Sample.....: 16124009
Data File....: M040416pcb34.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/05/2016 0:13
Type.....: 0
Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\M040416pcb34.D

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: 34

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 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	100	tmx (1)	6.96	6.97	146476		5	3.5	69	%Rec	
12	2.5	100	dcb	17.73	17.74	87397		5	3.4	69	%Rec	
14	2.5	100	tmx (1) #2	5.04	5.04	114516		5	4.1	82	%Rec	
25	2.5	100	dcb #2	13.70	13.70	95045		5	5.4	109	%Rec	
2	25	1000	1016 -1	-	-	-	d	-	-	2.5	ug (RL)	U
3	25	1000	1016-2	-	-	-	d	-	-	2.5	ug (RL)	U
4	25	1000	1016-3	-	-	-	d	-	-	2.5	ug (RL)	U
5	25	1000	1016-4	-	-	-	d	-	-	2.5	ug (RL)	U
6	25	1000	1016-5	-	-	-	d	-	-	2.5	ug (RL)	U
7	25	1000	1260-1	-	-	-	d	-	-	2.5	ug (RL)	U
8	25	1000	1260-2	-	-	-	d	-	-	2.5	ug (RL)	U
9	25	1000	1260-3	-	-	-	d	-	-	2.5	ug (RL)	U
10	25	1000	1260-4	-	-	-	d	-	-	2.5	ug (RL)	U
11	25	1000	1260-5	-	-	-	d	-	-	2.5	ug (RL)	U
15	25	1000	1016 -1 #2	-	-	-	d	-	-	2.5	ug (RL)	U
16	25	1000	1016-2 #2	-	-	-	d	-	-	2.5	ug (RL)	U
17	25	1000	1016-3 #2	-	-	-	d	-	-	2.5	ug (RL)	U
18	25	1000	1016-4 #2	-	-	-	d	-	-	2.5	ug (RL)	U
19	25	1000	1016-5 #2	-	-	-	d	-	-	2.5	ug (RL)	U
20	25	1000	1260-1 #2	-	-	-	d	-	-	2.5	ug (RL)	U
21	25	1000	1260-2 #2	-	-	-	d	-	-	2.5	ug (RL)	U
22	25	1000	1260-3 #2	-	-	-	d	-	-	2.5	ug (RL)	U
23	25	1000	1260-4 #2	-	-	-	d	-	-	2.5	ug (RL)	U
24	25	1000	1260-5 #2	-	-	-	d	-	-	2.5	ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
12674112	1016 Column 1	2.5	ug (RL)	0	NA	Results will be reported from Column 1
12674112	1016 Column 2	2.5	ug (RL)	0	NA	
11096825	1260 Column 1	2.5	ug (RL)	0	NA	
11096825	1260 Column 2	2.5	ug (RL)	0	NA	

[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 2016 DATA\M040416PCBDW\
Data File : M040416pcb34.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 0:13 am
Operator : DWOOD
Sample : 16124009
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 31 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:10:28 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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	5.039	146476	114516	3.460	4.088
12)	S2 dcb	17.732	13.697	87397	95045	3.435	5.441 #
	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	0.000	0.000	0	0	N.D. d	N.D. d
8)	L2 1260-2	0.000	0.000	0	0	N.D. d	N.D. d
9)	L2 1260-3	0.000	0.000	0	0	N.D. d	N.D. 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.

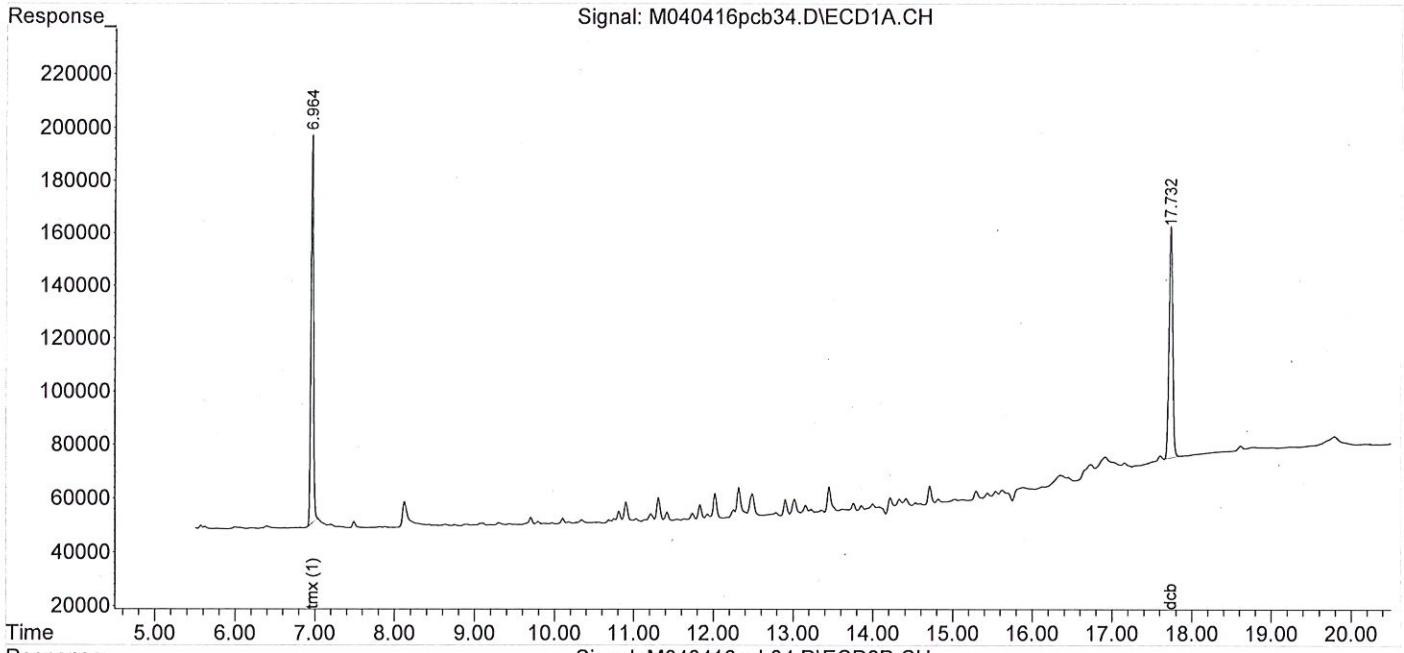
4/6/16

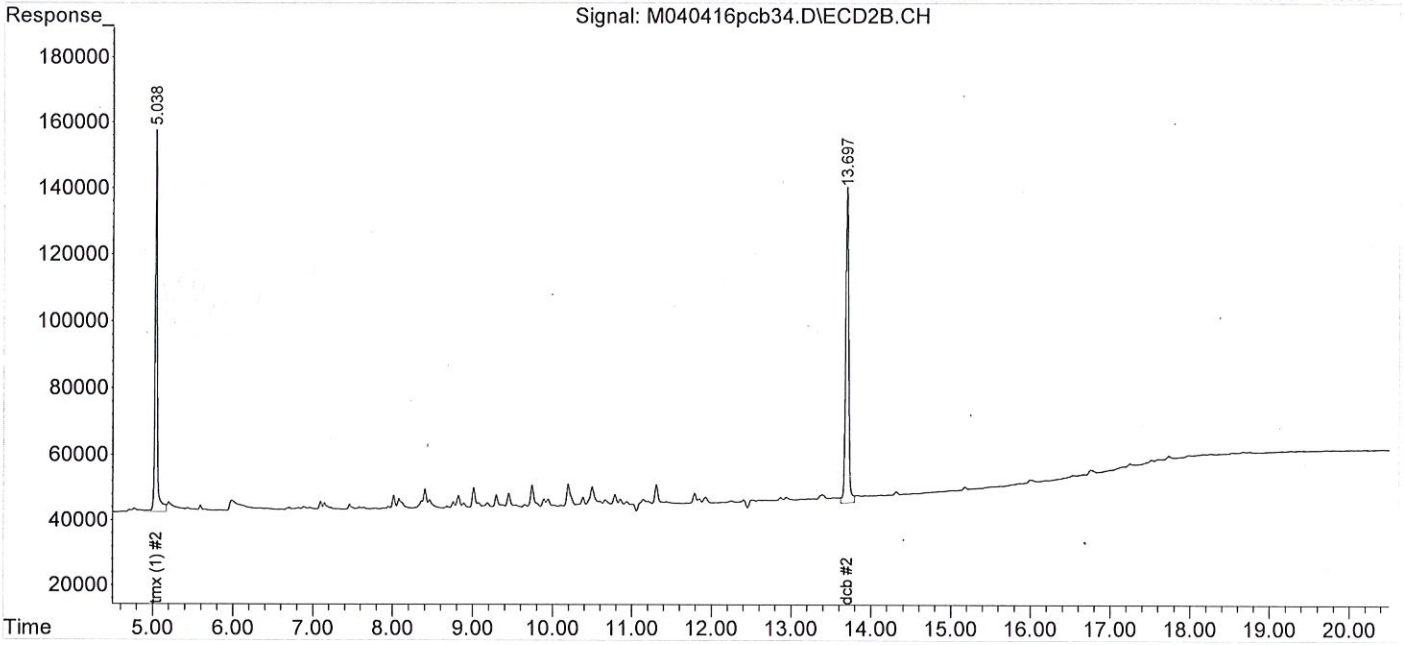
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb34.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 0:13 am
Operator : DWOOD
Sample : 16124009
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 31 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:10:28 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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 2016 DATA\M040416PCBDW\
Data File : M040416pcb34.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 0:13 am
Operator : DWOOD
Sample : 16124009
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 31 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:28:41 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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	5.039	146476	114516	3.460	4.088
12) S2 dcb	17.732	13.697	87397	95045	3.435	5.441 #
Target Compounds						
2) L1 1016 -1	0.000	5.594	0	1940	N.D.	N.D.
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	6.704	0	1159	N.D.	N.D.
5) L1 1016-4	0.000	6.887	0	1518	N.D.	N.D.
6) L1 1016-5	0.000	7.461	0	2045	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	9.297	0	4864	N.D.	N.D.
8) L2 1260-2	13.451	9.743	8258	7836	N.D.	1.473 #
9) L2 1260-3	0.000	10.195	0	8073	N.D.	4.870 #
10) L2 1260-4	0.000	11.309	0	7780	N.D.	2.043 #
11) L2 1260-5	0.000	11.789	0	4770	N.D.	0.755 #
Sum 1260-1			0	28459	N.D.	7.929
Average 1260-1					0.000	1.982

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

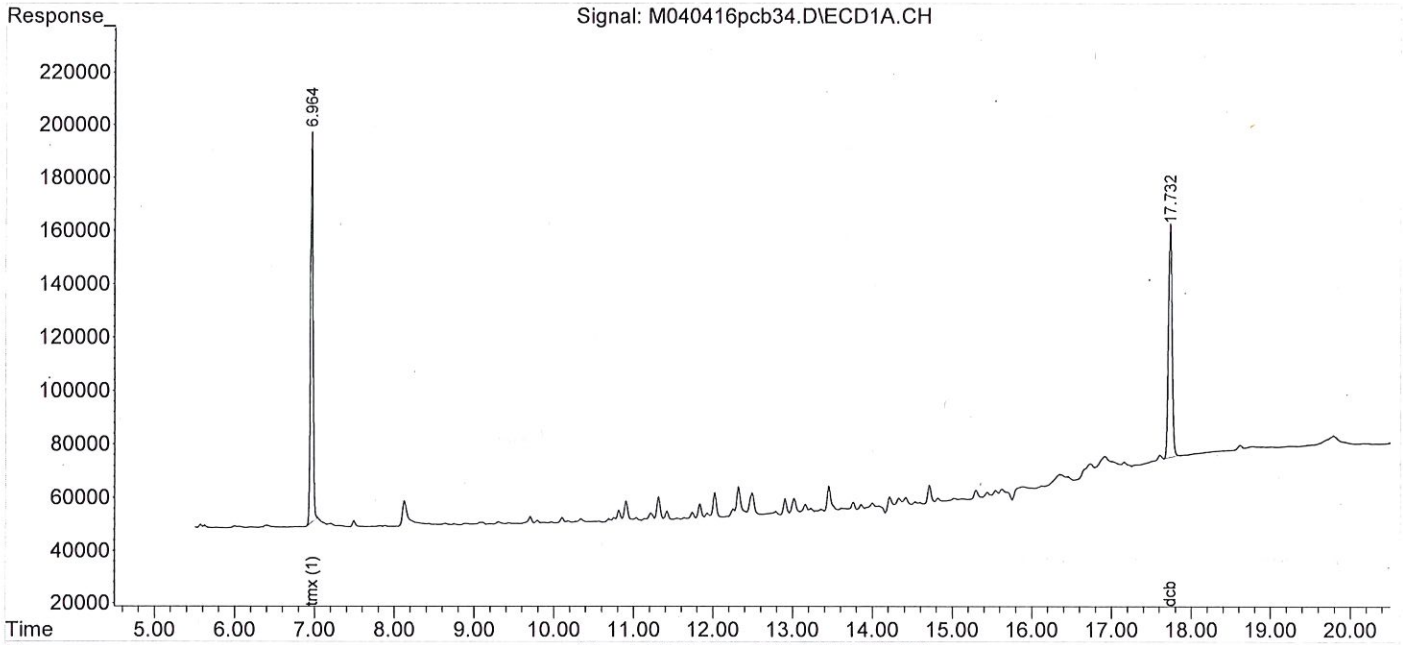
4/6/16

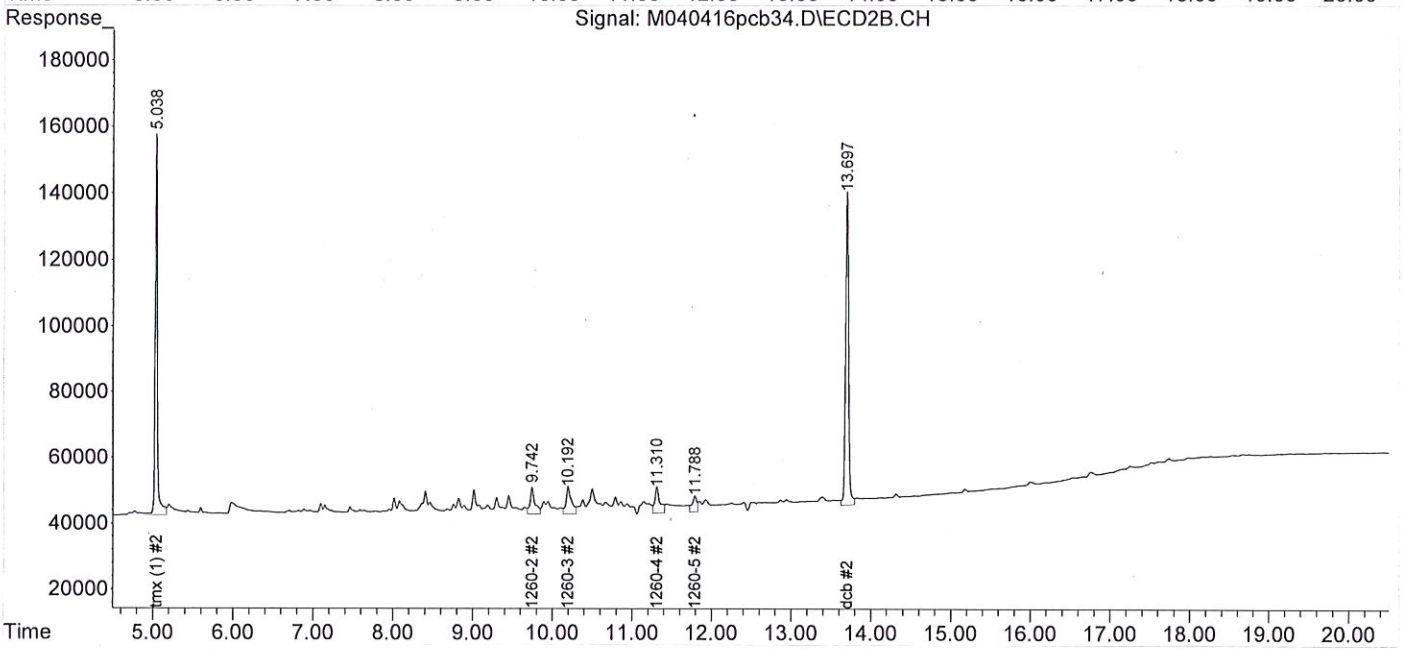
Quantitation Report (Not Reviewed)

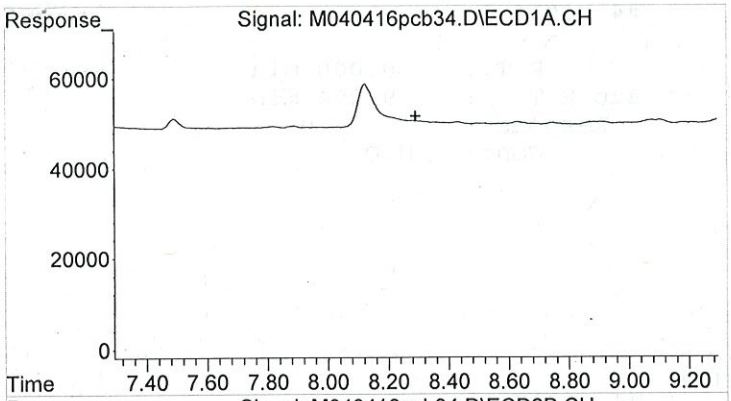
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb34.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 0:13 am
Operator : DWOOD
Sample : 16124009
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 31 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:28:41 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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

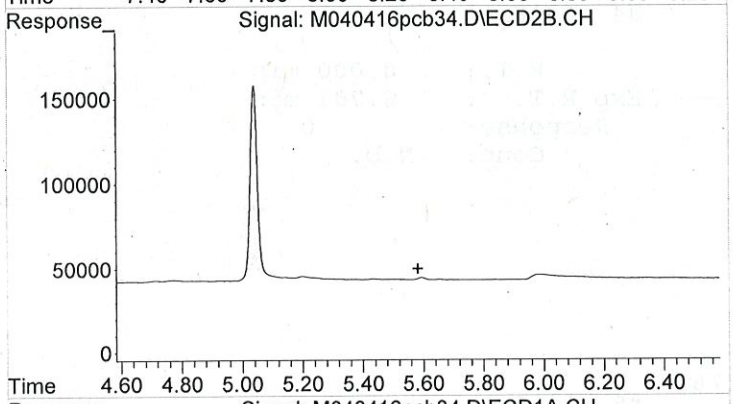






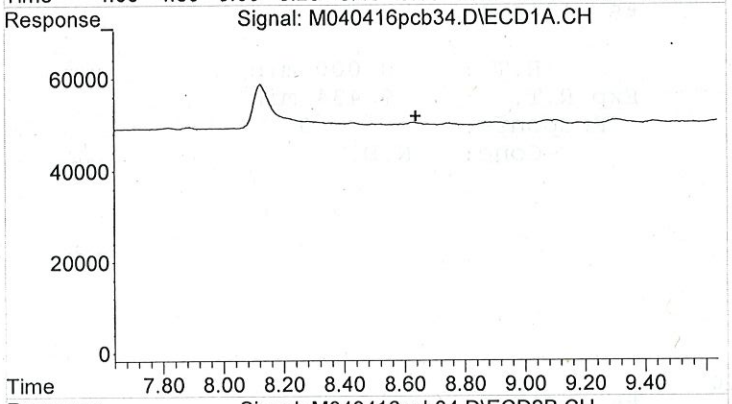
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 8.293 min
Response: 0
Conc: N.D.



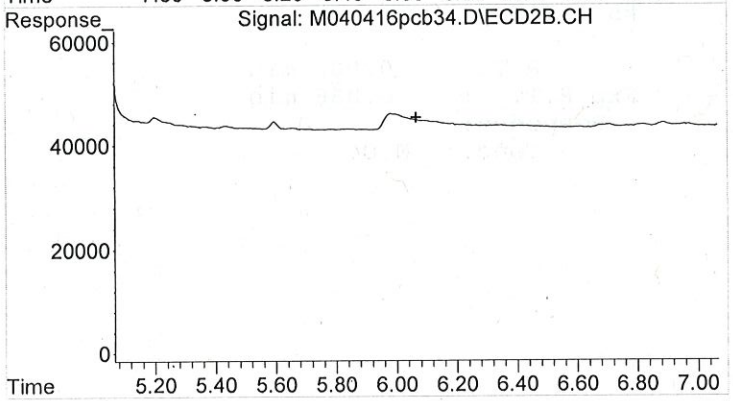
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.583 min
Response: 0
Conc: N.D.



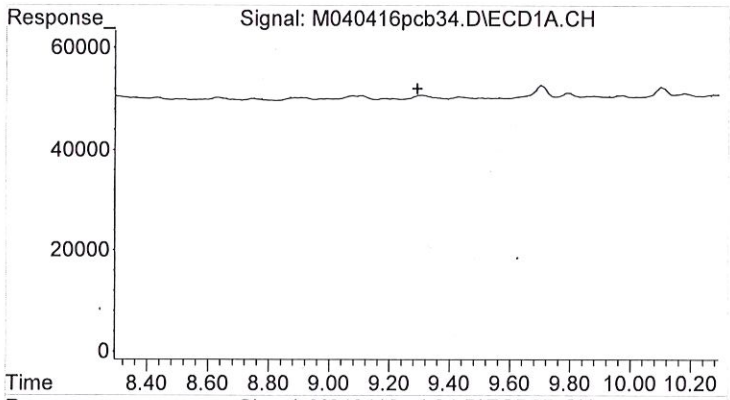
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.639 min
Response: 0
Conc: N.D.



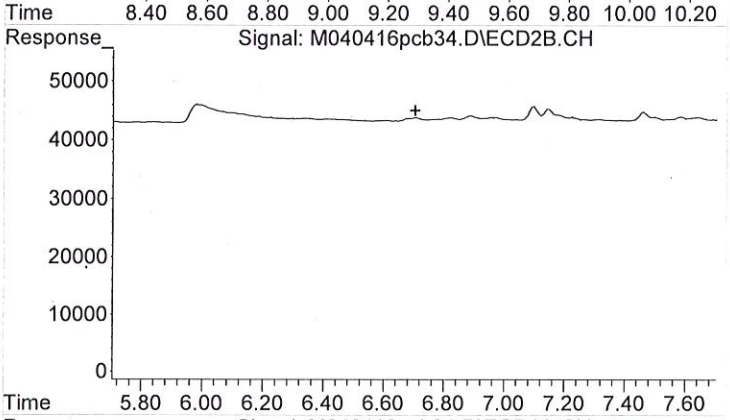
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 6.066 min
Response: 0
Conc: N.D.



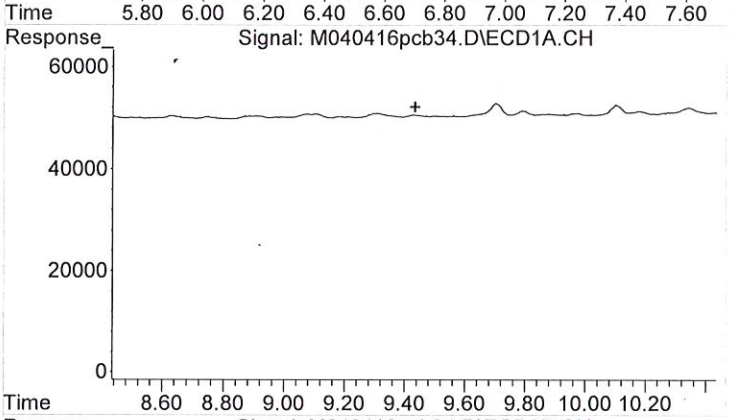
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.292 min
Response: 0
Conc: N.D.



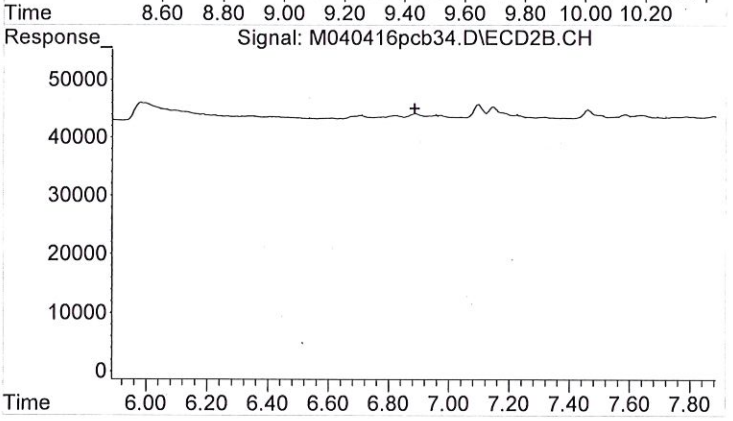
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.704 min
Response: 0
Conc: N.D.



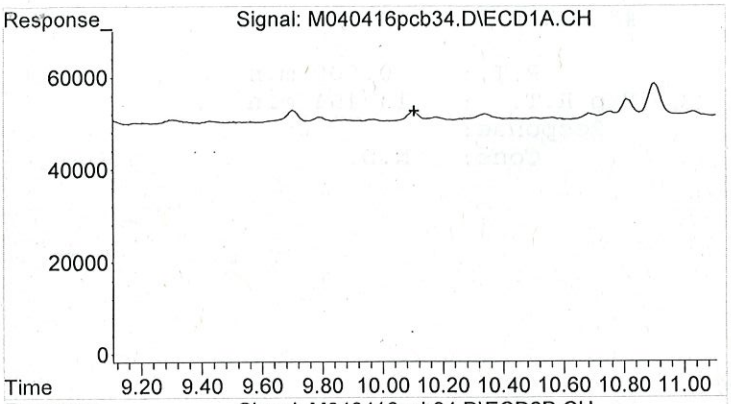
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.434 min
Response: 0
Conc: N.D.



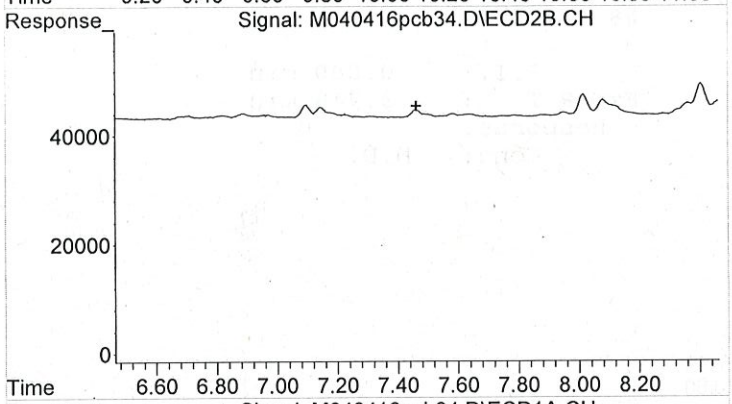
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



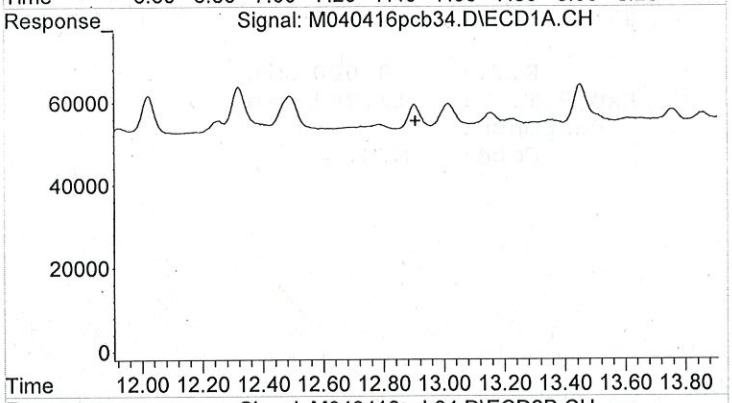
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 10.106 min
Response: 0
Conc: N.D.



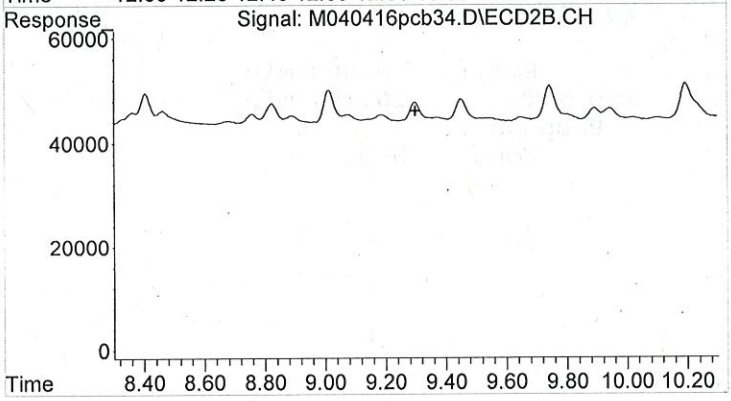
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



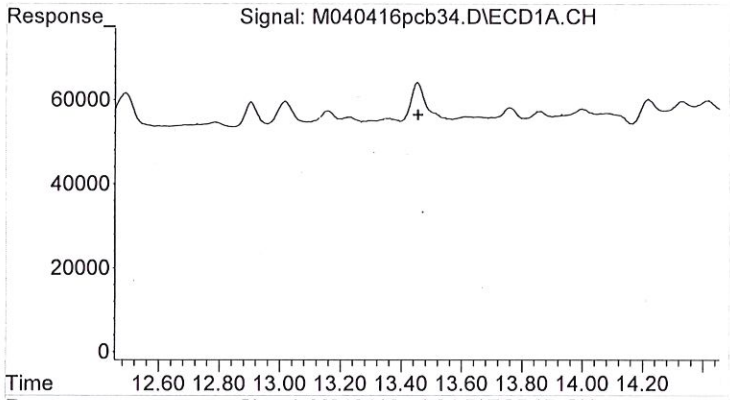
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.907 min
Response: 0
Conc: N.D.



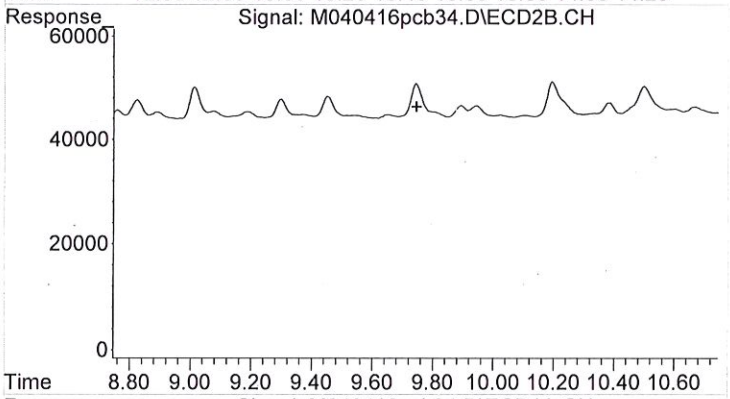
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 9.300 min
Response: 0
Conc: N.D.



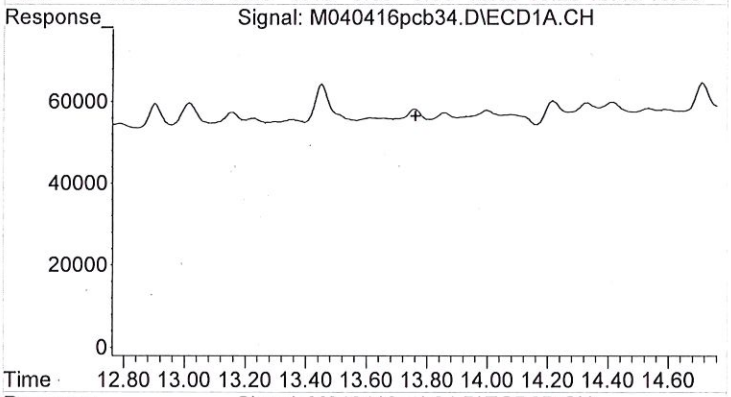
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 13.454 min
Response: 0
Conc: N.D.



