		100	77	77	%Rec	>0
14	2.5	250	tmx (1) #2	4.71	4.71	7188870		100	81	81	%Rec	>0
25	2.5	250	dcb #2	13.10	13.11	3107670		100	76	76	%Rec	>0
2	25	2500	1016 -1	-	-	-	d	-	-	10	ug/kg (RL)	U
3	25	2500	1016-2	-	-	-		-	-	10	ug/kg (RL)	U
4	25	2500	1016-3	-	-	-		-	-	10	ug/kg (RL)	U
5	25	2500	1016-4	-	-	-	d	-	-	10	ug/kg (RL)	U
6	25	2500	1016-5	-	-	-		-	-	10	ug/kg (RL)	U
7	25	2500	1260-1	-	-	-		-	-	10	ug/kg (RL)	U
8	25	2500	1260-2	-	-	-		-	-	10	ug/kg (RL)	U
9	25	2500	1260-3	-	-	-		-	-	10	ug/kg (RL)	U
10	25	2500	1260-4	-	-	-		-	-	10	ug/kg (RL)	U
11	25	2500	1260-5	-	-	-		-	-	10	ug/kg (RL)	U
15	25	2500	1016 -1 #2	-	-	-	d	-	-	10	ug/kg (RL)	U
16	25	2500	1016-2 #2	-	-	-		-	-	10	ug/kg (RL)	U
17	25	2500	1016-3 #2	-	-	-		-	-	10	ug/kg (RL)	U
18	25	2500	1016-4 #2	-	-	-	d	-	-	10	ug/kg (RL)	U
19	25	2500	1016-5 #2	-	-	-		-	-	10	ug/kg (RL)	U
20	25	2500	1260-1 #2	-	-	-		-	-	10	ug/kg (RL)	U
21	25	2500	1260-2 #2	-	-	-		-	-	10	ug/kg (RL)	U
22	25	2500	1260-3 #2	-	-	-		-	-	10	ug/kg (RL)	U
23	25	2500	1260-4 #2	-	-	-		-	-	10	ug/kg (RL)	U
24	25	2500	1260-5 #2	-	-	-		-	-	10	ug/kg (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD²
12674112	1016 Column 1	10	ug/kg (RL)	0	NA	Results will be reported from Column 1
12674112	1016 Column 2	10	ug/kg (RL)	0	NA	
11096825	1260 Column 1	10	ug/kg (RL)	0	NA	
11096825	1260 Column 2	10	ug/kg (RL)	0	NA	

¹'Amount' units are pg or pg/uL on column. ²RPD (Relative Percent Difference) is the percent difference between the result of column 1 and the result of column 2. The values are calculated using the non-rounded average result values. (|A-B|/((A+B)*0.5))*100 is the formula used for the calculation. The value should nominally be <= 40%.

Sample Concentration = (Amt)*(Final Volume[mL])*(Dilution)/Amount Extracted = ug/L, ug/kg, ug/g, or ug.

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a03.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 10:43 am
Operator : DWOOD
Sample : 92S111919B1
Misc : SKY Valley PCB Air Filter Dust 2mL fv
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:44:48 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.957	4.713	2326395	7188870	82.280	80.902
12) S2 dcb	17.732	13.104	891854	3107671	77.122	76.354
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D. d	N.D. d
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

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

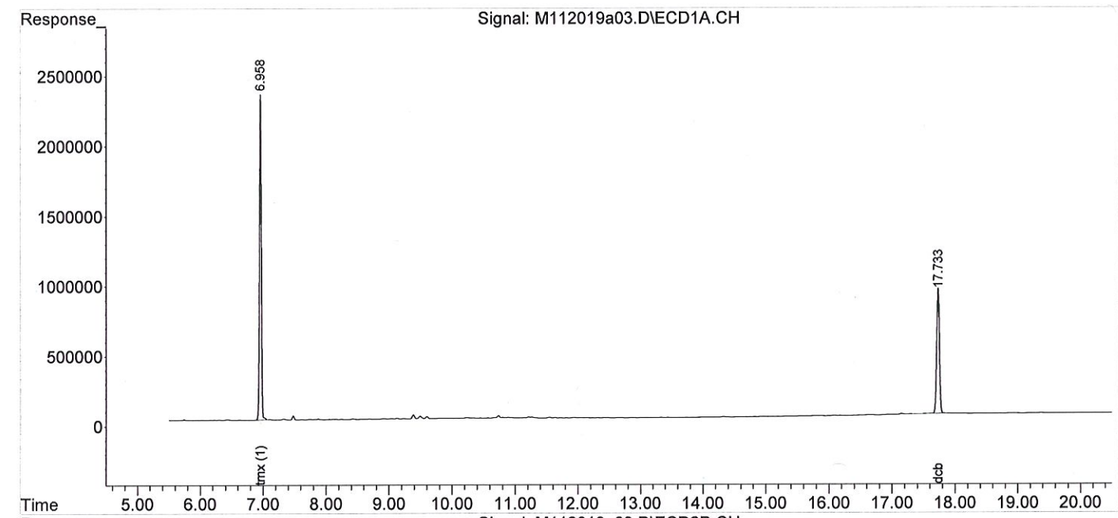
LW
12/6/19

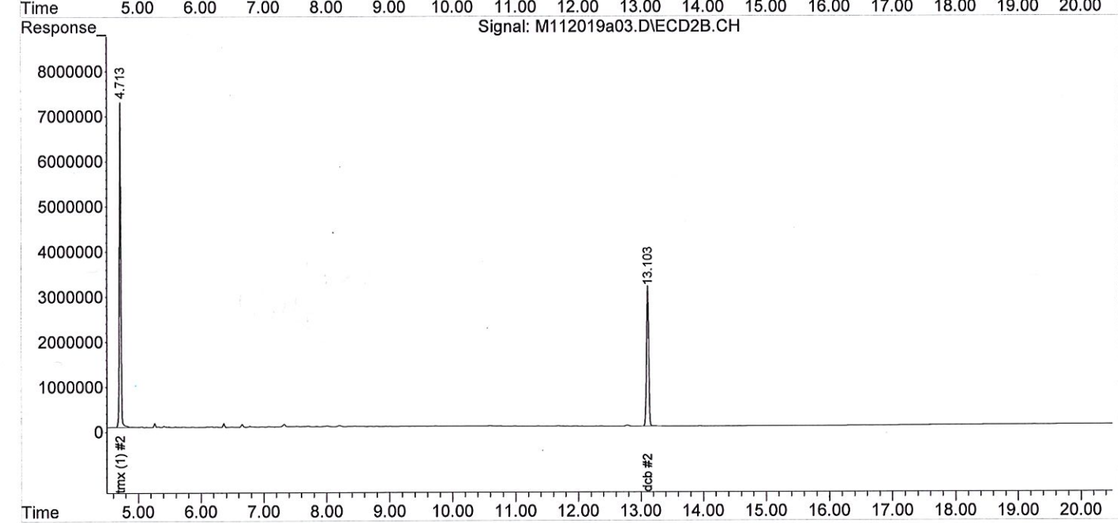
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a03.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 10:43 am
Operator : DWOOD
Sample : 92S111919B1
Misc : SKY Valley PCB Air Filter Dust 2mL fv
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:44:48 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a03.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 10:43 am
Operator : DWOOD
Sample : 92S111919B1
Misc : SKY Valley PCB Air Filter Dust 2mL fv
ALS Vial : 0 (Sig #1); 3 (Sig #2) Sample Multiplier: 1

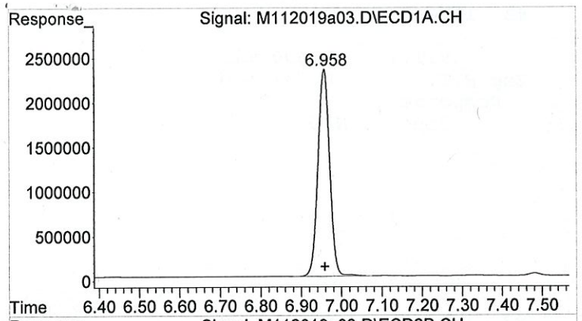
Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:39:34 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32
Signal #2 Phase: CLPest2
Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.957	4.713	2326395	7188870	82.280	80.902
12) S2 dcb	17.732	13.104	891854	3107671	77.122	76.354
Target Compounds						
2) L1 1016 -1	0.000	5.263	0	~~91411~~	N.D.	55.194 #
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	9.386	6.490	~~26891~~	10022	54.495	N.D. #
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			26891	91411	54.495	53.860
Average 1016 -1					54.495	53.860
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

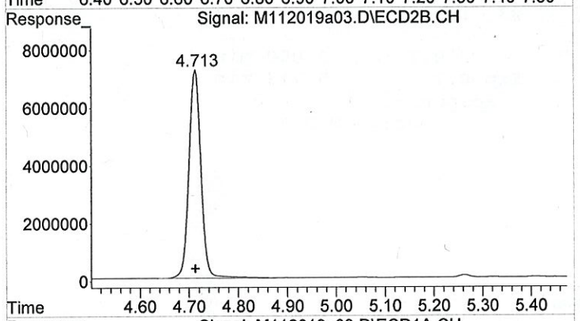
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

MW
12/6/19



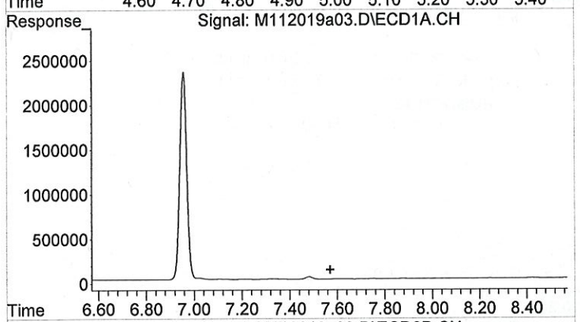
#1 tmx (1)

R.T.: 6.957 min
Delta R.T.: -0.002 min
Response: 2326395
Conc: 82.28 pg/uL



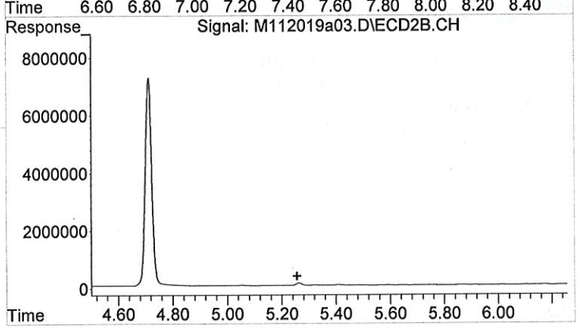
#1 tmx (1)

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 7188870
Conc: 80.90 pg/uL



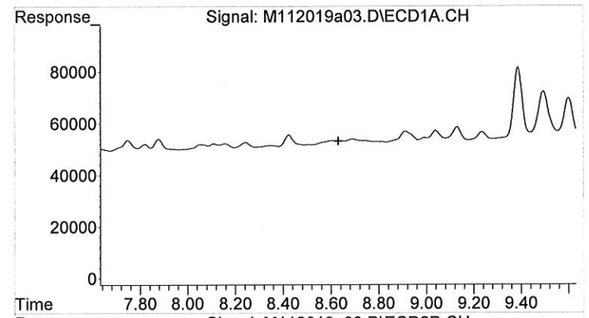
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



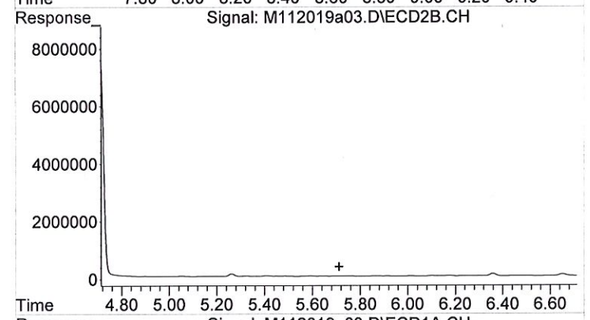
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



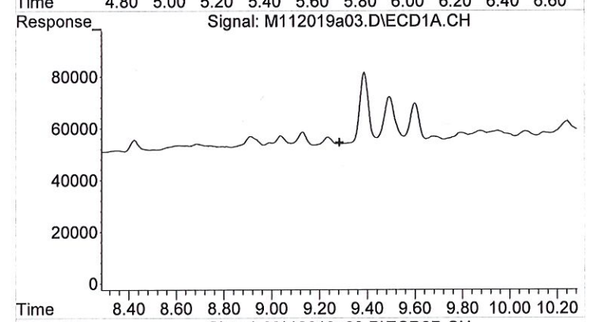
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



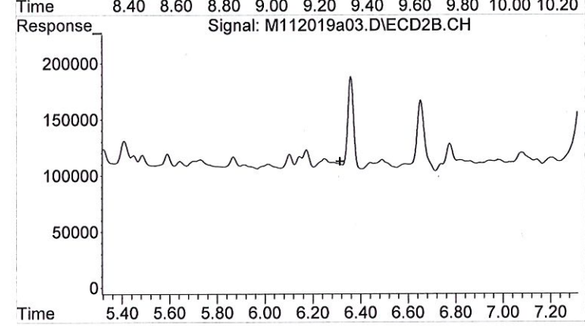
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



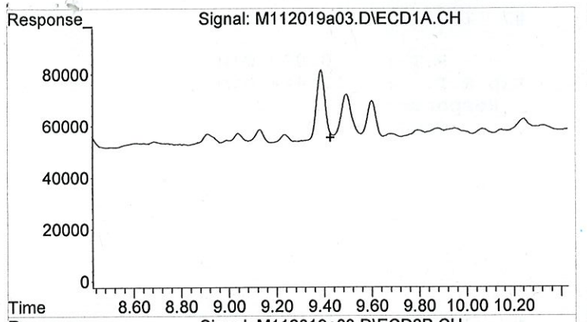
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



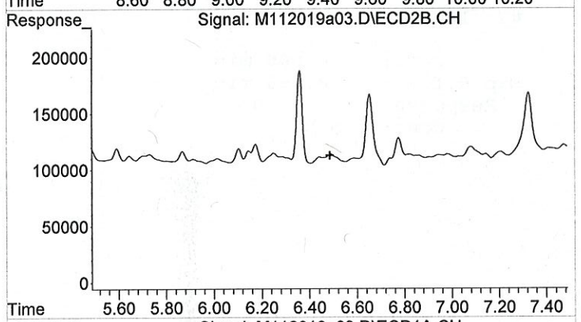
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



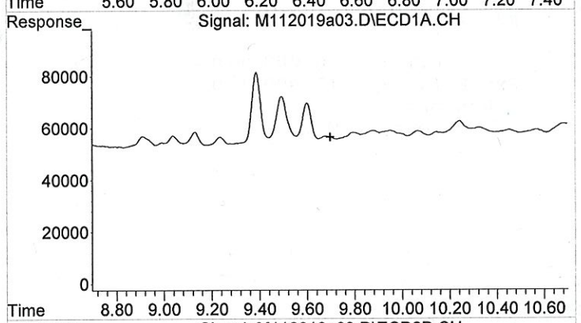
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



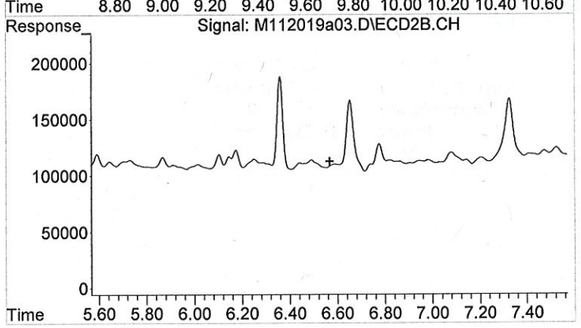
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



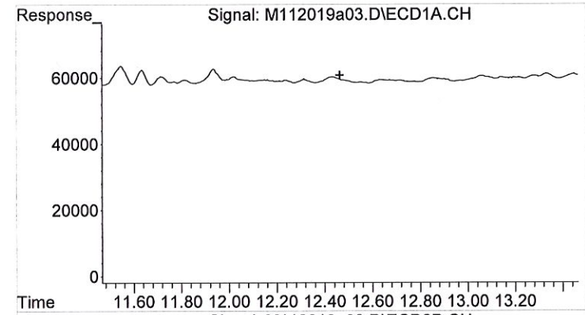
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



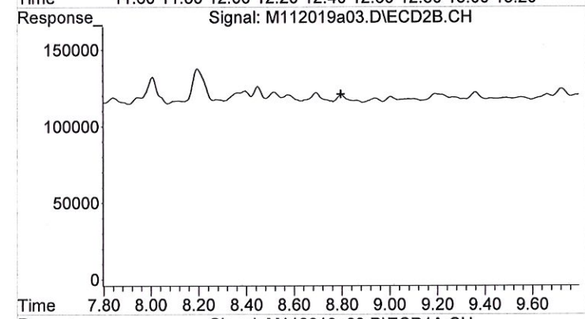
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



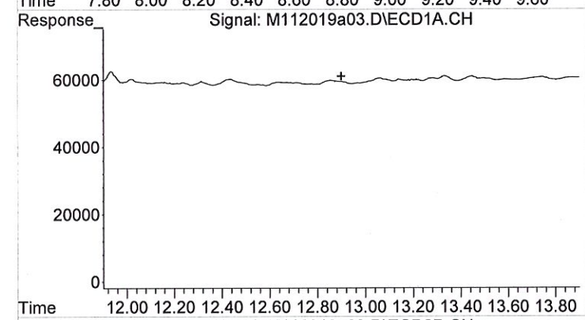
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.464 min
Response: 0
Conc: N.D.



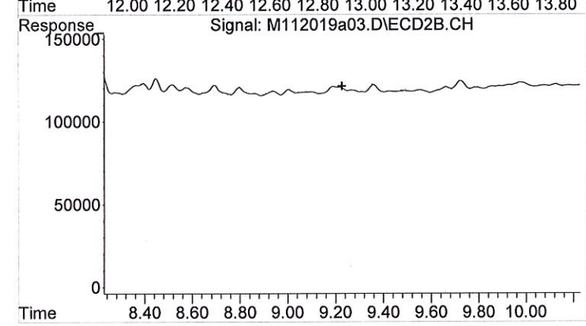
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



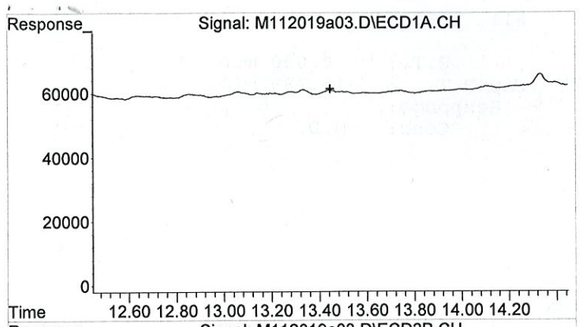
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 12.900 min
Response: 0
Conc: N.D.



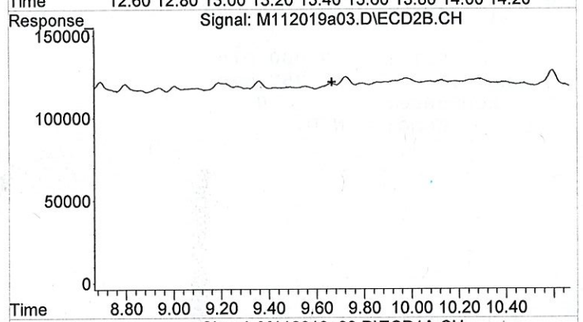
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



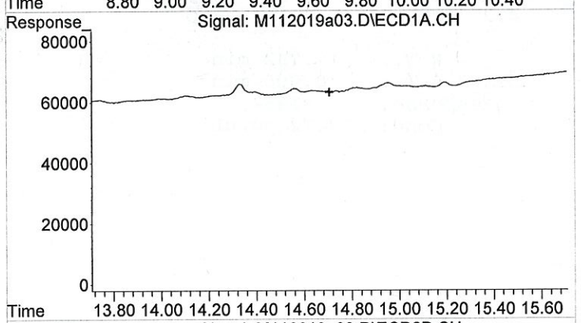
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.447 min
Response: 0
Conc: N.D.



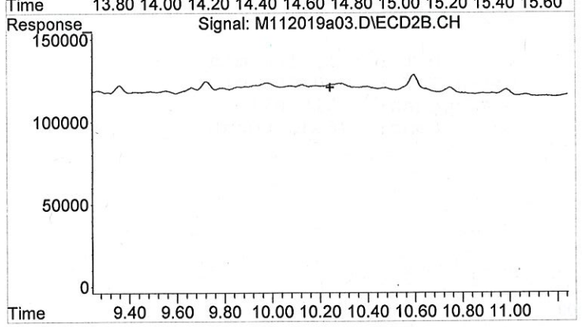
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 9.666 min
Response: 0
Conc: N.D.



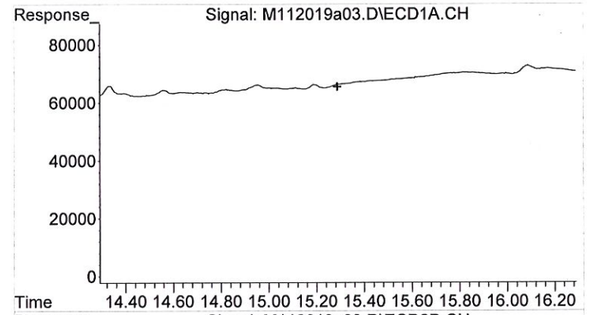
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.708 min
Response: 0
Conc: N.D.



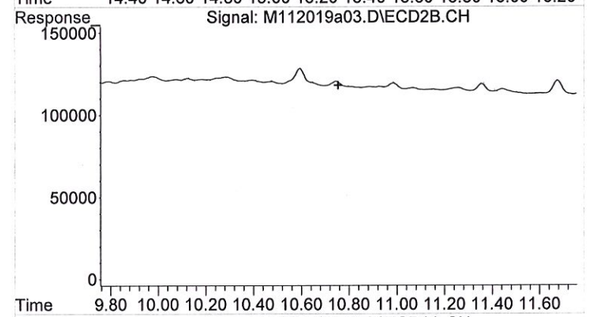
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 10.244 min
Response: 0
Conc: N.D.



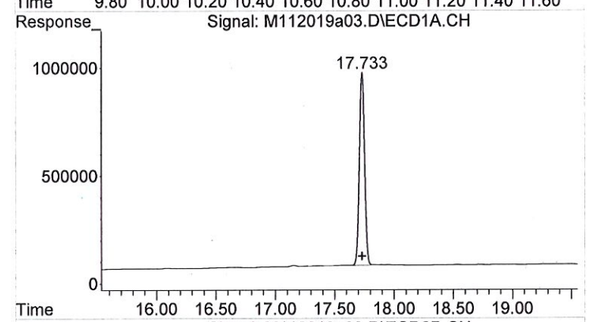
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 15.289 min
Response: 0
Conc: N.D.



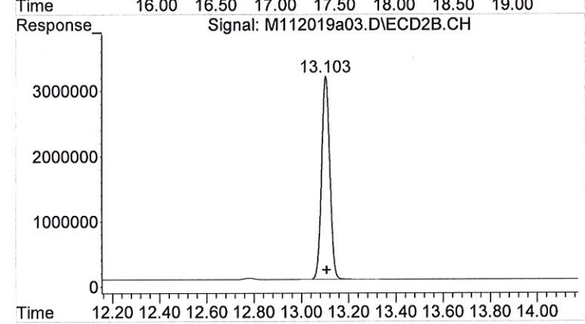
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 10.757 min
Response: 0
Conc: N.D.



#12 dcb

R.T.: 17.732 min
Delta R.T.: 0.000 min
Response: 891854
Conc: 77.12 pg/uL



#12 dcb

R.T.: 13.104 min
Delta R.T.: -0.003 min
Response: 3107671
Conc: 76.35 pg/uL

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 10:55 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:08:50 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.970	4.708	3269565	10862445	115.773	122.415
12) S2 dcb	17.747	13.107	1459300	4722194	126.499	116.148
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

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

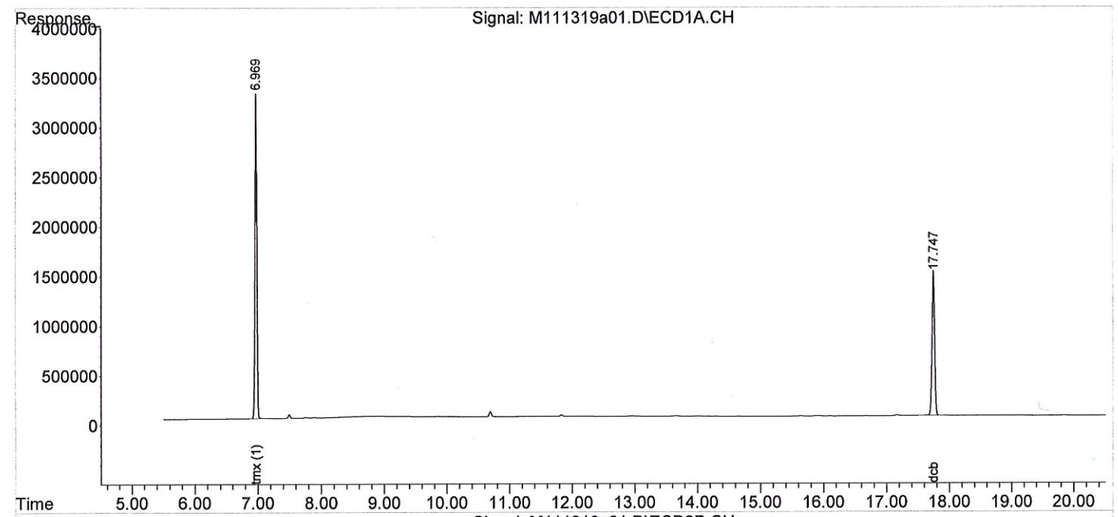
12/12/19

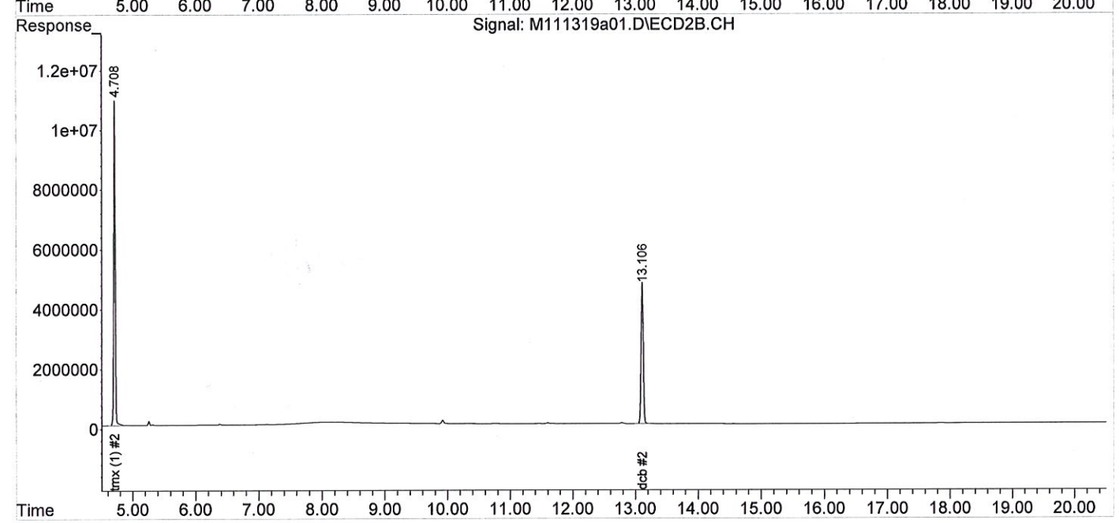
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 10:55 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:08:50 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 10:55 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

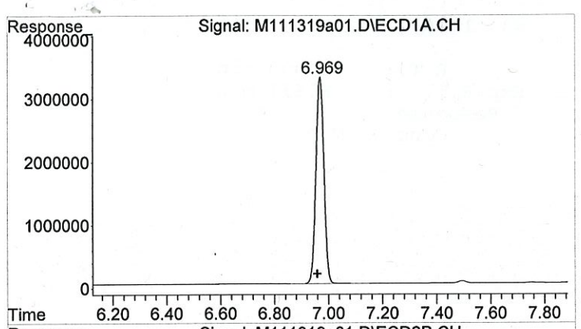
Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Nov 14 10:08:41 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.970	4.708	3269565	10862445	115.773	122.415
12) S2 dcb	17.747	13.107	1459300	4722194	126.499	116.148
Target Compounds						
2) L1 1016 -1	0.000	5.259	0	~~124773~~	N.D.	78.850 #
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	124773	N.D.	78.850
Average 1016 -1					0.000	78.850
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

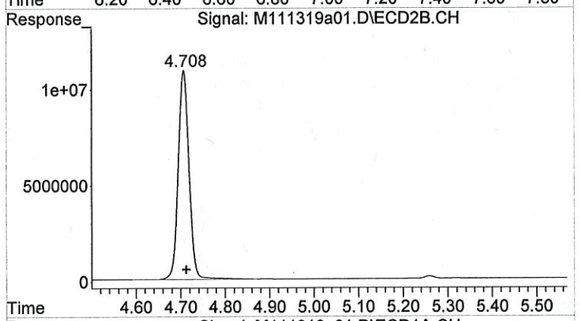
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

mw
11/15/19



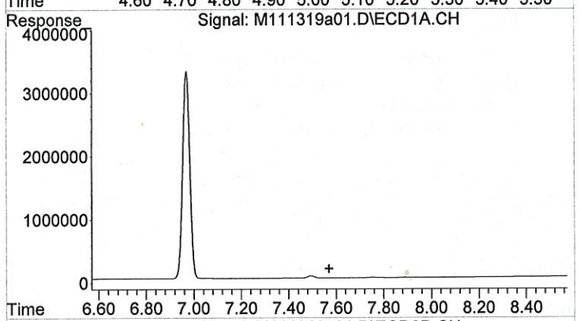
#1 tmx (1)

R.T.: 6.970 min
Delta R.T.: 0.011 min
Response: 3269565
Conc: 115.77 pg/uL



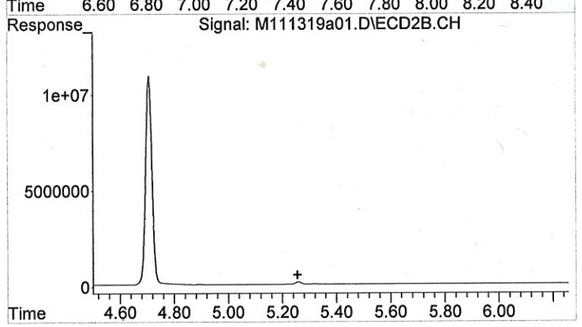
#1 tmx (1)

R.T.: 4.708 min
Delta R.T.: -0.005 min
Response: 10862445
Conc: 122.41 pg/uL



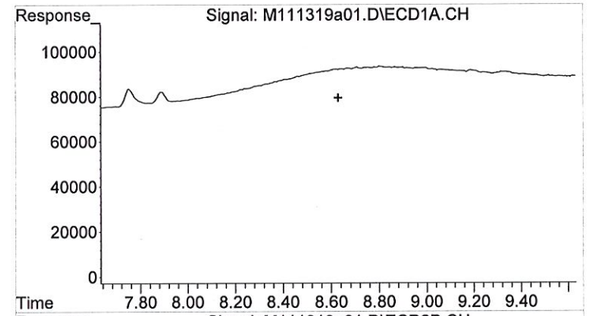
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



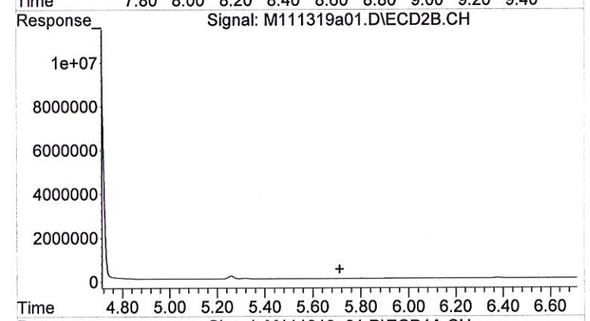
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



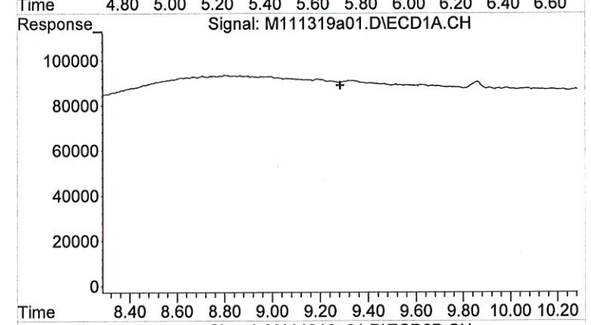
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



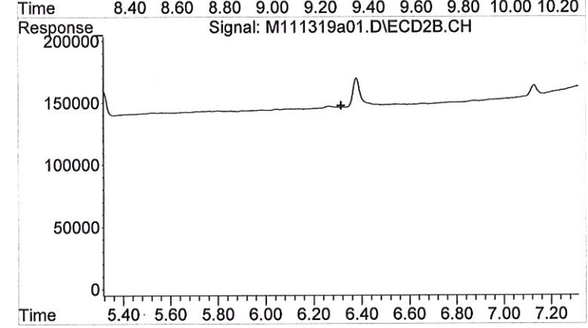
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



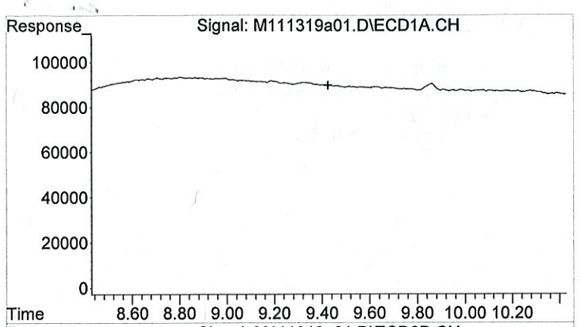
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



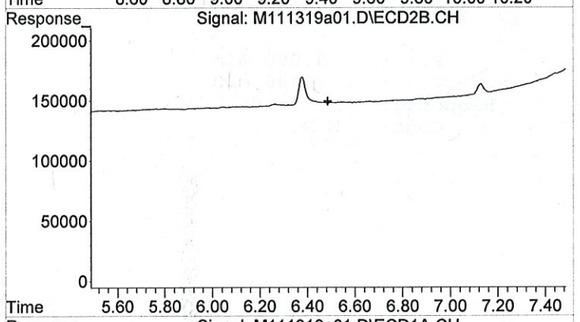
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



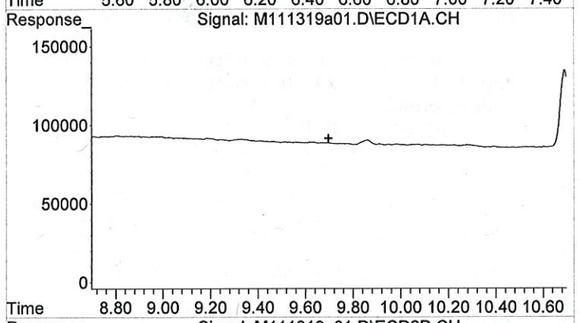
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



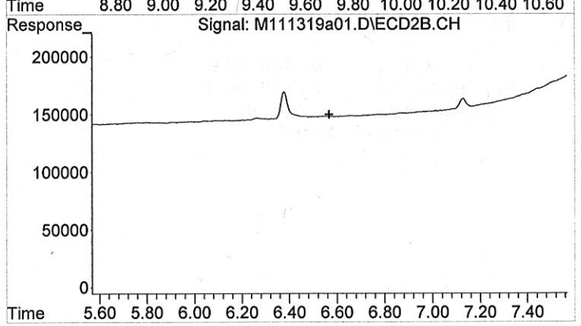
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



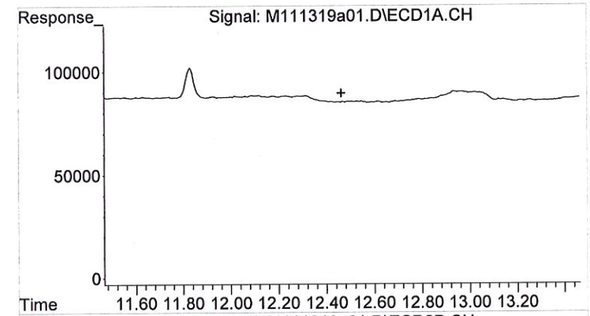
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



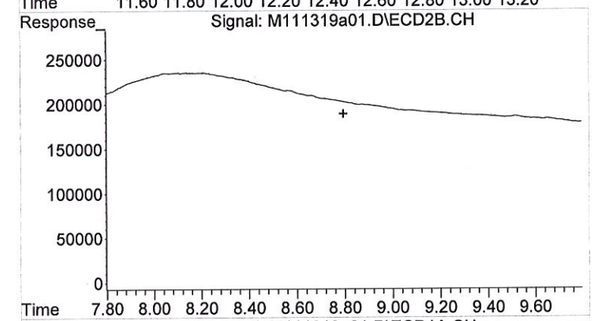
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



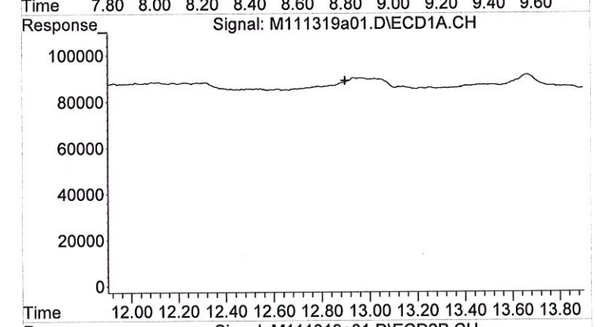
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.464 min
Response: 0
Conc: N.D.



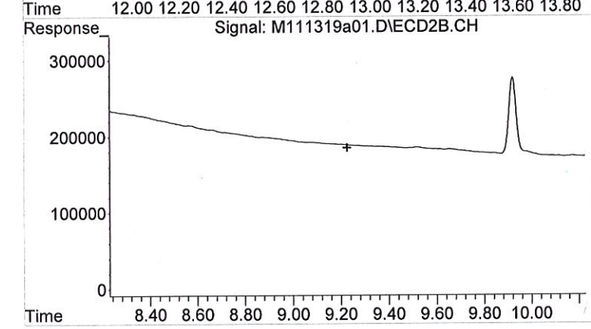
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



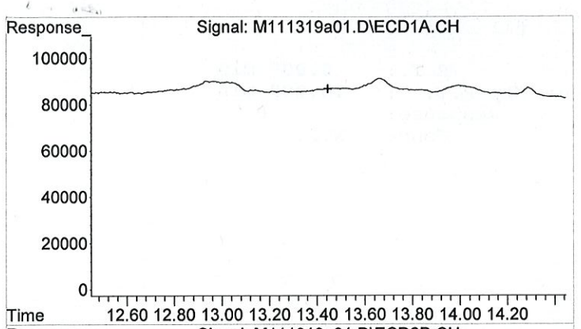
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 12.900 min
Response: 0
Conc: N.D.



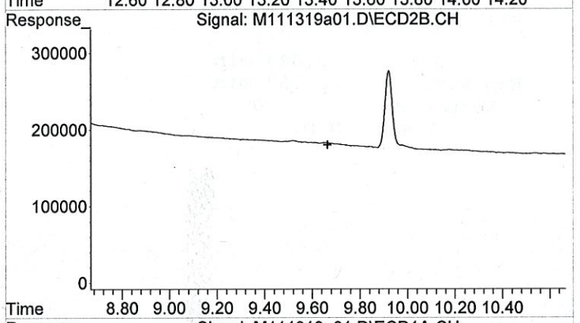
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



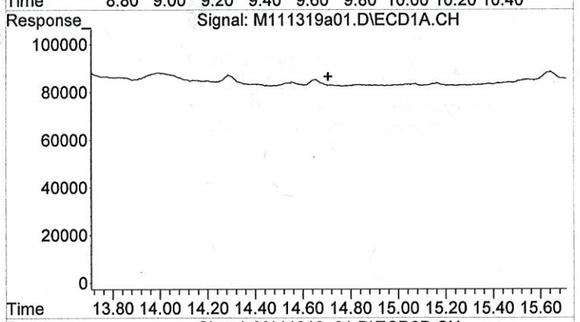
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.447 min
Response: 0
Conc: N.D.



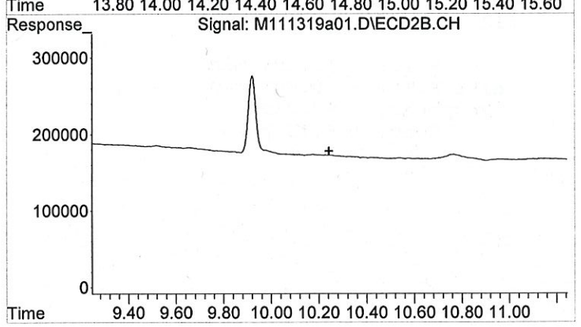
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 9.666 min
Response: 0
Conc: N.D.



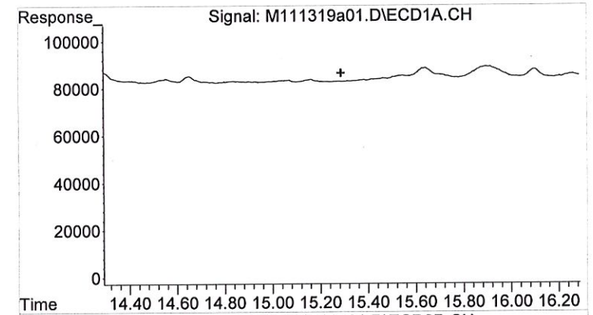
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.708 min
Response: 0
Conc: N.D.



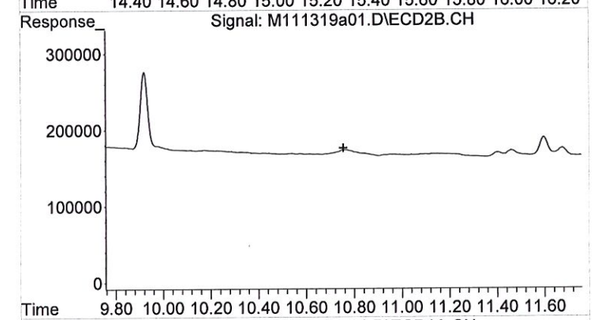
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 10.244 min
Response: 0
Conc: N.D.



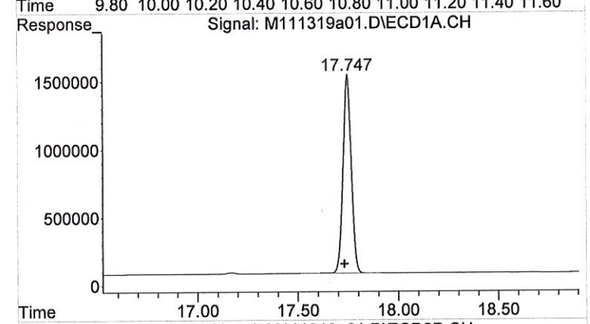
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 15.289 min
Response: 0
Conc: N.D.



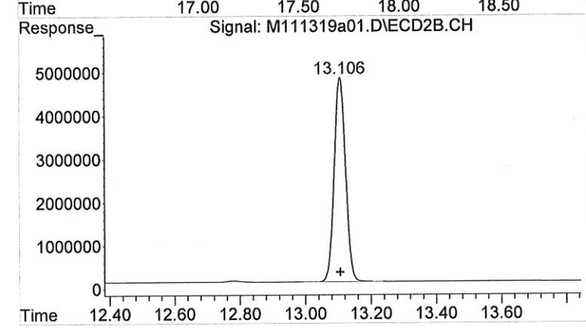
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 10.757 min
Response: 0
Conc: N.D.