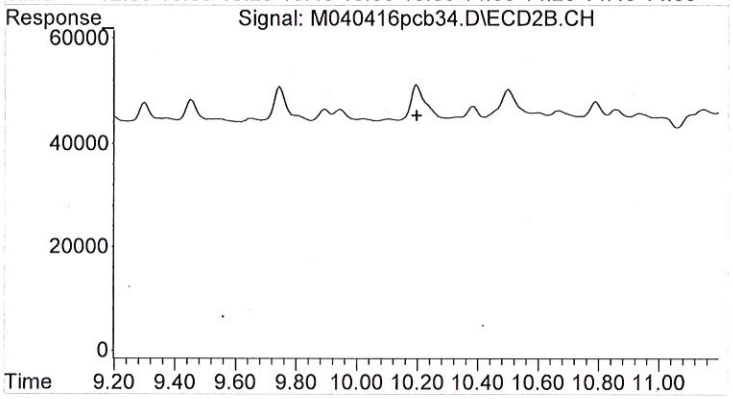
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.745 min
Response: 0
Conc: N.D.



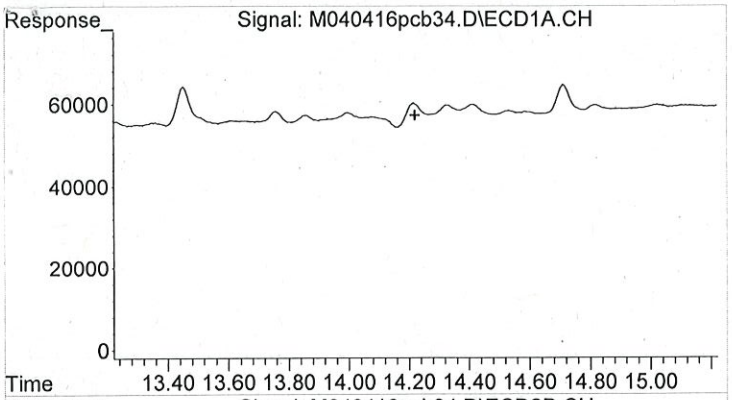
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.762 min
Response: 0
Conc: N.D.



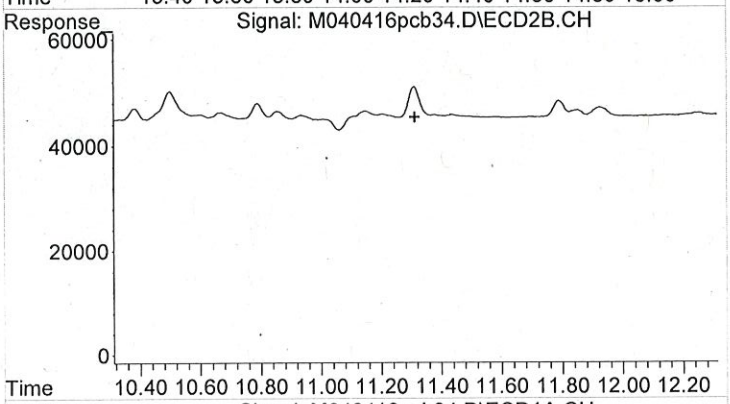
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 10.197 min
Response: 0
Conc: N.D.



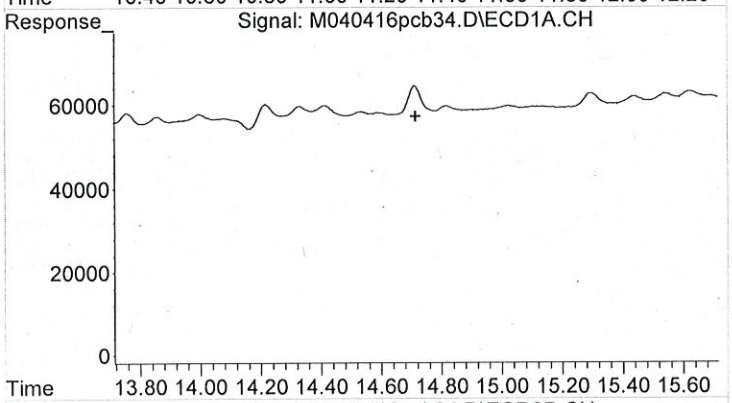
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.221 min
Response: 0
Conc: N.D.



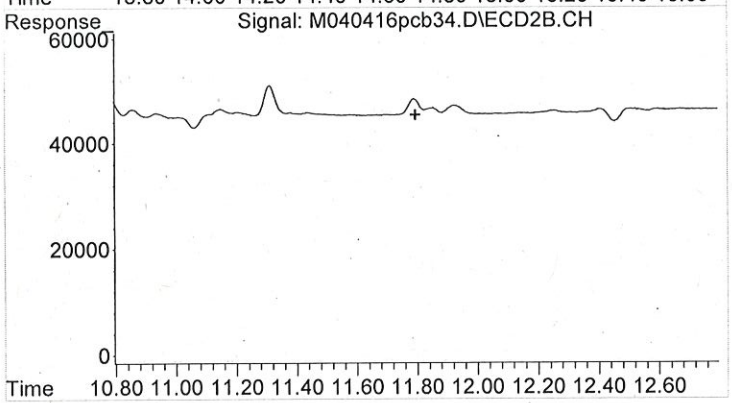
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 11.313 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 14.715 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 11.795 min
Response: 0
Conc: N.D.

PCB Sample Results Summary

Sample.....: 16124009
Data File....: M040416pcb34.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/05/2016 0:13
Type.....: 0

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: na

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 mL
Dilution.....: 1x D0

Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB1242.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M040416pcb34.D

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)	-	-	-					
7	25	1000	dcb	-	-	-	d				
9	25	1000	tmx (1) #2	-	-	-					
15	25	1000	dcb #2	-	-	-	d				
2	25	1000	1242 -1	-	-	-	d	-	-	2.5 ug (RL)	U
3	25	1000	1242-2	-	-	-	d	-	-	2.5 ug (RL)	U
4	25	1000	1242-3	-	-	-	d	-	-	2.5 ug (RL)	U
5	25	1000	1242-4	-	-	-	d	-	-	2.5 ug (RL)	U
6	25	1000	1242-5	-	-	-	d	-	-	2.5 ug (RL)	U
10	25	1000	1242 -1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
11	25	1000	1242-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
12	25	1000	1242-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
13	25	1000	1242-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
14	25	1000	1242-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
53469219	1242 Column 1	2.5	ug (RL)	0	NA	Results will be reported from Column 1
53469219	1242 Column 2	2.5	ug (RL)	0	NA	

[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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb34.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 0:13 am
Operator : DWOOD
Sample : 16124009
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 31 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:23:56 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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.

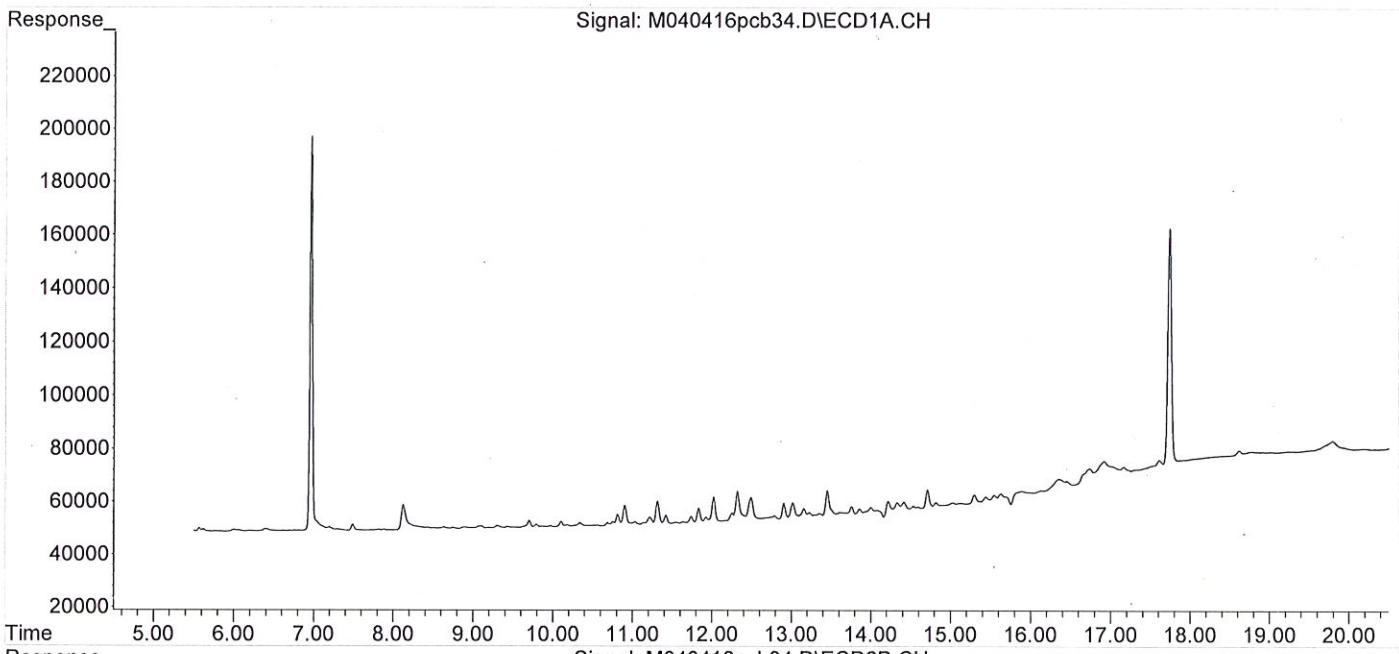
lw
4/12/16

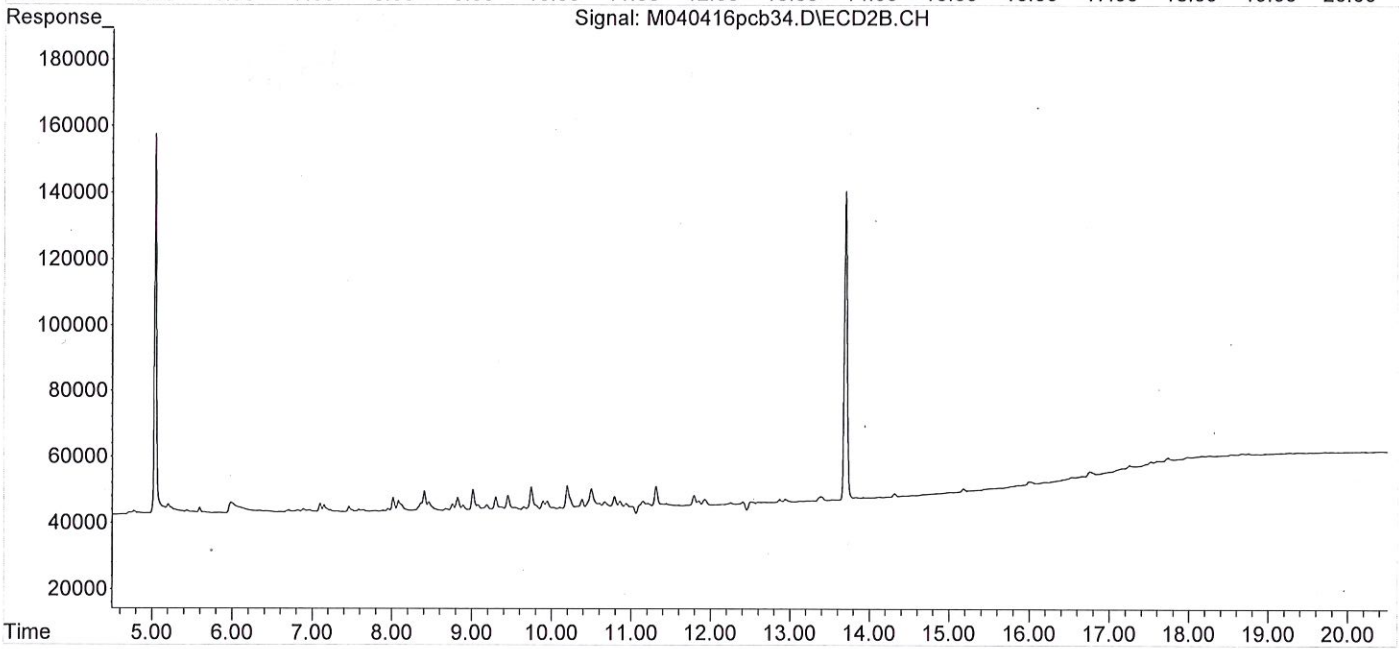
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb34.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 0:13 am
Operator : DWOOD
Sample : 16124009
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 31 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:23:56 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb34.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 0:13 am
Operator : DWOOD
Sample : 16124009
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 31 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:58:45 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	11.311	0.000	8670	0	NoCal	N.D.	
Target Compounds							
2) L1 1242 -1	8.629	6.704	796	1159	3260.858	N.D.	#
3) L1 1242-2	9.076	6.887	889	1518	3336.850	N.D.	#
4) L1 1242-3	9.702	7.461	2549	2045	3322.141	N.D.	#
5) L1 1242-4	10.340	8.080	1374	3814	3479.474	6.263	#
6) L1 1242-5	11.215	8.405	2746	6774	3203.859	18.508	#
Sum 1242 -1			8354	10588	16603.182	19.722	
Average 1242 -1					3320.636	9.861	

Below 25

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

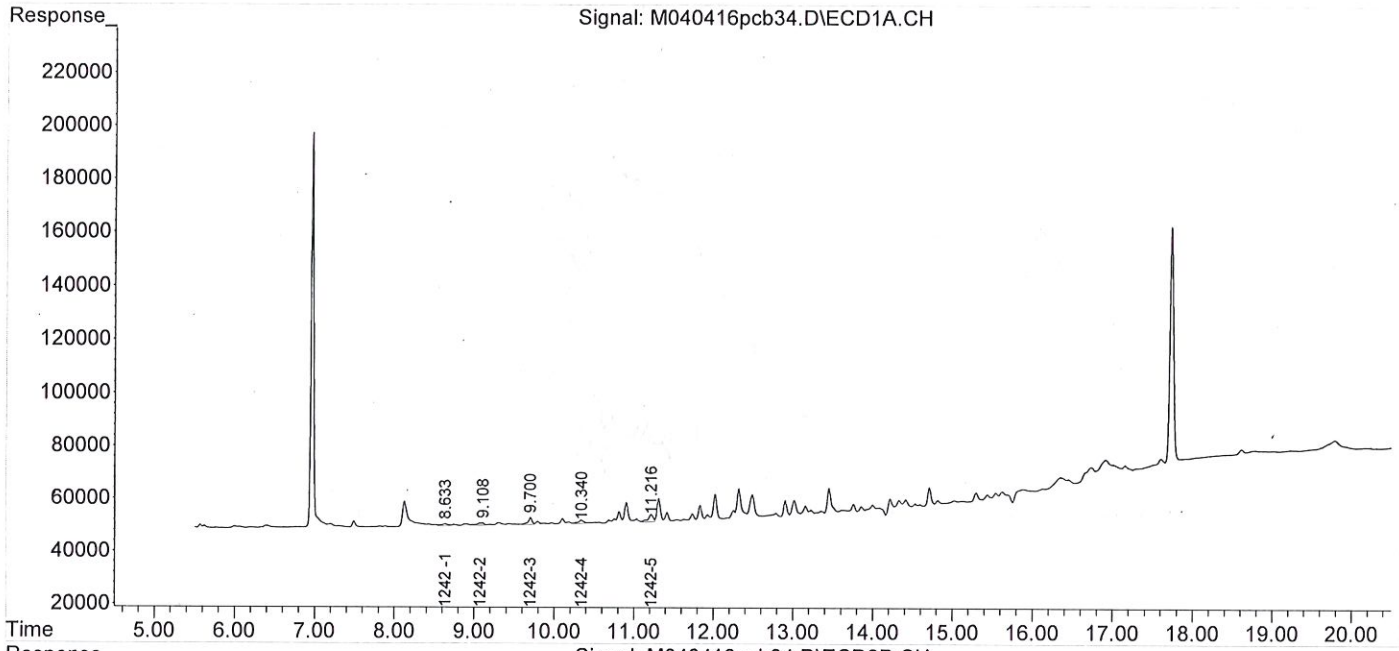
4/11/16

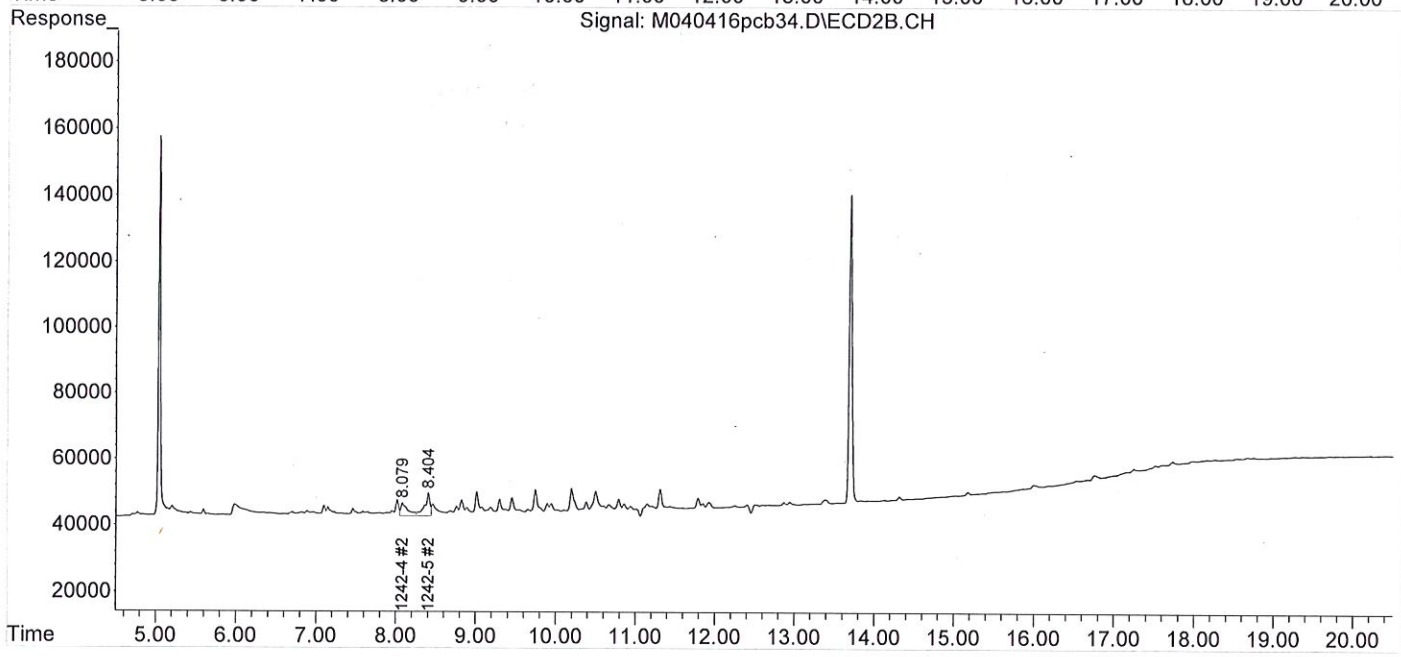
Quantitation Report (Not Reviewed)

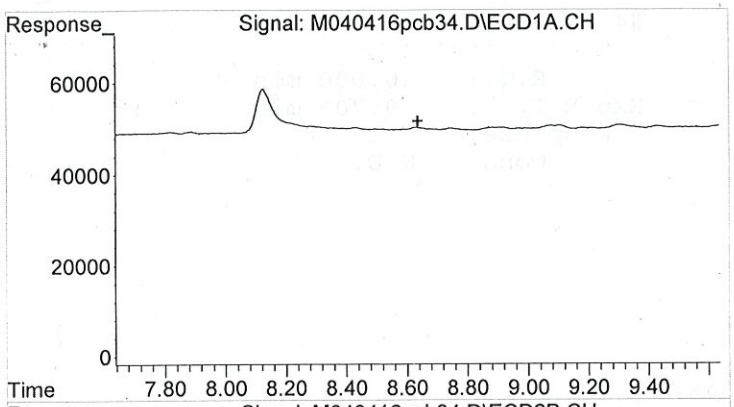
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb34.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 0:13 am
Operator : DWOOD
Sample : 16124009
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 31 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:58:45 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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

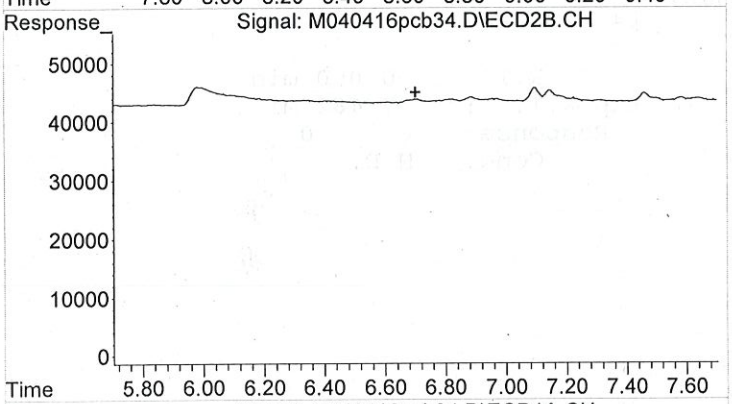






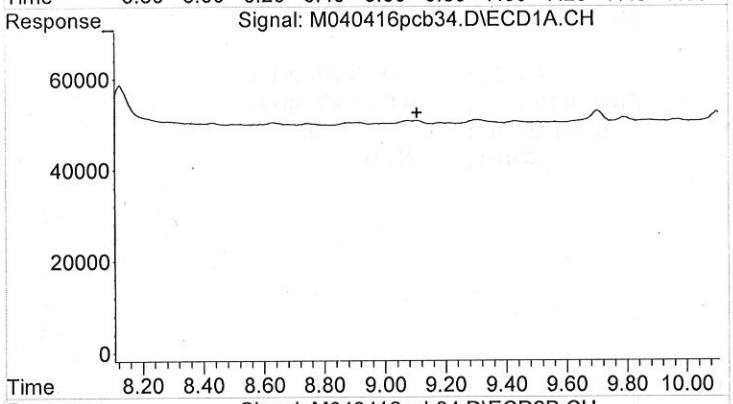
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 8.637 min
Response: 0
Conc: N.D.



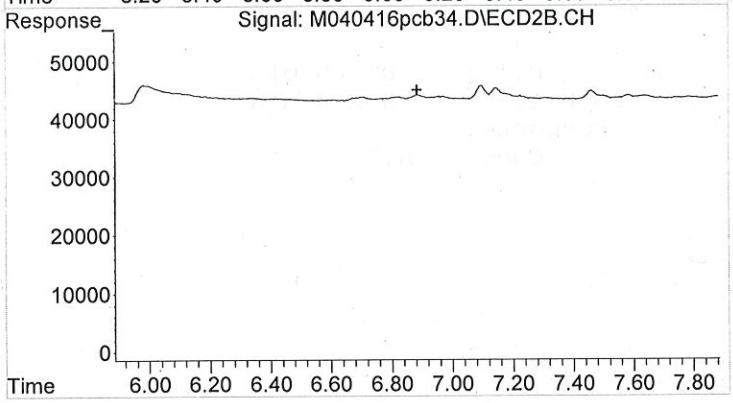
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 6.703 min
Response: 0
Conc: N.D.



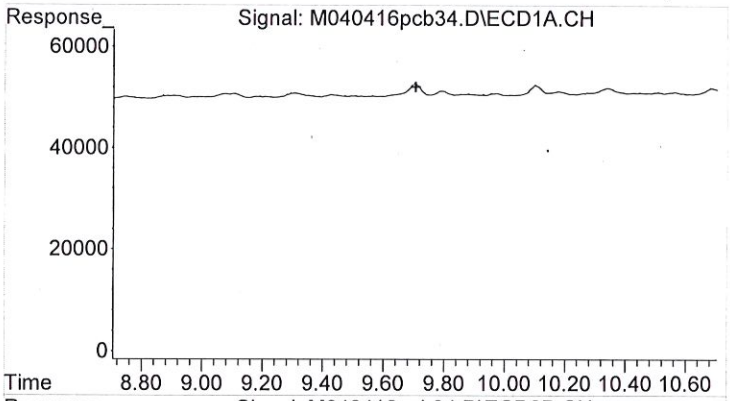
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 9.107 min
Response: 0
Conc: N.D.



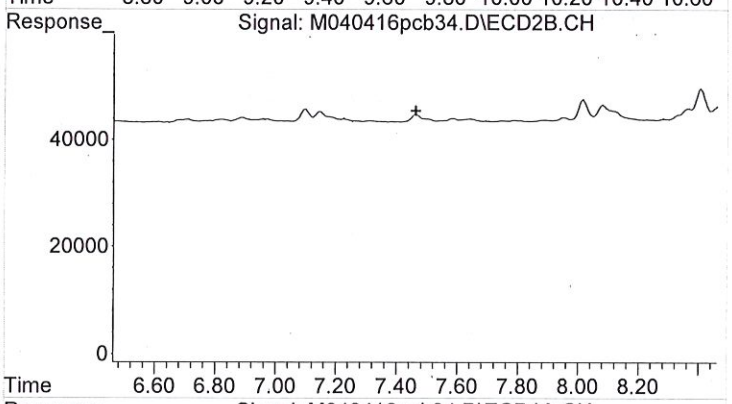
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 6.885 min
Response: 0
Conc: N.D.



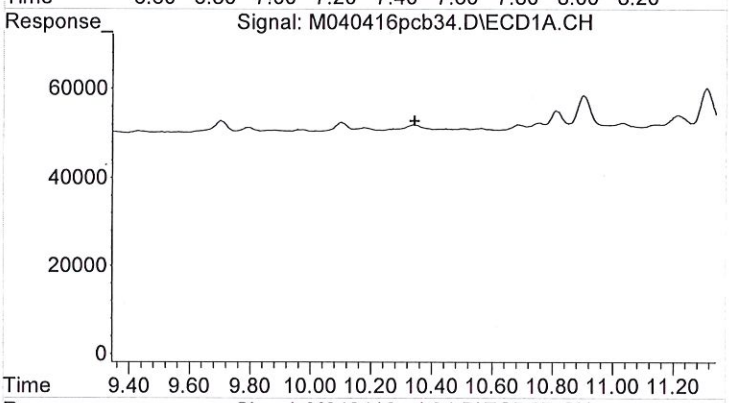
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 9.705 min
Response: 0
Conc: N.D.



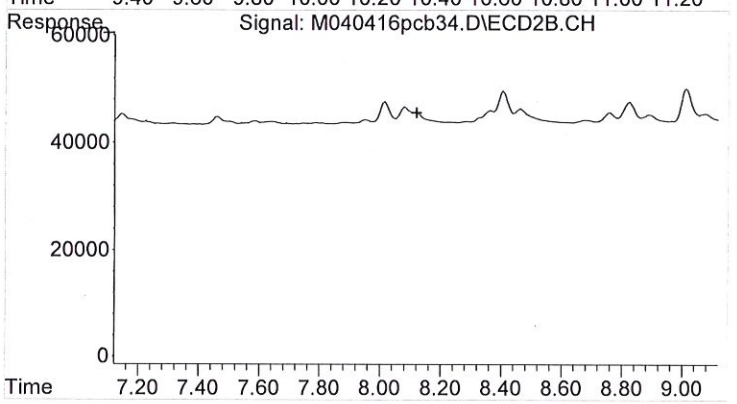
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 7.462 min
Response: 0
Conc: N.D.



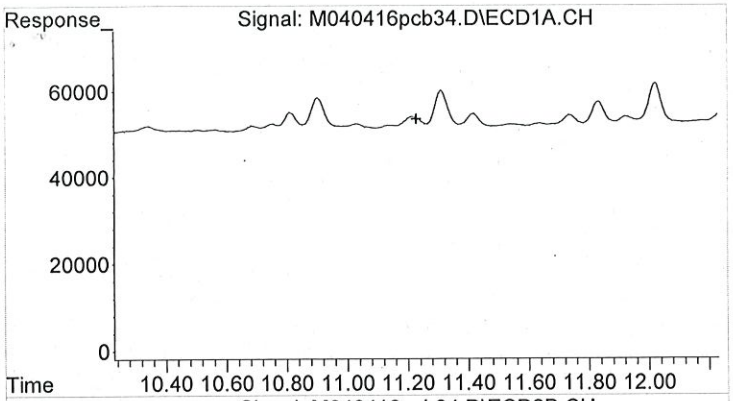
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 10.343 min
Response: 0
Conc: N.D.



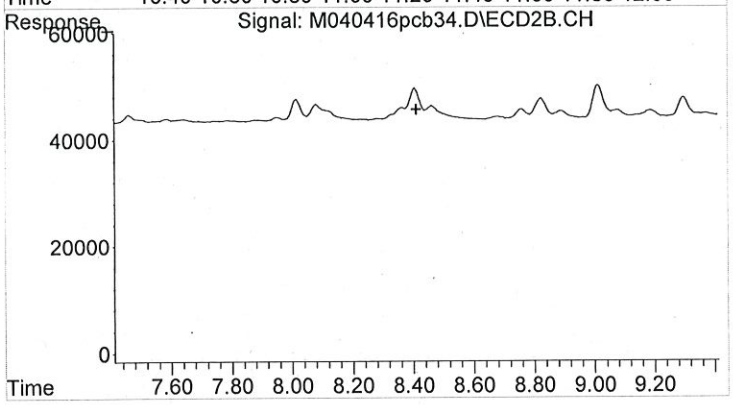
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 8.120 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 11.229 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 8.412 min
Response: 0
Conc: N.D.

PCB Sample Results Summary

Sample.....: 16124010
Data File....: M040416pcb39.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/05/2016 3:06
Type.....: 0

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: 39

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 mL
Dilution.....: 1x D0

Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\M040416pcb39.D

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	100	tmx (1)	6.96	6.97	150348		5	3.6	71 %Rec	
12	2.5	100	dcb	17.73	17.74	78976		5	3.0	61 %Rec	
14	2.5	100	tmx (1) #2	5.04	5.04	125229		5	4.5	90 %Rec	
25	2.5	100	dcb #2	13.70	13.70	88891		5	5.1	101 %Rec	
2	25	1000	1016 -1	-	-	-	d	-	-	2.5 ug (RL)	U
3	25	1000	1016-2	-	-	-	d	-	-	2.5 ug (RL)	U
4	25	1000	1016-3	-	-	-	d	-	-	2.5 ug (RL)	U
5	25	1000	1016-4	-	-	-	d	-	-	2.5 ug (RL)	U
6	25	1000	1016-5	-	-	-	d	-	-	2.5 ug (RL)	U
7	25	1000	1260-1	-	-	-	d	-	-	2.5 ug (RL)	U
8	25	1000	1260-2	-	-	-	d	-	-	2.5 ug (RL)	U
9	25	1000	1260-3	-	-	-	d	-	-	2.5 ug (RL)	U
10	25	1000	1260-4	-	-	-	d	-	-	2.5 ug (RL)	U
11	25	1000	1260-5	-	-	-	d	-	-	2.5 ug (RL)	U
15	25	1000	1016 -1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
16	25	1000	1016-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
17	25	1000	1016-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
18	25	1000	1016-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
19	25	1000	1016-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U
20	25	1000	1260-1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
21	25	1000	1260-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
22	25	1000	1260-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
23	25	1000	1260-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
24	25	1000	1260-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
12674112	1016 Column 1	2.5	ug (RL)	0	NA	Results will be reported from Column 1
12674112	1016 Column 2	2.5	ug (RL)	0	NA	
11096825	1260 Column 1	2.5	ug (RL)	0	NA	
11096825	1260 Column 2	2.5	ug (RL)	0	NA	

[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 2016 DATA\M040416PCBDW\
Data File : M040416pcb39.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:06 am
Operator : DWOOD
Sample : 16124010
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 33 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:14:49 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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)	6.963	5.038	150348	125229	3.574	4.488 #
12)	S2 dcb	17.731	13.697	78976	88891	3.027	5.050 #
	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	0.000	0.000	0	0	N.D. d	N.D. d
8)	L2 1260-2	0.000	0.000	0	0	N.D. d	N.D. d
9)	L2 1260-3	0.000	0.000	0	0	N.D. d	N.D. 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.

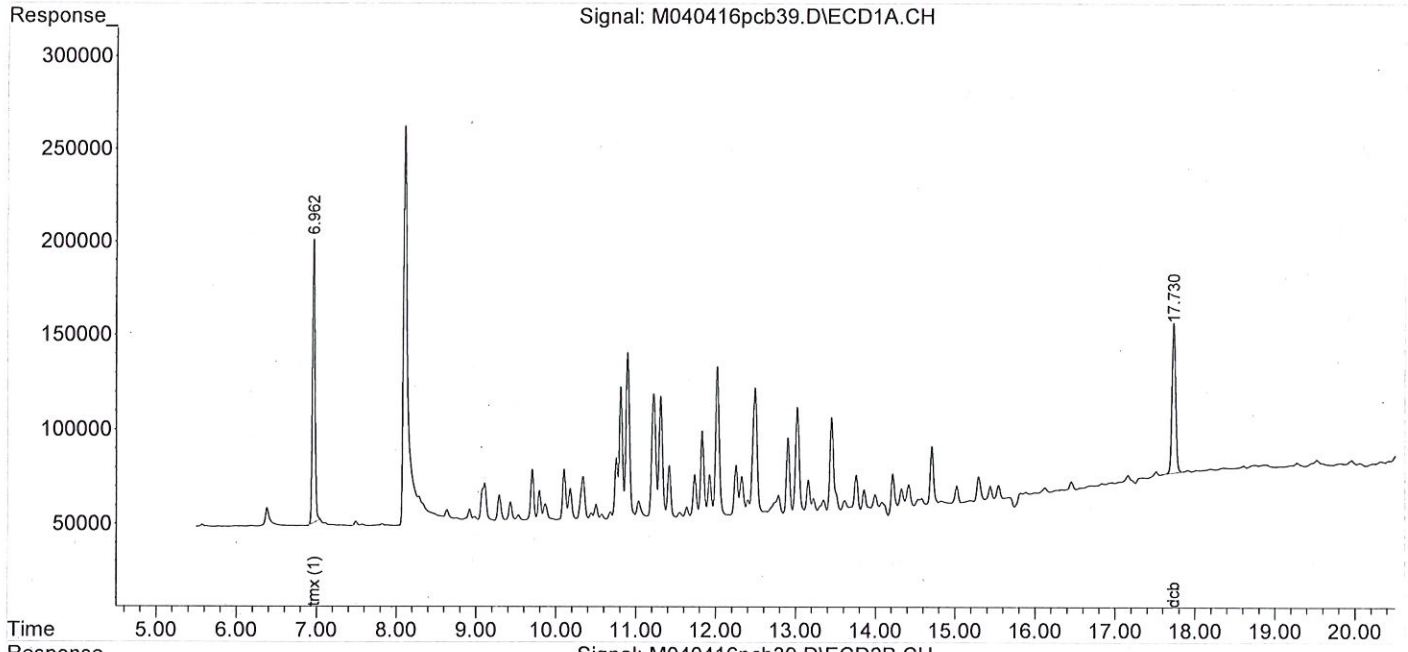
ww
4/6/16

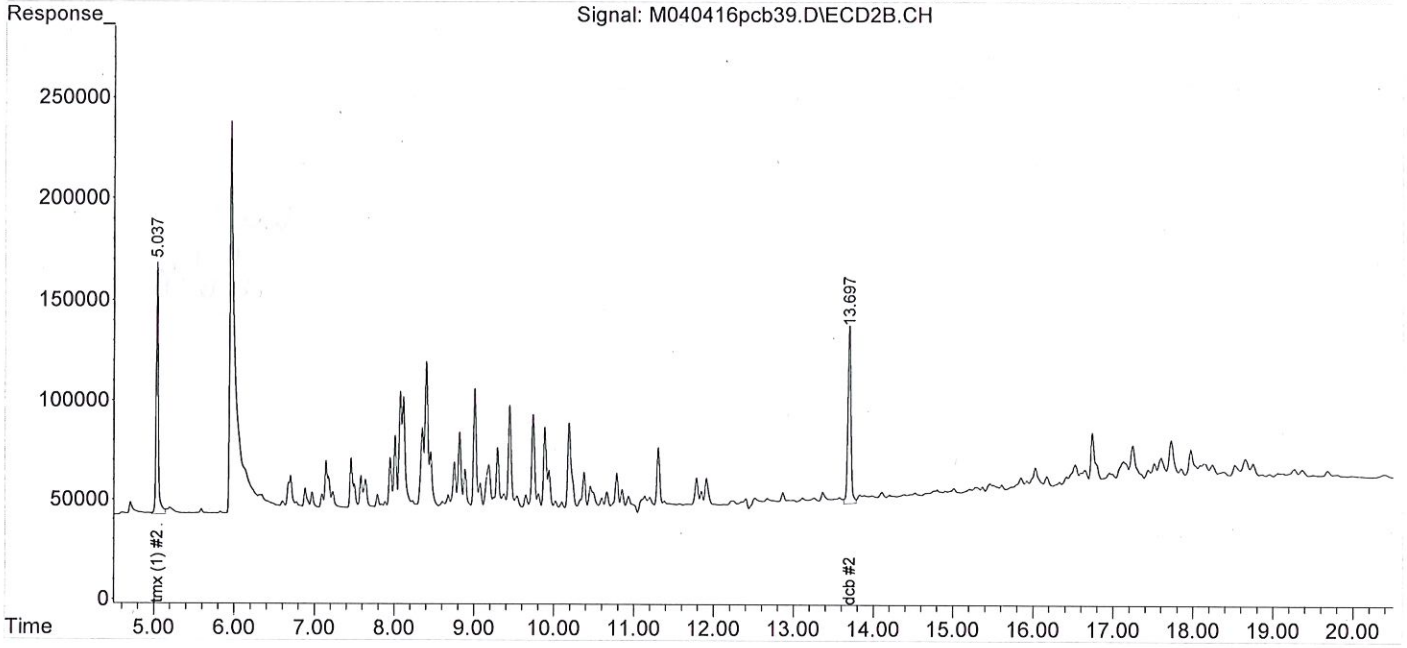
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb39.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:06 am
Operator : DWOOD
Sample : 16124010
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 33 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:14:49 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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 2016 DATA\M040416PCBDW\
Data File : M040416pcb39.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:06 am
Operator : DWOOD
Sample : 16124010
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 33 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:28:57 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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)	6.963	5.038	150348	125229	3.574	4.488 #
12) S2 dcb	17.731	13.697	78976	88891	3.027	5.050 #
Target Compounds						
2) L1 1016 -1	0.000	5.591	0	2469	N.D.	N.D.
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	9.287	6.702	13116	19257	4.972	14.423 #
5) L1 1016-4	9.428	6.884	9132	12793	8.447	14.606 #
6) L1 1016-5	10.100	7.459	26378	27869	28.618	46.421 #
Sum 1016 -1			48625	59919	42.037	71.859
Average 1016 -1					14.012	23.953
7) L2 1260-1	12.901	9.295	39495	32774	15.145	30.020 #
8) L2 1260-2	13.449	9.740	48900	49276	21.884	34.017 #
9) L2 1260-3	13.756	10.191	17544	45049	6.803	41.129 #
10) L2 1260-4	14.215	11.307	20885	32028	8.979	15.458 #
11) L2 1260-5	14.709	11.787	29871	16117	2.956	14.035 #
Sum 1260-1			156694	175246	55.777	134.660
Average 1260-1					11.155	26.932

PCB1242

RL low 25

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

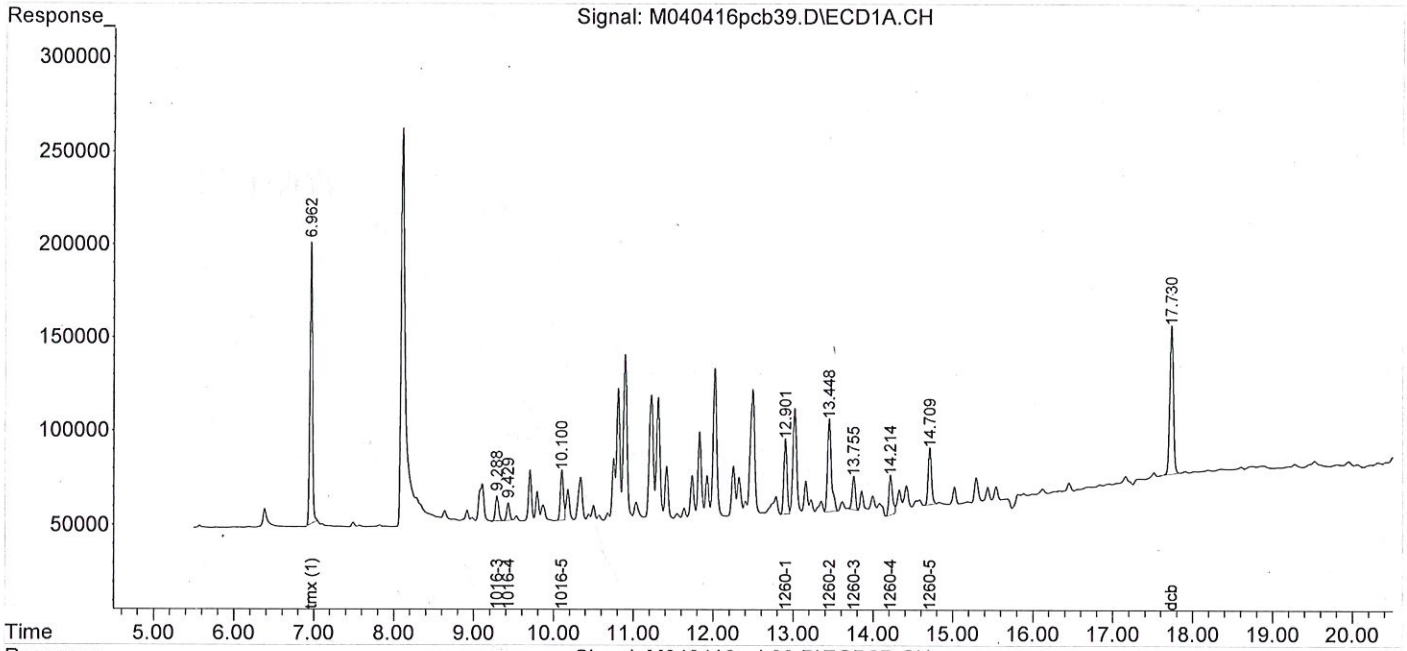
4/6/16

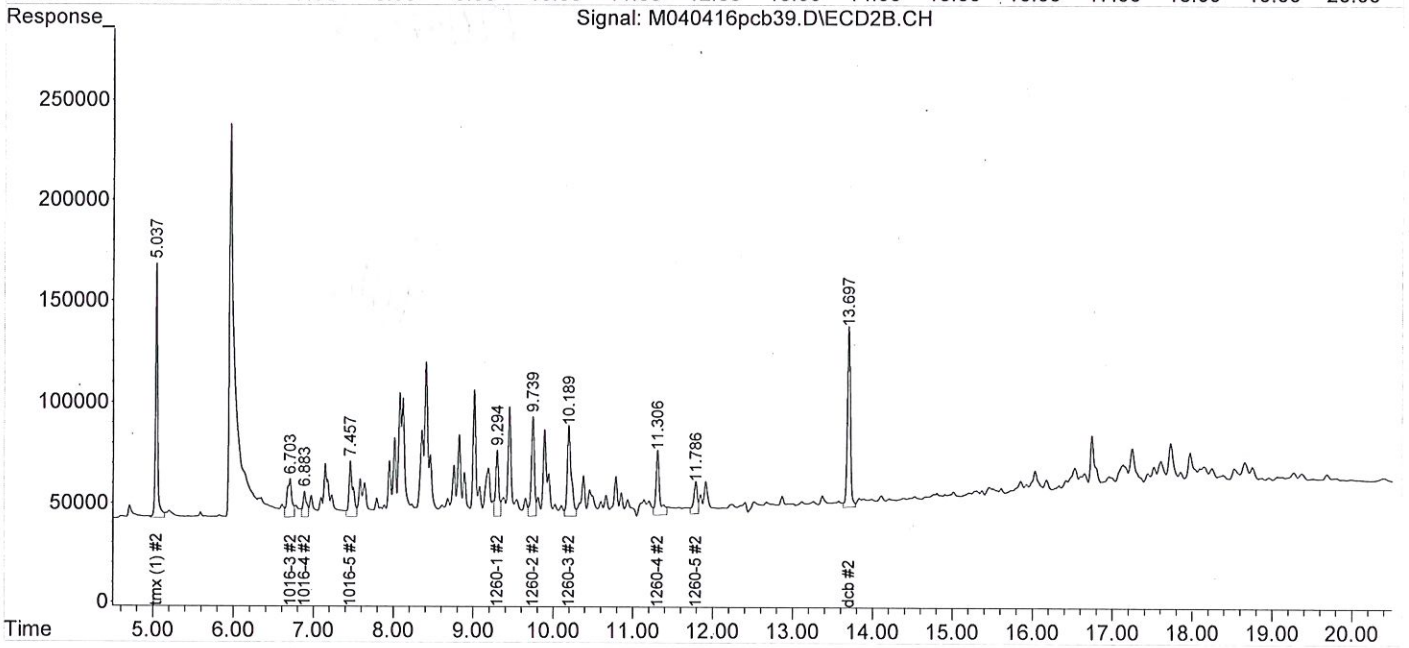
Quantitation Report (Not Reviewed)

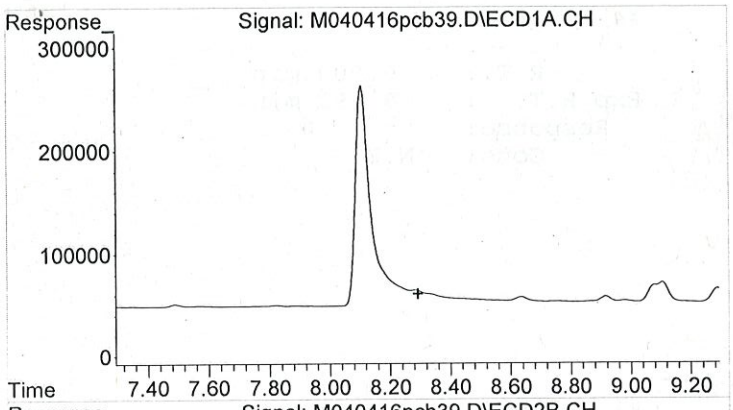
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb39.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:06 am
Operator : DWOOD
Sample : 16124010
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 33 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:28:57 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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

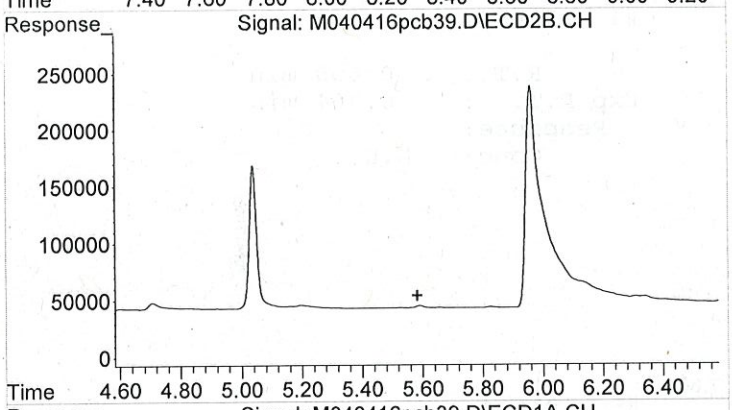






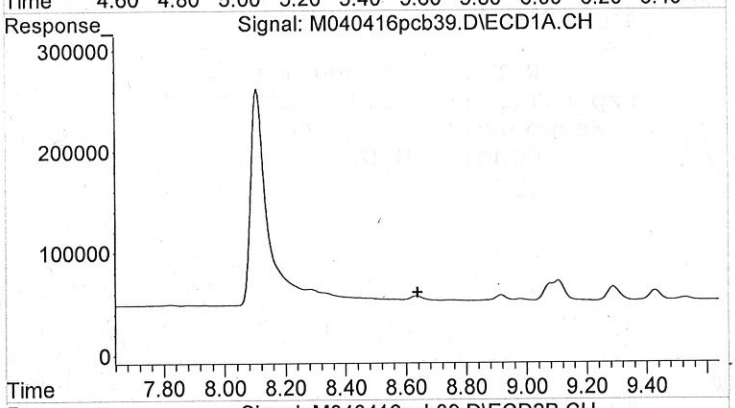
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 8.293 min
Response: 0
Conc: N.D.



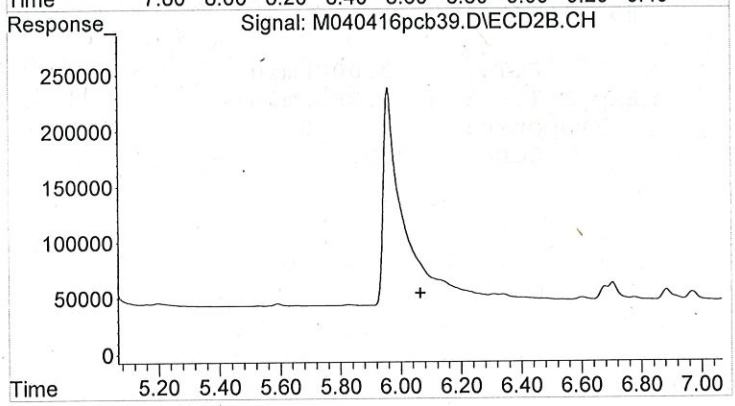
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.583 min
Response: 0
Conc: N.D.



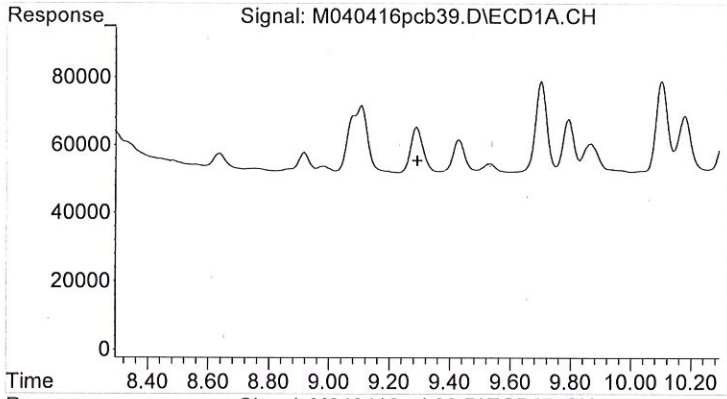
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.639 min
Response: 0
Conc: N.D.



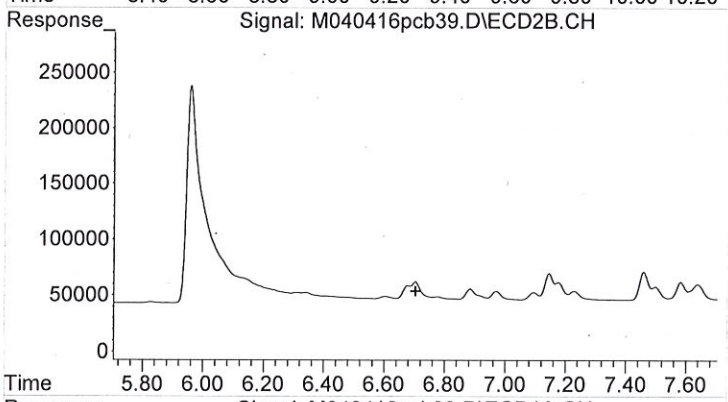
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 6.066 min
Response: 0
Conc: N.D.



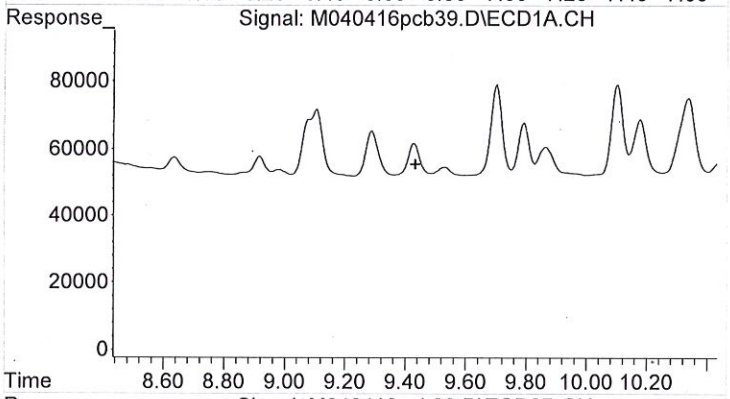
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.292 min
Response: 0
Conc: N.D.



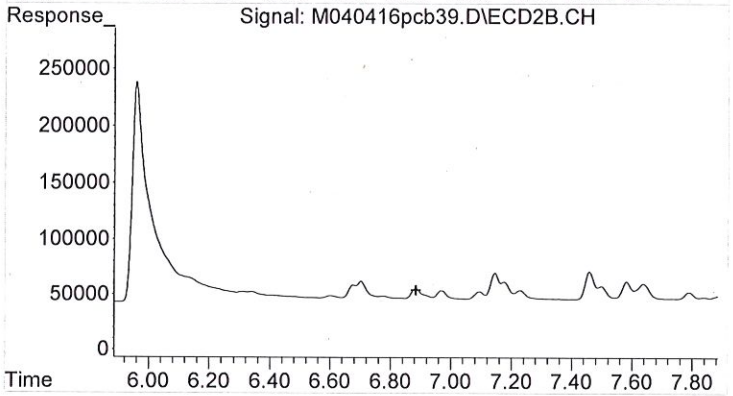
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.704 min
Response: 0
Conc: N.D.



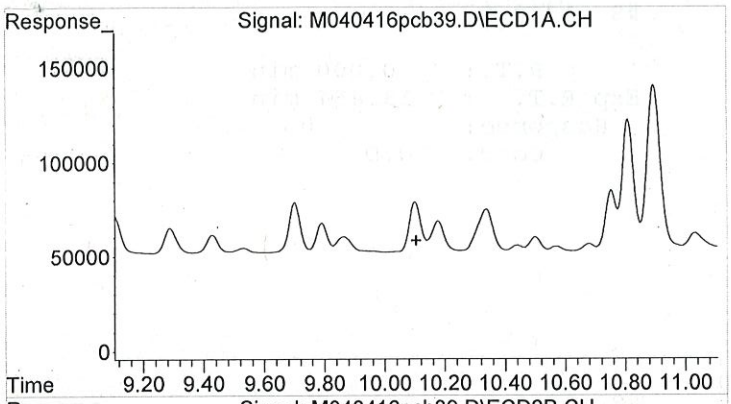
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.434 min
Response: 0
Conc: N.D.



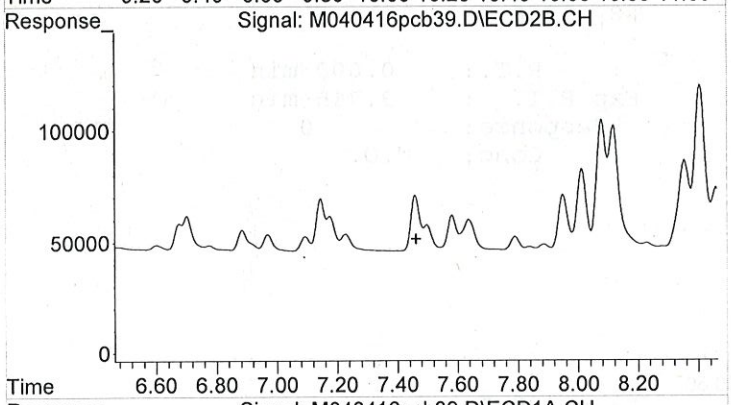
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



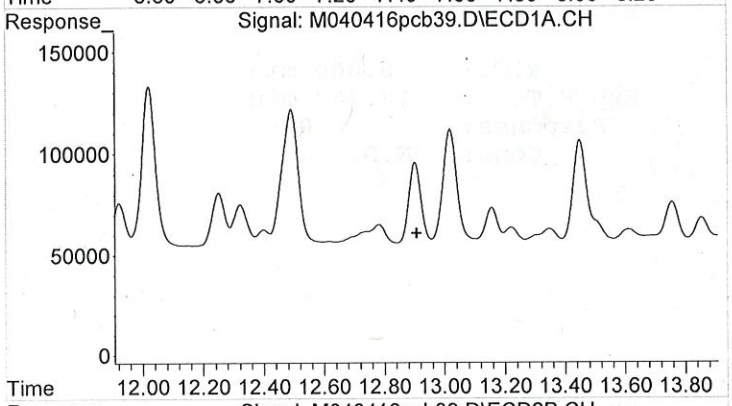
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 10.106 min
Response: 0
Conc: N.D.



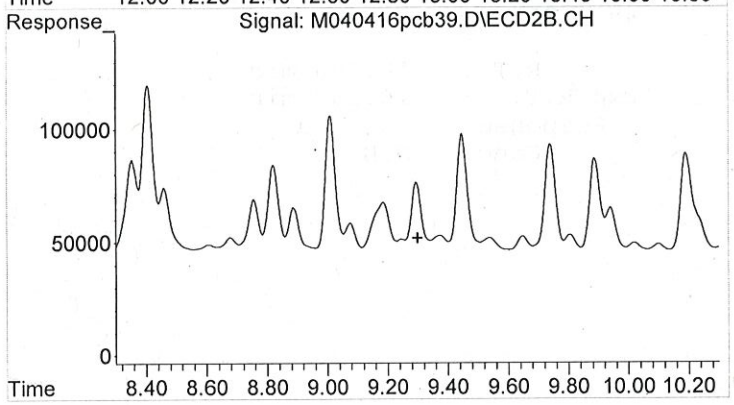
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



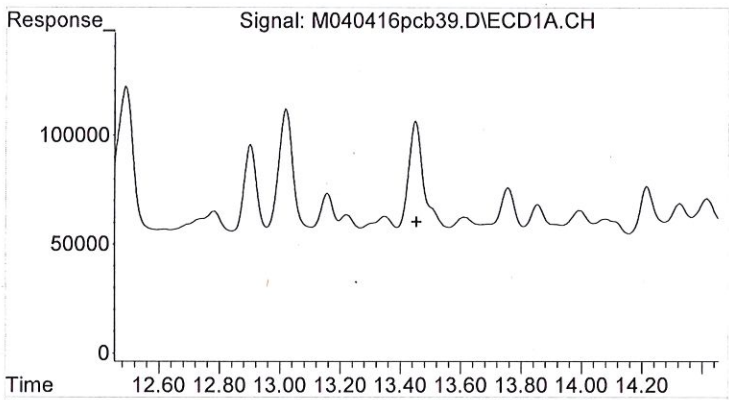
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.907 min
Response: 0
Conc: N.D.



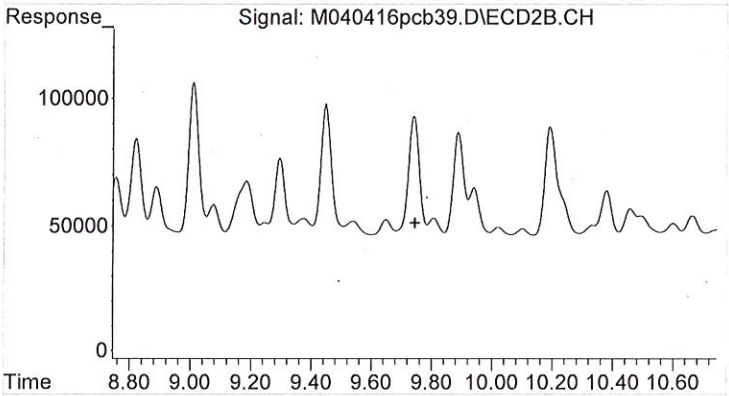
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 9.300 min
Response: 0
Conc: N.D.



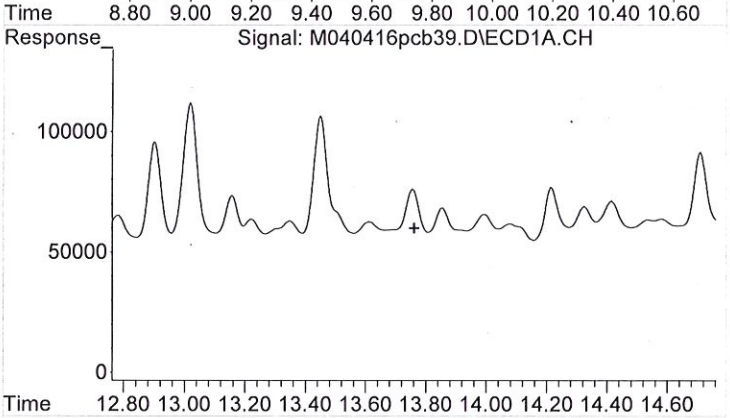
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 13.454 min
Response: 0
Conc: N.D.



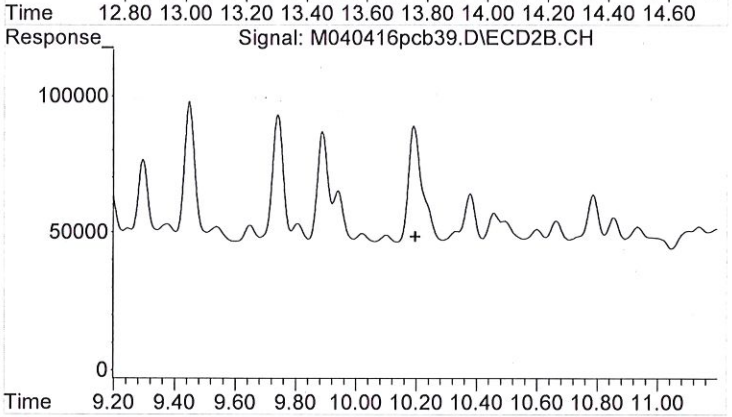
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.745 min
Response: 0
Conc: N.D.



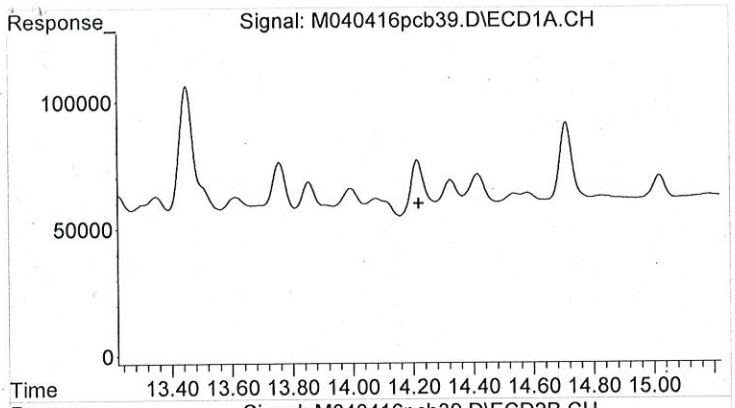
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.762 min
Response: 0
Conc: N.D.