#12 dcb

R.T.: 17.747 min
Delta R.T.: 0.014 min
Response: 1459300
Conc: 126.50 pg/uL



#12 dcb

R.T.: 13.107 min
Delta R.T.: 0.000 min
Response: 4722194
Conc: 116.15 pg/uL

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a15.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 4:40 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:24:59 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.957	4.714	3059568	9362490	108.316	105.465
12) S2 dcb	17.732	13.105	1341708	4065199	116.266	99.955
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

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

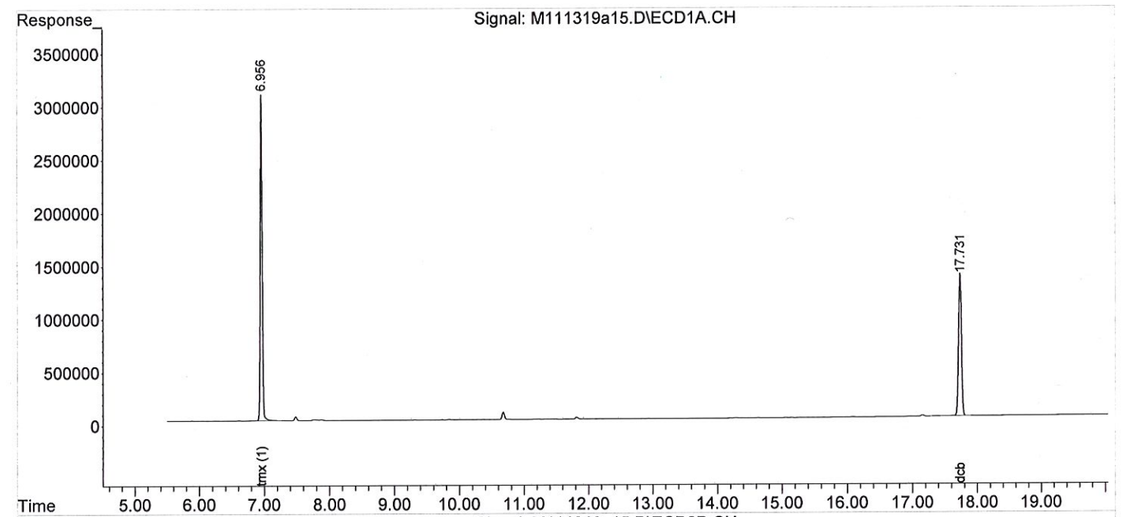
MW 12/6/19

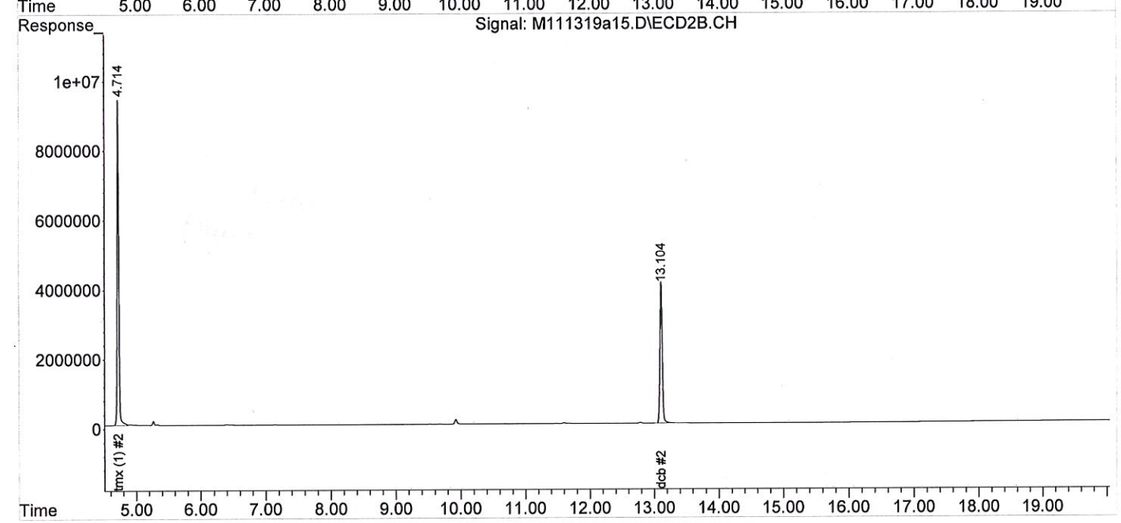
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a15.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 4:40 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:24:59 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a15.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 4:40 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

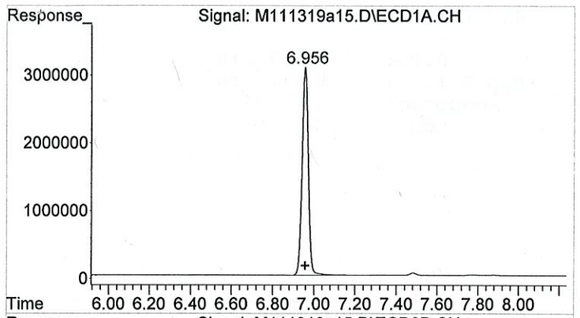
Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Nov 14 10:09:23 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

	Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
	System Monitoring Compounds						
1)	S2 tmx (1)	6.957	4.714	3059568	9362490	108.316	105.465
12)	S2 dcb	17.732	13.105	1341708	4065199	116.266	99.955
	Target Compounds						
2)	L1 1016 -1	0.000	5.264	0	114524	N.D.	71.583 #
3)	L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4)	L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5)	L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6)	L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1016 -1			0	114524	N.D.	71.583
	Average 1016 -1					0.000	71.583
7)	L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8)	L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9)	L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10)	L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11)	L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

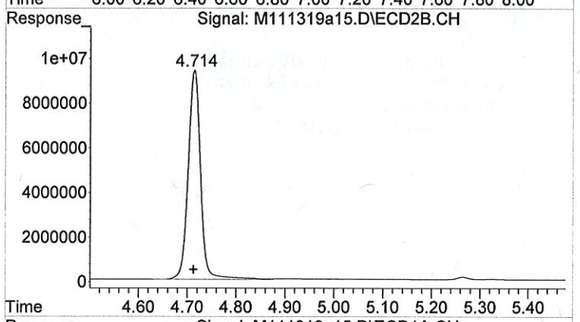
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

lw
11/15/19



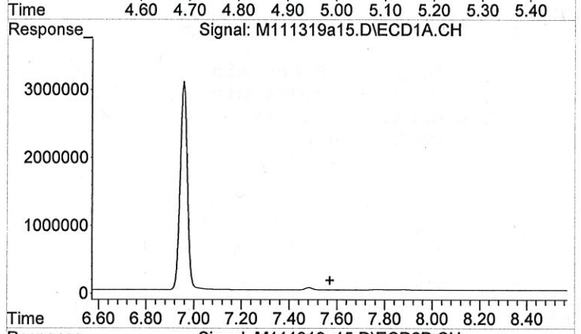
#1 tmx (1)

R.T.: 6.957 min
Delta R.T.: -0.002 min
Response: 3059568
Conc: 108.32 pg/uL



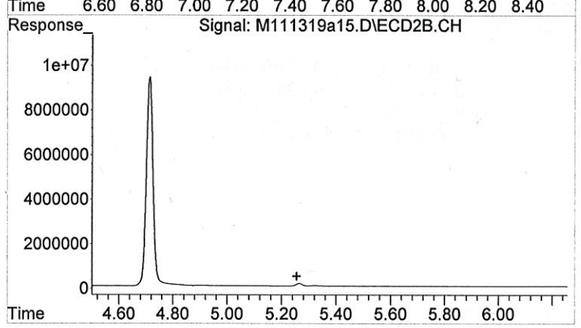
#1 tmx (1)

R.T.: 4.714 min
Delta R.T.: 0.001 min
Response: 9362490
Conc: 105.46 pg/uL



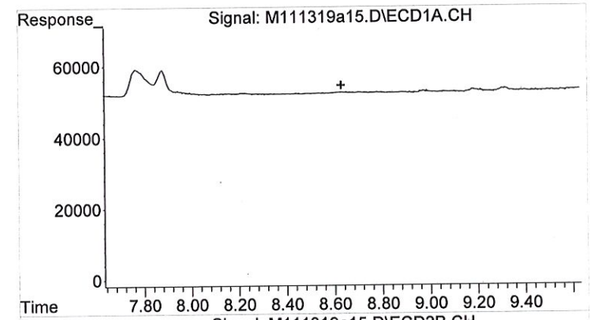
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



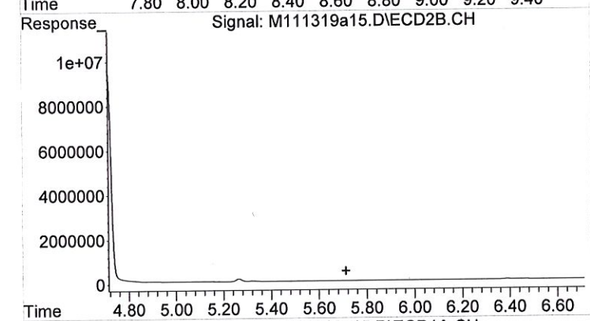
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



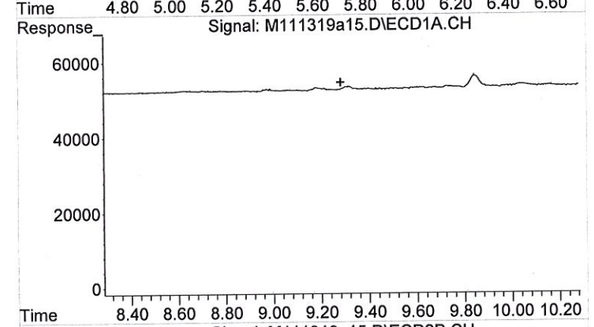
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



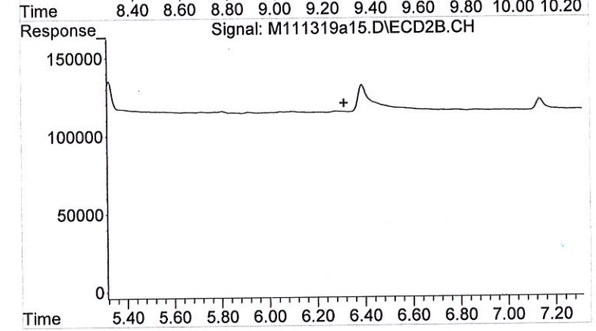
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



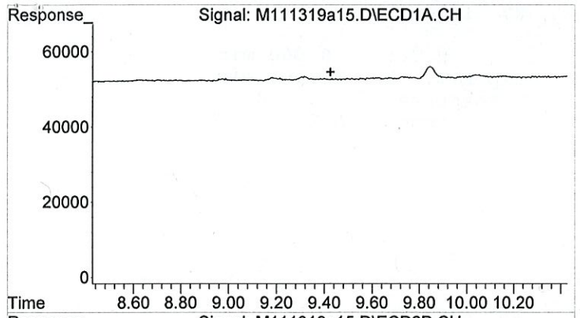
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



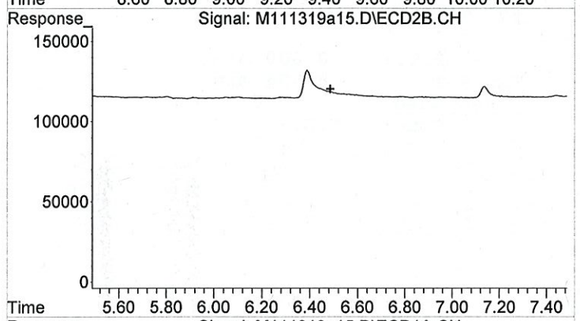
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



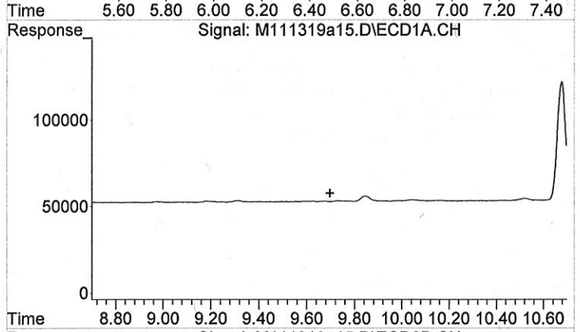
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



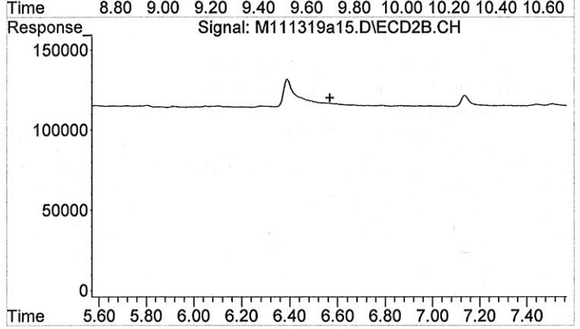
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



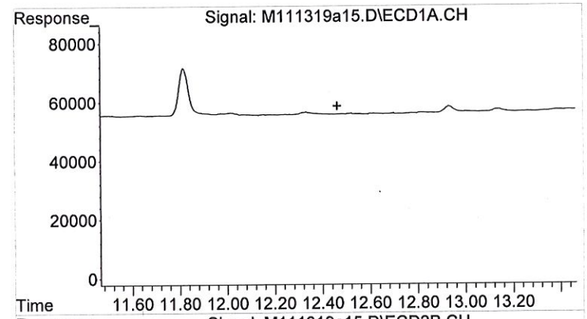
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



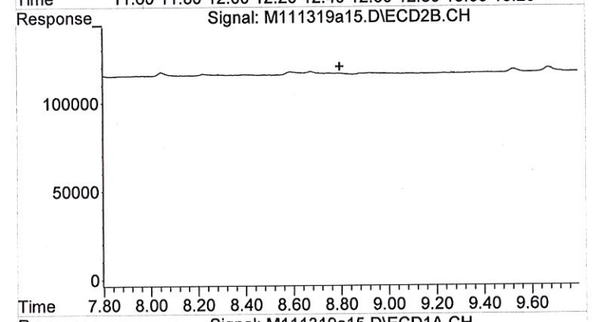
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



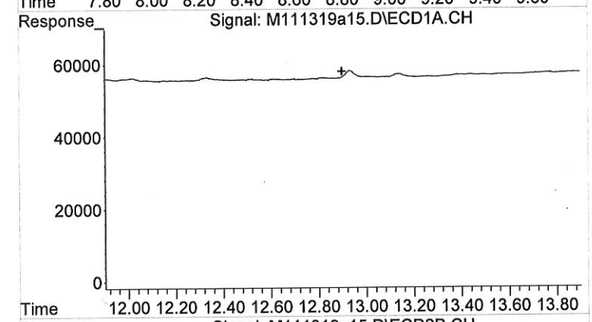
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.464 min
Response: 0
Conc: N.D.



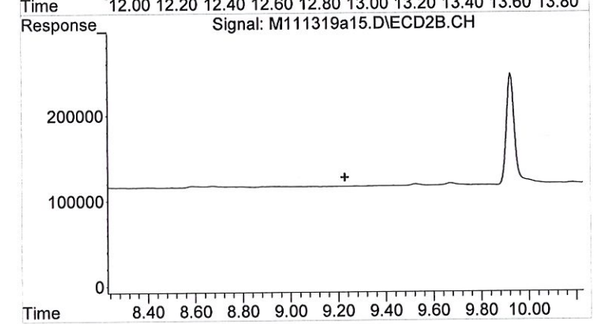
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



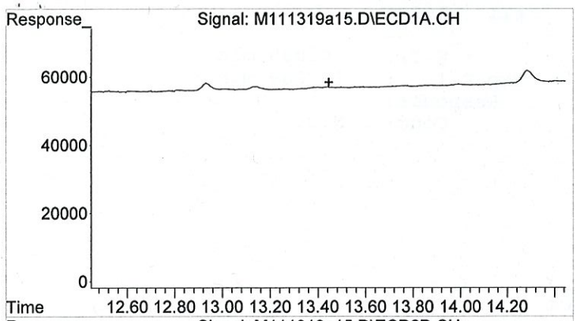
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 12.900 min
Response: 0
Conc: N.D.



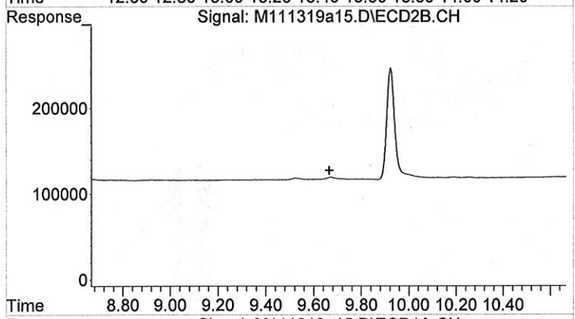
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



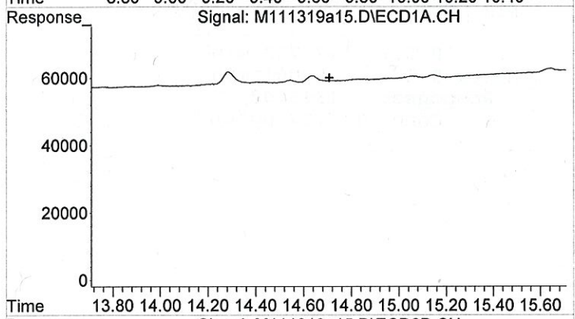
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.447 min
Response: 0
Conc: N.D.



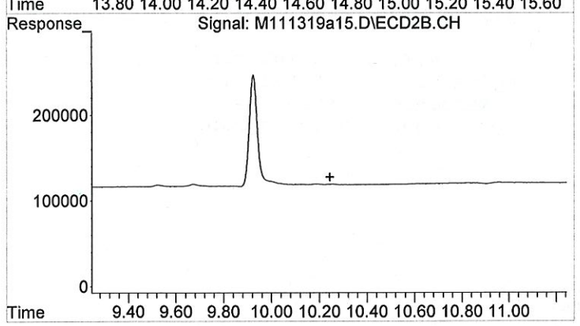
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 9.666 min
Response: 0
Conc: N.D.



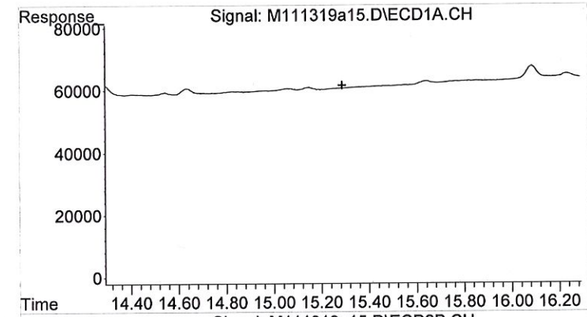
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.708 min
Response: 0
Conc: N.D.



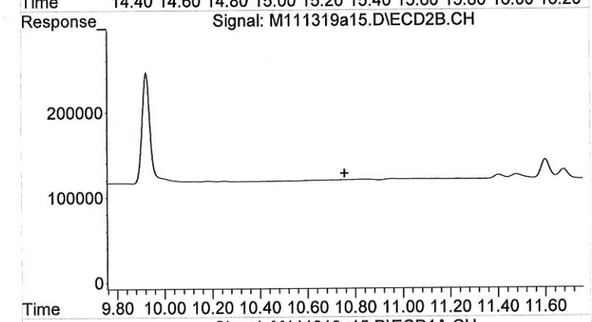
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 10.244 min
Response: 0
Conc: N.D.



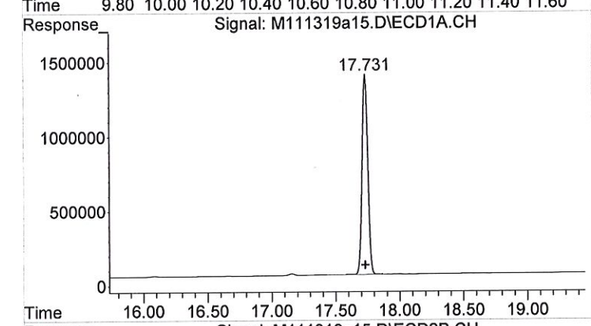
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 15.289 min
Response: 0
Conc: N.D.



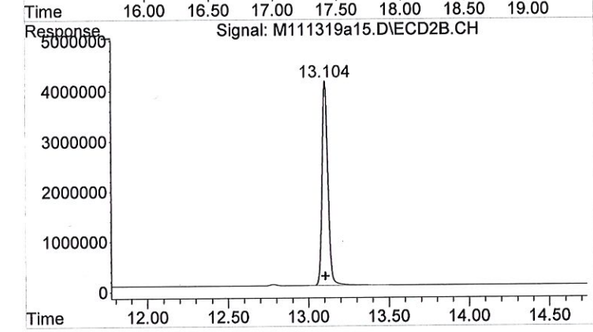
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 10.757 min
Response: 0
Conc: N.D.