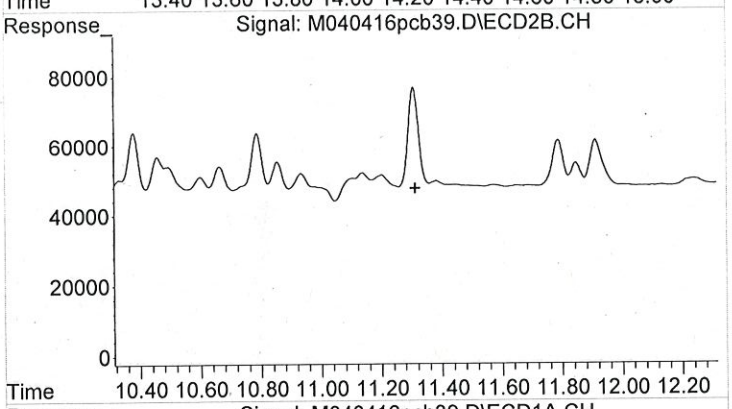
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 10.197 min
Response: 0
Conc: N.D.



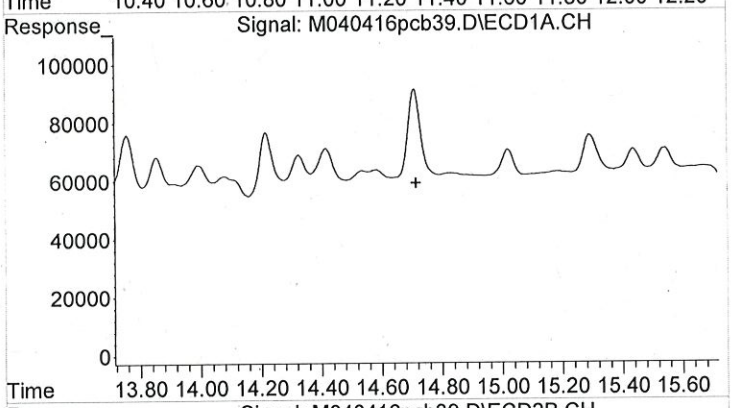
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.221 min
Response: 0
Conc: N.D.



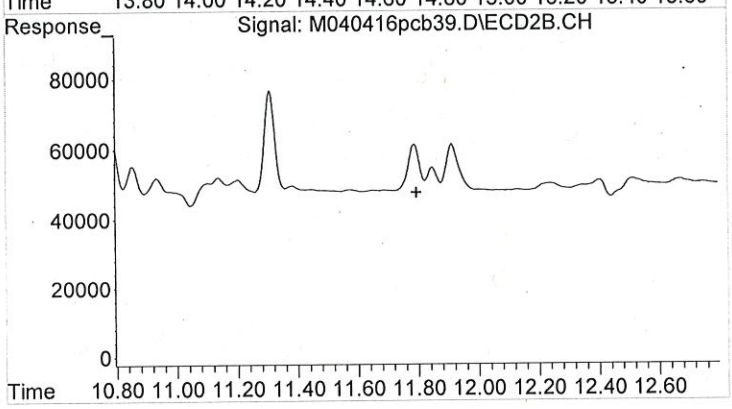
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 11.313 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 14.715 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 11.795 min
Response: 0
Conc: N.D.

PCB Sample Results Summary

Sample.....: 16124010
Data File....: M040416pcb39.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/05/2016 3:06
Type.....: 0

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: na

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 mL
Dilution.....: 1x D0

Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB1242.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M040416pcb39.D

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)	-	-	-					
7	25	1000	dcb	-	-	-	d				
9	25	1000	tmx (1) #2	-	-	-					
15	25	1000	dcb #2	-	-	-	d				
2	25	1000	1242 -1	8.63	8.64	7866		-	4.5	2.5 ug (RL)	U
3	25	1000	1242-2	9.10	9.11	21537		-	7.8	2.5 ug (RL)	U
4	25	1000	1242-3	9.70	9.71	28183		-	40	4.0 ug	
5	25	1000	1242-4	10.34	10.34	23773		-	30	3.0 ug	
6	25	1000	1242-5	11.22	11.23	66833		-	93	9.3 ug	
10	25	1000	1242 -1 #2	6.70	6.70	19257		-	18	2.5 ug (RL)	U
11	25	1000	1242-2 #2	6.88	6.88	12793		-	18	2.5 ug (RL)	U
12	25	1000	1242-3 #2	7.46	7.46	27869		-	55	5.5 ug	
13	25	1000	1242-4 #2	8.12	8.12	58903		-	137	14 ug	
14	25	1000	1242-5 #2	8.41	8.41	76567		-	250	25 ug	

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]	
53469219	1242 Column 1	5.4	ug	3	62 %		Results will be reported from Column 1
53469219	1242 Column 2	15	ug	3	66 %	93 %	

[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.

Generated Tue Apr 12 10:38:33 2016

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb39.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:06 am
Operator : DWOOD
Sample : 16124010
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 33 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:30:46 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	8.634	6.702	7866	19257	4.544	18.115 #
3) L1 1242-2	9.103	6.884	21537	12793	7.823	18.384 #
4) L1 1242-3	9.700	7.459	28183	27869	39.504	54.975 #
5) L1 1242-4	10.336	8.116	23773	58903	30.221	137.324 #
6) L1 1242-5	11.222	8.405	66833	76567	92.624	250.185 #
Sum 1242 -1			148192	195389	174.716	478.984
Average 1242 -1					34.943	95.797

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

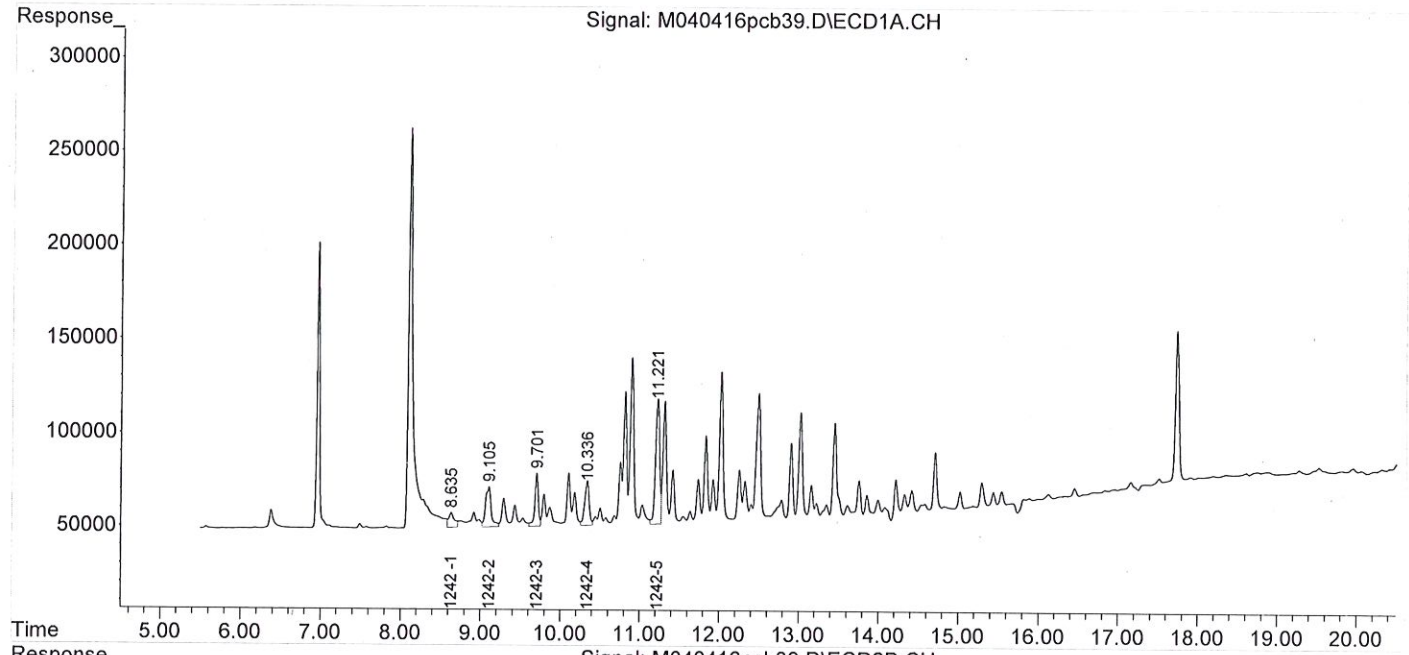
hw 4/12/16

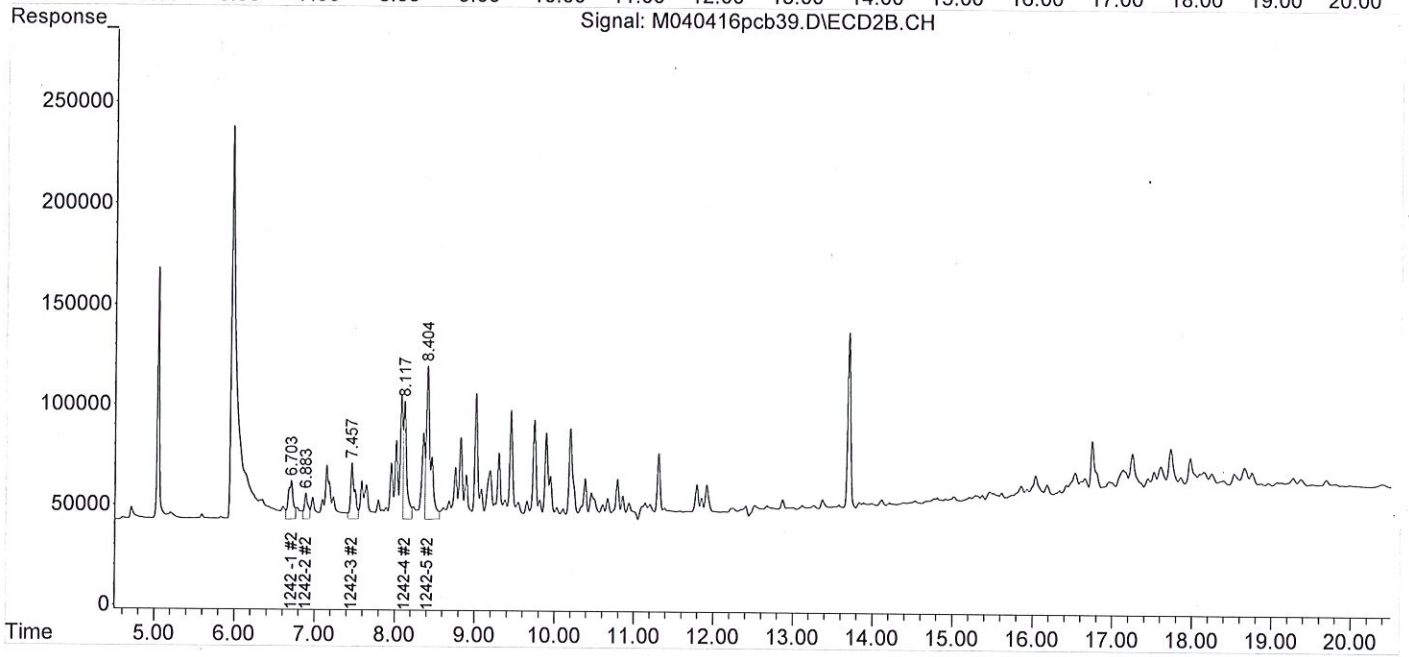
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb39.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:06 am
Operator : DWOOD
Sample : 16124010
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 33 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:30:46 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb39.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:06 am
Operator : DWOOD
Sample : 16124010
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 33 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:59:01 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	11.309	8.228	65500	6315	NoCal	NoCal	
Target Compounds							
2) L1 1242 -1	8.634	6.702	7866	19257	4.544	18.115	#
3) L1 1242-2	9.103	6.884	21537	12793	7.823	18.384	#
4) L1 1242-3	9.700	7.459	28183	27869	39.504	54.975	#
5) L1 1242-4	10.336	8.116	23773	58903	30.221	137.324	#
6) L1 1242-5	11.222	8.405	66833	76567	92.624	250.185	#
Sum 1242 -1			148192	195389	174.716	478.984	
Average 1242 -1					34.943	95.797	

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

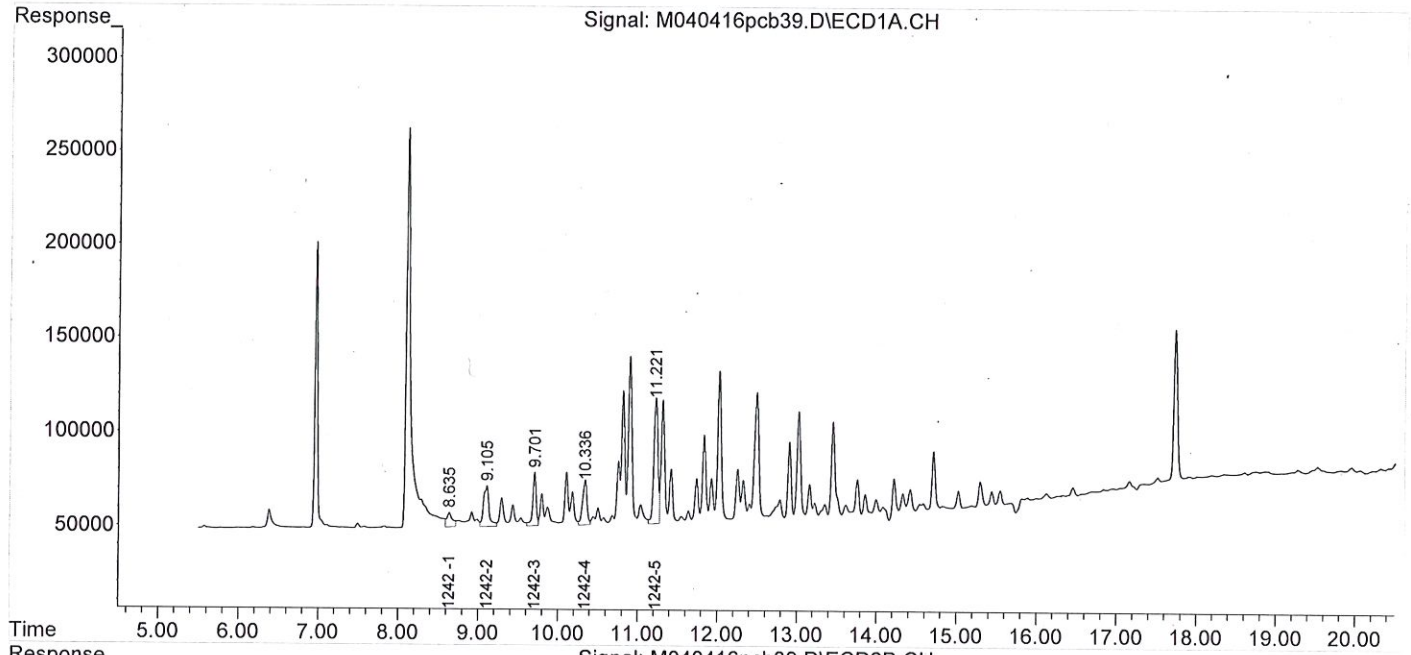
4/11/16

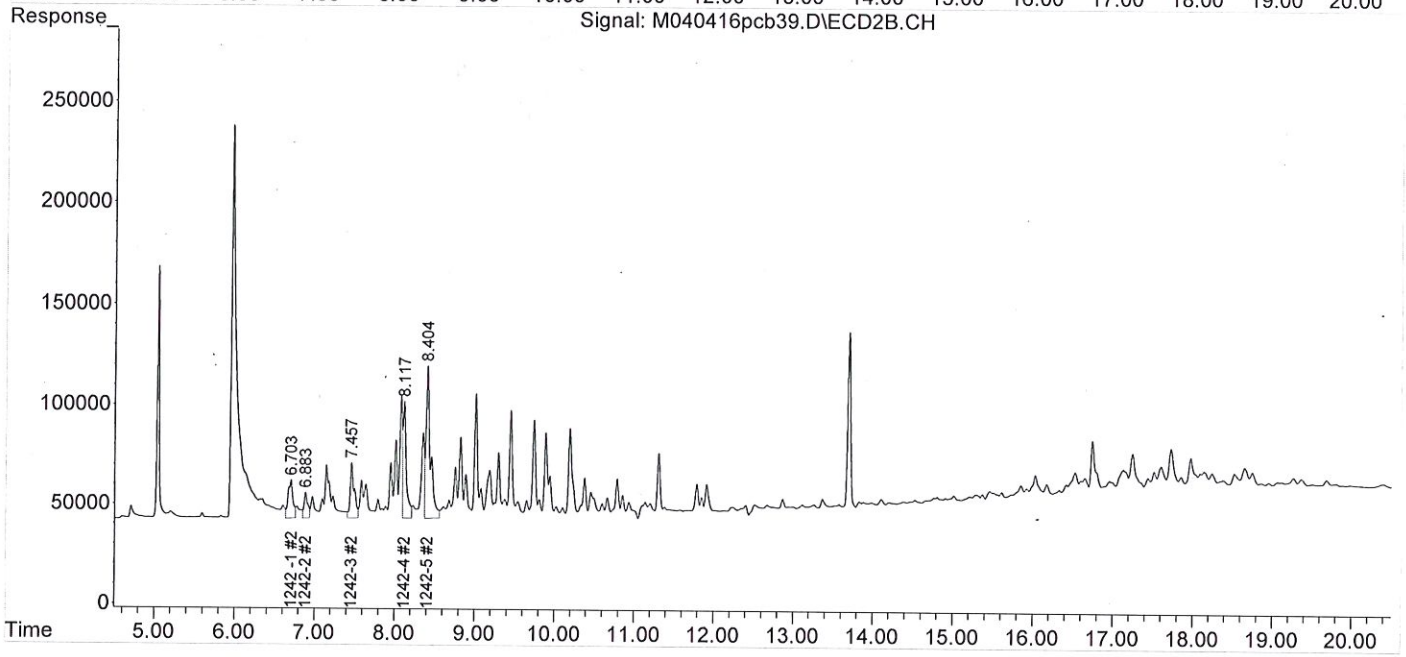
Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb39.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:06 am
Operator : DWOOD
Sample : 16124010
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 33 (Sig #2) Sample Multiplier: 1

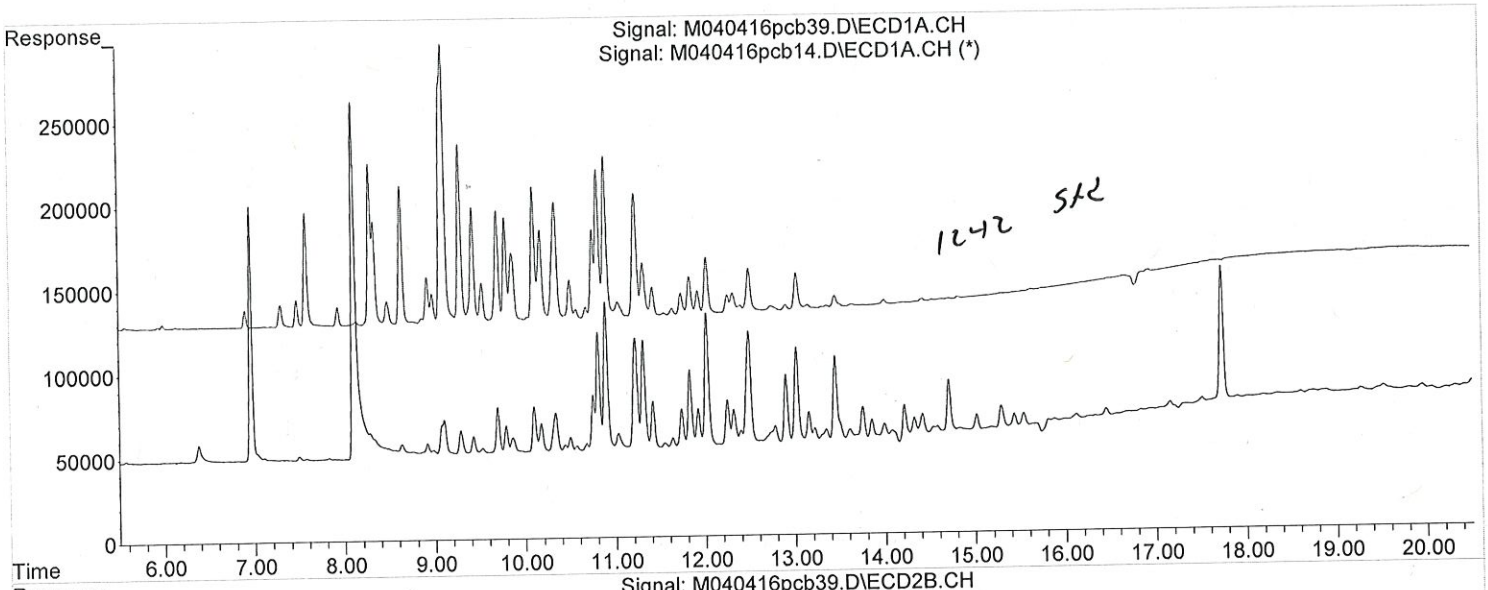
Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:59:01 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

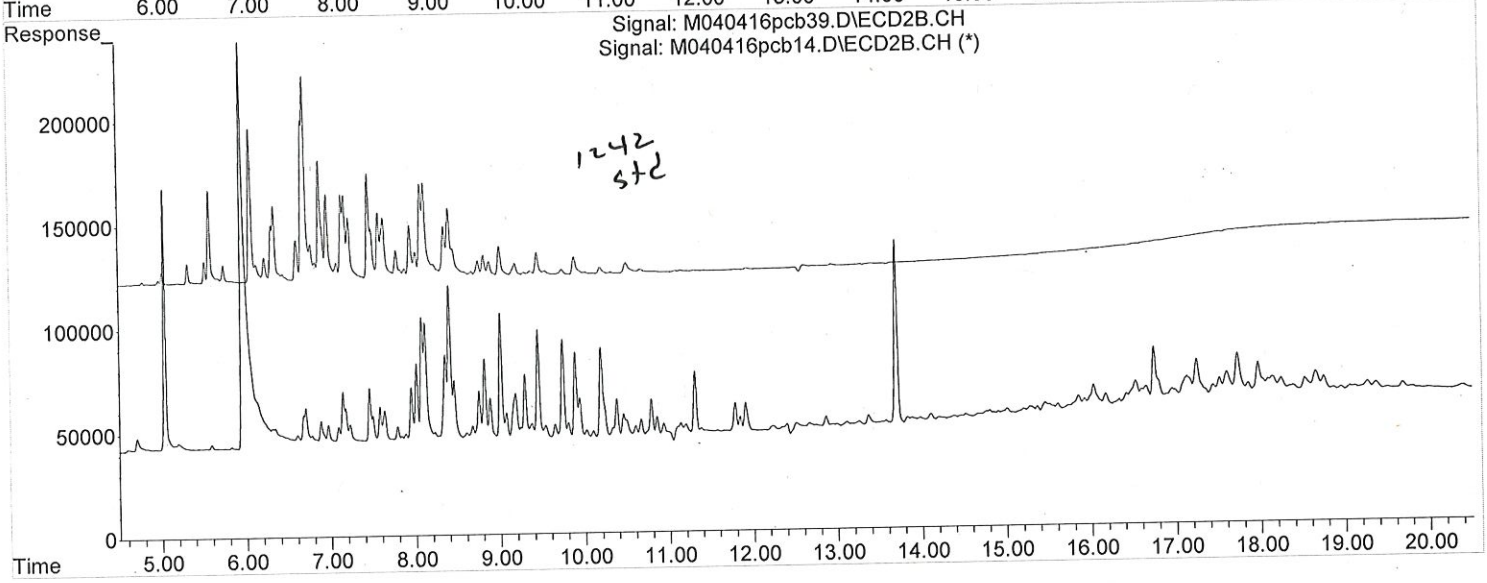
Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

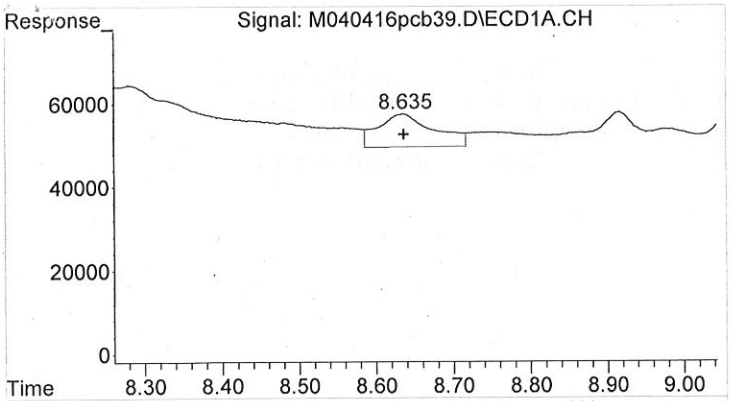




File :J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M0404
... 16pcb39.D
Operator : DWOOD
Instrument : Minerva
Acquired : 05 Apr 2016 3:06 am using AcqMethod M040116PCBEXTBAKE.M
Sample Name: 16124010
Misc Info : Sky Valley PCB Wipe 100mL fv

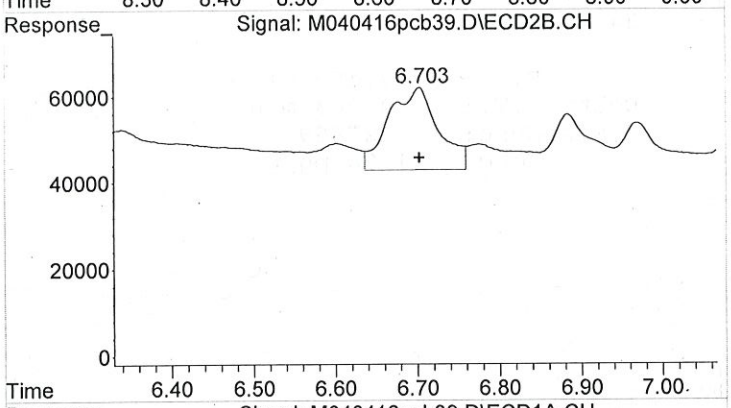






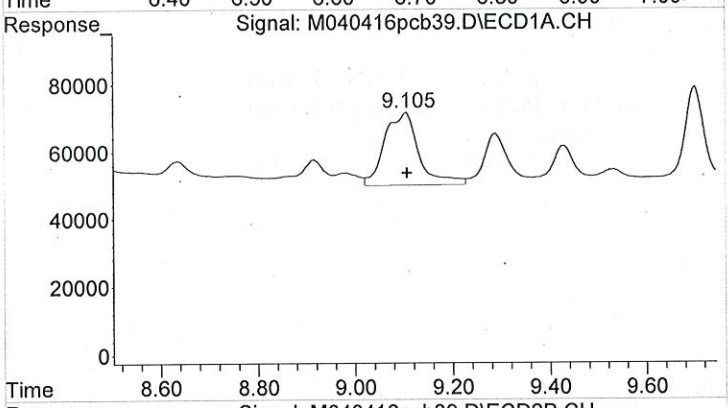
#2 1242 -1

R.T.: 8.634 min
Delta R.T.: -0.003 min
Response: 7866
Conc: 4.54 pg/uL



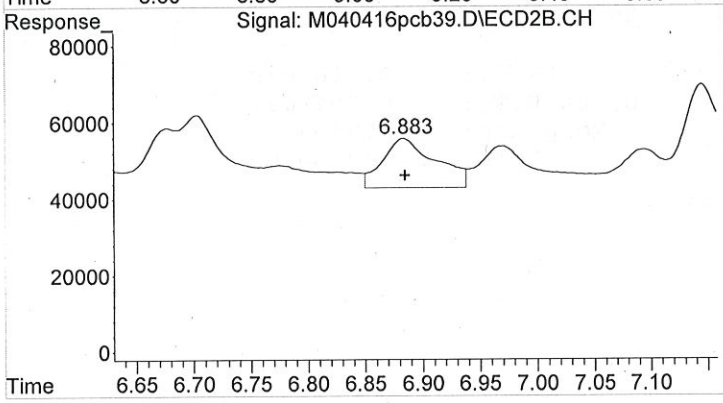
#2 1242 -1

R.T.: 6.702 min
Delta R.T.: -0.001 min
Response: 19257
Conc: 18.12 pg/uL



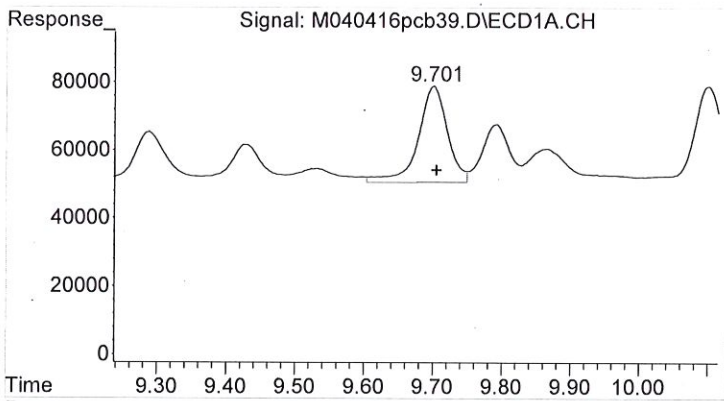
#3 1242-2

R.T.: 9.103 min
Delta R.T.: -0.004 min
Response: 21537
Conc: 7.82 pg/uL



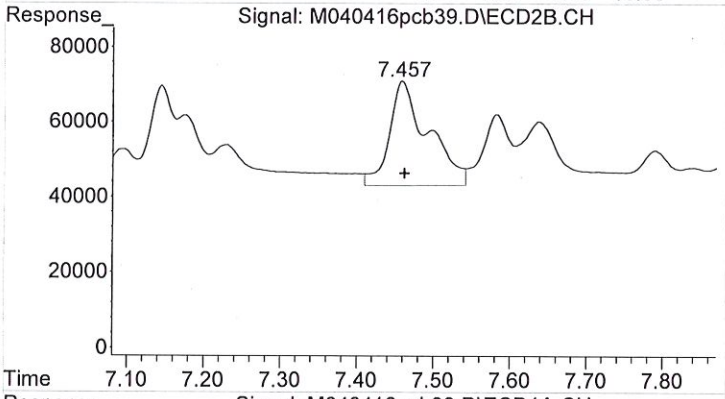
#3 1242-2

R.T.: 6.884 min
Delta R.T.: -0.001 min
Response: 12793
Conc: 18.38 pg/uL



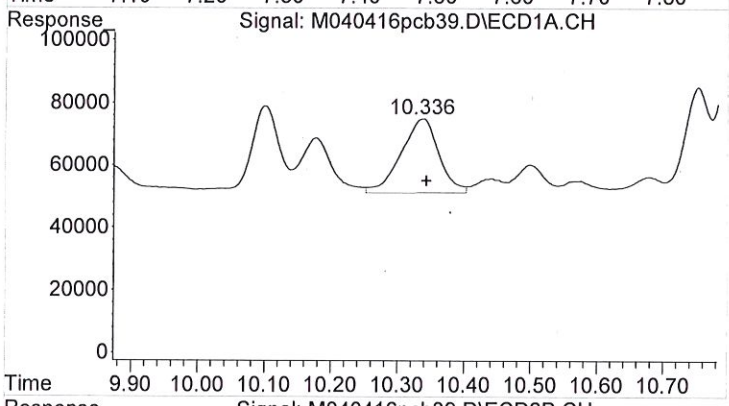
#4 1242-3

R.T.: 9.700 min
Delta R.T.: -0.005 min
Response: 28183
Conc: 39.50 pg/uL



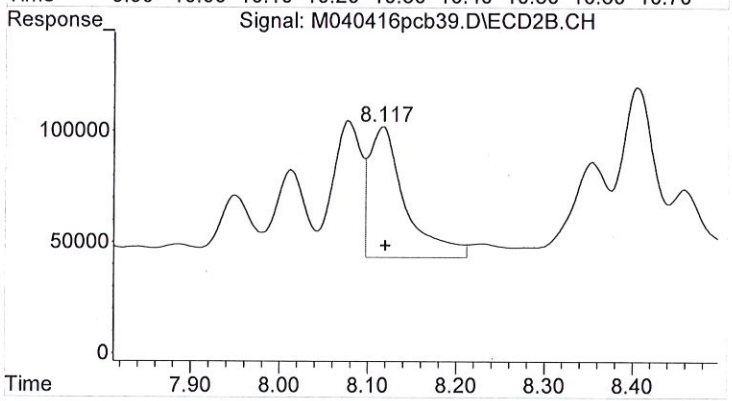
#4 1242-3

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 27869
Conc: 54.98 pg/uL



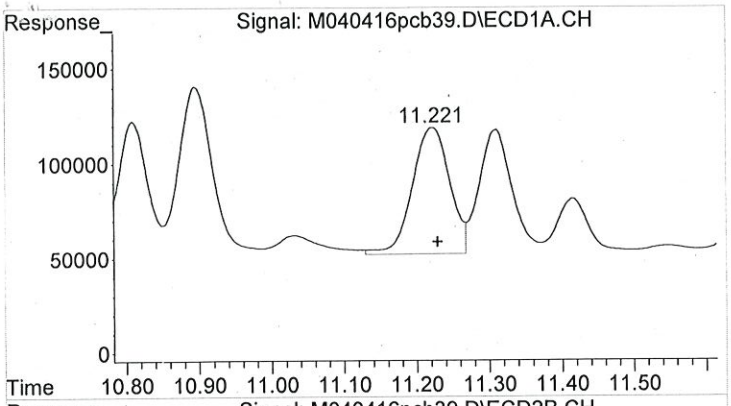
#5 1242-4

R.T.: 10.336 min
Delta R.T.: -0.007 min
Response: 23773
Conc: 30.22 pg/uL



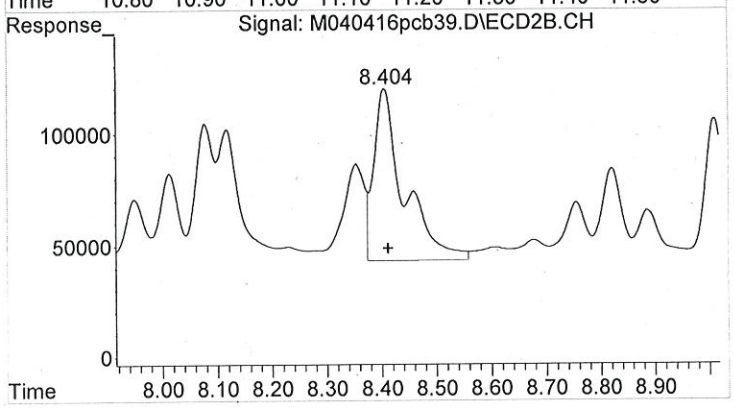
#5 1242-4

R.T.: 8.116 min
Delta R.T.: -0.004 min
Response: 58903
Conc: 137.32 pg/uL



#6 1242-5

R.T.: 11.222 min
Delta R.T.: -0.007 min
Response: 66833
Conc: 92.62 pg/uL



#6 1242-5

R.T.: 8.405 min
Delta R.T.: -0.007 min
Response: 76567
Conc: 250.18 pg/uL

PCB Sample Results Summary

Sample.....: 16124011
Data File....: M041316pcb04.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/13/2016 10:46
Type.....: 0
Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M041316PCBDW\M041316pcb04.D