#12 dcb

R.T.: 17.732 min
Delta R.T.: -0.001 min
Response: 1341708
Conc: 116.27 pg/uL



#12 dcb

R.T.: 13.105 min
Delta R.T.: -0.002 min
Response: 4065199
Conc: 99.95 pg/uL

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 7:32 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:32:44 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.964	4.717	2243036	9322486	79.320	105.012 #
12) S2 dcb	17.739	13.112	1133193	1829617	98.123	44.853 #
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

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

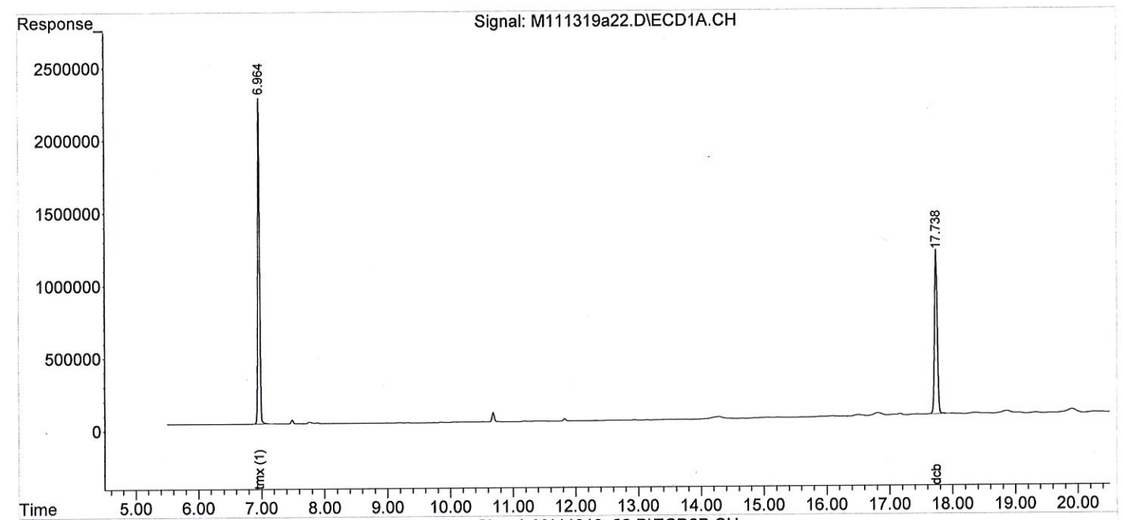
hw
12/6/19

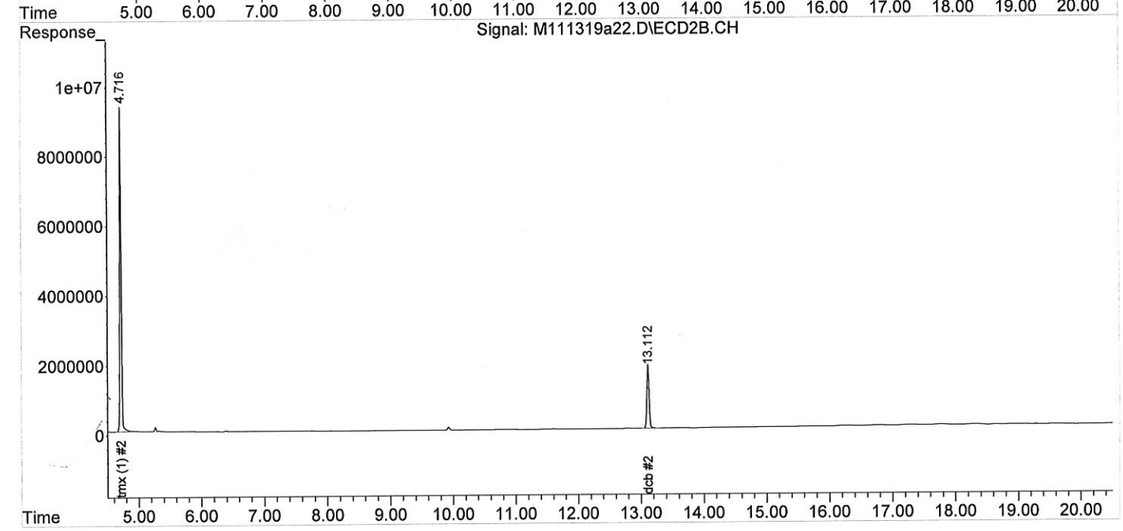
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 7:32 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:32:44 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (Not Reviewed)

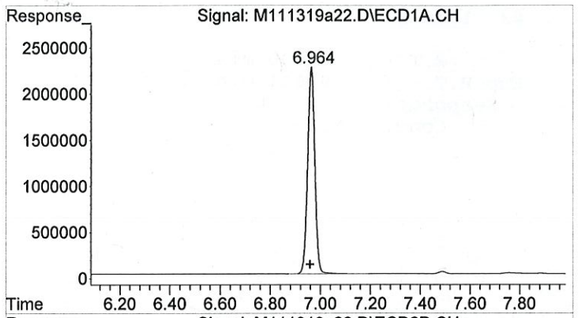
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M111319PCBDW\
Data File : M111319a22.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Nov 2019 7:32 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Nov 14 10:09:45 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

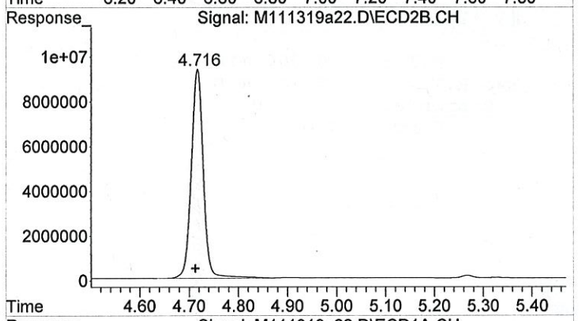
	Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
	System Monitoring Compounds						
1)	S2 tmx (1)	6.964	4.717	2243036	9322486	79.320	105.012 #
12)	S2 dcb	17.739	13.112	1133193	1829617	98.123	44.853 #
	Target Compounds						
2)	L1 1016 -1	0.000	5.268	0	111571	N.D.	69.489 #
3)	L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4)	L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5)	L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6)	L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1016 -1			0	111571	N.D.	69.489
	Average 1016 -1					0.000	69.489
7)	L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8)	L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9)	L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10)	L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11)	L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
	Sum 1260-1			0	0	N.D.	N.D.
	Average 1260-1					0.000	0.000

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



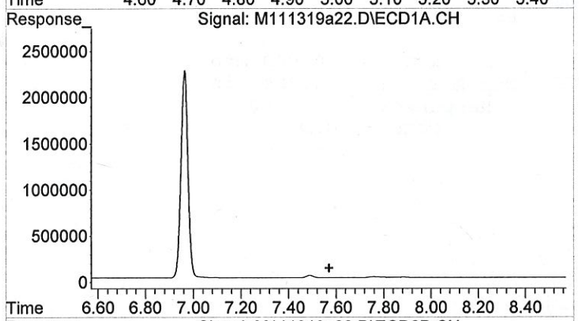
#1 tmx (1)

R.T.: 6.964 min
Delta R.T.: 0.005 min
Response: 2243036
Conc: 79.32 pg/uL



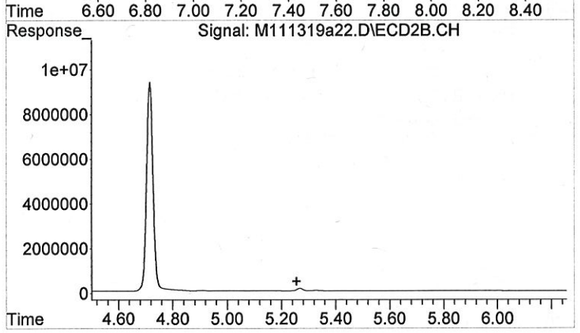
#1 tmx (1)

R.T.: 4.717 min
Delta R.T.: 0.004 min
Response: 9322486
Conc: 105.01 pg/uL



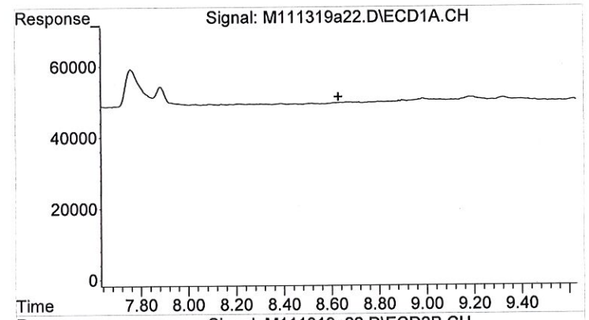
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



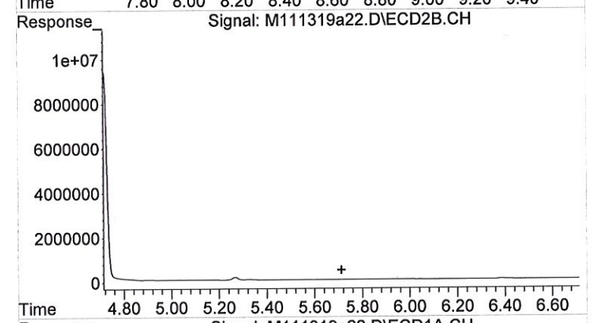
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



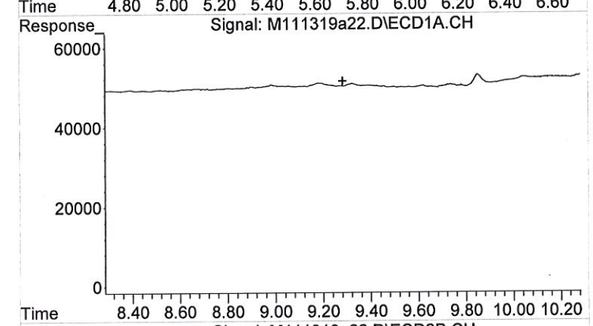
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



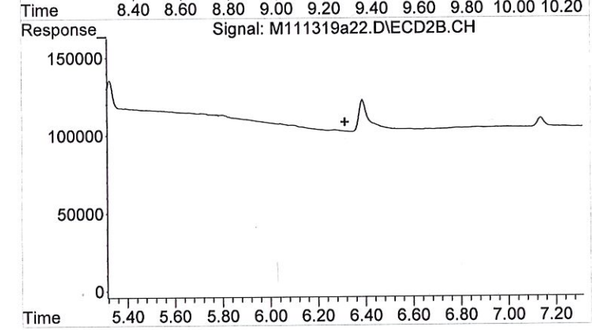
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



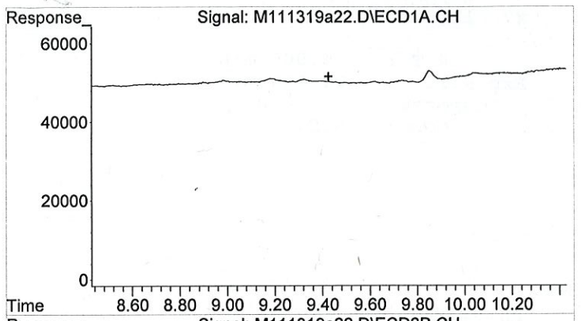
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



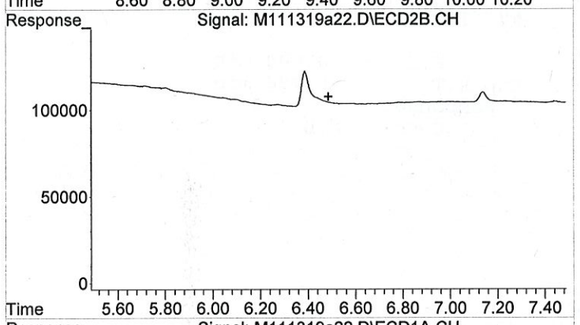
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



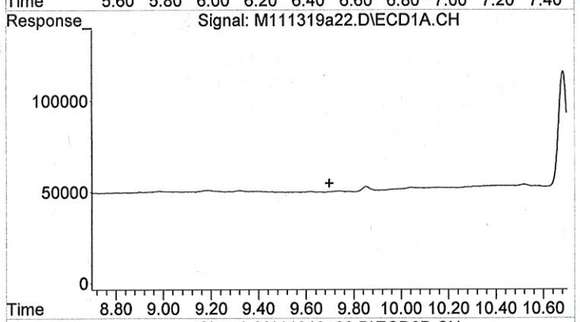
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



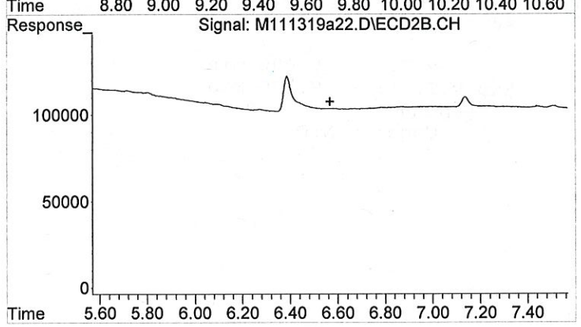
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



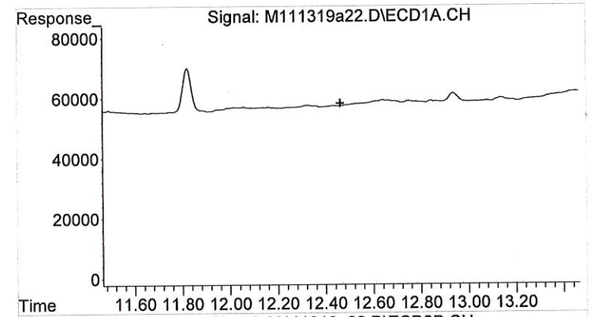
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



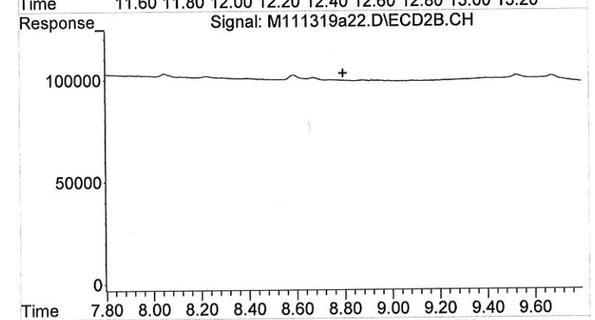
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



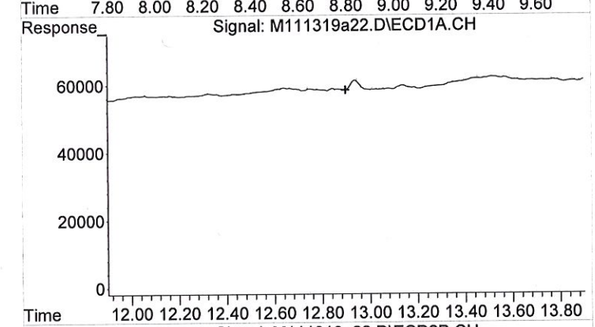
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.464 min
Response: 0
Conc: N.D.



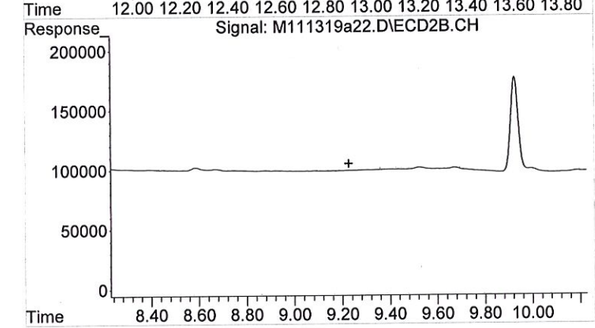
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



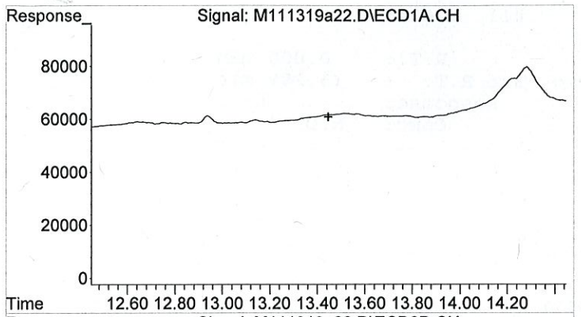
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 12.900 min
Response: 0
Conc: N.D.



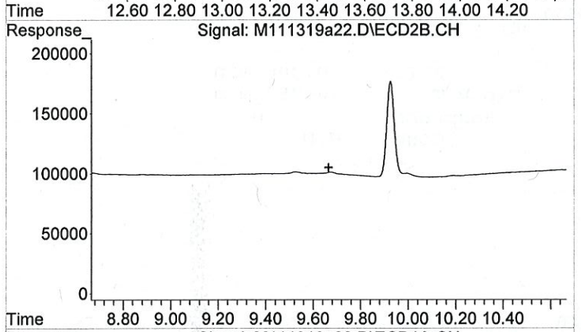
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



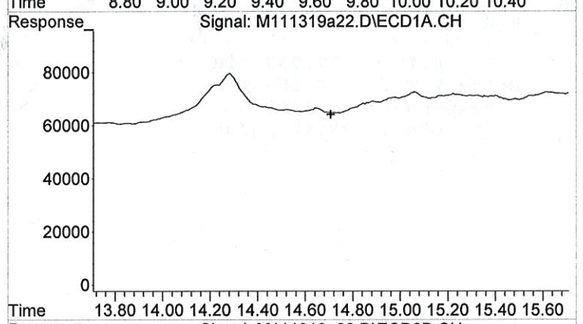
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.447 min
Response: 0
Conc: N.D.



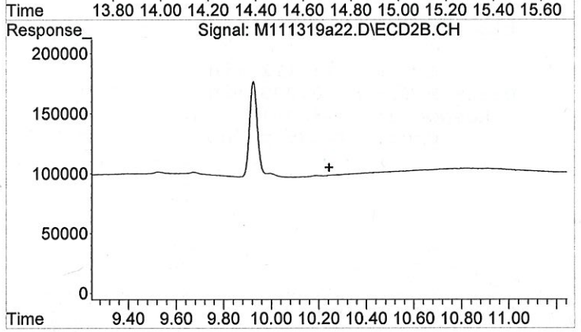
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 9.666 min
Response: 0
Conc: N.D.



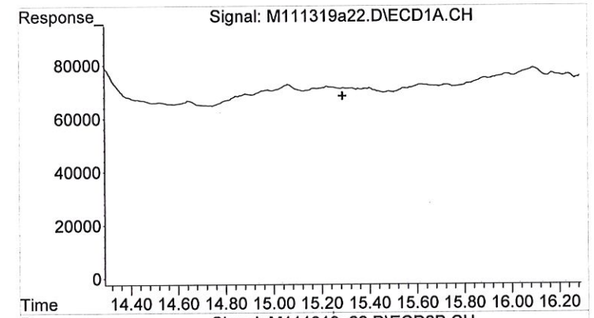
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.708 min
Response: 0
Conc: N.D.



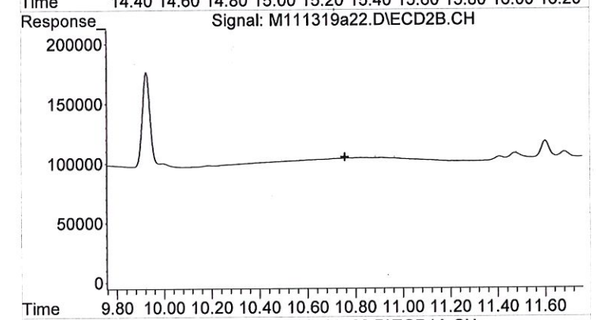
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 10.244 min
Response: 0
Conc: N.D.



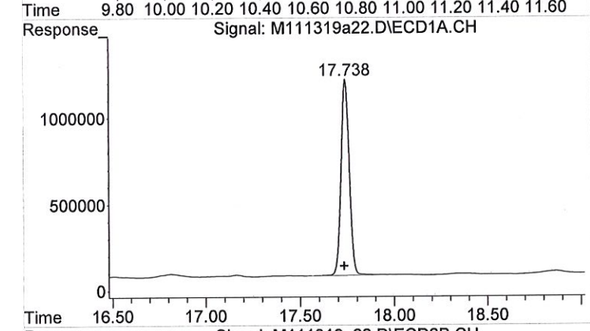
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 15.289 min
Response: 0
Conc: N.D.



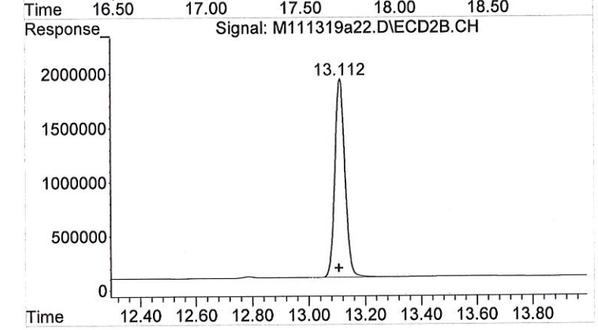
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 10.757 min
Response: 0
Conc: N.D.



#12 dcb

R.T.: 17.739 min
Delta R.T.: 0.006 min
Response: 1133193
Conc: 98.12 pg/uL



#12 dcb

R.T.: 13.112 min
Delta R.T.: 0.005 min
Response: 1829617
Conc: 44.85 pg/uL

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 9:54 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:44:06 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.957	4.714	2880166	9024695	101.945	101.647
12) S2 dcb	17.734	13.104	1004217	3194562	86.900	78.495
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

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

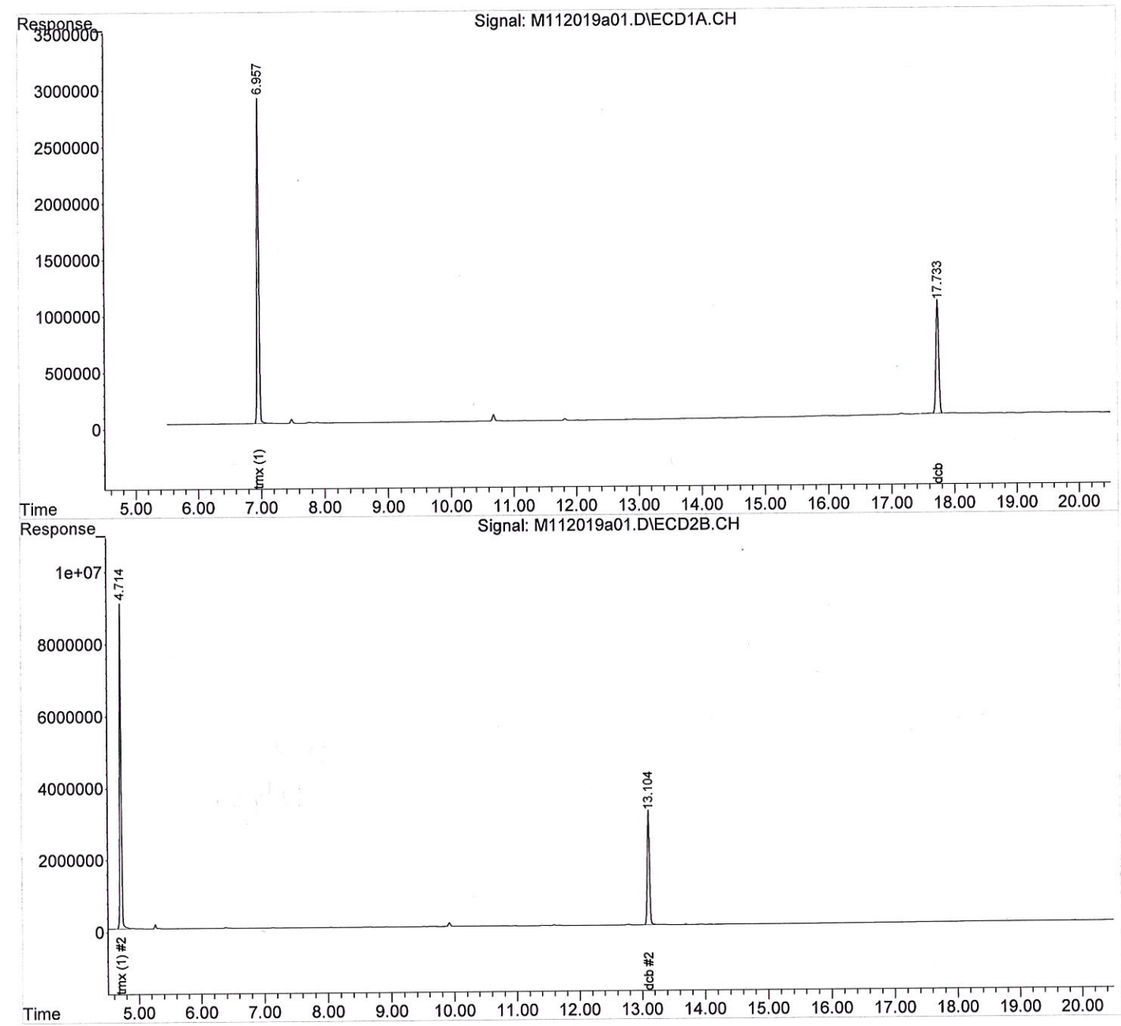
lw
12/6/19

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 9:54 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:44:06 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32



Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 9:54 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

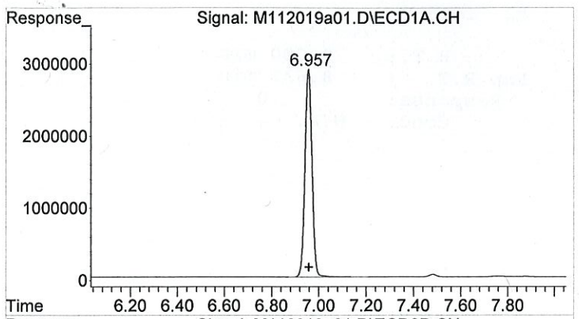
Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:39:28 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32
Signal #2 Phase: CLPest2
Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.957	4.714	2880166	9024695	101.945	101.647
12) S2 dcb	17.734	13.104	1004217	3194562	86.900	78.495
Target Compounds						
2) L1 1016 -1	0.000	5.264	0	109920	N.D.	68.318 #
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	109920	N.D.	68.318
Average 1016 -1					0.000	68.318
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

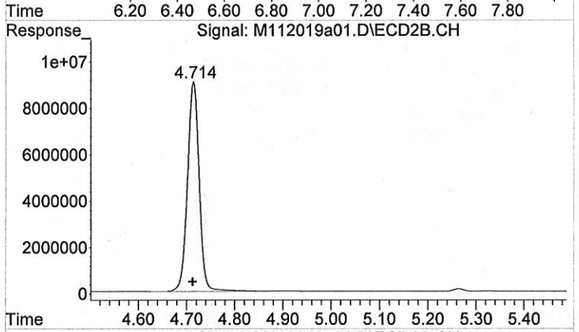
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

lw
12/6/19



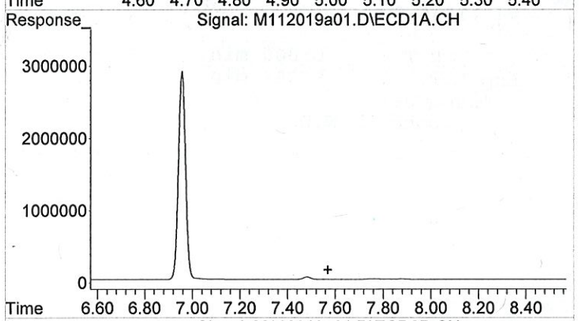
#1 tmx (1)

R.T.: 6.957 min
Delta R.T.: -0.002 min
Response: 2880166
Conc: 101.95 pg/uL



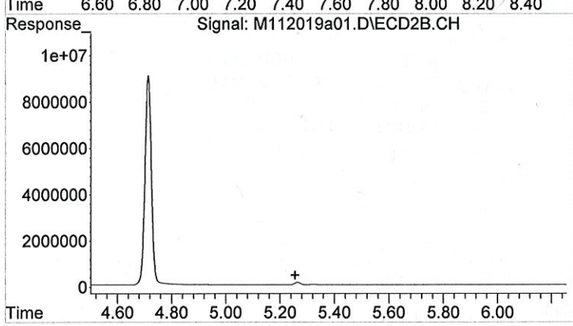
#1 tmx (1)

R.T.: 4.714 min
Delta R.T.: 0.001 min
Response: 9024695
Conc: 101.65 pg/uL



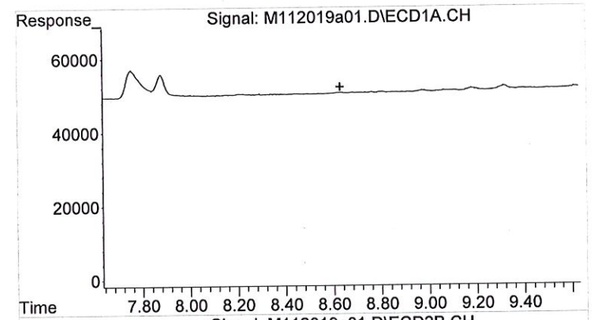
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



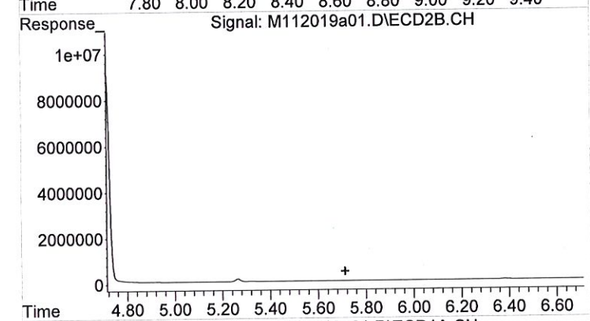
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



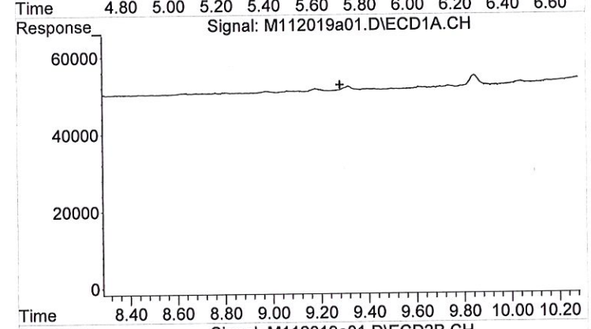
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



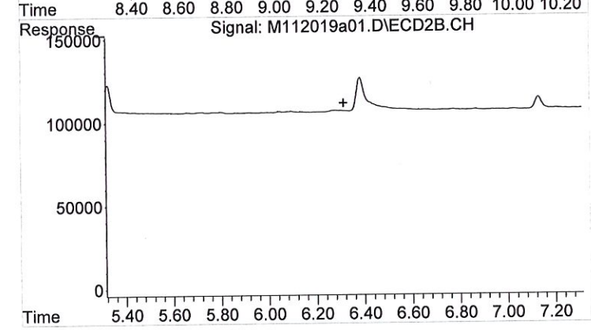
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



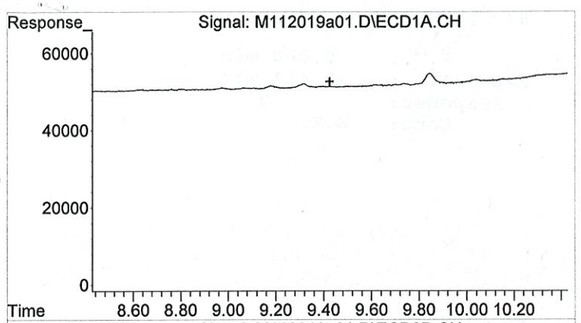
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



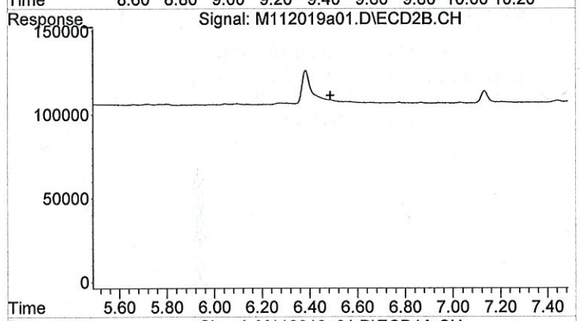
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



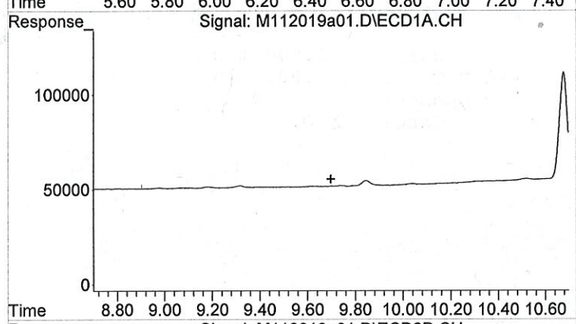
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



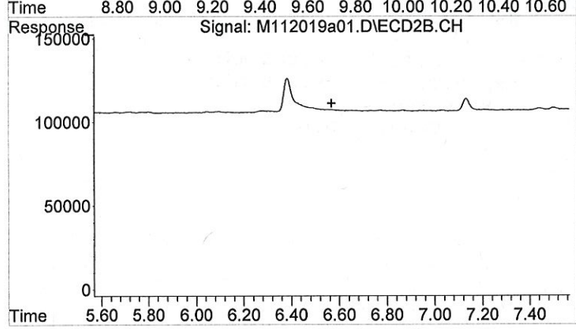
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



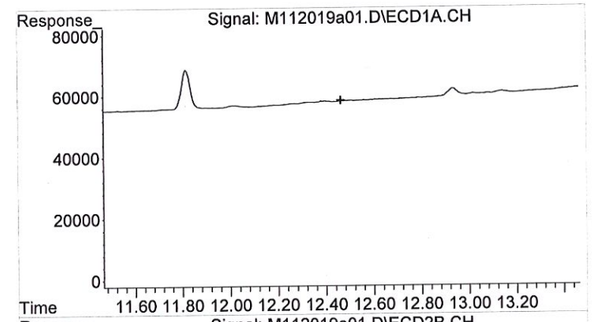
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



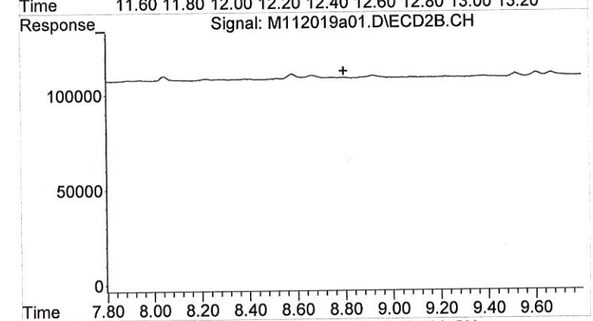
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



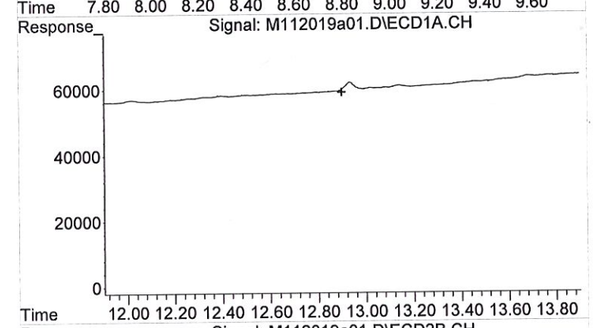
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.464 min
Response: 0
Conc: N.D.



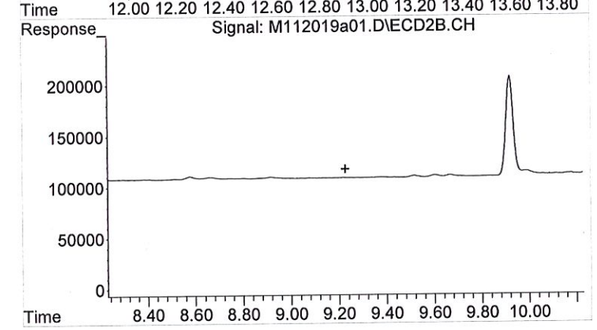
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



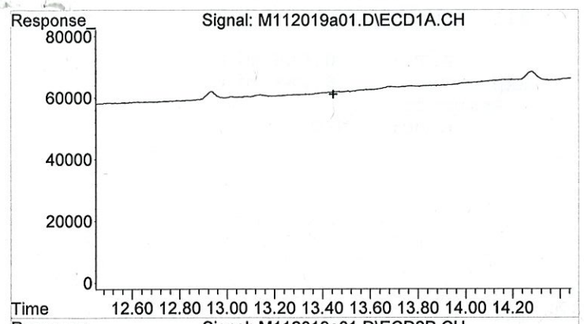
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 12.900 min
Response: 0
Conc: N.D.



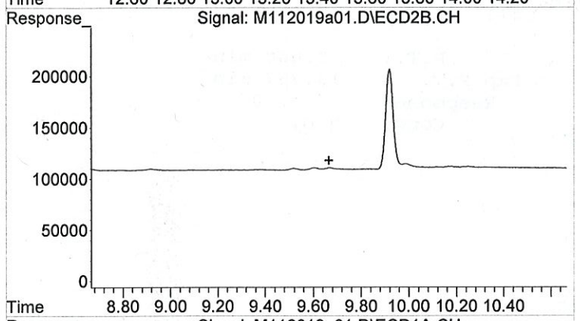
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



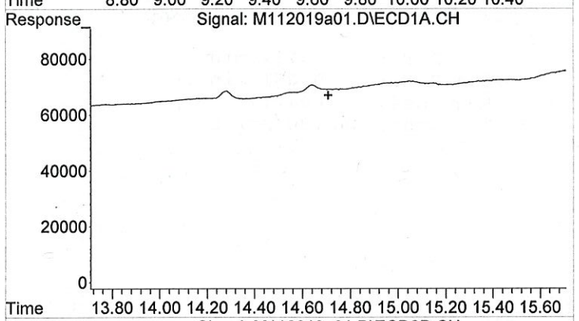
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.447 min
Response: 0
Conc: N.D.



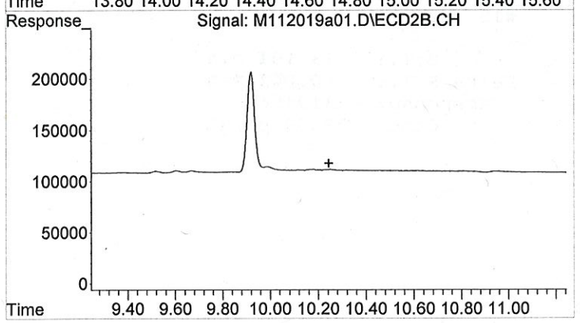
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 9.666 min
Response: 0
Conc: N.D.



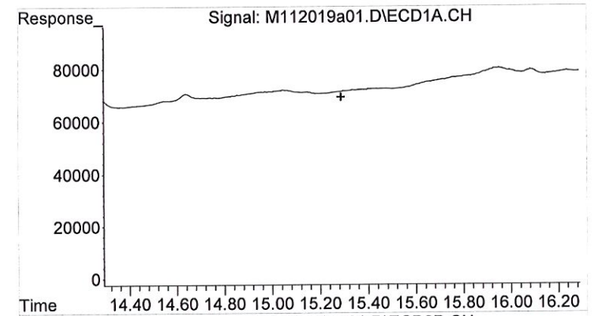
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.708 min
Response: 0
Conc: N.D.



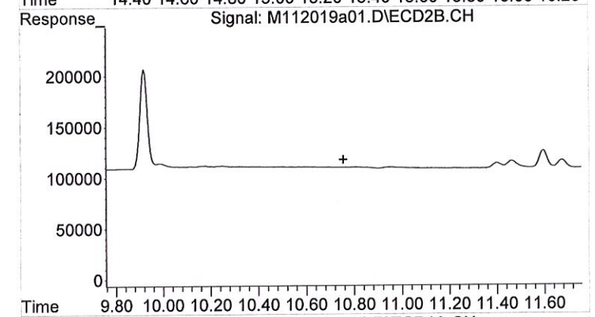
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 10.244 min
Response: 0
Conc: N.D.



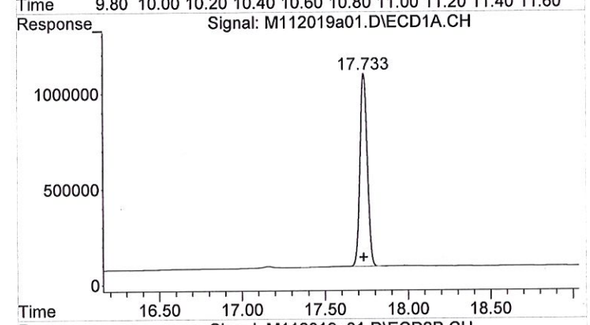
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 15.289 min
Response: 0
Conc: N.D.



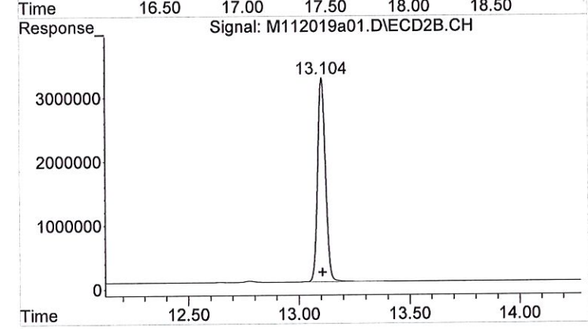
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 10.757 min
Response: 0
Conc: N.D.



#12 dcb

R.T.: 17.734 min
Delta R.T.: 0.001 min
Response: 1004217
Conc: 86.90 pg/uL



#12 dcb

R.T.: 13.104 min
Delta R.T.: -0.003 min
Response: 3194562
Conc: 78.50 pg/uL

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 1:11 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:55:44 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.956	4.713	2748853	8016281	97.282	90.252
12) S2 dcb	17.727	13.103	1115047	3269973	96.544	80.354
Target Compounds						
2) L1 1016 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	0	N.D.	N.D.
Average 1016 -1					0.000	0.000
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D. d	N.D. d
11) L2 1260-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1260-1			0	0	N.D.	N.D.
Average 1260-1					0.000	0.000

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

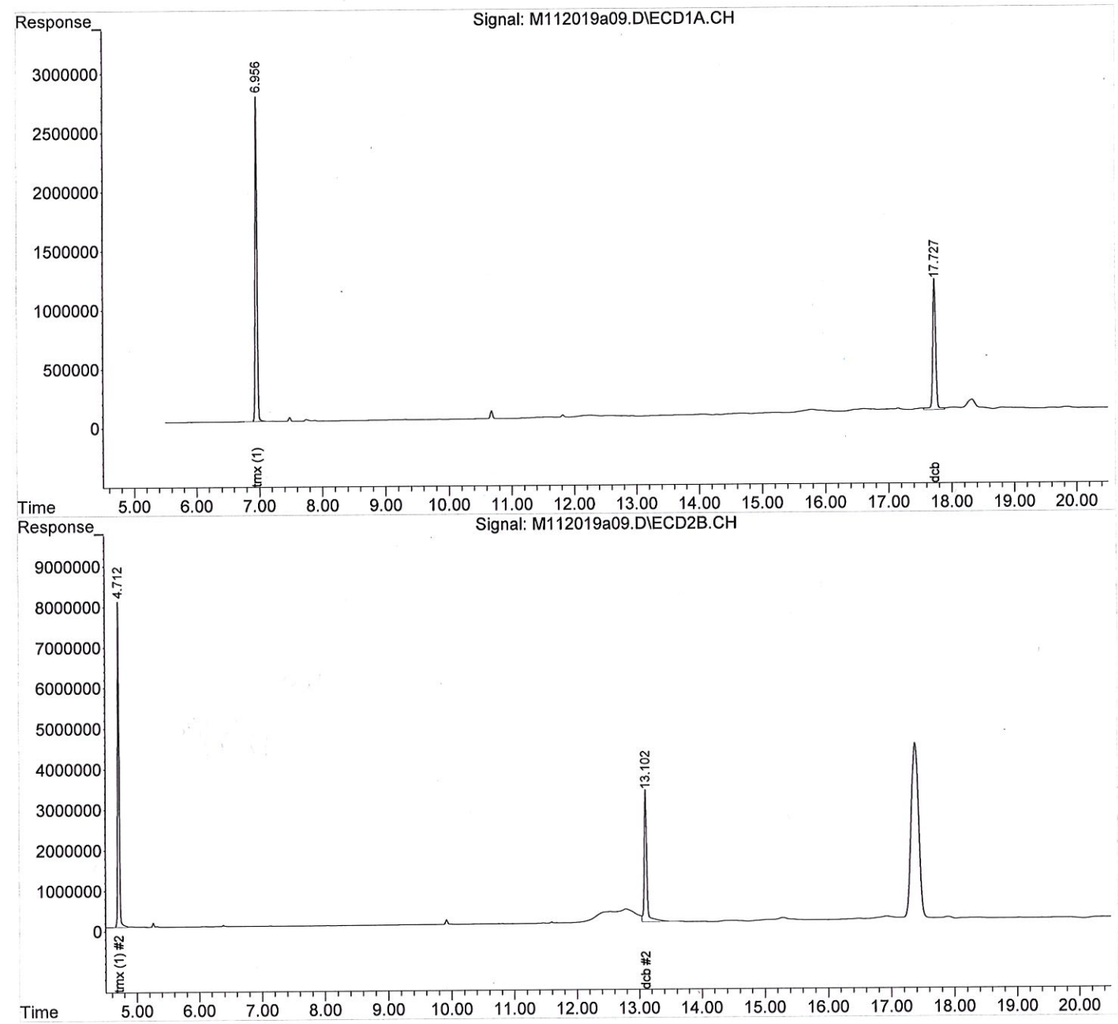
MW
12/12/19

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 1:11 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:55:44 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32



Quantitation Report (Not Reviewed)

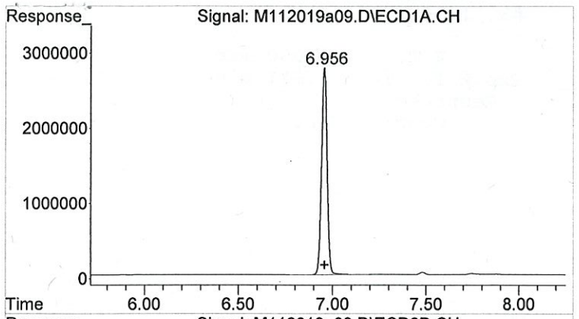
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M112019PCBDW\
Data File : M112019a09.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Nov 2019 1:11 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 06 12:39:53 2019
Quant Method : J:\Organics\Minerva\Methods\M111219PCB1260.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Tue Nov 12 15:48:19 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32
Signal #2 Phase: CLPest2
Signal #2 Info : .32

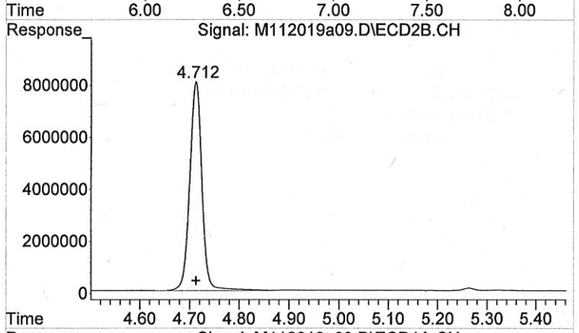
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	6.956	4.713	2748853	8016281	97.282	90.252
12) S2 dcb	17.727	13.103	1115047	3269973	96.544	80.354
Target Compounds						
2) L1 1016 -1	0.000	5.263	0	~~96872~~	N.D.	59.066 #
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	0.000	0	0	N.D.	N.D.
5) L1 1016-4	0.000	0.000	0	0	N.D.	N.D.
6) L1 1016-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1016 -1			0	96872	N.D.	59.066
Average 1016 -1					0.000	59.066
7) L2 1260-1	0.000	0.000	0	0	N.D.	N.D.
8) L2 1260-2	0.000	0.000	0	0	N.D.	N.D.
9) L2 1260-3	0.000	0.000	0	0	N.D.	N.D.
10) L2 1260-4	14.701	0.000	~~7429~~	0	4.835	N.D. #
11) L2 1260-5	15.245	10.807	~~4143~~	~~3481~~	4.692	0.585 #
Sum 1260-1			11573	3481	9.527	0.585
Average 1260-1					4.764	0.585

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



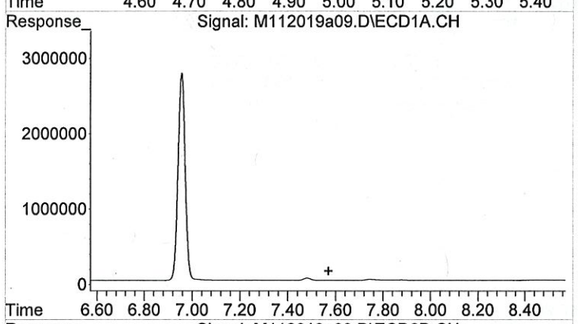
#1 tmx (1)

R.T.: 6.956 min
Delta R.T.: -0.003 min
Response: 2748853
Conc: 97.28 pg/uL



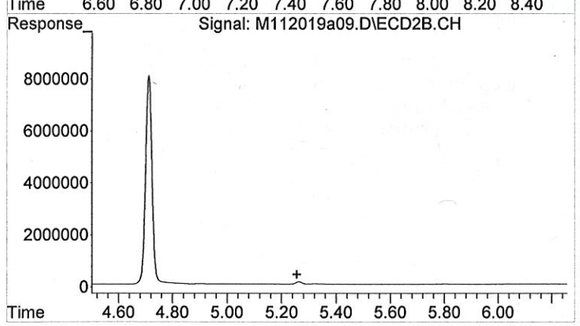
#1 tmx (1)

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 8016281
Conc: 90.25 pg/uL



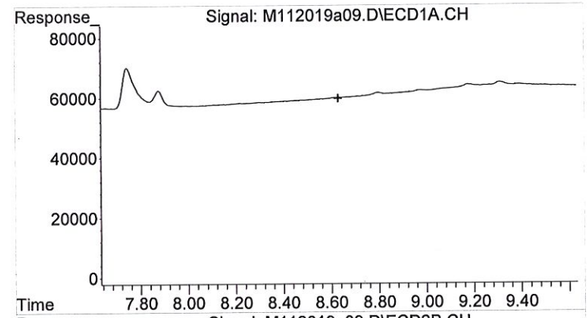
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 7.571 min
Response: 0
Conc: N.D.