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: 4

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 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	100	tmx (1)	6.96	6.97	167326		5	4.1	81 %Rec	
12	2.5	100	dcb	17.73	17.74	82219	m	5	3.2	64 %Rec	
14	2.5	100	tmx (1) #2	5.04	5.04	153918		5	5.6	111 %Rec	
25	2.5	100	dcb #2	13.70	13.70	92141		5	5.3	105 %Rec	
2	25	1000	1016 -1	-	-	-	d	-	-	2.5 ug (RL)	U
3	25	1000	1016-2	-	-	-	d	-	-	2.5 ug (RL)	U
4	25	1000	1016-3	-	-	-	d	-	-	2.5 ug (RL)	U
5	25	1000	1016-4	-	-	-	d	-	-	2.5 ug (RL)	U
6	25	1000	1016-5	-	-	-	d	-	-	2.5 ug (RL)	U
7	25	1000	1260-1	12.90	12.91	98755		-	51	5.1 ug	
8	25	1000	1260-2	13.45	13.45	115054		-	62	6.2 ug	
9	25	1000	1260-3	13.76	13.76	53247		-	35	3.5 ug	
10	25	1000	1260-4	14.22	14.22	53494		-	36	3.6 ug	
11	25	1000	1260-5	14.71	14.72	100317		-	30	3.0 ug	
15	25	1000	1016 -1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
16	25	1000	1016-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
17	25	1000	1016-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
18	25	1000	1016-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
19	25	1000	1016-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U
20	25	1000	1260-1 #2	9.29	9.30	72775		-	75	7.5 ug	
21	25	1000	1260-2 #2	9.74	9.74	120736		-	90	9.0 ug	
22	25	1000	1260-3 #2	10.19	10.20	109452		-	104	10 ug	
23	25	1000	1260-4 #2	11.31	11.31	102584		-	54	5.4 ug	
24	25	1000	1260-5 #2	11.79	11.80	48612		-	52	5.2 ug	

CAS#	Name	Avg	Unit	n	%RSD	Column RPD²
12674112	1016 Column 1	2.5	ug (RL)	0	NA	
12674112	1016 Column 2	2.5	ug (RL)	0	NA	
11096825	1260 Column 1	4.3	ug	5	31 %	
11096825	1260 Column 2	7.5	ug	5	30 %	54 %

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 Thu Apr 14 15:36:00 2016

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M041316PCBDW\
Data File : M041316pcb04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Apr 2016 10:46 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 79 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 14 14:10:55 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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)	6.962	5.036	167326	153918	4.072	5.556 #
12) S2 dcb	17.733	13.700	82219	92141	3.184m	5.257 #
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	12.903	9.294	98755	72775	51.296	74.781 #
8) L2 1260-2	13.449	9.740	115054	120736	61.982	90.134 #
9) L2 1260-3	13.757	10.192	53247	109452	35.337	104.282 #
10) L2 1260-4	14.215	11.308	53494	102584	36.269	54.493 #
11) L2 1260-5	14.711	11.788	100317	48612	30.145	52.065 #
Sum 1260-1			420867	454159	215.030	375.756
Average 1260-1					43.006	75.151

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

4/14/16

Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M041316PCBDW\
Data File : M041316pcb04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Apr 2016 10:46 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 79 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 14 14:03:32 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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

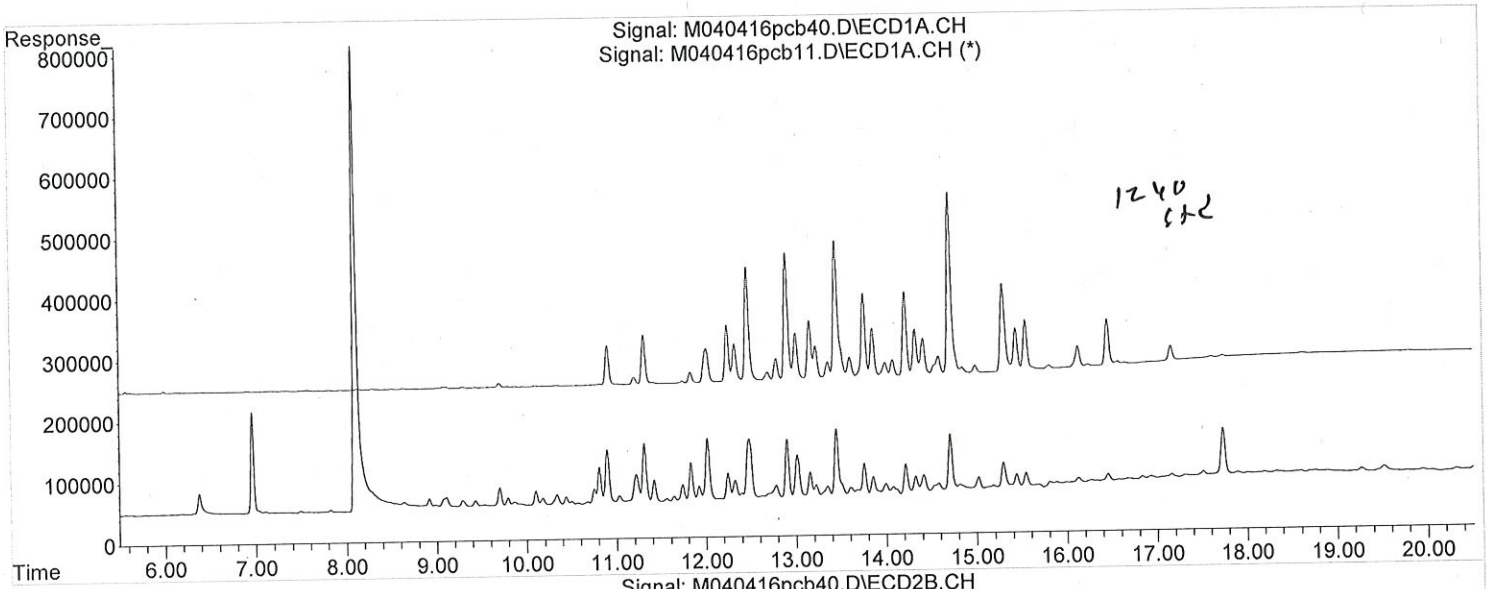
Signal #2 Phase: CLPest2
Signal #2 Info : .32

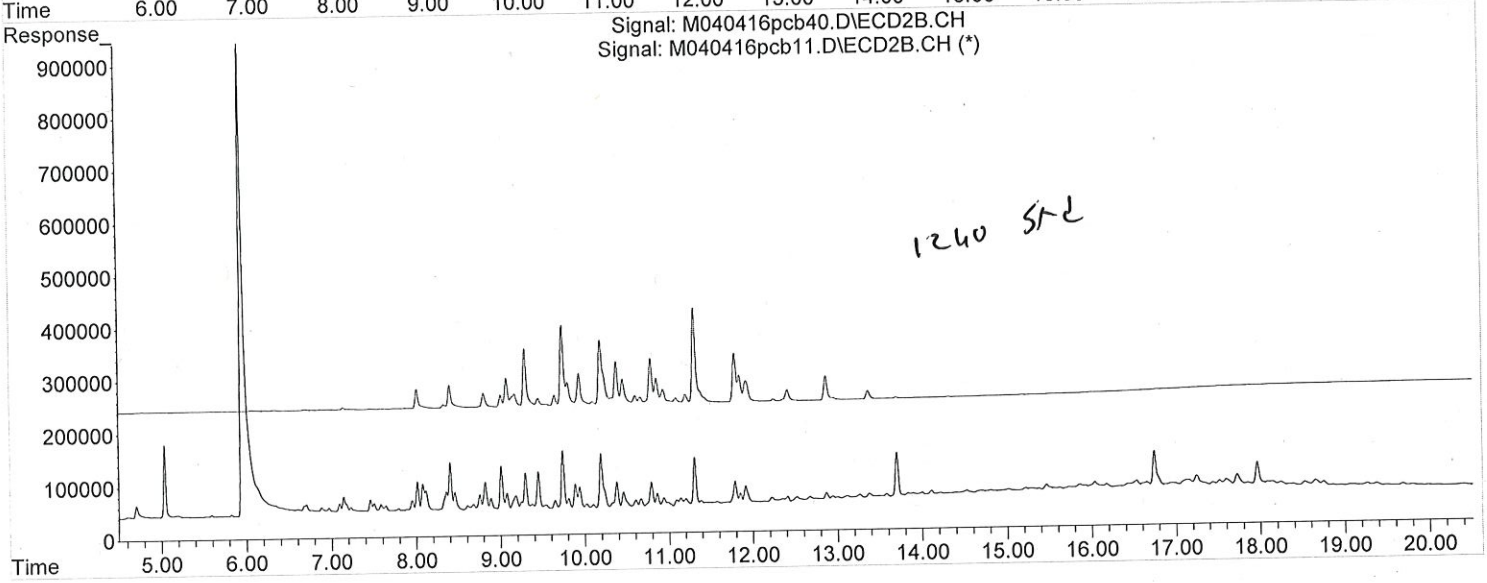
Compound	RT#1	RT#2	Resp#1	Resp#2	pg/uL	pg/uL	
System Monitoring Compounds							
1) S2 tmx (1)	6.962	5.036	167326	153918	4.072	5.556	#
12) S2 dcb	17.733	13.700	108555 B	92141	4.461	5.257	
Target Compounds							
2) L1 1016 -1	0.000	5.589	0	3226	N.D.	N.D.	
3) L1 1016-2	8.635	0.000	8248	0	1.044	N.D.	#
4) L1 1016-3	9.289	6.700	10853	16211	2.570	11.536	#
5) L1 1016-4	9.428	6.882	8968	10071	8.193	10.155	
6) L1 1016-5	10.101	7.458	23408	25272	24.407	41.524	#
Sum 1016 -1			51476	51554	36.214	61.295	
Average 1016 -1					9.053	20.432	
7) L2 1260-1	12.903	9.294	98755	72775	51.296	74.781	#
8) L2 1260-2	13.449	9.740	115054	120736	61.982	90.134	#
9) L2 1260-3	13.757	10.192	53247	109452	35.337	104.282	#
10) L2 1260-4	14.215	11.308	53494	102584	36.269	54.493	#
11) L2 1260-5	14.711	11.788	100317	48612	30.145	52.065	#
Sum 1260-1			420867	454159	215.030	375.756	
Average 1260-1					43.006	75.151	

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

4/14/16

File :J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\M040416pc
... b40.D
Operator : DWOOD
Instrument : Minerva
Acquired : 05 Apr 2016 3:41 am using AcqMethod M040116PCBEXTBAKE.M
Sample Name: 16124011
Misc Info : Sky Valley PCB Wipe 100mL fv



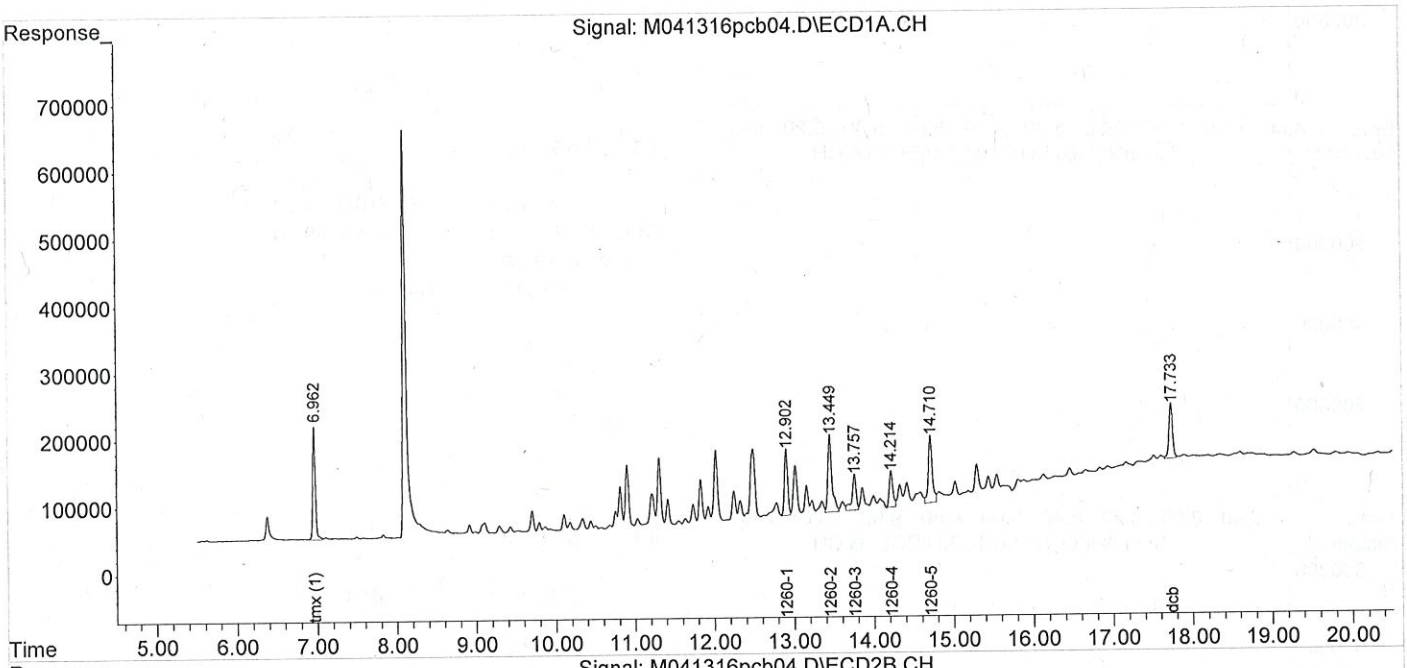


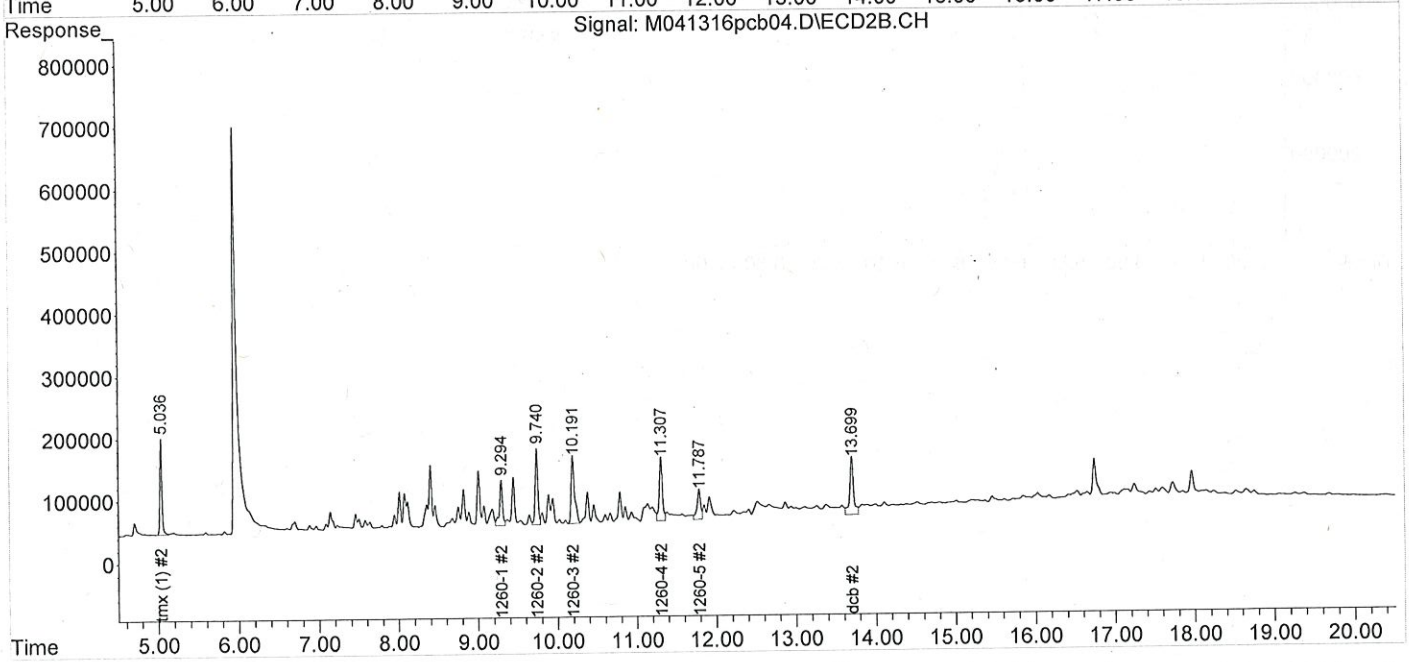
Quantitation Report (QT Reviewed)

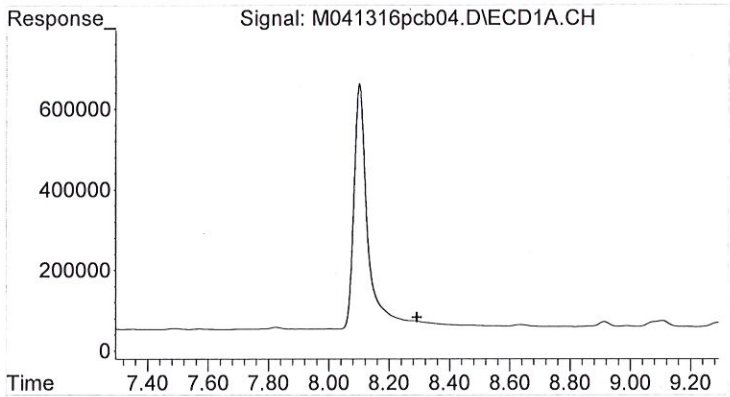
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M041316PCBDW\
Data File : M041316pcb04.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Apr 2016 10:46 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 79 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 14 14:10:55 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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

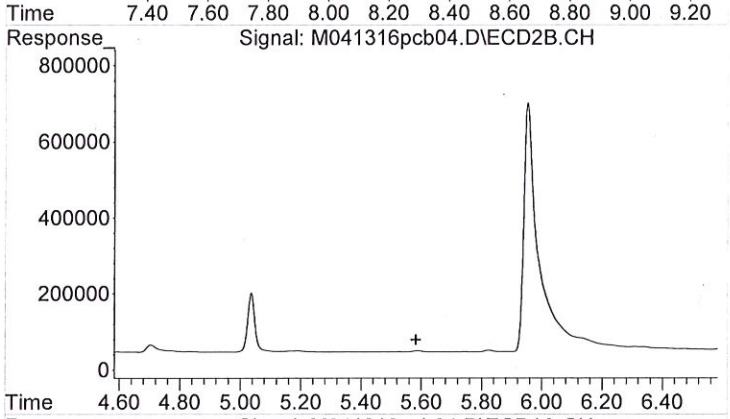






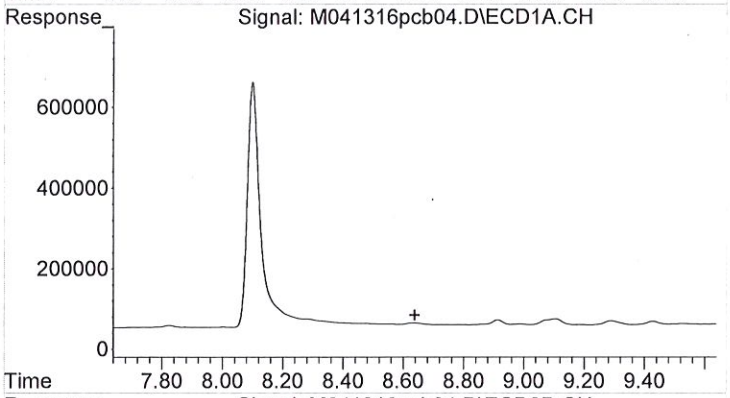
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 8.293 min
Response: 0
Conc: N.D.



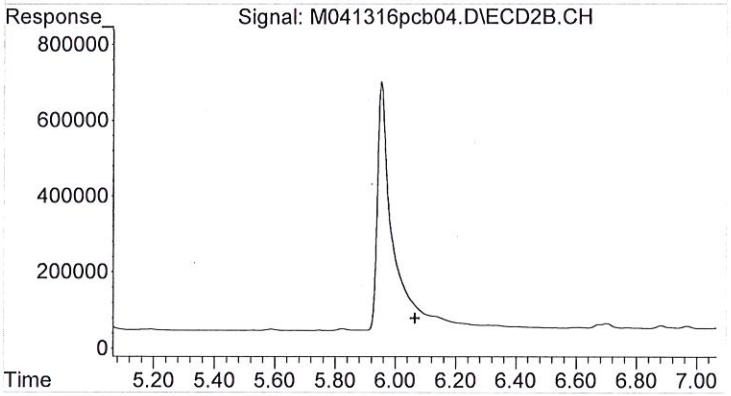
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.583 min
Response: 0
Conc: N.D.



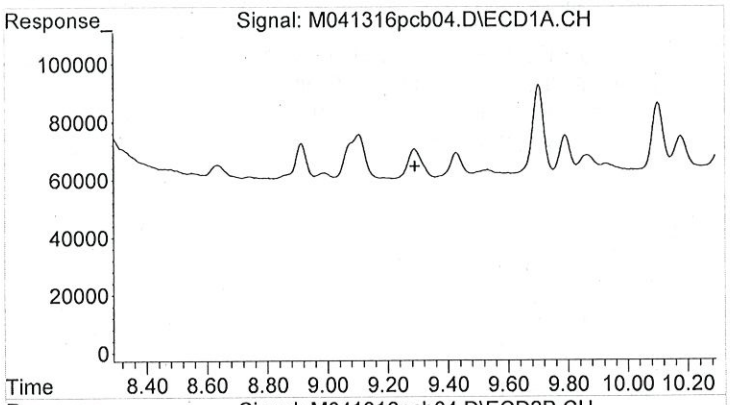
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.639 min
Response: 0
Conc: N.D.



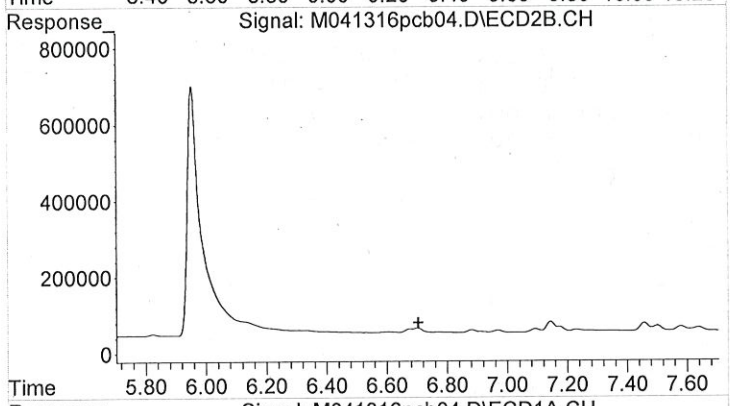
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 6.066 min
Response: 0
Conc: N.D.



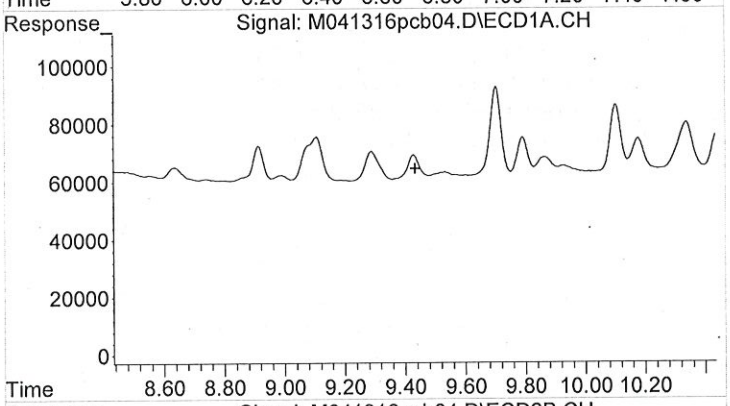
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.292 min
Response: 0
Conc: N.D.



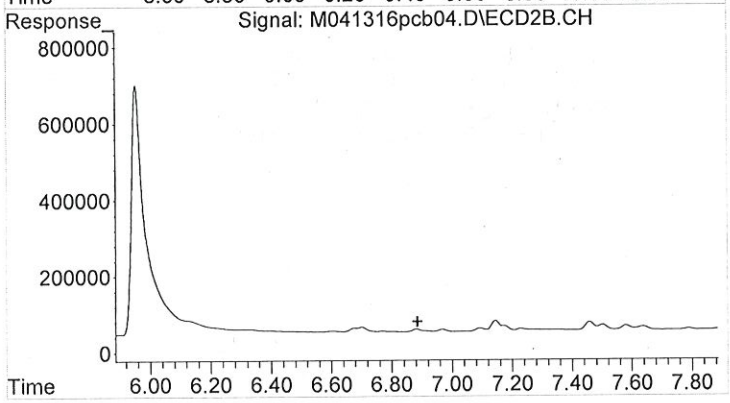
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.704 min
Response: 0
Conc: N.D.



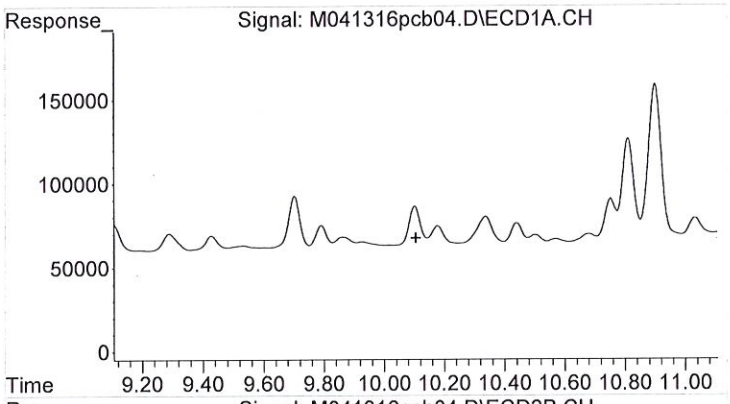
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.434 min
Response: 0
Conc: N.D.



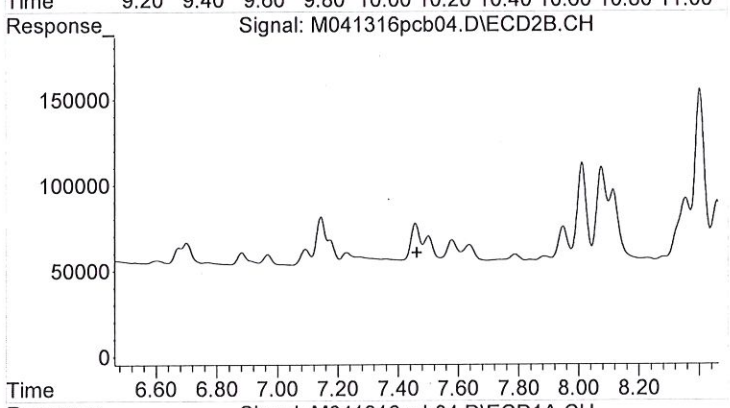
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



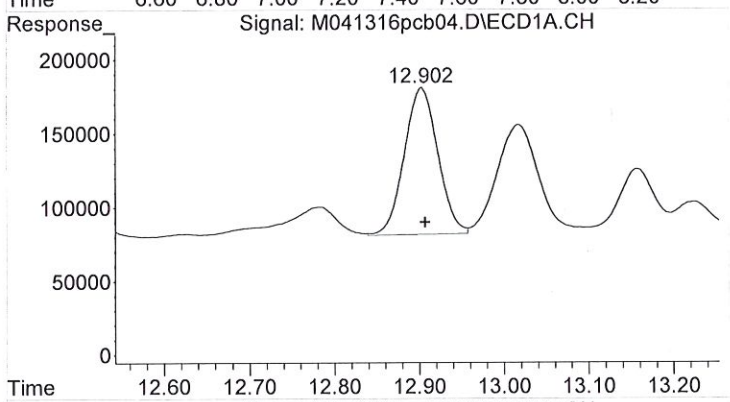
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 10.106 min
Response: 0
Conc: N.D.