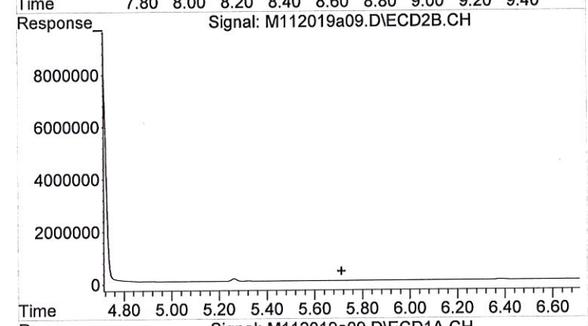
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



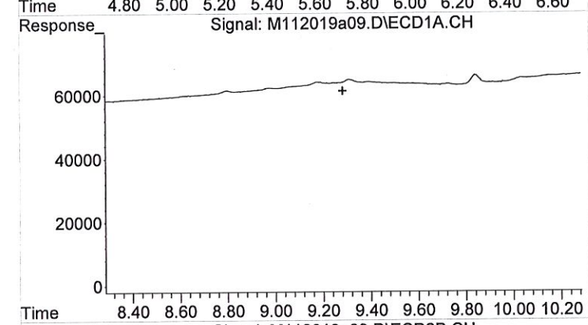
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.631 min
Response: 0
Conc: N.D.



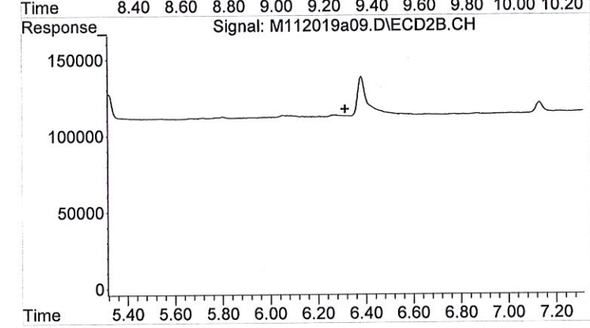
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 5.713 min
Response: 0
Conc: N.D.



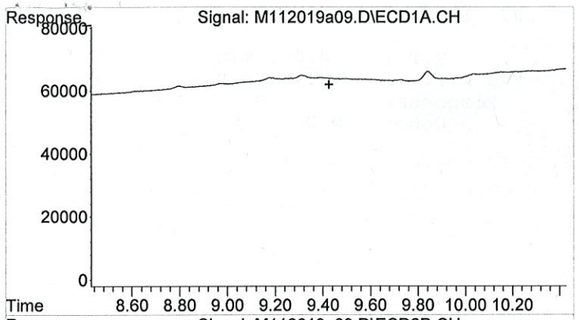
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.284 min
Response: 0
Conc: N.D.



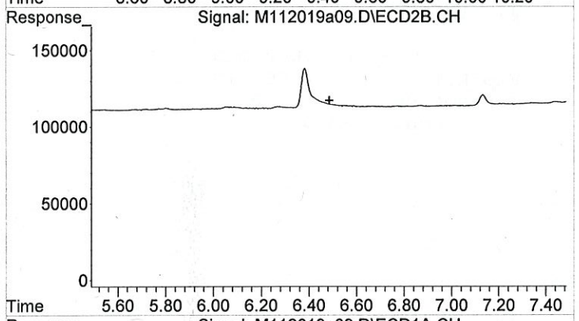
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.315 min
Response: 0
Conc: N.D.



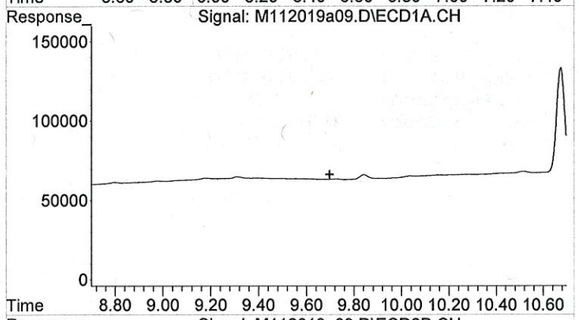
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.427 min
Response: 0
Conc: N.D.



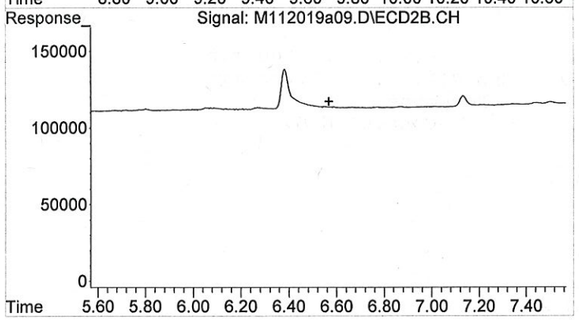
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.487 min
Response: 0
Conc: N.D.



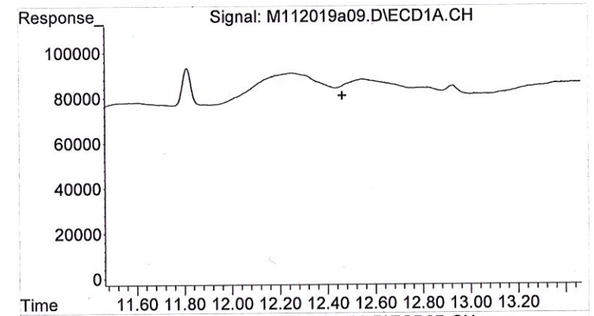
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 9.698 min
Response: 0
Conc: N.D.



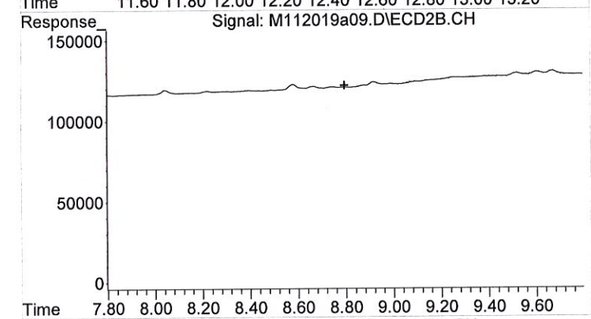
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 6.568 min
Response: 0
Conc: N.D.



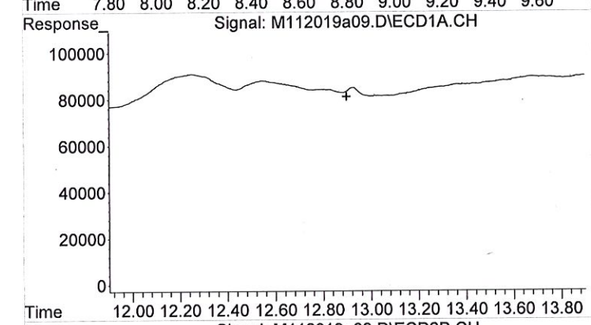
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.464 min
Response: 0
Conc: N.D.



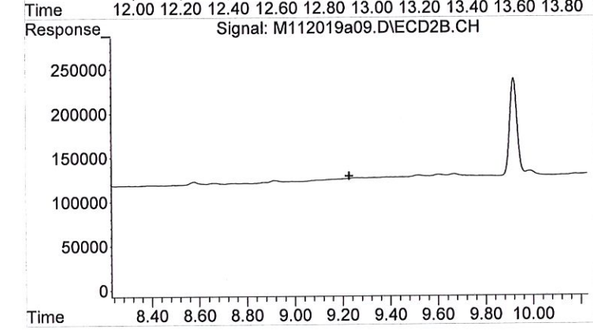
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 8.796 min
Response: 0
Conc: N.D.



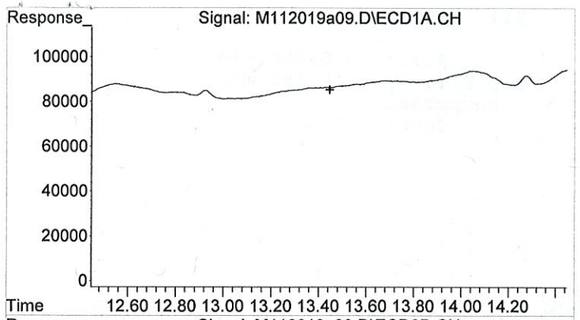
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 12.900 min
Response: 0
Conc: N.D.



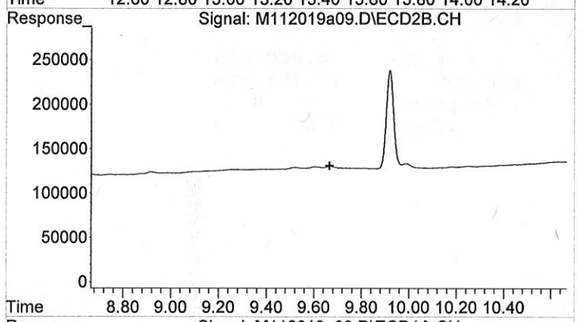
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.228 min
Response: 0
Conc: N.D.



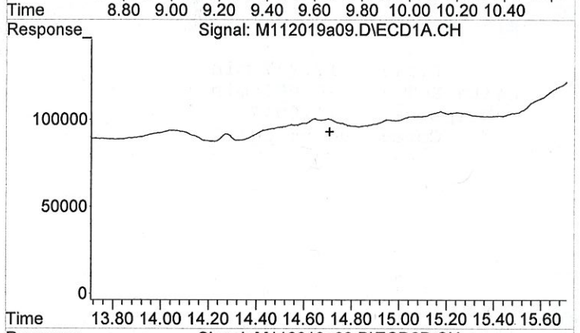
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.447 min
Response: 0
Conc: N.D.



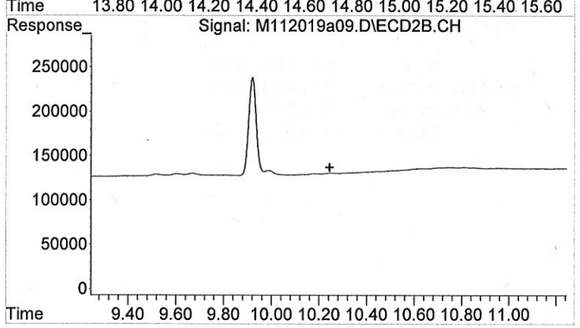
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 9.666 min
Response: 0
Conc: N.D.



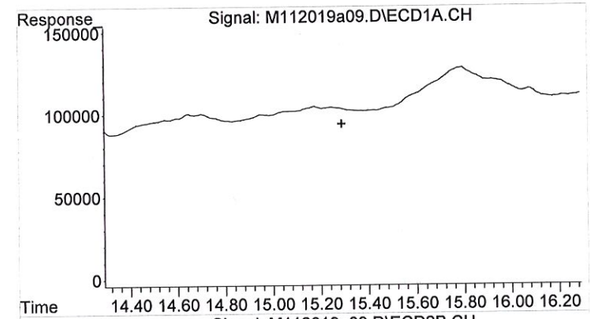
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.708 min
Response: 0
Conc: N.D.



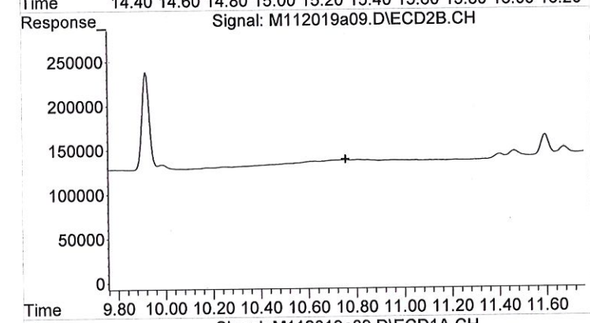
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 10.244 min
Response: 0
Conc: N.D.



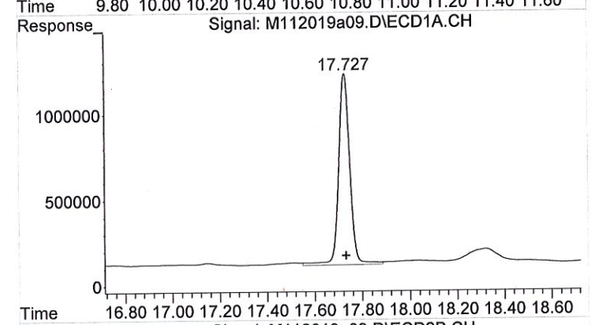
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 15.289 min
Response: 0
Conc: N.D.



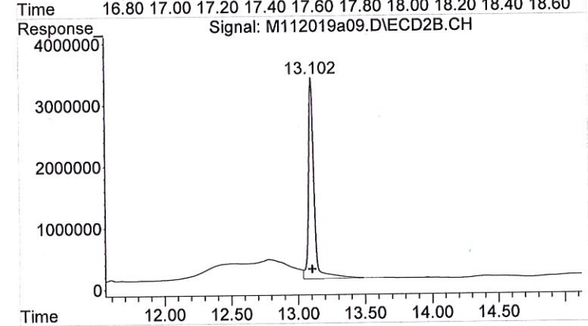
#11 1260-5

R.T.: 0.000 min
Exp R.T. : 10.757 min
Response: 0
Conc: N.D.



#12 dcb

R.T.: 17.727 min
Delta R.T.: -0.006 min
Response: 1115047
Conc: 96.54 pg/uL



#12 dcb

R.T.: 13.103 min
Delta R.T.: -0.004 min
Response: 3269973
Conc: 80.35 pg/uL

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 10:17 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 14:42:43 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	0.000	0.000	0	0	N.D.	N.D.
7) S2 dcb	0.000	0.000	0	0	N.D. d	N.D. d
Target Compounds						
2) L1 1242 -1	0.000	0.000	0	0	N.D. d	N.D. d
3) L1 1242-2	0.000	0.000	0	0	N.D. d	N.D. d
4) L1 1242-3	0.000	0.000	0	0	N.D. d	N.D. d
5) L1 1242-4	0.000	0.000	0	0	N.D. d	N.D. d
6) L1 1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1242 -1			0	0	N.D.	N.D.
Average 1242 -1					0.000	0.000

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

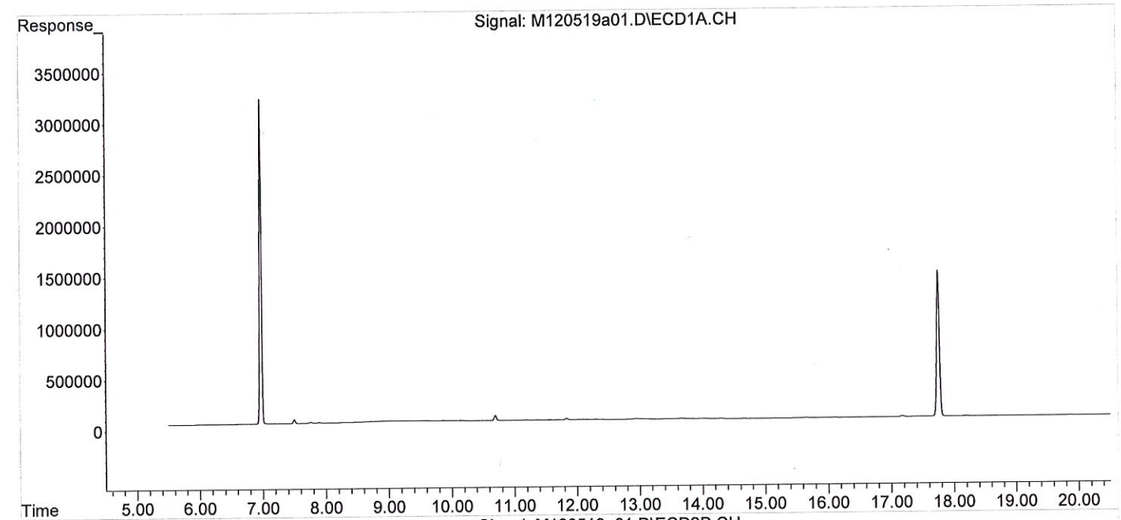
MW
12/9/19

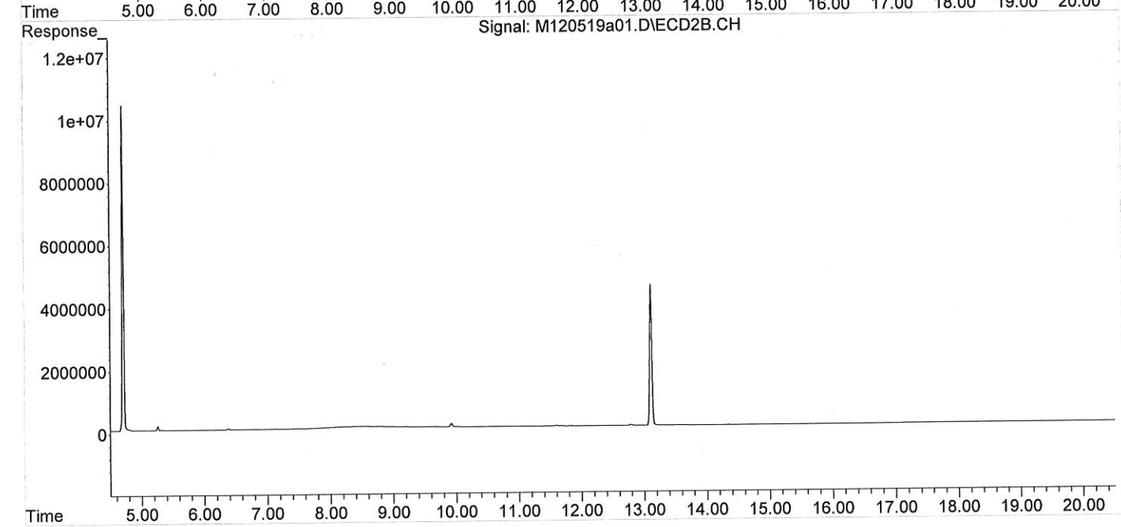
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 10:17 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 14:42:43 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32





Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 10:17 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 13:48:42 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL	
System Monitoring Compounds							
1) S2 tmx (1)	0.000	0.000	0	0	N.D.	N.D.	
7) S2 dcb	11.345	0.000	m ~~11645~~	0	57.534	N.D.	#
Target Compounds							
2) L1 1242 -1	9.795	w ~~7.026~~	~~14641~~	13578	33.401	5.375	#
3) L1 1242-2	0.000	w ~~7.131~~	0	21031	N.D.	22.376	#
4) L1 1242-3	0.000	w ~~7.224~~	0	15146	N.D.	20.839	#
5) L1 1242-4	10.777	w ~~7.511~~	~~11437~~	20086	32.373	28.560	
6) L1 1242-5	10.777	w 0.000	m ~~11437~~	0	15.503	N.D.	#
Sum 1242 -1			37515	69841	81.277	77.150	
Average 1242 -1					27.092	19.288	

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

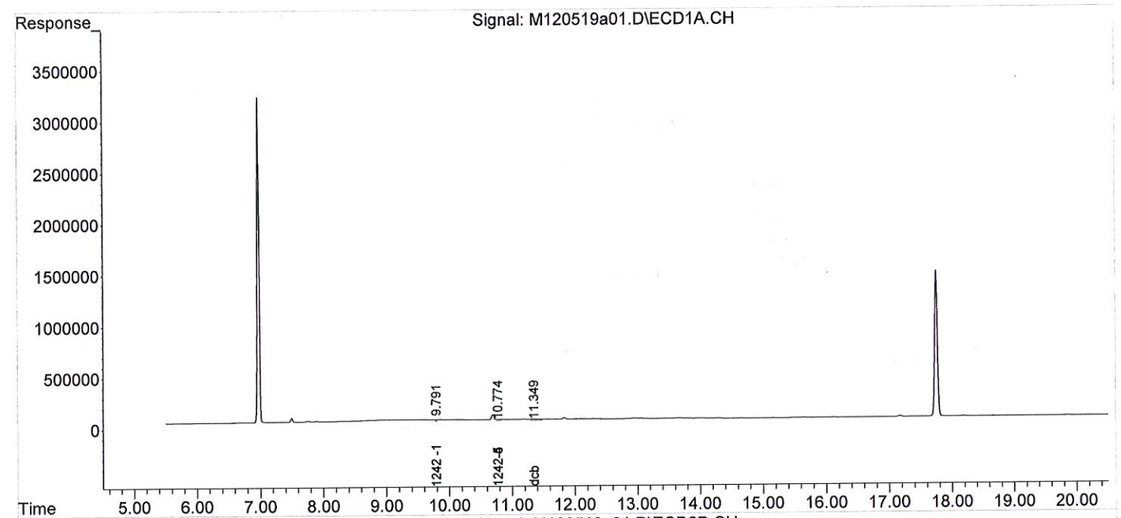
mw
12/9/19

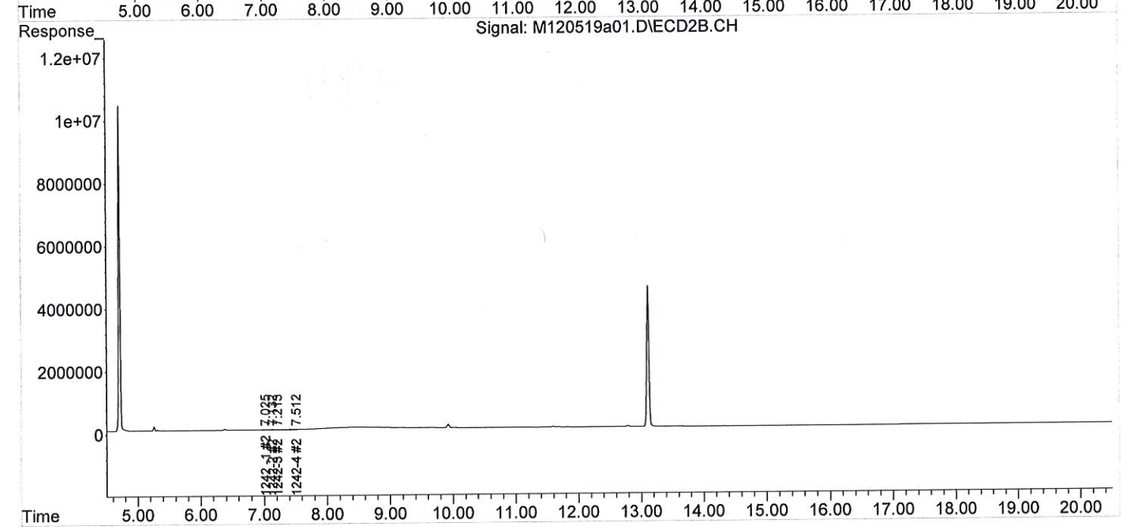
Quantitation Report (Not Reviewed)