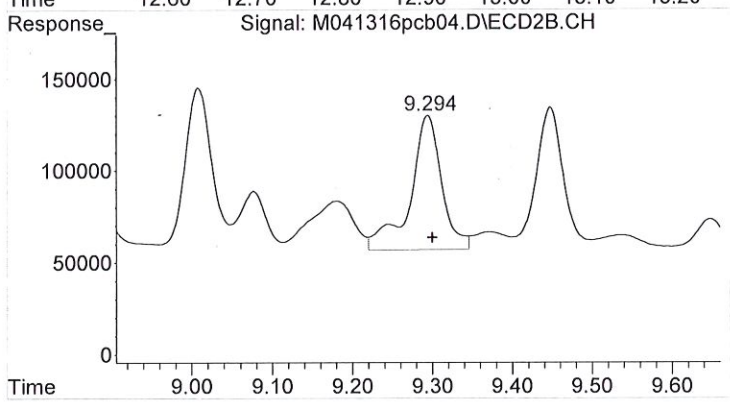
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



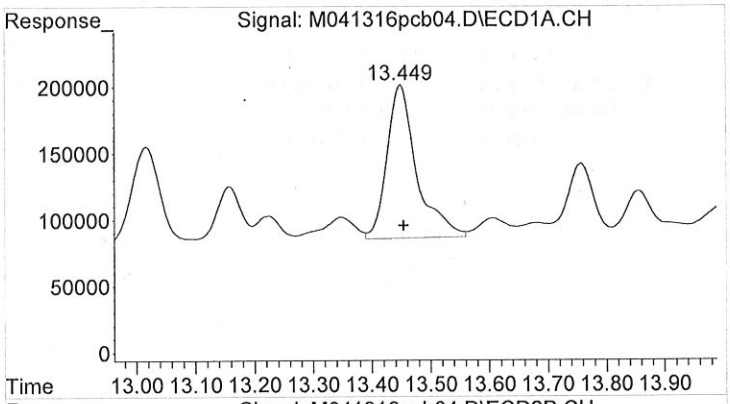
#7 1260-1

R.T.: 12.903 min
Delta R.T.: -0.004 min
Response: 98755
Conc: 51.30 pg/uL



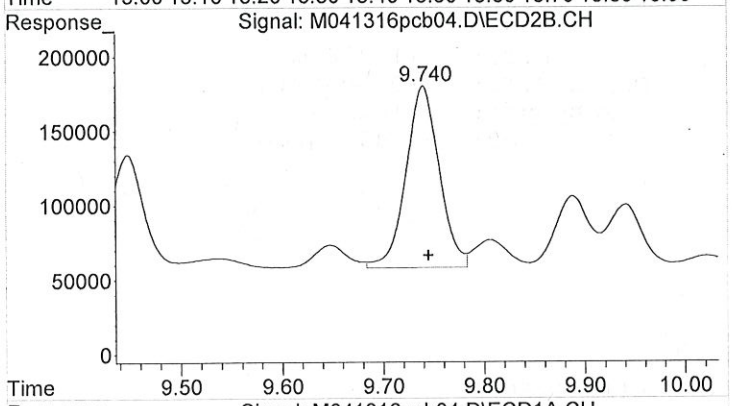
#7 1260-1

R.T.: 9.294 min
Delta R.T.: -0.006 min
Response: 72775
Conc: 74.78 pg/uL



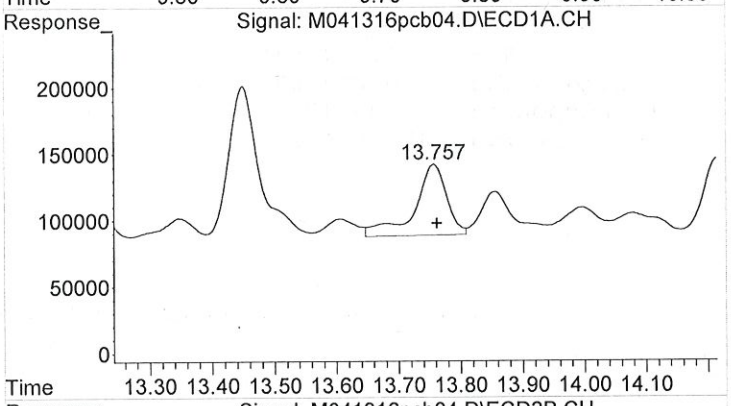
#8 1260-2

R.T.: 13.449 min
Delta R.T.: -0.005 min
Response: 115054
Conc: 61.98 pg/uL



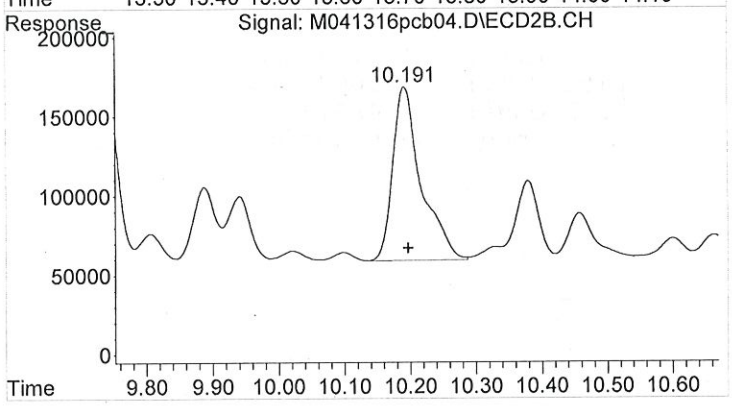
#8 1260-2

R.T.: 9.740 min
Delta R.T.: -0.005 min
Response: 120736
Conc: 90.13 pg/uL



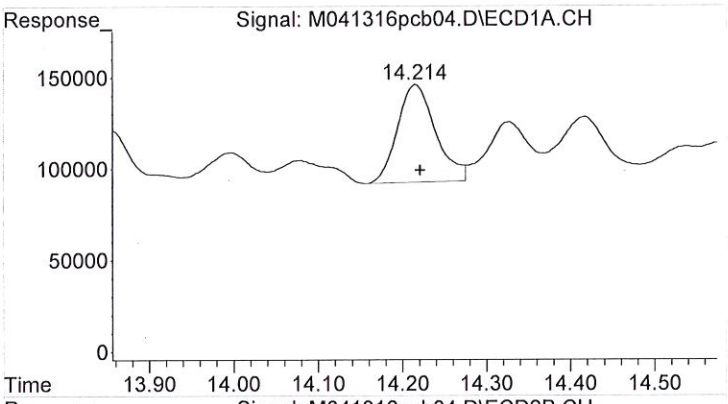
#9 1260-3

R.T.: 13.757 min
Delta R.T.: -0.005 min
Response: 53247
Conc: 35.34 pg/uL



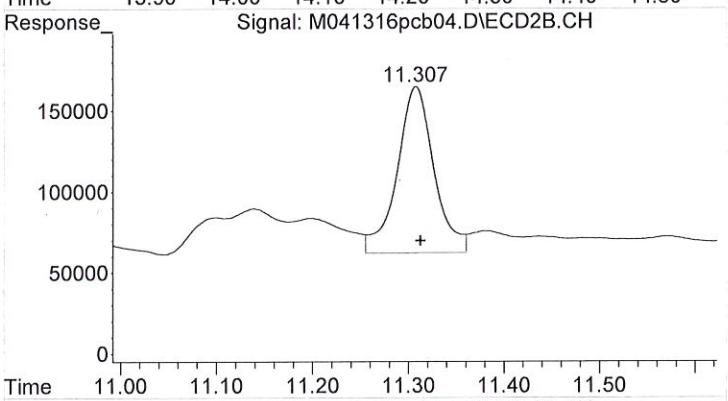
#9 1260-3

R.T.: 10.192 min
Delta R.T.: -0.005 min
Response: 109452
Conc: 104.28 pg/uL



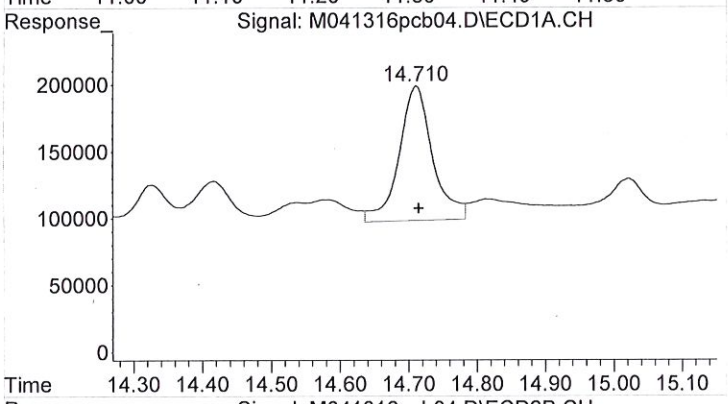
#10 1260-4

R.T.: 14.215 min
Delta R.T.: -0.006 min
Response: 53494
Conc: 36.27 pg/uL



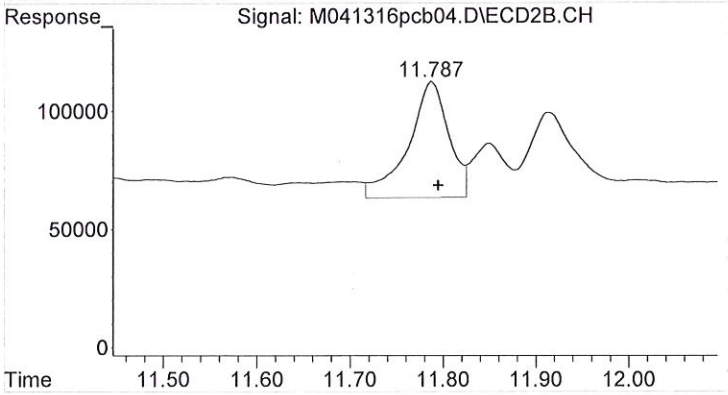
#10 1260-4

R.T.: 11.308 min
Delta R.T.: -0.005 min
Response: 102584
Conc: 54.49 pg/uL



#11 1260-5

R.T.: 14.711 min
Delta R.T.: -0.004 min
Response: 100317
Conc: 30.15 pg/uL



#11 1260-5

R.T.: 11.788 min
Delta R.T.: -0.007 min
Response: 48612
Conc: 52.07 pg/uL

PCB Sample Results Summary

Sample.....: 16124011
Data File....: M040416pcb40.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/05/2016 3:41
Type.....: 0
Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB1242.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M040416pcb40.D

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: na

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 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)	-	-	-					
7	25	1000	dcb	-	-	-	d				
9	25	1000	tmx (1) #2	-	-	-					
15	25	1000	dcb #2	-	-	-	d				
2	25	1000	1242 -1	8.64	8.64	12432		-	10	2.5 ug (RL)	U
3	25	1000	1242-2	9.11	9.11	18073		-	5.6	2.5 ug (RL)	U
4	25	1000	1242-3	9.70	9.71	31227		-	45	4.5 ug	
5	25	1000	1242-4	10.34	10.34	16498		-	19	2.5 ug (RL)	U
6	25	1000	1242-5	11.22	11.23	45256		-	61	6.1 ug	
10	25	1000	1242 -1 #2	6.70	6.70	18760		-	18	2.5 ug (RL)	U
11	25	1000	1242-2 #2	6.88	6.88	12644		-	18	2.5 ug (RL)	U
12	25	1000	1242-3 #2	7.46	7.46	24821		-	48	4.8 ug	
13	25	1000	1242-4 #2	8.12	8.12	39161	m	-	90	9.0 ug	
14	25	1000	1242-5 #2	8.40	8.41	92322		-	302	30 ug	

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]	
53469219	1242 Column 1	5.3	ug	2	22 %		Results will be reported from Column 1
53469219	1242 Column 2	15	ug	3	93 %	95 %	

[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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb40.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:41 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 34 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:32:41 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	8.636	6.702	12432	18760	10.353	17.582 #
3) L1 1242-2	9.106	6.884	18073	12644	5.648	18.102 #
4) L1 1242-3	9.702	7.460	31227	24821	44.545	48.402
5) L1 1242-4	10.337	8.115	16498	39161	19.258	90.357m#
6) L1 1242-5	11.219	8.404	45256	92322	60.732	302.484 #
Sum 1242 -1			123486	187709	140.535	476.927
Average 1242 -1					28.107	95.385

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

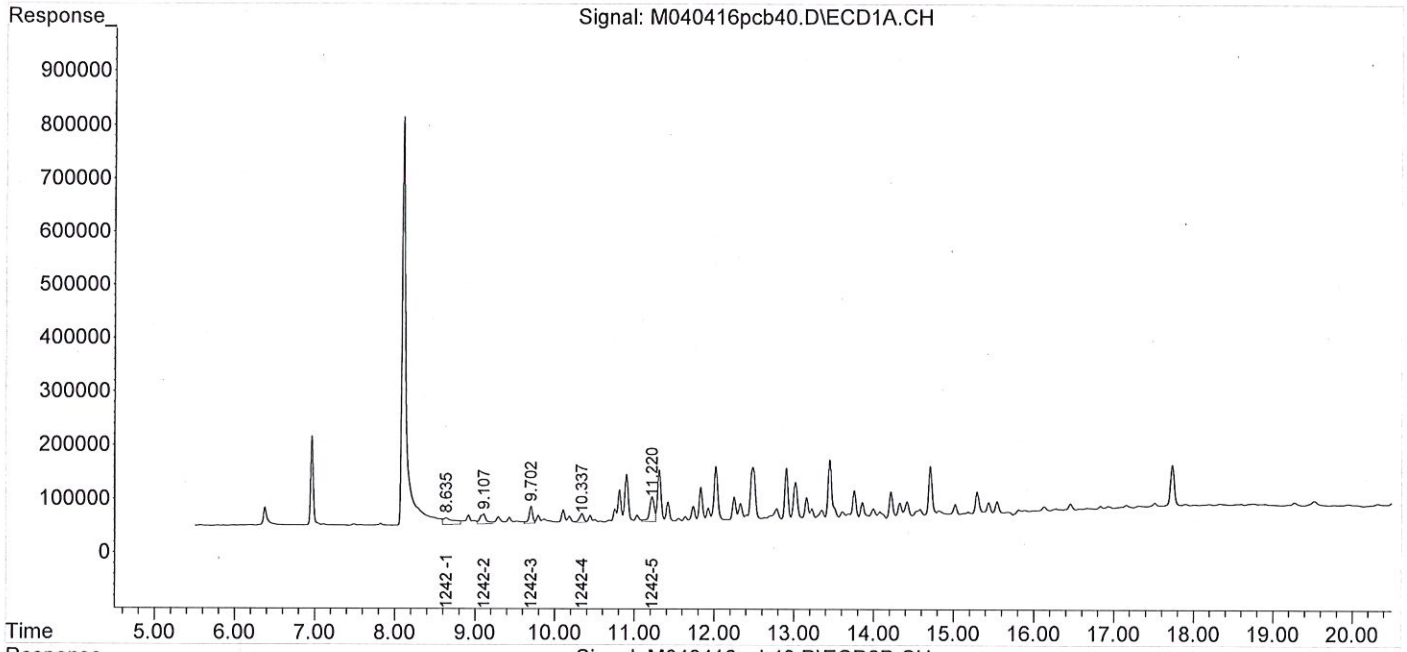
LW 4/18/16

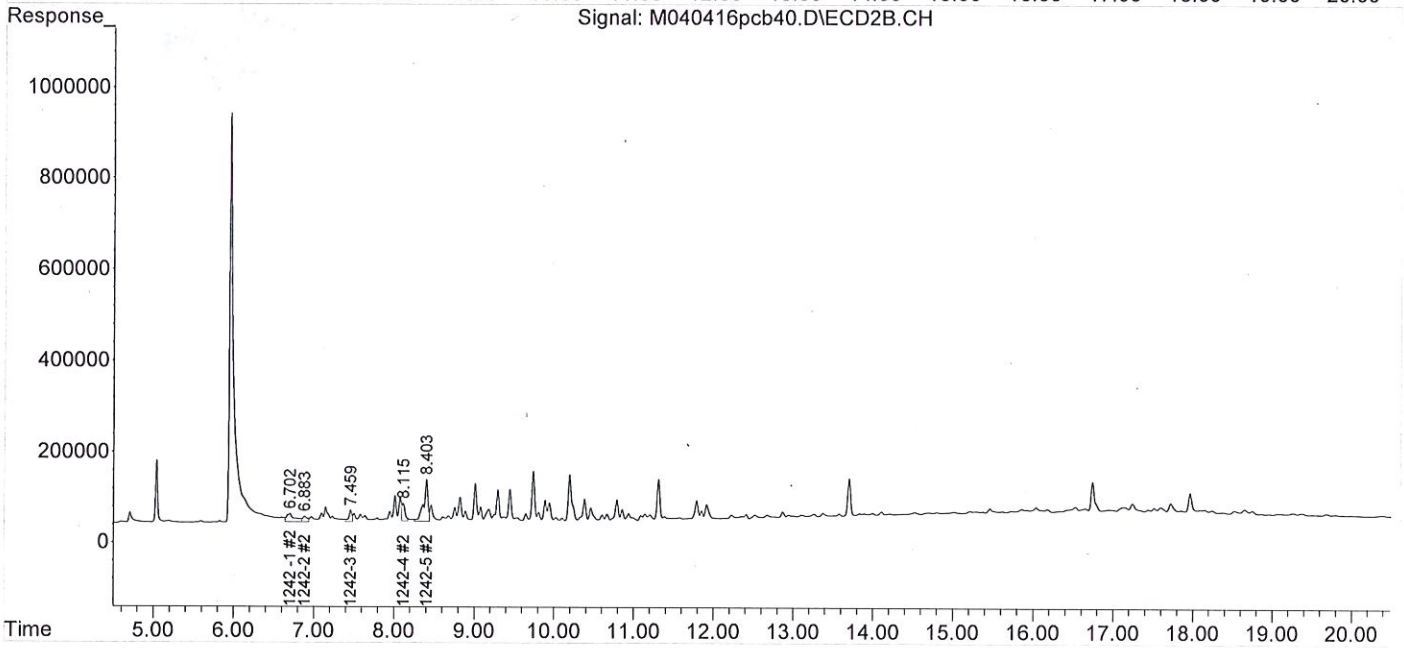
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb40.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:41 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 34 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:32:41 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb40.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:41 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 34 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:59:05 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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		N.D.	N.D.
7) S2 dcb	11.309	8.229	~~95321~~	~~4383~~	NoCal	NoCal
Target Compounds						
2) L1 1242 -1	8.636	6.702	12432	18760	10.353	17.582 #
3) L1 1242-2	9.106	6.884	18073	12644	5.648	18.102 #
4) L1 1242-3	9.702	7.460	31227	24821	44.545	48.402
5) L1 1242-4	10.337	0.000	16498	0	19.258	N.D. #
6) L1 1242-5	11.219	8.404	45256	92322	60.732	302.484 #
Sum 1242 -1			123486	148548	140.535	386.570
Average 1242 -1					28.107	96.643

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

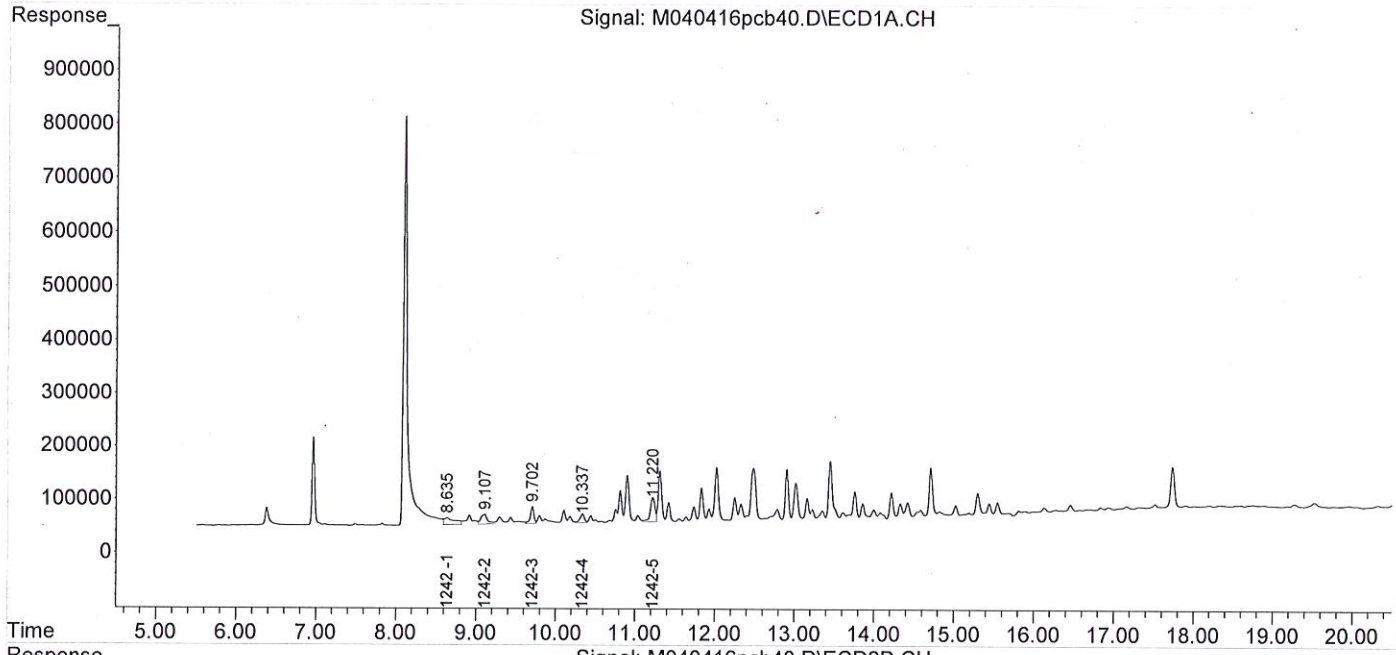
4/11/16

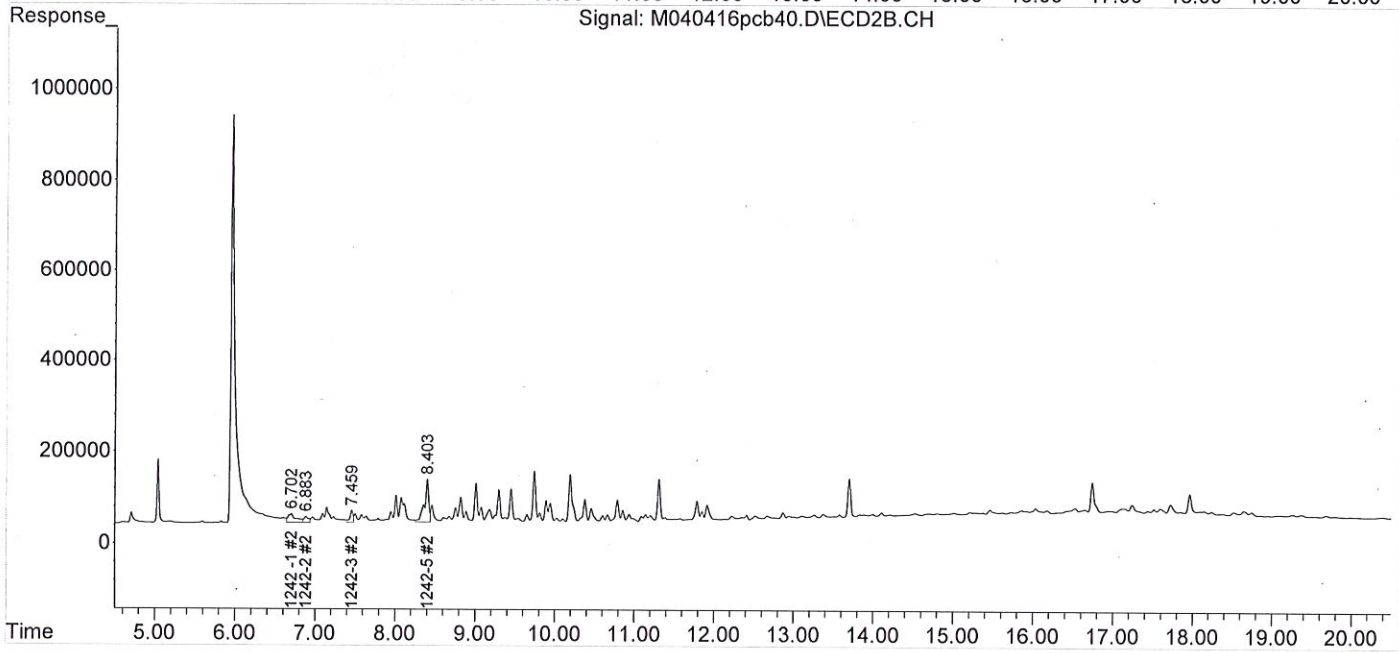
Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb40.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:41 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 34 (Sig #2) Sample Multiplier: 1

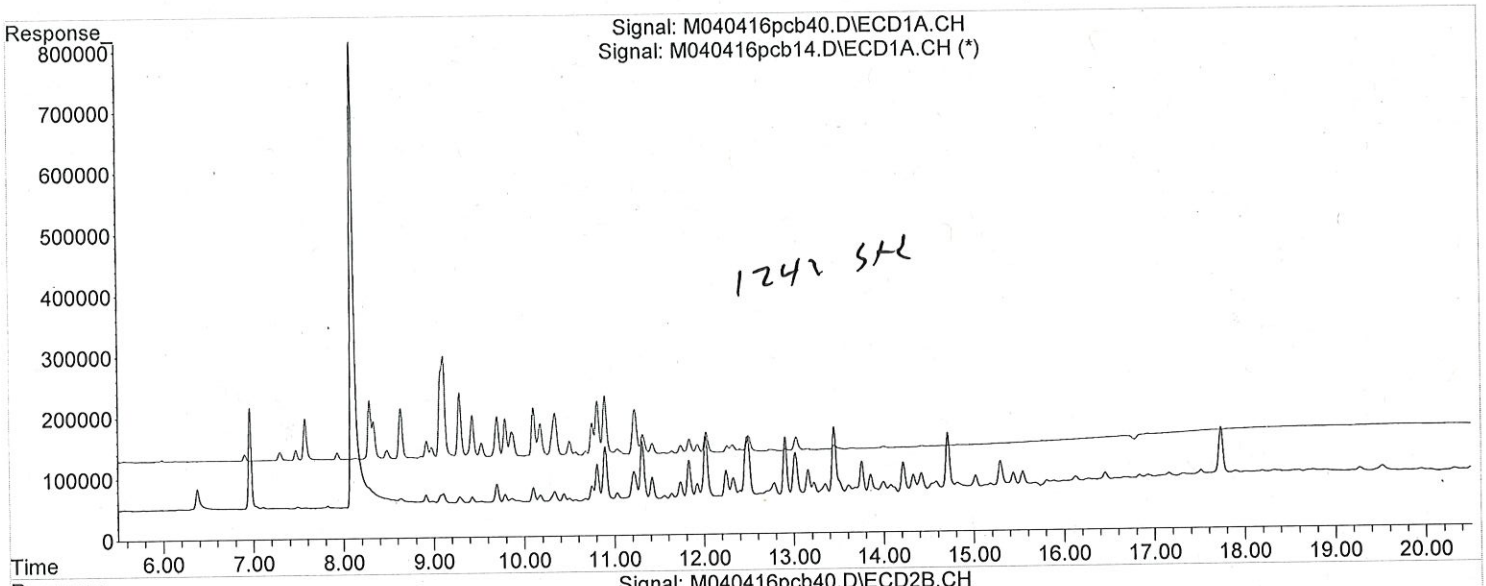
Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:59:05 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

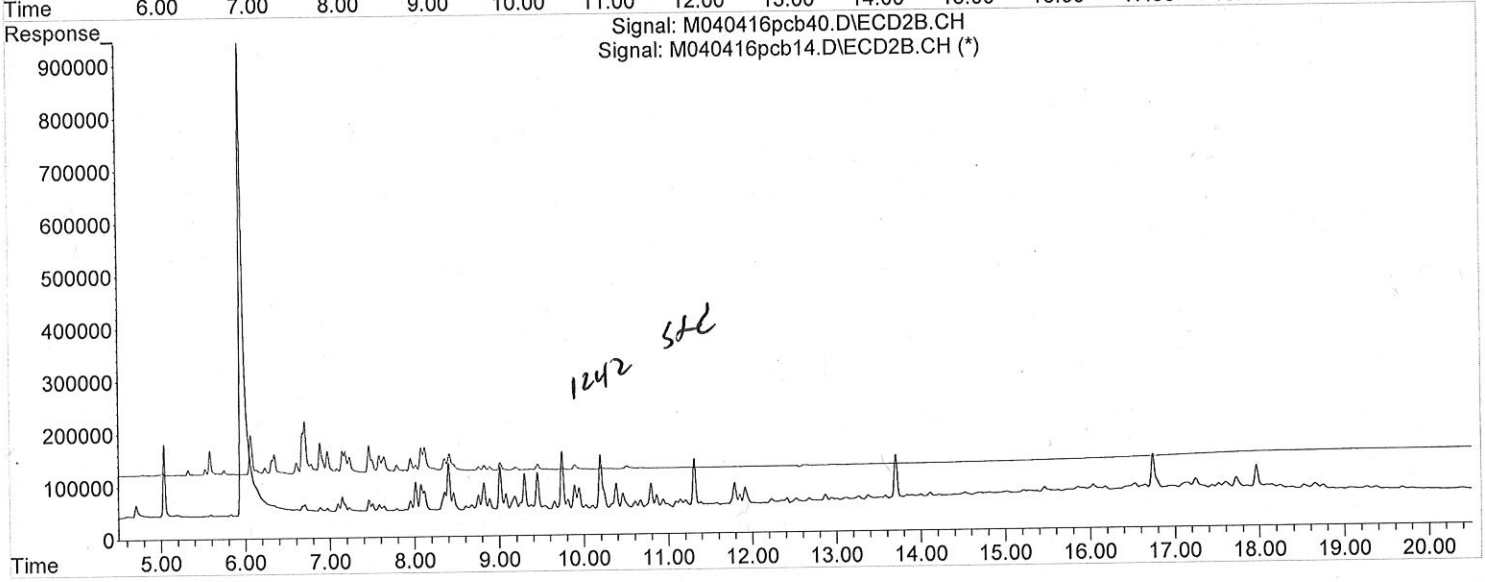
Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

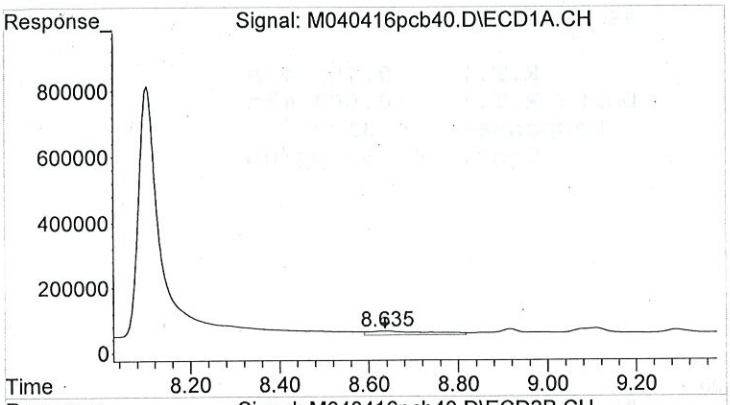




File :J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M0404
... 16pcb40.D
Operator : DWOOD
Instrument : Minerva
Acquired : 05 Apr 2016 3:41 am using AcqMethod M040116PCBEXTBAKE.M
Sample Name: 16124011
Misc Info : Sky Valley PCB Wipe 100mL fv