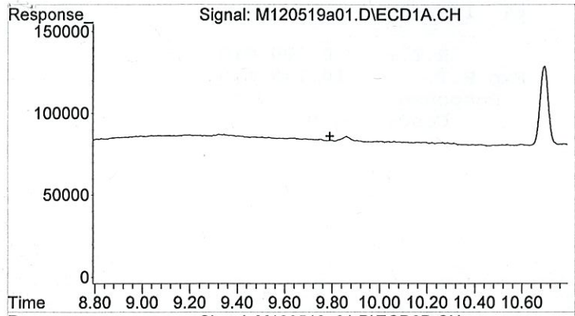
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 10:17 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 13:48:42 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

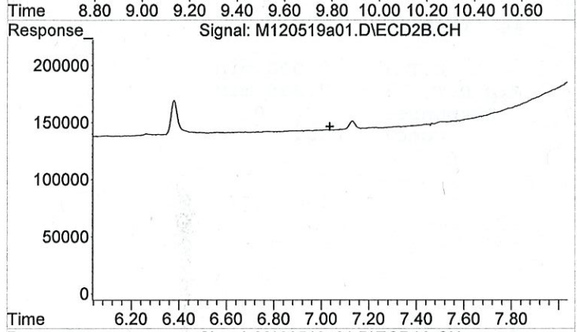






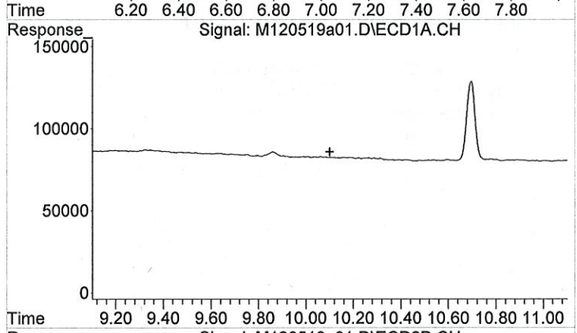
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 9.792 min
Response: 0
Conc: N.D.



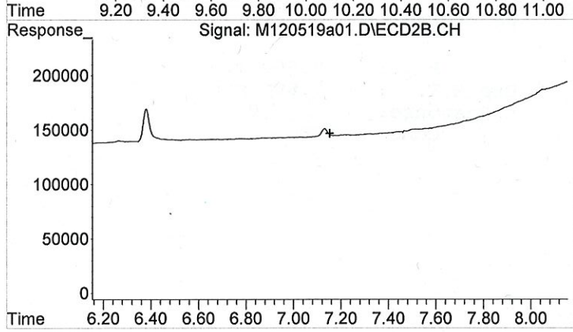
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



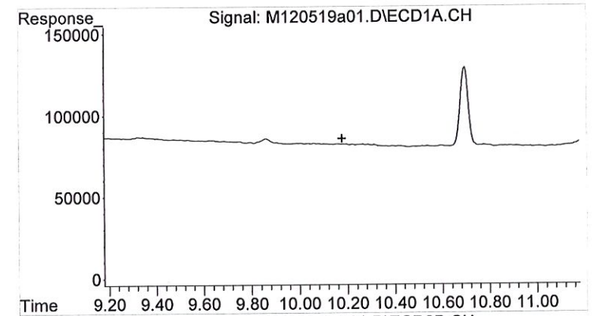
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 10.101 min
Response: 0
Conc: N.D.



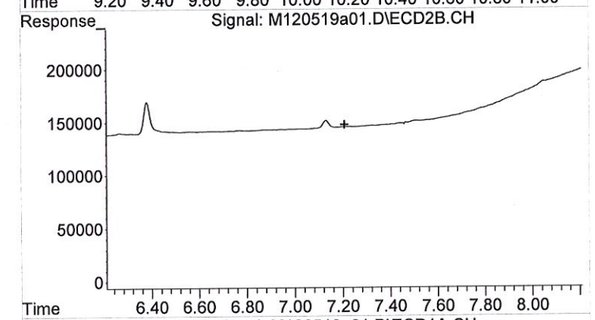
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 7.154 min
Response: 0
Conc: N.D.



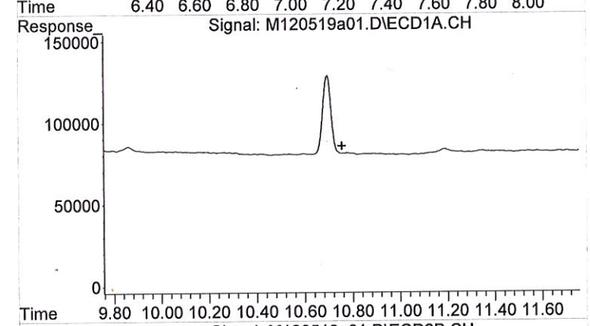
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 10.179 min
Response: 0
Conc: N.D.



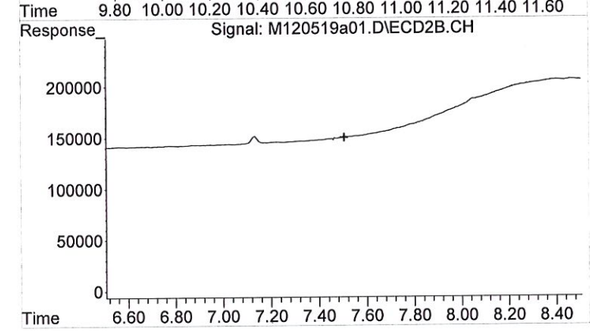
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 7.209 min
Response: 0
Conc: N.D.



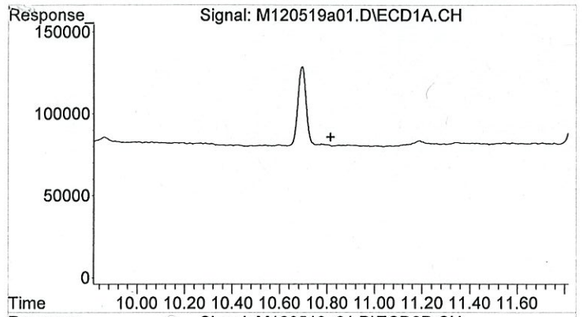
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 10.756 min
Response: 0
Conc: N.D.



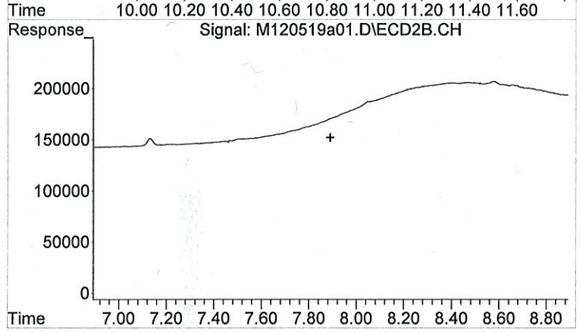
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 7.506 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 10.815 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 7.891 min
Response: 0
Conc: N.D.

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 1:59 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 14:30:43 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	0.000	0.000	0	0	N.D.	N.D.
7) S2 dcb	0.000	0.000	0	0	N.D. d	N.D. d
Target Compounds						
2) L1 1242 -1	0.000	0.000	0	0	N.D.	N.D.
3) L1 1242-2	0.000	0.000	0	0	N.D. d	N.D. d
4) L1 1242-3	0.000	0.000	0	0	N.D. d	N.D. d
5) L1 1242-4	0.000	0.000	0	0	N.D. d	N.D. d
6) L1 1242-5	0.000	0.000	0	0	N.D. d	N.D. d
Sum 1242 -1			0	0	N.D.	N.D.
Average 1242 -1					0.000	0.000

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

hw
12/9/19

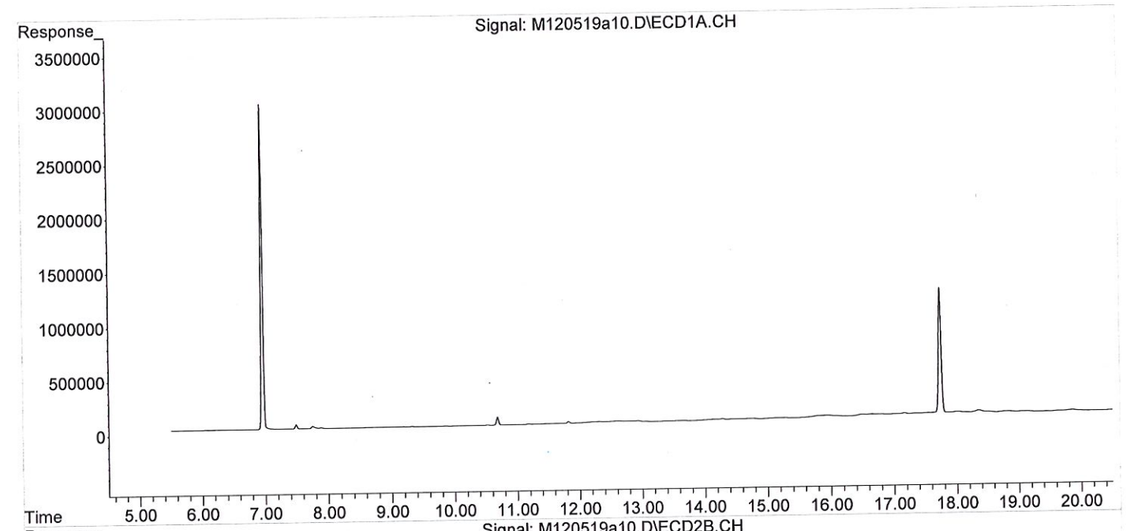
Quantitation Report (QT Reviewed)

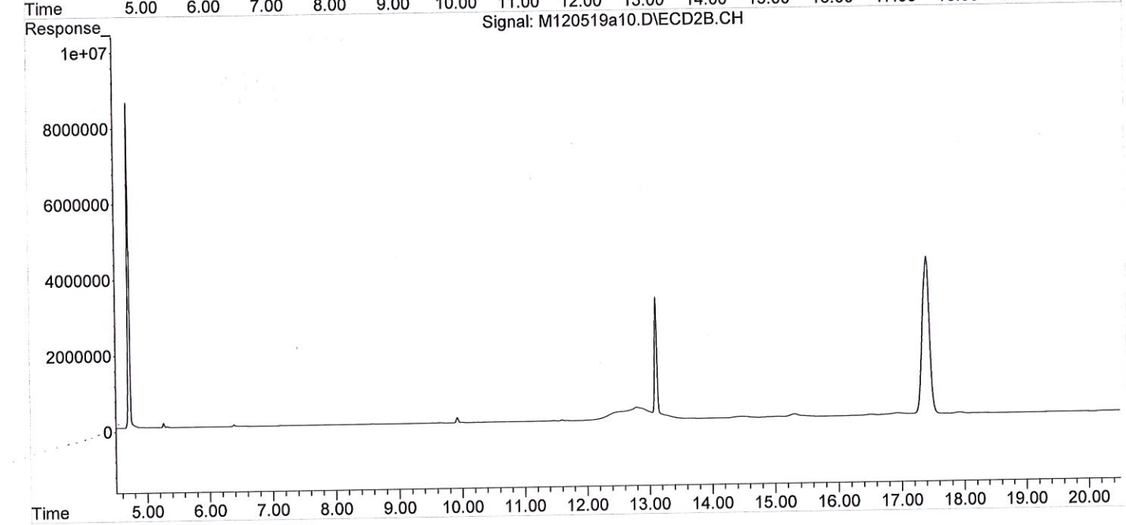
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 1:59 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 14:30:43 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32

Signal #2 Phase: CLPest2
Signal #2 Info : .32





Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 1:59 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 13:49:06 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	0.000	0.000	0	0	N.D.	N.D.
7) S2 dcb	0.000	8.223	0	~~1551~~	N.D.	26.761 #
Target Compounds						
2) L1 1242 -1	0.000	0.000	0	0	N.D.	N.D.
3) L1 1242-2	0.000	7.136	0	~~7748~~	N.D.	7.014 #
4) L1 1242-3	10.164	7.225	~~879~~	~~1186~~	N.D.	0.575 #
5) L1 1242-4	10.767	7.510	2033	1912	0.279	3.407 #
6) L1 1242-5	10.859	0.000	~~552~~	0	N.D.	N.D.
Sum 1242 -1			2033	10846	N.D.	10.996
Average 1242 -1					-8.019	3.665

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

12/9/19

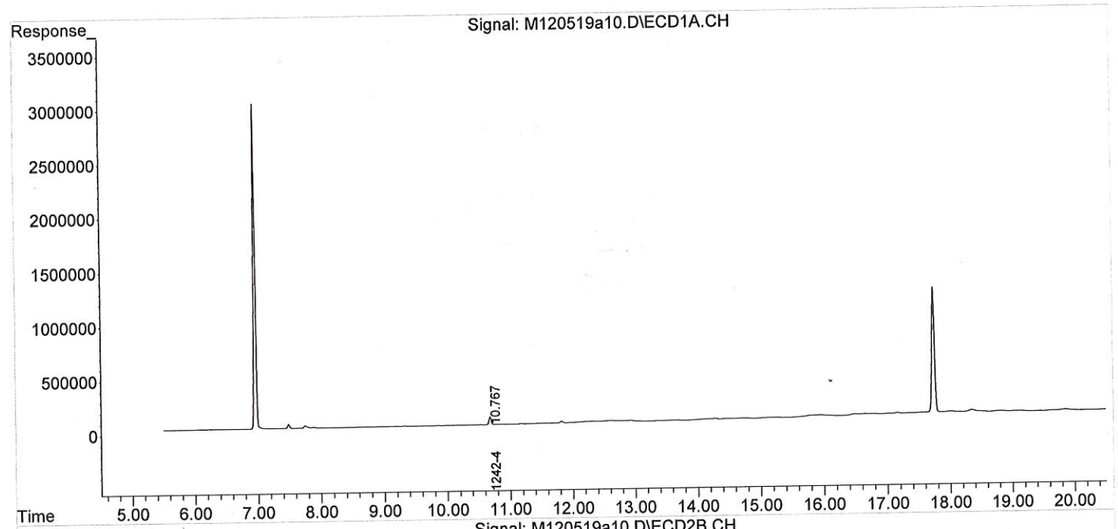
Quantitation Report (Not Reviewed)

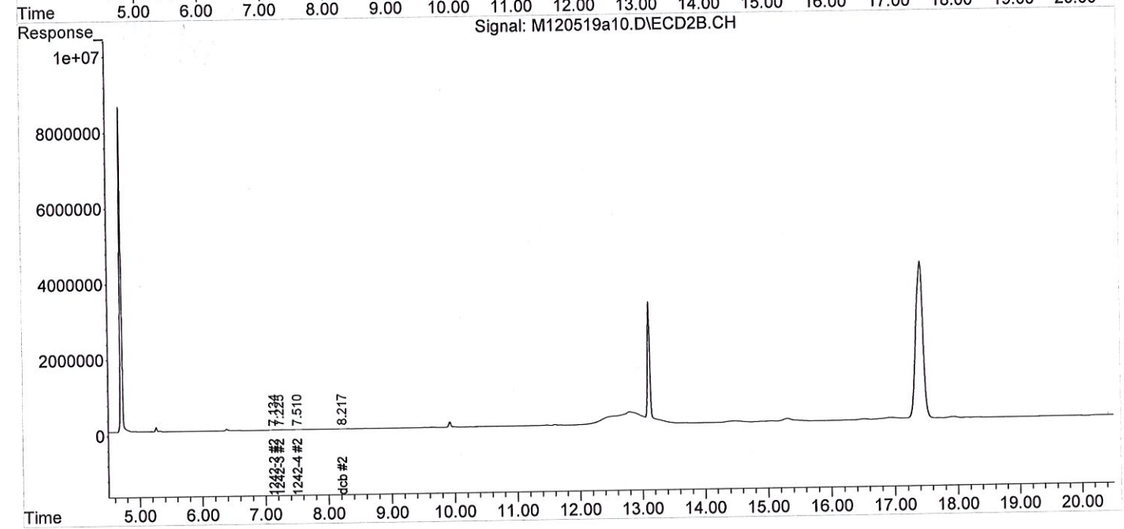
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M120519PCBDW\
Data File : M120519a10.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Dec 2019 1:59 pm
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

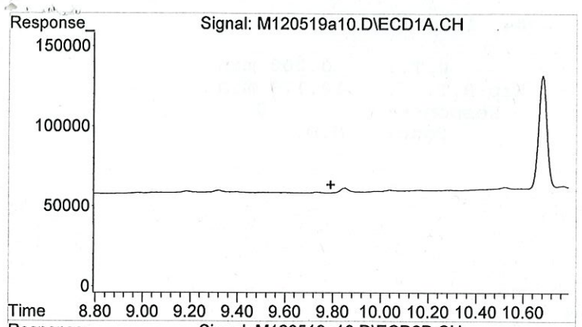
Integration File signal 1: events.e
Integration File signal 2: events3.e
Quant Time: Dec 09 13:49:06 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Wed Dec 04 16:34:32 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32

Signal #2 Phase: CLPest2
Signal #2 Info : .32

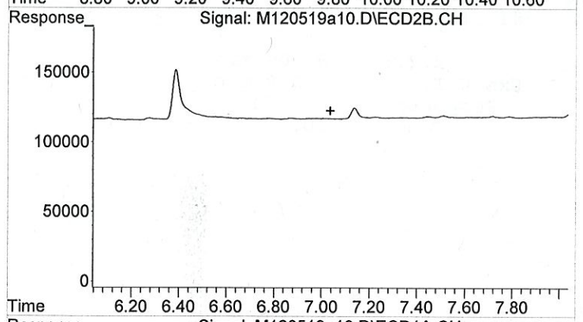






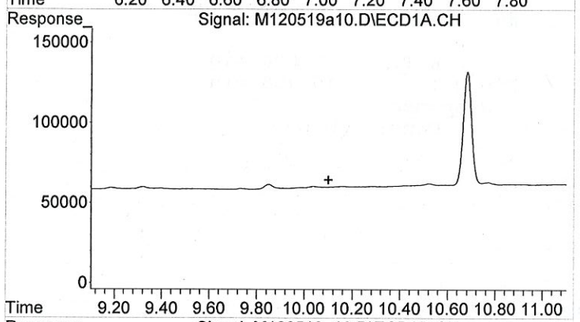
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 9.792 min
Response: 0
Conc: N.D.



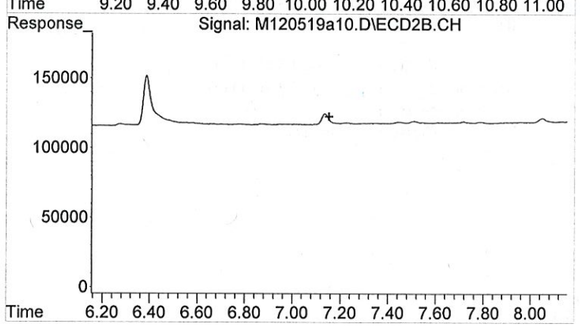
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



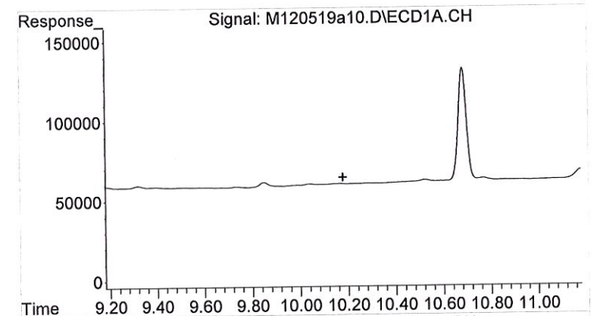
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 10.101 min
Response: 0
Conc: N.D.



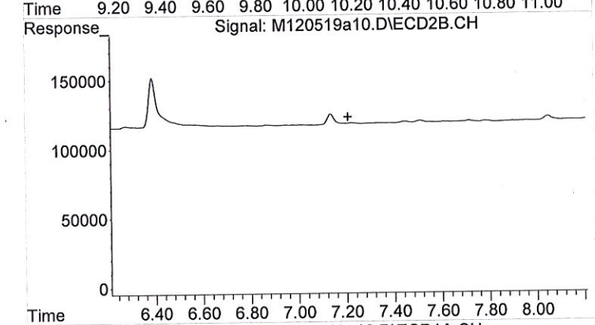
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 7.154 min
Response: 0
Conc: N.D.



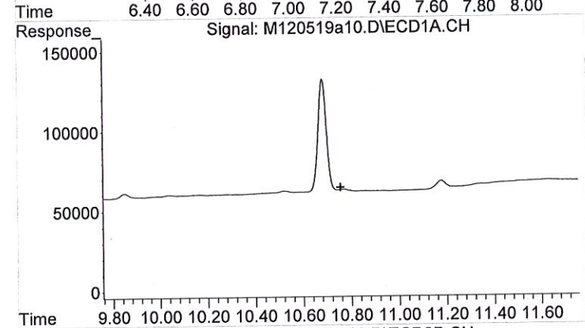
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 10.179 min
Response: 0
Conc: N.D.