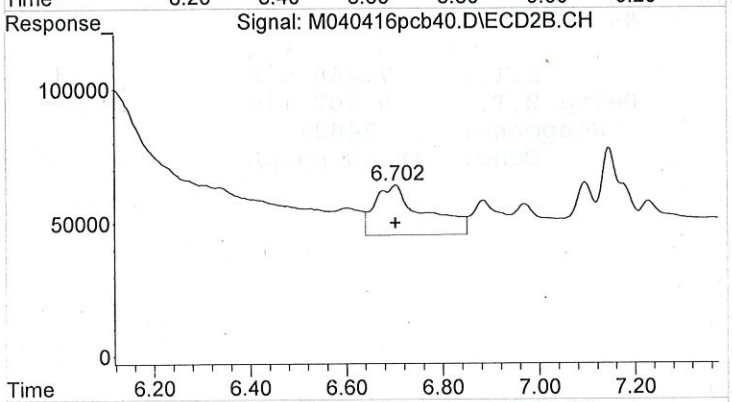






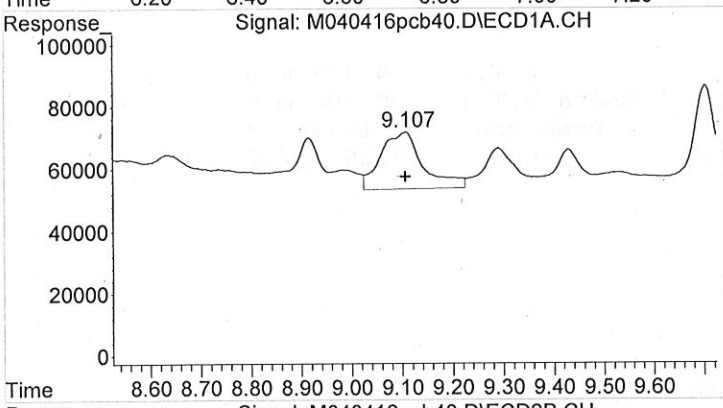
#2 1242 -1

R.T.: 8.636 min
Delta R.T.: -0.001 min
Response: 12432
Conc: 10.35 pg/uL



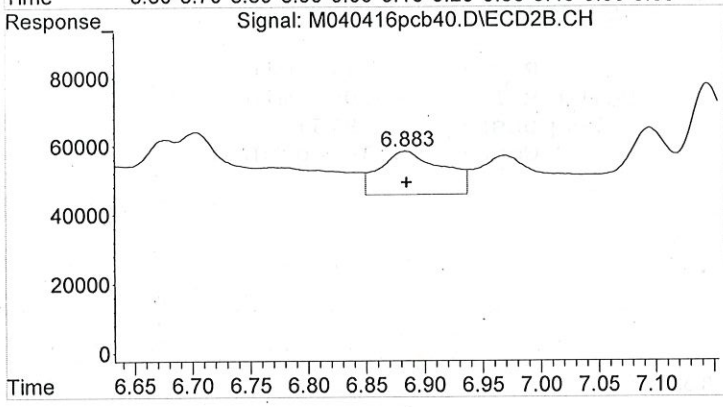
#2 1242 -1

R.T.: 6.702 min
Delta R.T.: -0.001 min
Response: 18760
Conc: 17.58 pg/uL



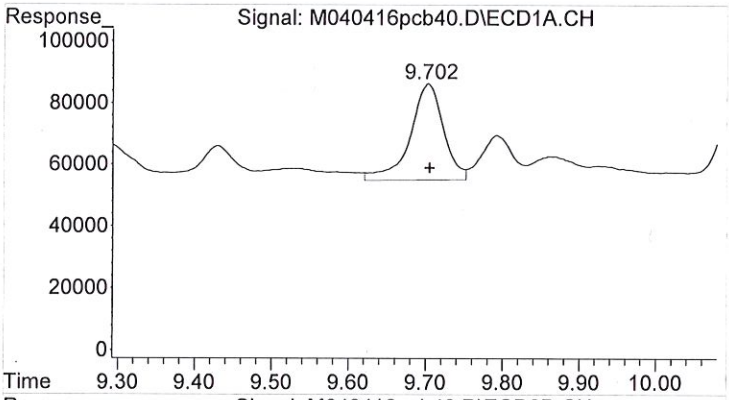
#3 1242-2

R.T.: 9.106 min
Delta R.T.: -0.001 min
Response: 18073
Conc: 5.65 pg/uL



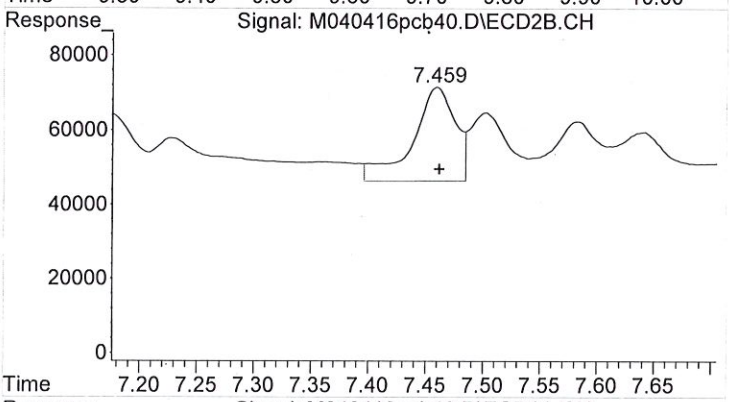
#3 1242-2

R.T.: 6.884 min
Delta R.T.: -0.001 min
Response: 12644
Conc: 18.10 pg/uL



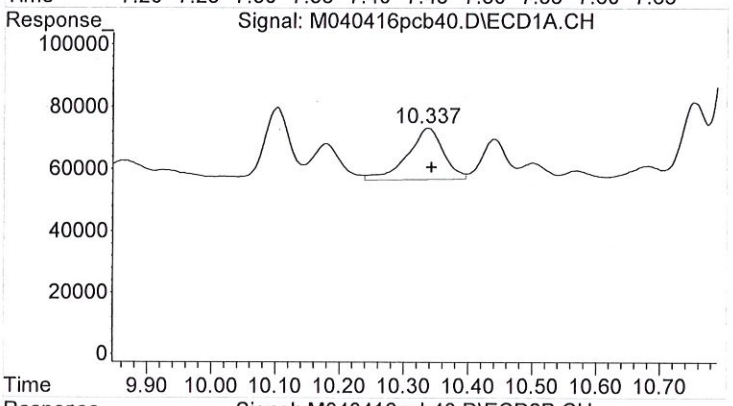
#4 1242-3

R.T.: 9.702 min
Delta R.T.: -0.003 min
Response: 31227
Conc: 44.54 pg/uL



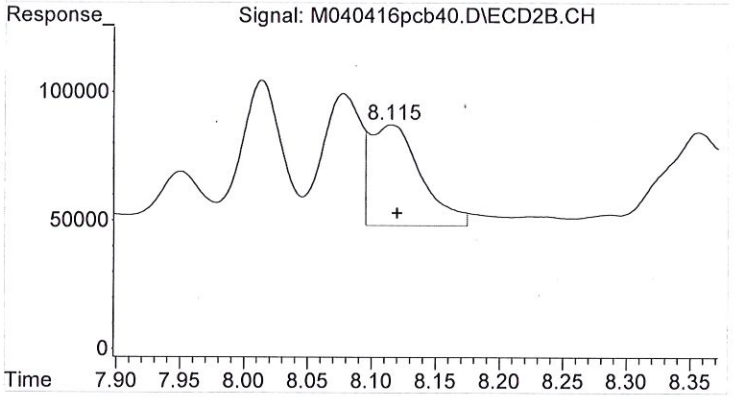
#4 1242-3

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 24821
Conc: 48.40 pg/uL



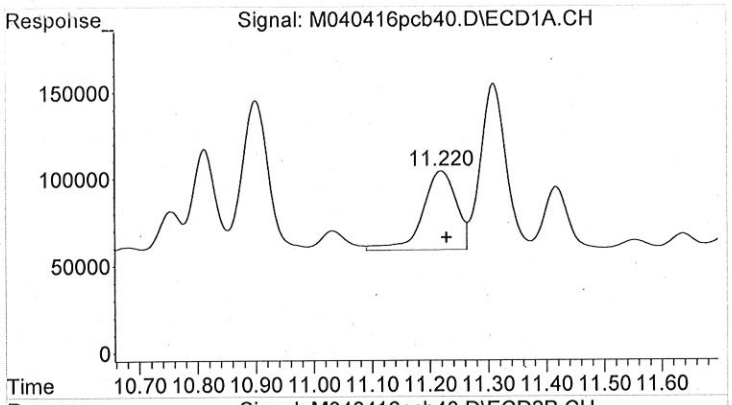
#5 1242-4

R.T.: 10.337 min
Delta R.T.: -0.006 min
Response: 16498
Conc: 19.26 pg/uL



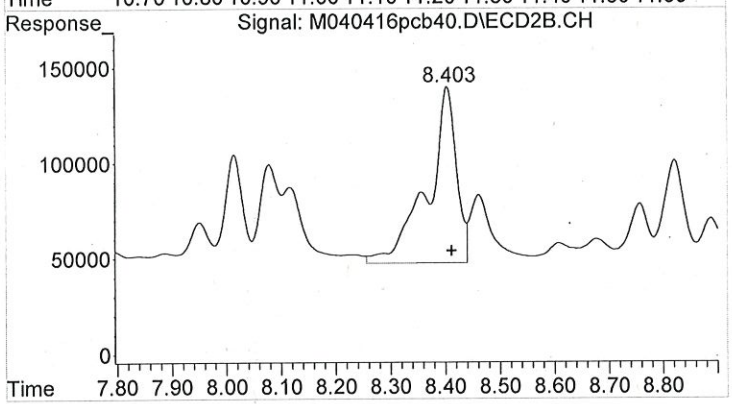
#5 1242-4

R.T.: 8.115 min
Delta R.T.: -0.005 min
Response: 39161
Conc: 90.36 pg/uL m



#6 1242-5

R.T.: 11.219 min
Delta R.T.: -0.010 min
Response: 45256
Conc: 60.73 pg/uL



#6 1242-5

R.T.: 8.404 min
Delta R.T.: -0.008 min
Response: 92322
Conc: 302.48 pg/uL

PCB Sample Results Summary

Data Not Reported

Sample.....: 16124011
Data File....: M040416pcb40.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/05/2016 3:41
Type.....: 0

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE
ASEQ Number: 40

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 mL
Dilution.....: 1x D0

Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\M040416pcb40.D

Surrogate reported up 4/18/16

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	100	tmx (1)	6.96	6.97	164660		5	4.0	80 %Rec	
12	2.5	100	dcb	17.73	17.74	74622		5	2.8	56 %Rec	
14	2.5	100	tmx (1) #2	5.04	5.04	137360		5	4.9	99 %Rec	
25	2.5	100	dcb #2	13.70	13.70	89464		5	5.1	102 %Rec	
2	25	1000	1016 -1	-	-	-	d	-	-	2.5 ug (RL)	U
3	25	1000	1016-2	-	-	-	d	-	-	2.5 ug (RL)	U
4	25	1000	1016-3	-	-	-	d	-	-	2.5 ug (RL)	U
5	25	1000	1016-4	-	-	-	d	-	-	2.5 ug (RL)	U
6	25	1000	1016-5	-	-	-	d	-	-	2.5 ug (RL)	U
7	25	1000	1260-1	12.90	12.91	93822		-	48	4.8 ug	
8	25	1000	1260-2	13.45	13.45	108481		-	58	5.8 ug	
9	25	1000	1260-3	13.76	13.76	50747		-	33	3.3 ug	
10	25	1000	1260-4	14.22	14.22	47102		-	31	3.1 ug	
11	25	1000	1260-5	14.71	14.72	87253		-	25	2.5 ug	
15	25	1000	1016 -1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
16	25	1000	1016-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
17	25	1000	1016-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
18	25	1000	1016-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
19	25	1000	1016-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U
20	25	1000	1260-1 #2	9.30	9.30	68682		-	70	7.0 ug	
21	25	1000	1260-2 #2	9.74	9.74	109660		-	81	8.1 ug	
22	25	1000	1260-3 #2	10.19	10.20	101265		-	96	9.6 ug	
23	25	1000	1260-4 #2	11.31	11.31	90010		-	48	4.8 ug	
24	25	1000	1260-5 #2	11.79	11.80	42871		-	45	4.5 ug	

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
12674112	1016 Column 1	2.5	ug (RL)	0	NA	
12674112	1016 Column 2	2.5	ug (RL)	0	NA	
11096825	1260 Column 1	3.9	ug	5	35 %	
11096825	1260 Column 2	6.8	ug	5	32 %	54 %

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.

Generated Tue Apr 12 10:21:19 2016

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb40.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:41 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 34 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:15:58 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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)	6.963	5.038	164660	137360	3.994	4.940
12) S2 dcb	17.733	13.703	74622	89464	2.816	5.087 #
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	12.905	9.296	93822	68682	48.287	70.201 #
8) L2 1260-2	13.450	9.742	108481	109660	57.999	81.436 #
9) L2 1260-3	13.757	10.195	50747	101265	33.339	96.255 #
10) L2 1260-4	14.216	11.311	47102	90010	30.920	47.537 #
11) L2 1260-5	14.710	11.790	87253	42871	25.103	45.346 #
Sum 1260-1			387406	412488	195.648	340.774
Average 1260-1					39.130	68.155

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

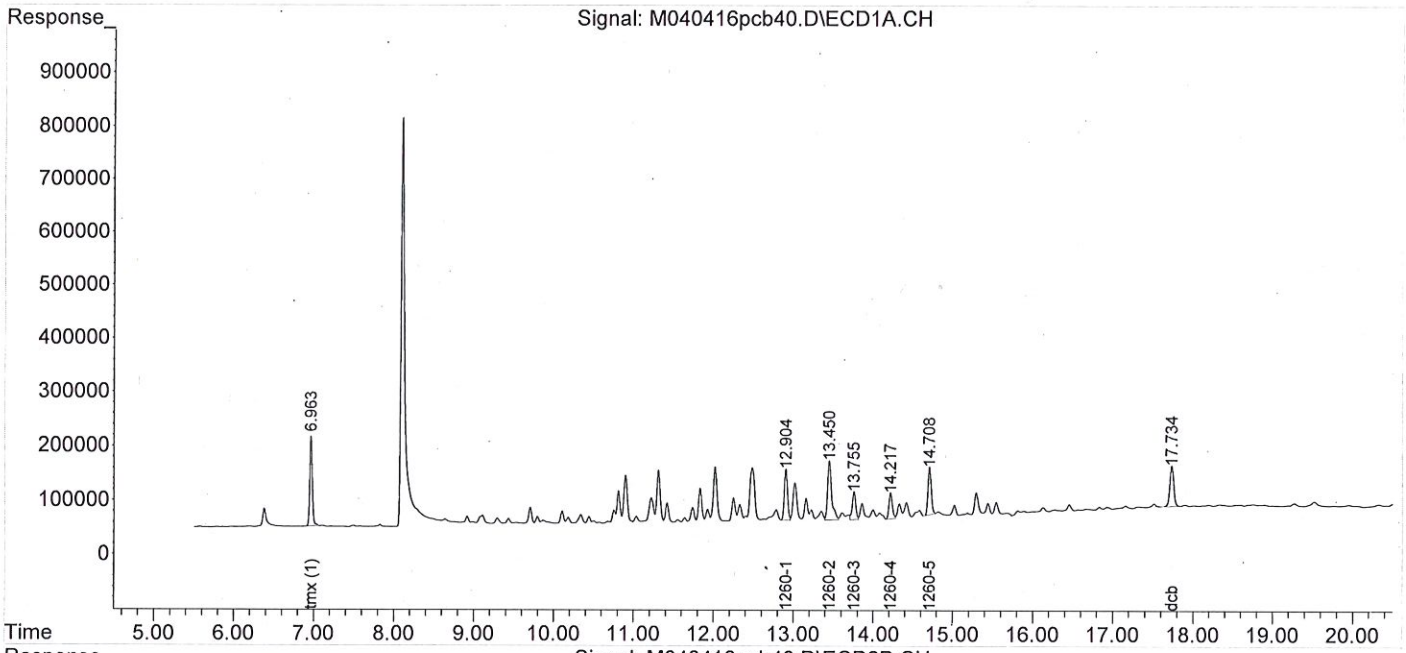
hw 4/6/16

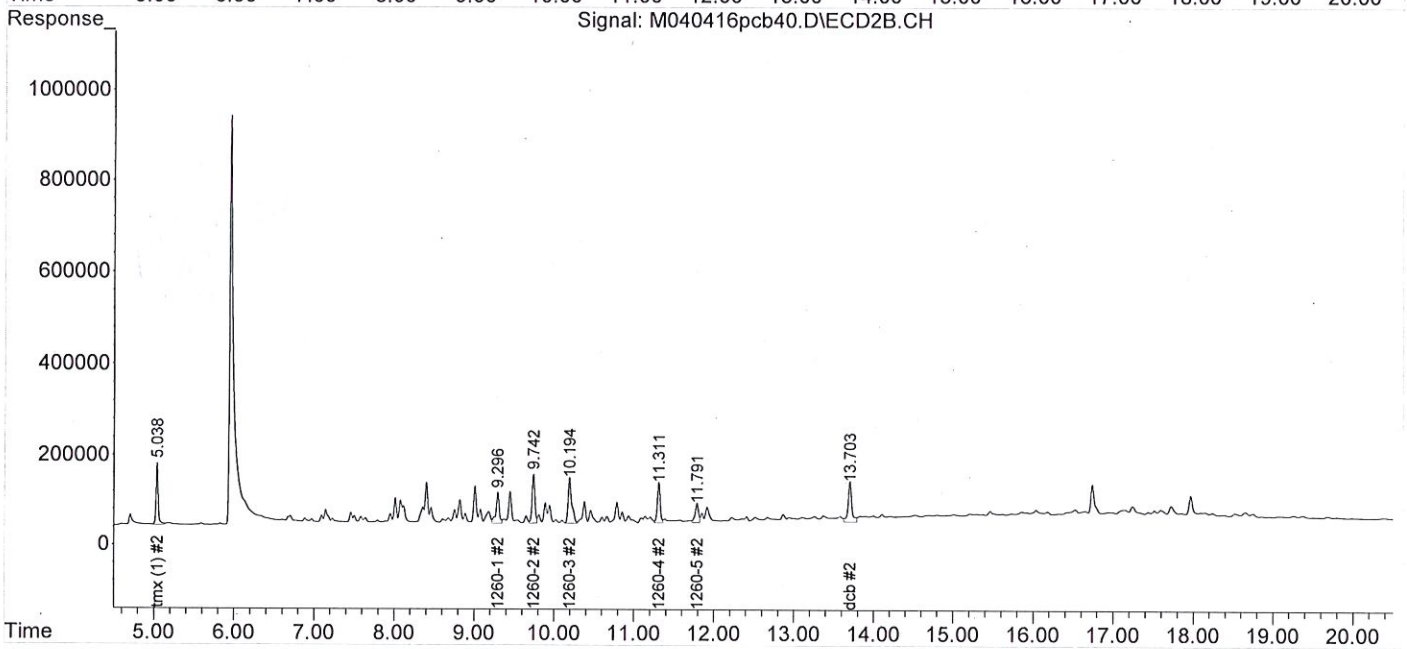
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb40.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:41 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 34 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:15:58 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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 2016 DATA\M040416PCBDW\
Data File : M040416pcb40.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:41 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 34 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:29:01 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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)	6.963	5.038	164660	137360	3.994	4.940
12) S2 dcb	17.733	13.703	74622	89464	2.816	5.087 #
Target Compounds						PCB1242
2) L1 1016 -1	0.000	5.590	0	2994	N.D.	N.D.
3) L1 1016-2	0.000	0.000	0	0	N.D	N.D.
4) L1 1016-3	9.290	6.702	9426	18760	1.057	13.952 #
5) L1 1016-4	0.000	6.884	0	12644	N.D.	14.363 #
6) L1 1016-5	10.102	7.460	22018	24821	22.437	40.673 #
Sum 1016 -1			31444	56225	23.493	66.555
Average 1016 -1					11.747	22.185
7) L2 1260-1	12.905	9.296	93822	68682	48.287	70.201 #
8) L2 1260-2	13.450	9.742	108481	109660	57.999	81.436 #
9) L2 1260-3	13.757	10.195	50747	101265	33.339	96.255 #
10) L2 1260-4	14.216	11.311	47102	90010	30.920	47.537 #
11) L2 1260-5	14.710	11.790	87253	42871	25.103	45.346 #
Sum 1260-1			387406	412488	195.648	340.774
Average 1260-1					39.130	68.155

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

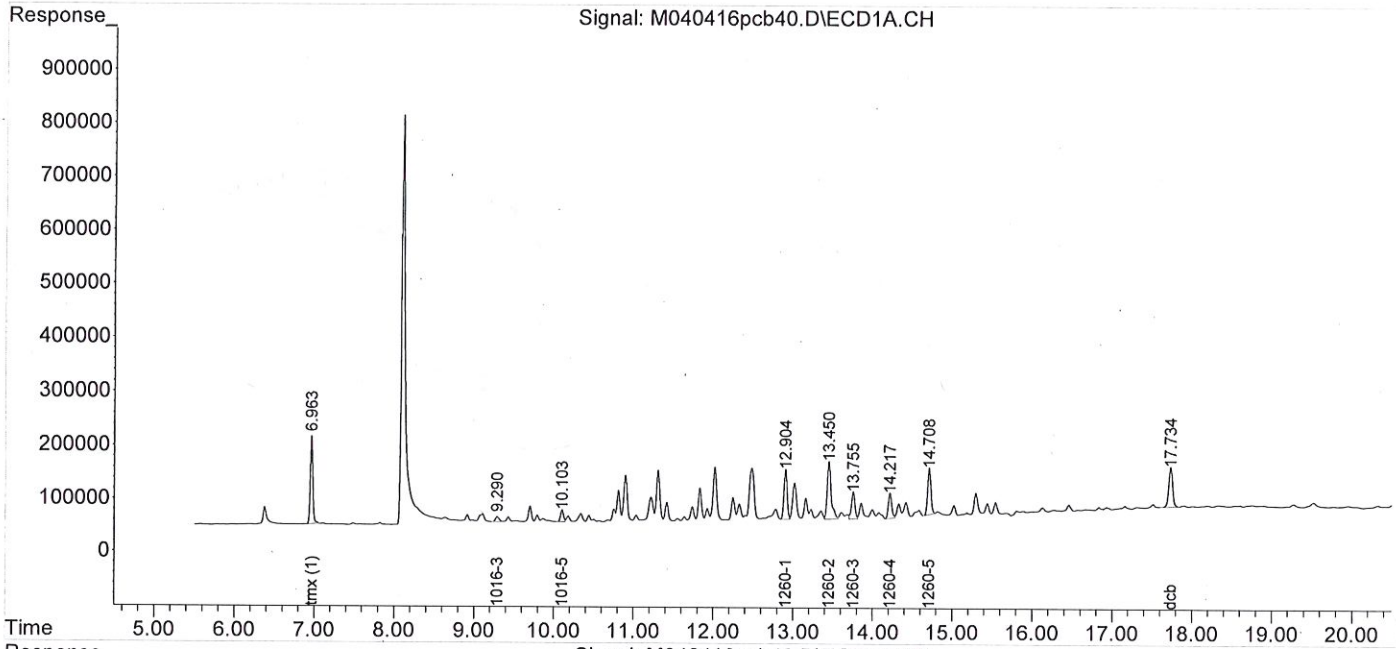
4/6/16

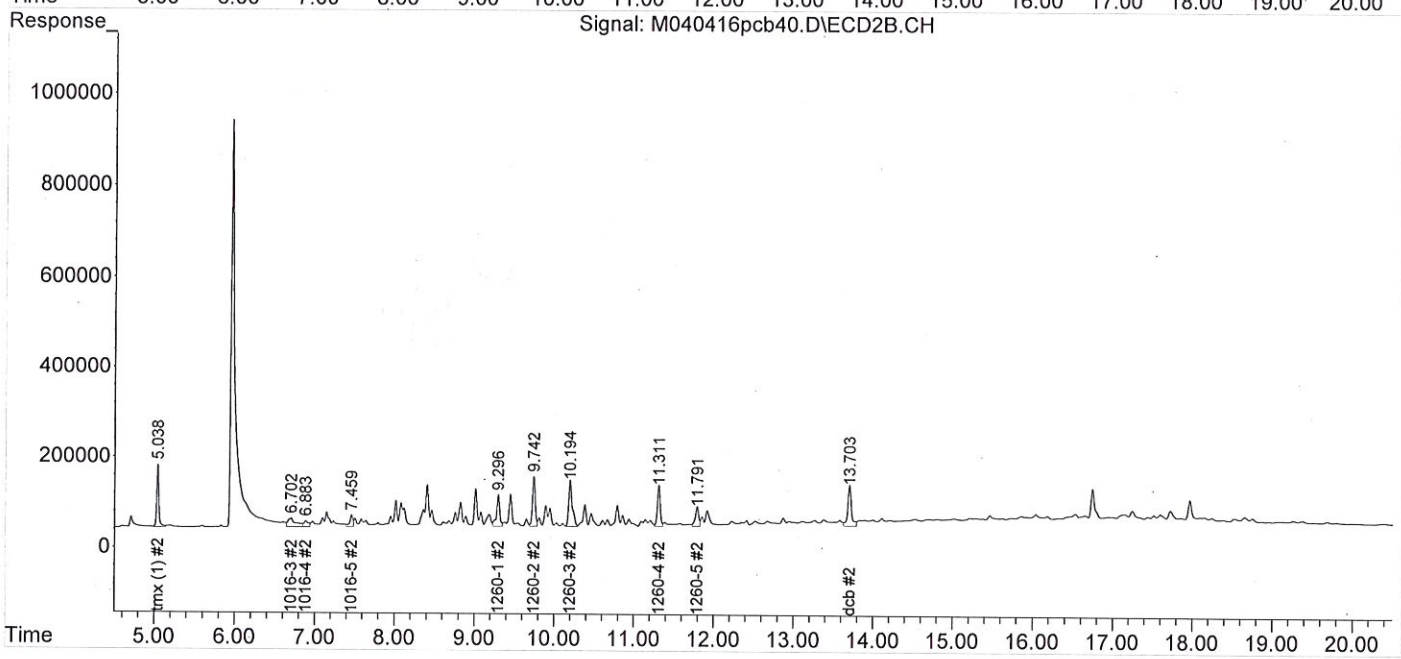
Quantitation Report (Not Reviewed)

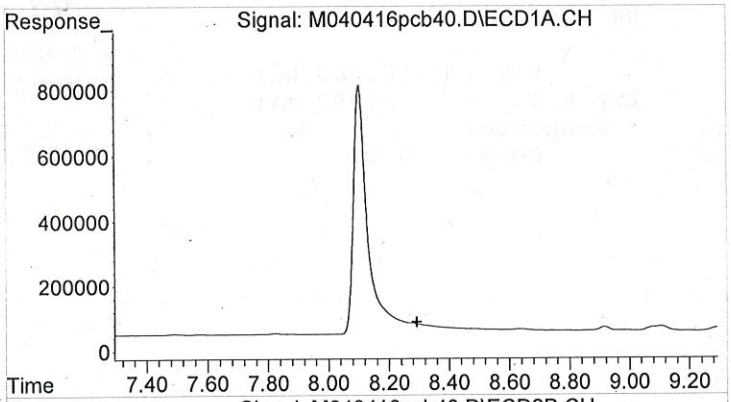
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb40.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 3:41 am
Operator : DWOOD
Sample : 16124011
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 34 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:29:01 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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

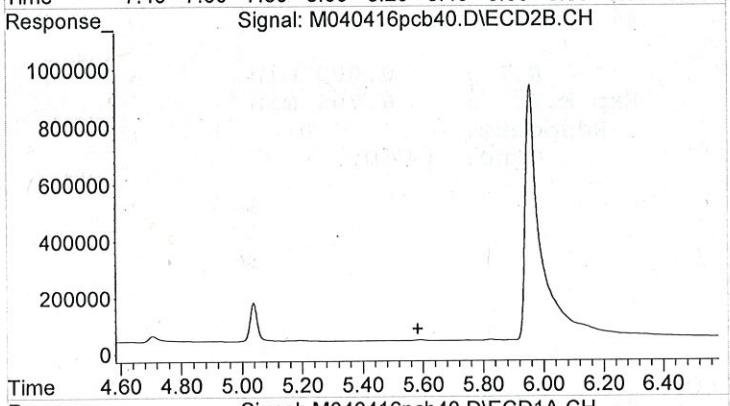






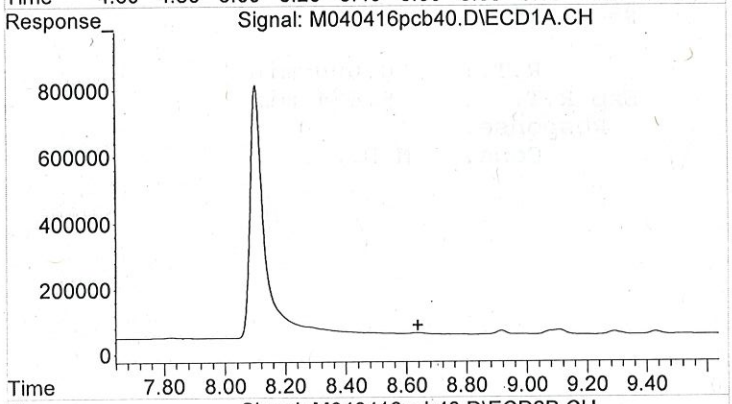
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 8.293 min
Response: 0
Conc: N.D.



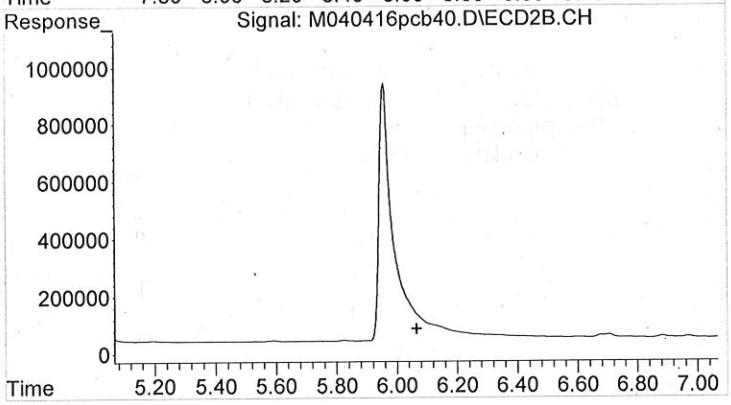
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.583 min
Response: 0
Conc: N.D.



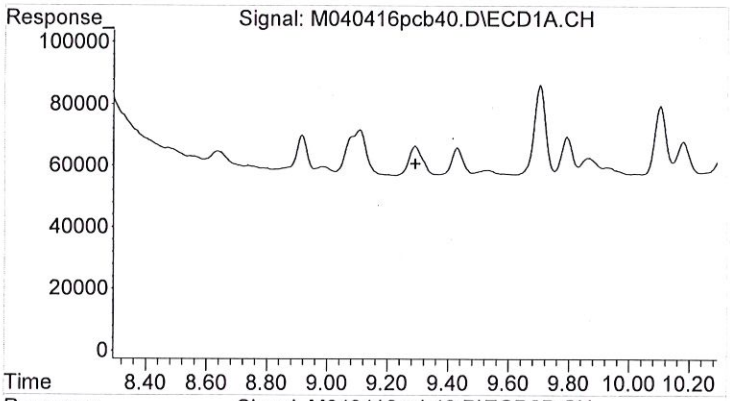
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.639 min
Response: 0
Conc: N.D.