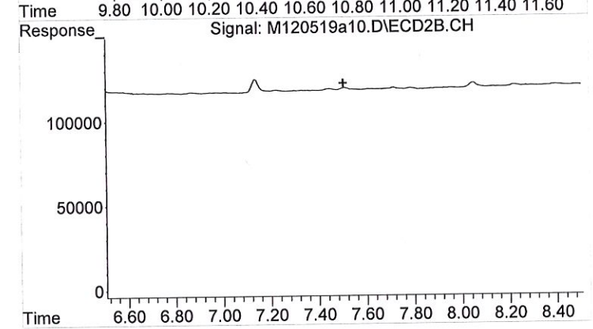
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 7.209 min
Response: 0
Conc: N.D.



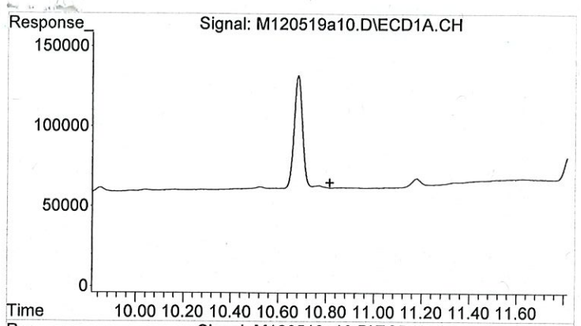
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 10.756 min
Response: 0
Conc: N.D.



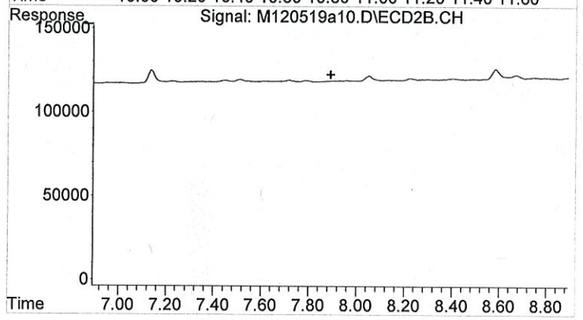
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 7.506 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 10.815 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 7.891 min
Response: 0
Conc: N.D.

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\
Data File : M121119a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 7:04 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 12 09:07:32 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1254.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Thu Dec 05 08:10:02 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL
System Monitoring Compounds						
1) S2 tmx (1)	0.000	0.000	0	0	N.D. d	N.D. d
7) S2 dcb	0.000	0.000	0	0	N.D. d	N.D. d
Target Compounds						
2) L2 1254-1	0.000	0.000	0	0	N.D.	N.D.
3) L2 1254-2	0.000	0.000	0	0	N.D.	N.D.
4) L2 1254-3	0.000	0.000	0	0	N.D. d	N.D. d
5) L2 1254-4	0.000	0.000	0	0	N.D.	N.D.
6) L2 1254-5	0.000	0.000	0	0	N.D.	N.D.
Sum 1254-1			0	0	N.D.	N.D.
Average 1254-1					0.000	0.000

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

MW
12/12/19

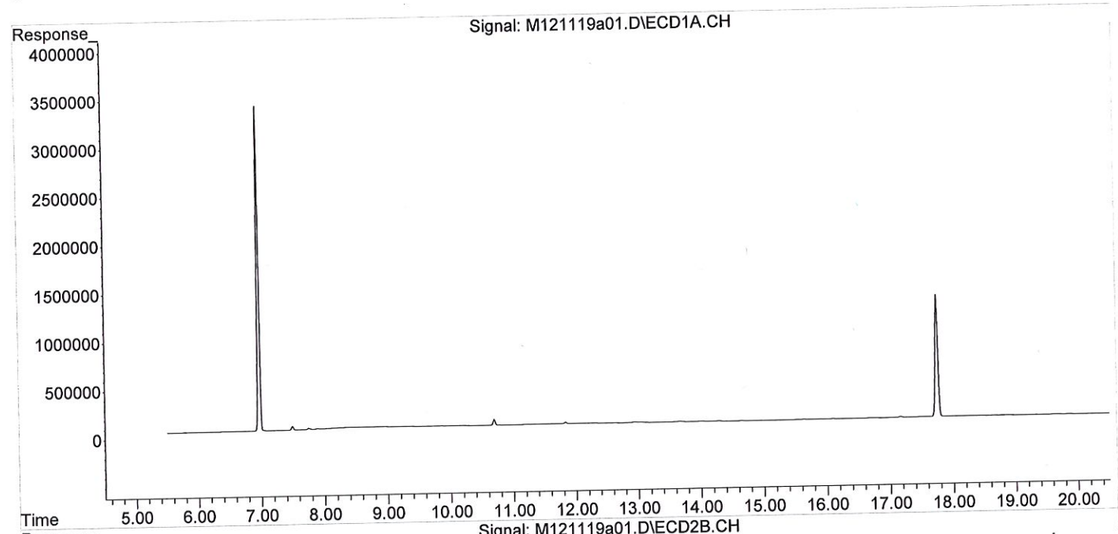
Quantitation Report (QT Reviewed)

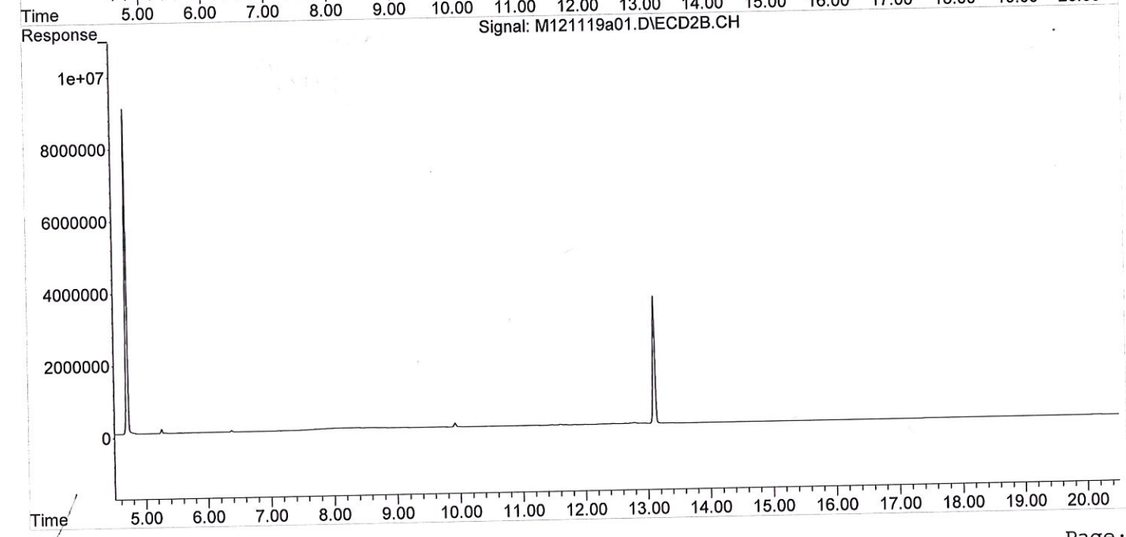
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\
Data File : M121119a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 7:04 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 12 09:07:32 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1254.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Thu Dec 05 08:10:02 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest
Signal #1 Info : .32

Signal #2 Phase: CLPest2
Signal #2 Info : .32





Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\
Data File : M121119a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 7:04 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 12 09:06:16 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1254.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Thu Dec 05 08:10:02 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL	
System Monitoring Compounds							
1) S2 tmx (1)	6.972	4.710	~~3358378~~	~~9009798~~	NoCal	NoCal	
7) S2 dcb	17.745	13.109	~~1257228~~	3522746	NoCal	NoCal	
Target Compounds							
2) L2 1254-1	0.000	0.000	0	0	N.D.	N.D.	
3) L2 1254-2	0.000	0.000	0	0	N.D.	N.D.	
4) L2 1254-3	11.830	0.000	~~12354~~	0	11.724	N.D.	#
5) L2 1254-4	0.000	0.000	0	0	N.D.	N.D.	
6) L2 1254-5	0.000	0.000	0	0	N.D.	N.D.	
Sum 1254-1			12354	0	11.724	N.D.	
Average 1254-1					11.724	0.000	

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

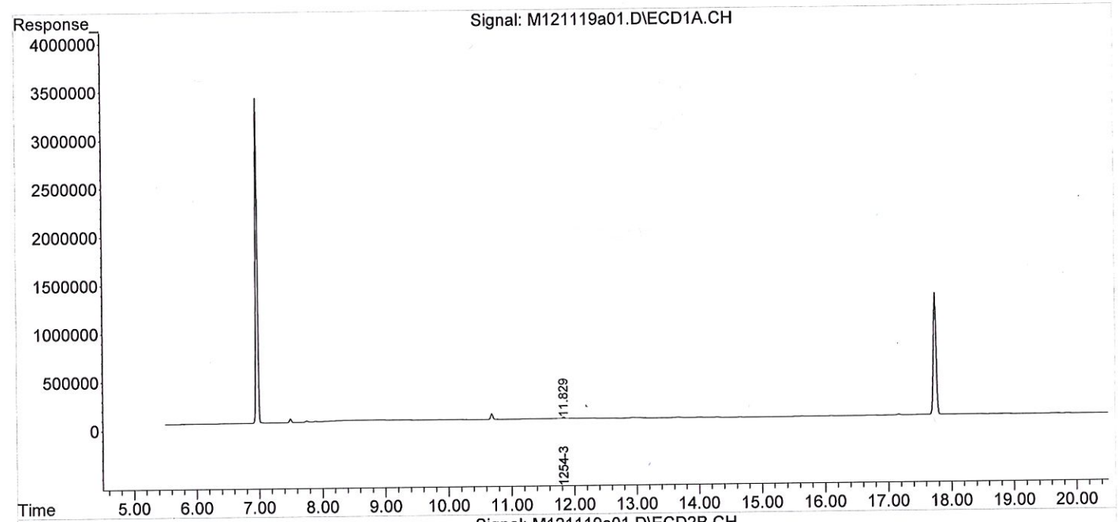
LW
12/12/19

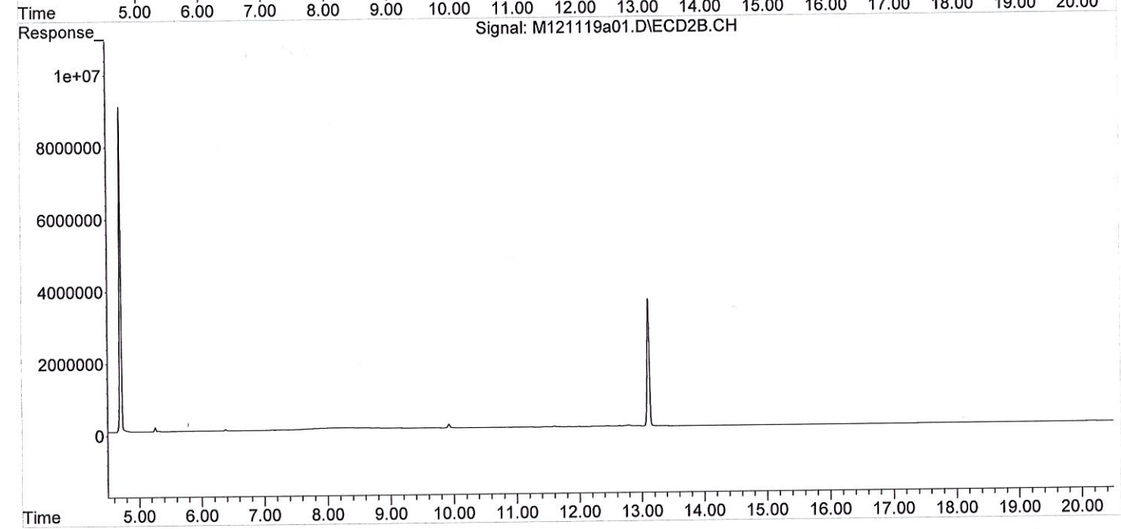
Quantitation Report (Not Reviewed)

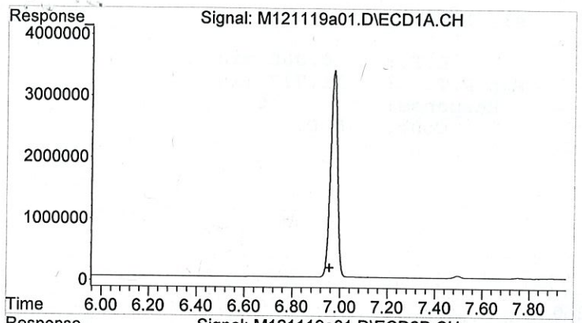
Data Path : J:\Organics\Minerva\MINERVA 2019 DATA\M121119PCBDW\
Data File : M121119a01.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 11 Dec 2019 7:04 am
Operator : DWOOD
Sample : 87PCB032819D
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 1 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: EVENTS1.E
Quant Time: Dec 12 09:06:16 2019
Quant Method : J:\Organics\Minerva\Methods\M120419PCB1254.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Thu Dec 05 08:10:02 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

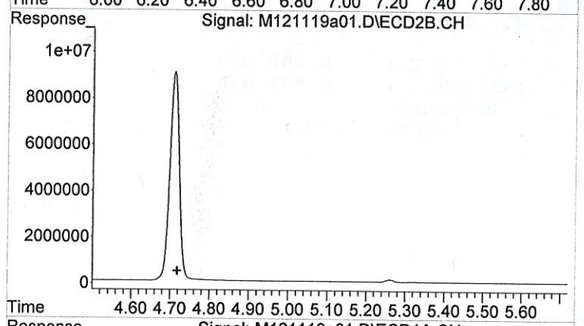






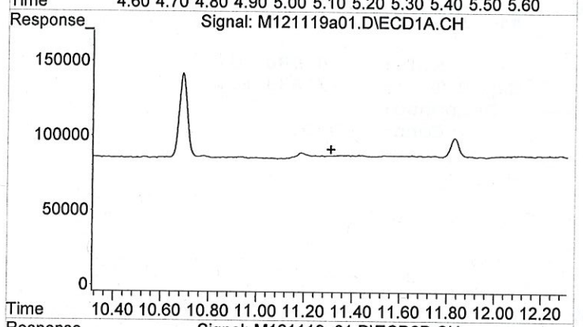
#1 tmx (1)

R.T.: 0.000 min
Exp R.T. : 6.957 min
Response: 0
Conc: N.D.



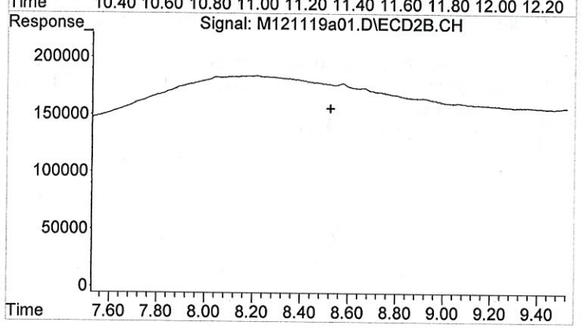
#1 tmx (1)

R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



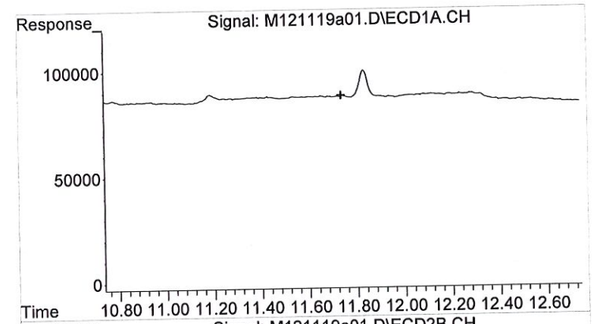
#2 1254-1

R.T.: 0.000 min
Exp R.T. : 11.310 min
Response: 0
Conc: N.D.



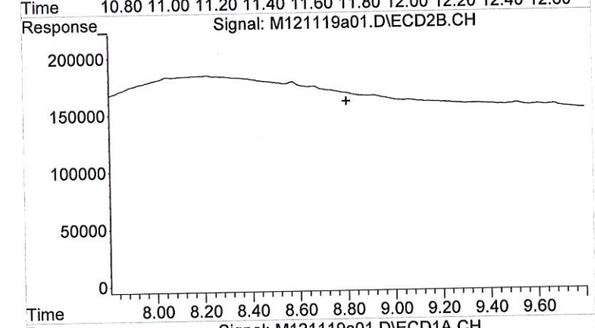
#2 1254-1

R.T.: 0.000 min
Exp R.T. : 8.524 min
Response: 0
Conc: N.D.



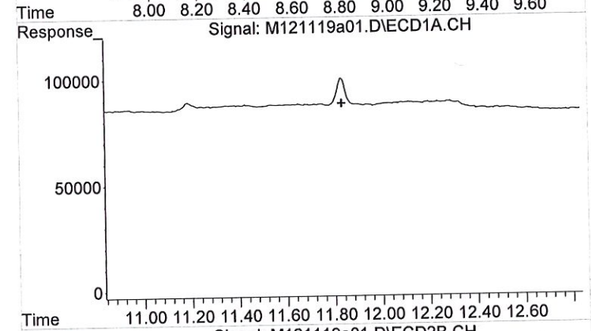
#3 1254-2

R.T.: 0.000 min
Exp R.T. : 11.737 min
Response: 0
Conc: N.D.



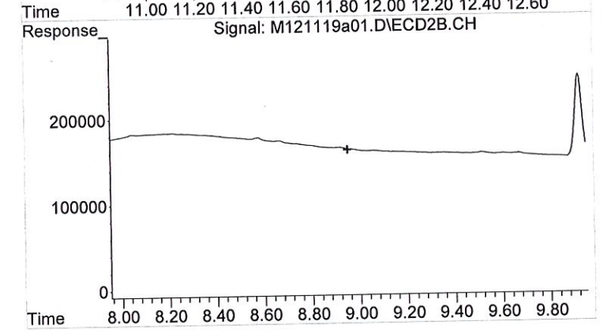
#3 1254-2

R.T.: 0.000 min
Exp R.T. : 8.801 min
Response: 0
Conc: N.D.



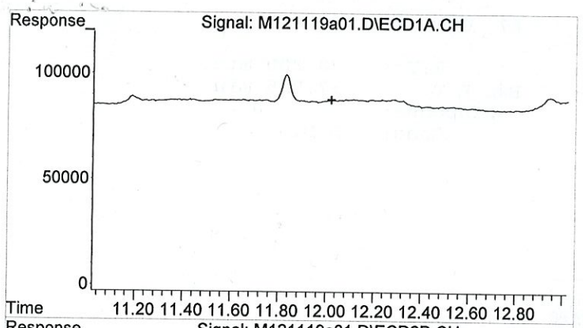
#4 1254-3

R.T.: 0.000 min
Exp R.T. : 11.833 min
Response: 0
Conc: N.D.



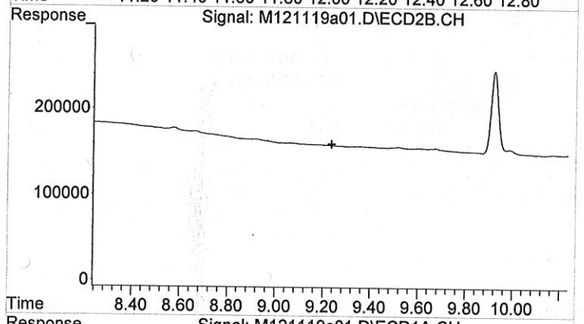
#4 1254-3

R.T.: 0.000 min
Exp R.T. : 8.951 min
Response: 0
Conc: N.D.



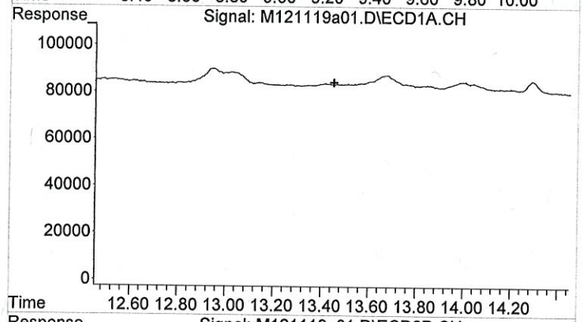
#5 1254-4

R.T.: 0.000 min
Exp R.T. : 12.021 min
Response: 0
Conc: N.D.



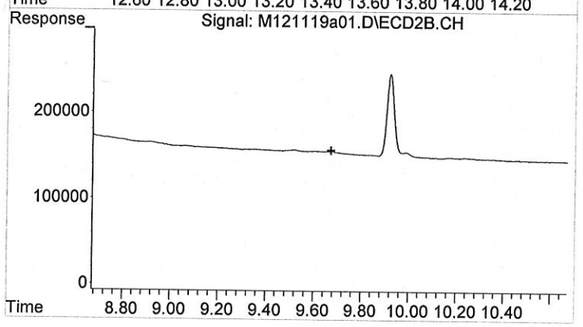
#5 1254-4

R.T.: 0.000 min
Exp R.T. : 9.235 min
Response: 0
Conc: N.D.



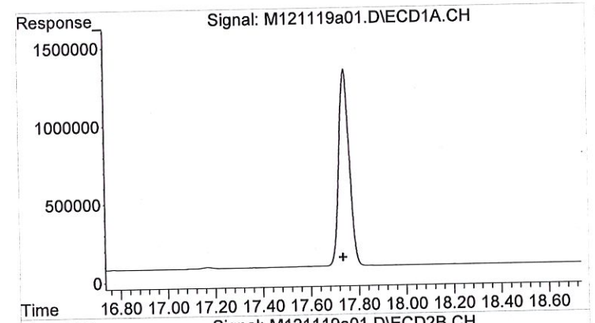
#6 1254-5

R.T.: 0.000 min
Exp R.T. : 13.452 min
Response: 0
Conc: N.D.



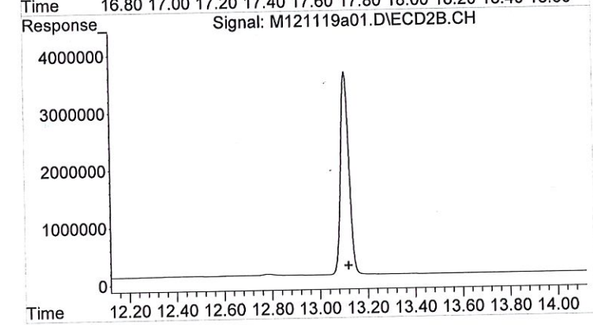
#6 1254-5

R.T.: 0.000 min
Exp R.T. : 9.672 min
Response: 0
Conc: N.D.



#7 dcb

R.T.: 0.000 min
Exp R.T. : 17.735 min
Response: 0
Conc: N.D.



#7 dcb

R.T.: 0.000 min
Exp R.T. : 13.120 min
Response: 0
Conc: N.D.