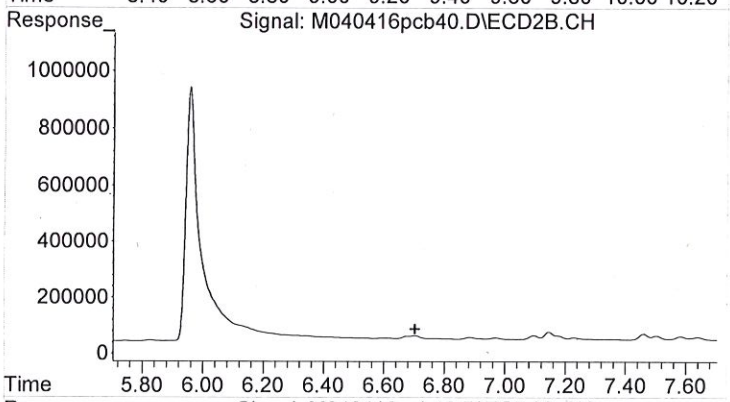
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 6.066 min
Response: 0
Conc: N.D.



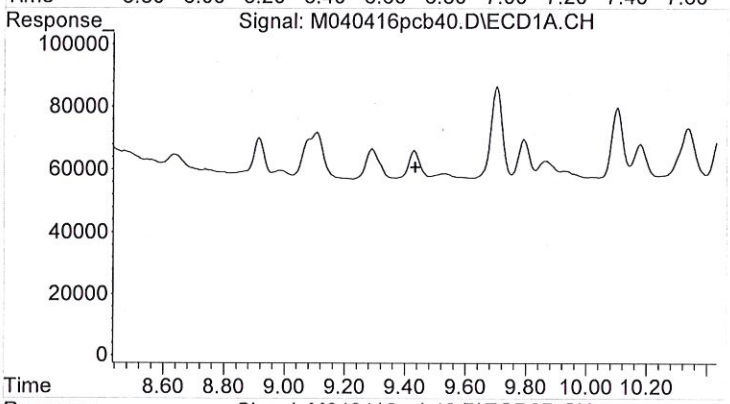
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.292 min
Response: 0
Conc: N.D.



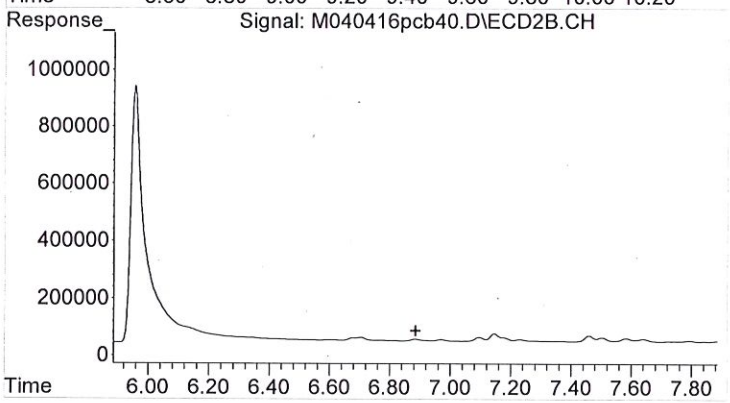
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.704 min
Response: 0
Conc: N.D.



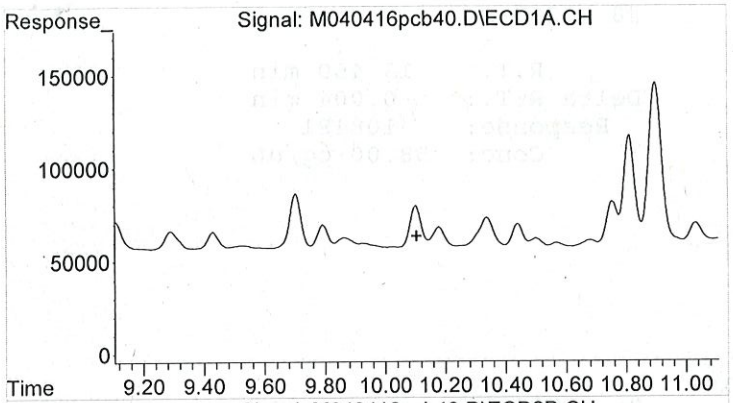
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.434 min
Response: 0
Conc: N.D.



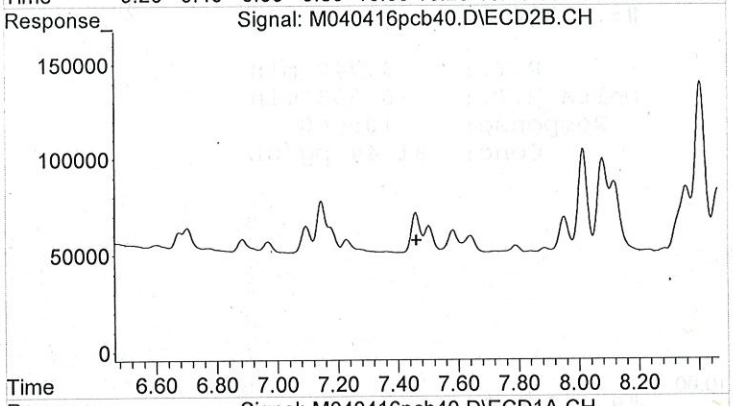
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



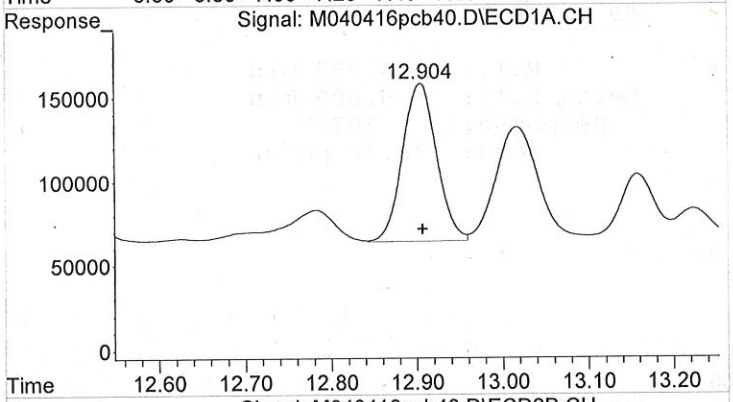
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 10.106 min
Response: 0
Conc: N.D.



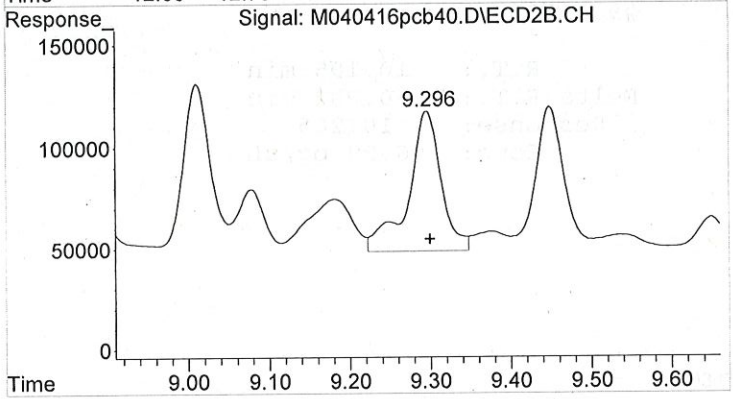
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



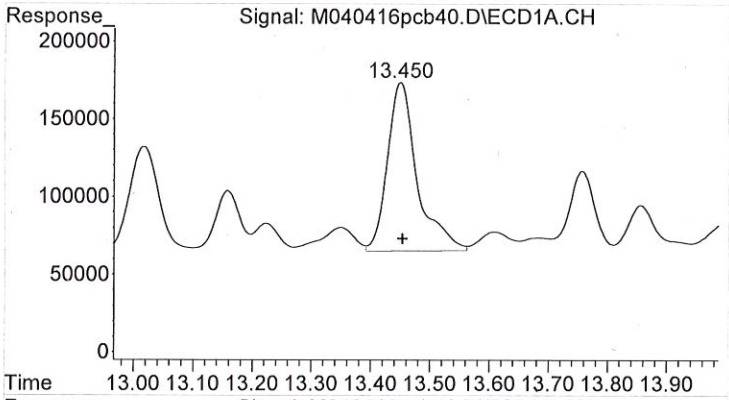
#7 1260-1

R.T.: 12.905 min
Delta R.T.: -0.002 min
Response: 93822
Conc: 48.29 pg/uL



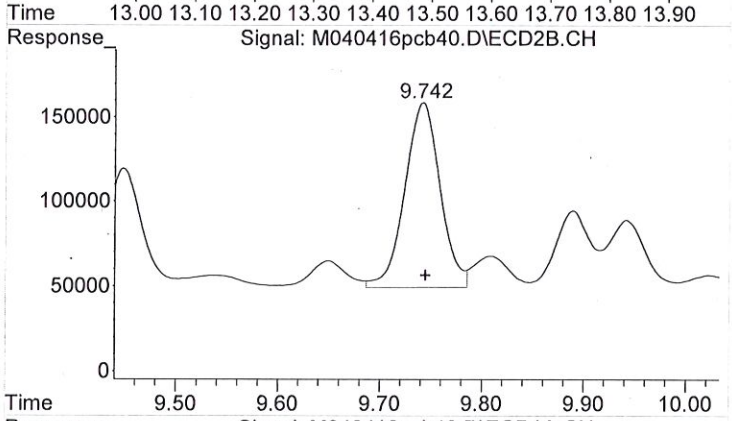
#7 1260-1

R.T.: 9.296 min
Delta R.T.: -0.004 min
Response: 68682
Conc: 70.20 pg/uL



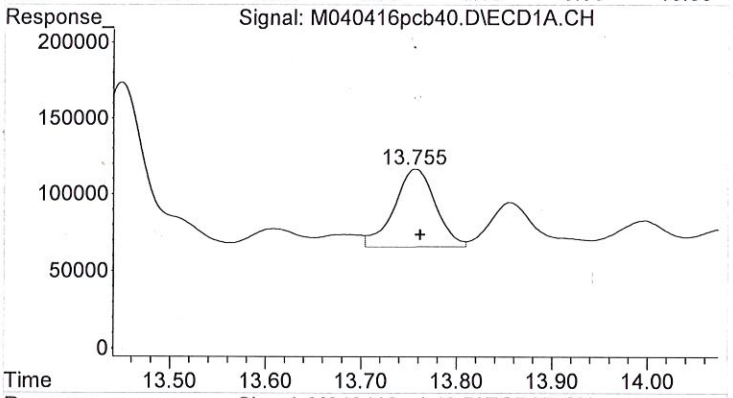
#8 1260-2

R.T.: 13.450 min
Delta R.T.: -0.004 min
Response: 108481
Conc: 58.00 pg/uL



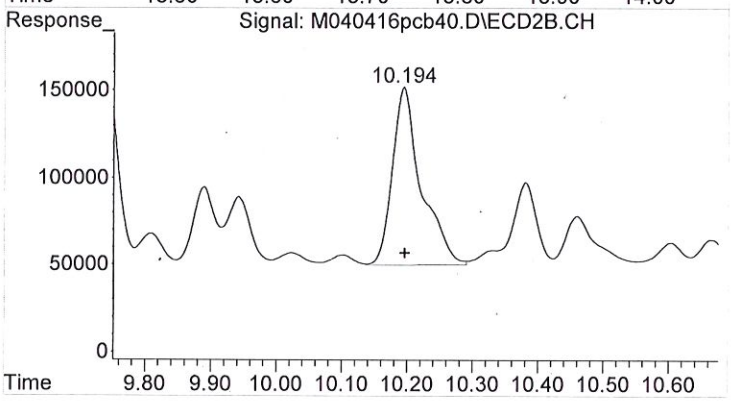
#8 1260-2

R.T.: 9.742 min
Delta R.T.: -0.003 min
Response: 109660
Conc: 81.44 pg/uL



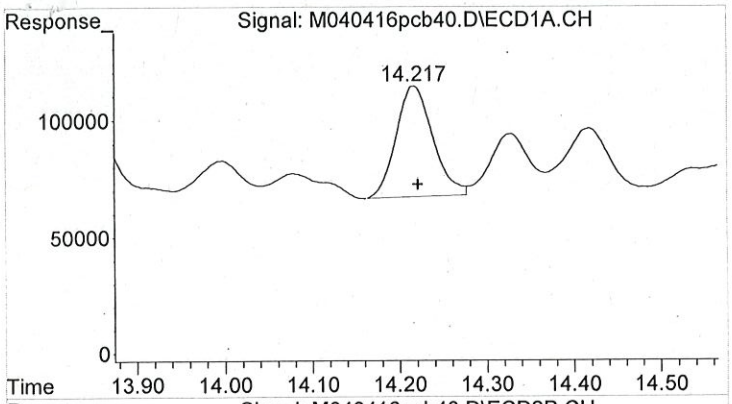
#9 1260-3

R.T.: 13.757 min
Delta R.T.: -0.005 min
Response: 50747
Conc: 33.34 pg/uL



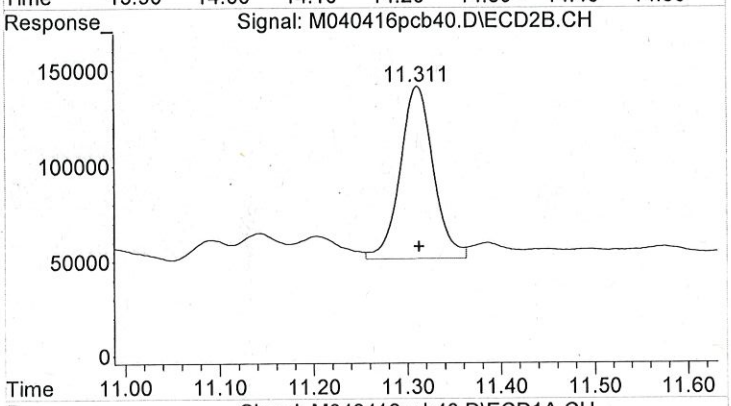
#9 1260-3

R.T.: 10.195 min
Delta R.T.: -0.002 min
Response: 101265
Conc: 96.25 pg/uL



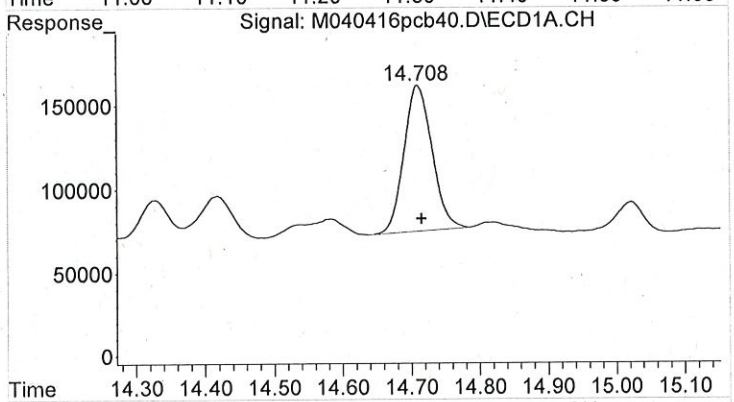
#10 1260-4

R.T.: 14.216 min
Delta R.T.: -0.005 min
Response: 47102
Conc: 30.92 pg/uL



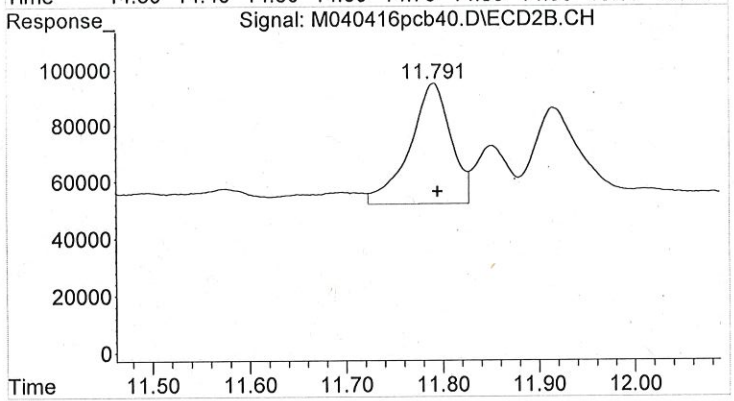
#10 1260-4

R.T.: 11.311 min
Delta R.T.: -0.002 min
Response: 90010
Conc: 47.54 pg/uL



#11 1260-5

R.T.: 14.710 min
Delta R.T.: -0.005 min
Response: 87253
Conc: 25.10 pg/uL



#11 1260-5

R.T.: 11.790 min
Delta R.T.: -0.005 min
Response: 42871
Conc: 45.35 pg/uL

PCB Sample Results Summary

Sample.....: 16124012
Data File....: M040416pcb41.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/05/2016 4:15
Type.....: 0

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: na

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 mL
Dilution.....: 1x D0

Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB1242.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M040416pcb41.D

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)	-	-	-					
7	25	1000	dcb	-	-	-	d				
9	25	1000	tmx (1) #2	-	-	-					
15	25	1000	dcb #2	-	-	-	d				
2	25	1000	1242 -1	8.63	8.64	9410		-	6.5	2.5 ug (RL)	U
3	25	1000	1242-2	9.11	9.11	9823		-	0.48	2.5 ug (RL)	U
4	25	1000	1242-3	9.70	9.71	21845		-	29	2.9 ug	
5	25	1000	1242-4	10.34	10.34	21925		-	27	2.7 ug	
6	25	1000	1242-5	11.22	11.23	108708		-	157	16 ug	
10	25	1000	1242 -1 #2	6.70	6.70	10755		-	9.0	2.5 ug (RL)	U
11	25	1000	1242-2 #2	6.88	6.88	7877		-	9.0	2.5 ug (RL)	U
12	25	1000	1242-3 #2	7.46	7.46	22681		-	44	4.4 ug	
13	25	1000	1242-4 #2	8.12	8.12	89037		-	209	21 ug	
14	25	1000	1242-5 #2	8.41	8.41	117873		-	387	39 ug	

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]	
53469219	1242 Column 1	7.1	ug	3	104 %		Results will be reported from Column 1
53469219	1242 Column 2	21	ug	3	81 %	100 %	

[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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb41.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 4:15 am
Operator : DWOOD
Sample : 16124012
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 35 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:33:44 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	8.633	6.702	9410	10755	6.505	8.992 #
3) L1 1242-2	9.105	6.883	9823	7877	0.478	9.047 #
4) L1 1242-3	9.702	7.460	21845	22681	29.059	43.789 #
5) L1 1242-4	10.337	8.117	21925	89037	27.429	209.017 #
6) L1 1242-5	11.224	8.407	108708	117873	156.524	387.300 #
Sum 1242 -1			171711	248224	219.995	658.143
Average 1242 -1					43.999	131.629

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

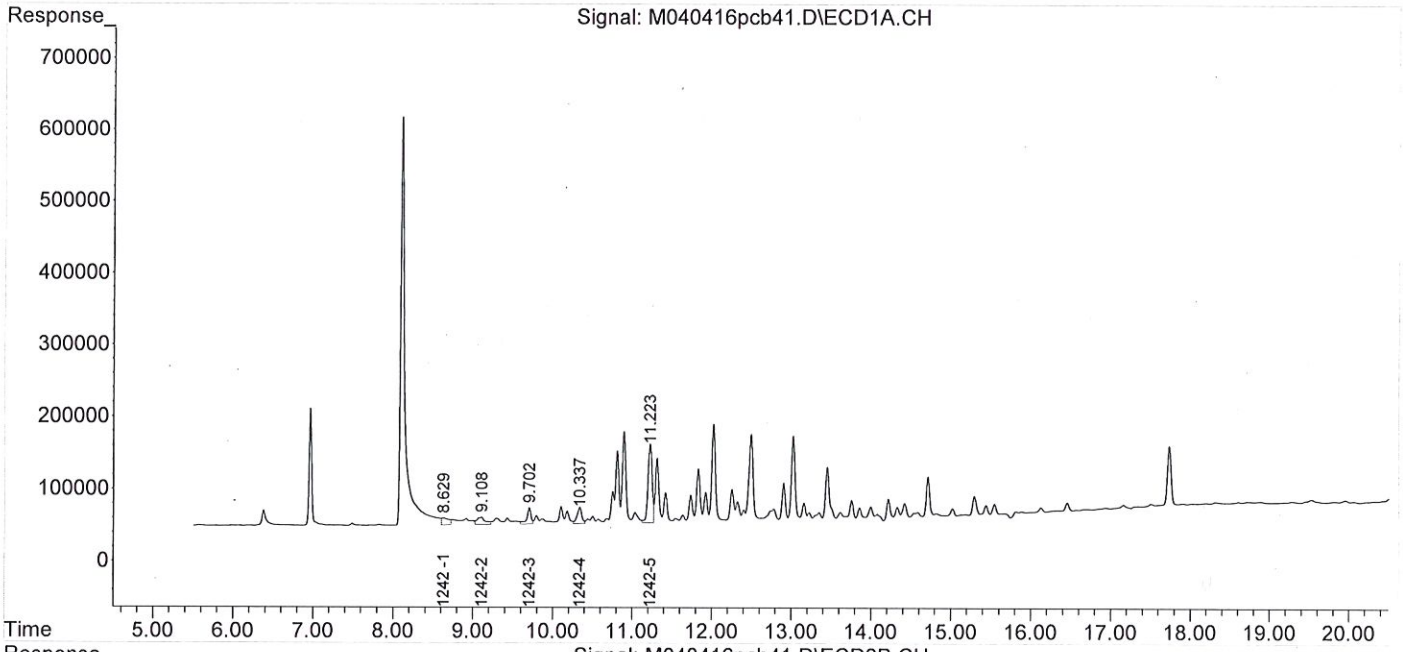
ww
4/12/16

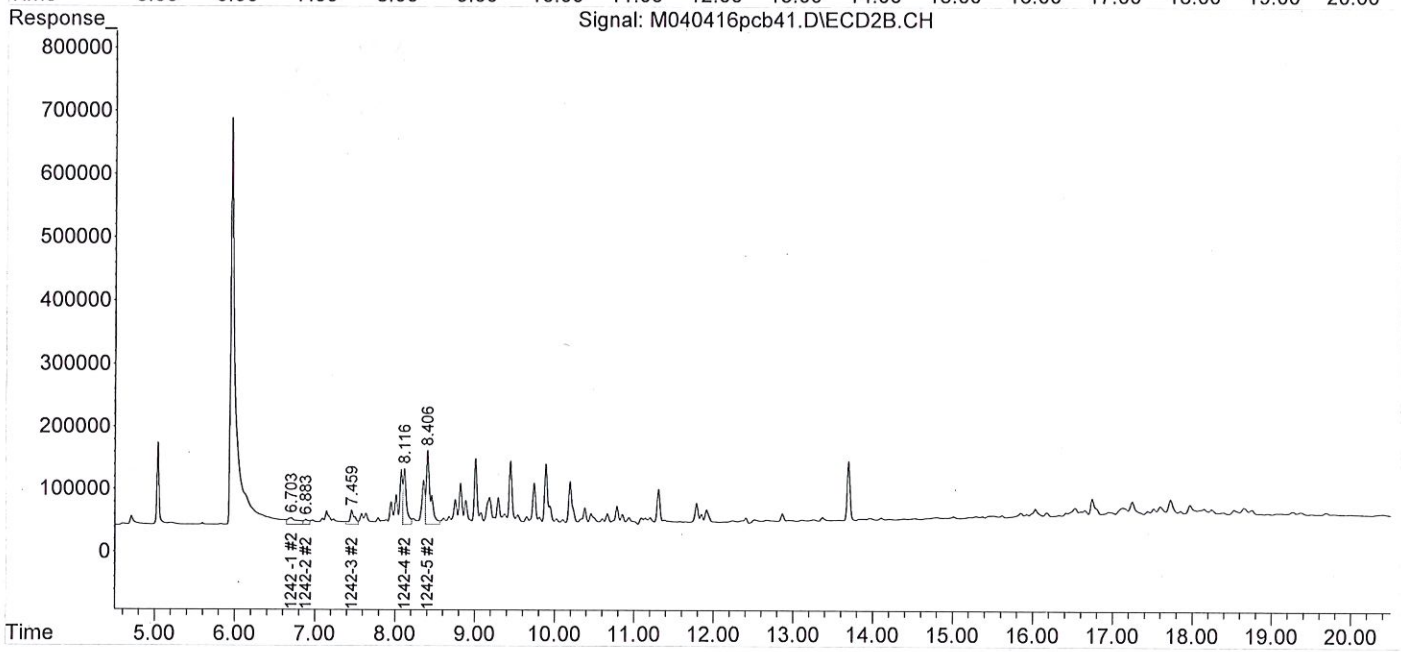
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb41.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 4:15 am
Operator : DWOOD
Sample : 16124012
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 35 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:33:44 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb41.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 4:15 am
Operator : DWOOD
Sample : 16124012
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 35 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:59:09 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	11.310	8.228	~~88766~~	~~9193~~	NoCal	NoCal
Target Compounds						
2) L1 1242 -1	8.633	6.702	9410	10755	6.505	8.992 #
3) L1 1242-2	9.105	6.883	9823	7877	0.478	9.047 #
4) L1 1242-3	9.702	7.460	21845	22681	29.059	43.789 #
5) L1 1242-4	10.337	8.117	21925	89037	27.429	209.017 #
6) L1 1242-5	11.224	8.407	108708	117873	156.524	387.300 #
Sum 1242 -1			171711	248224	219.995	658.143
Average 1242 -1					43.999	131.629

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

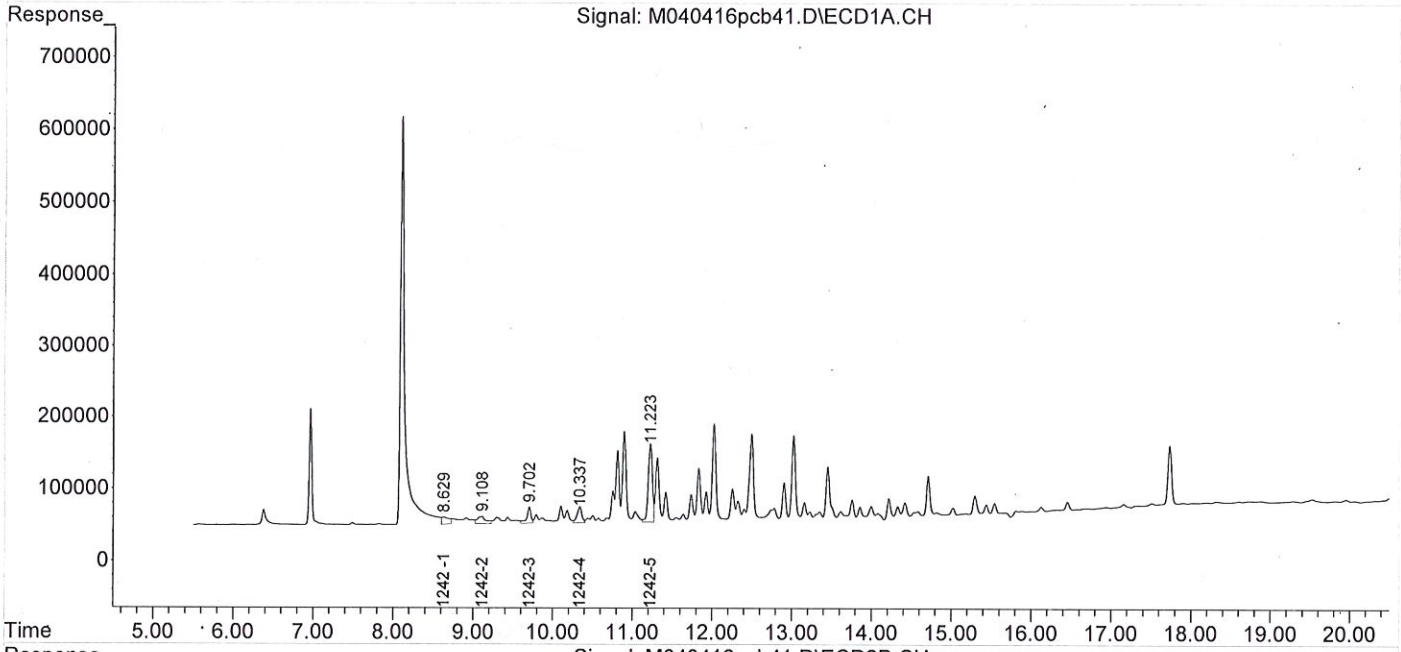
4/11/16

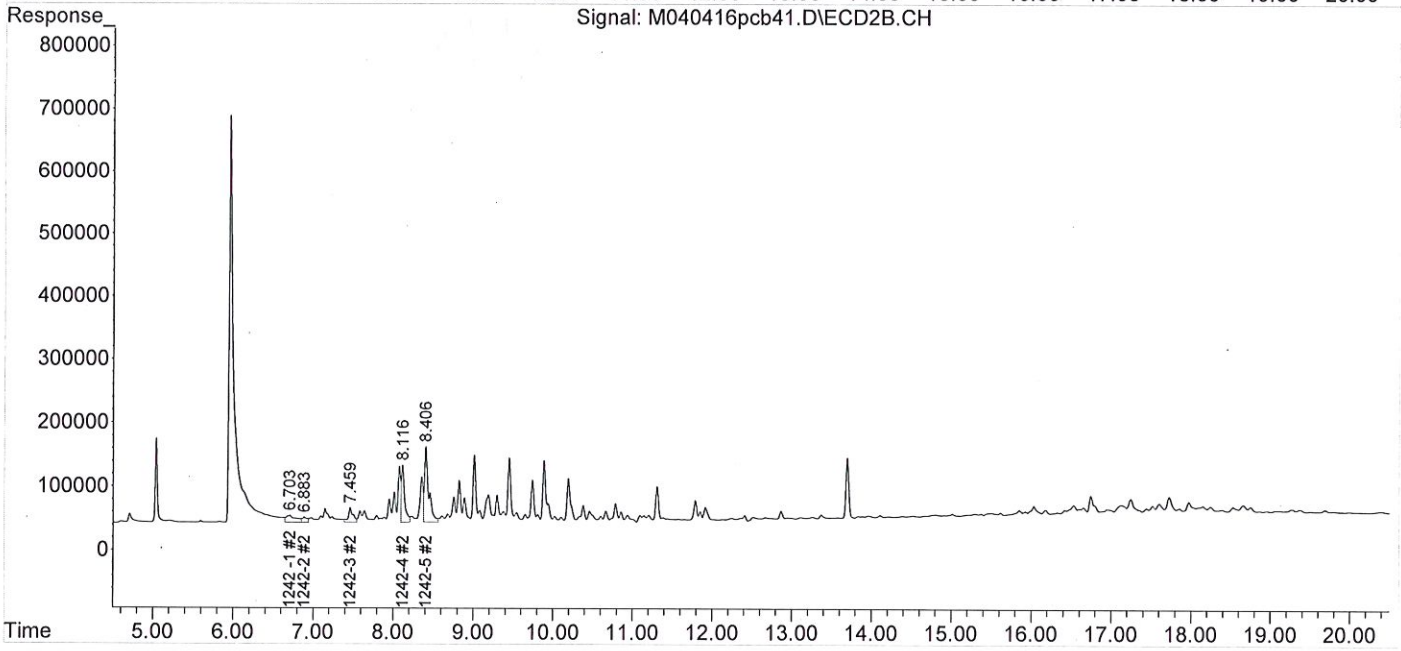
Quantitation Report (Not Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb41.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 4:15 am
Operator : DWOOD
Sample : 16124012
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 35 (Sig #2) Sample Multiplier: 1

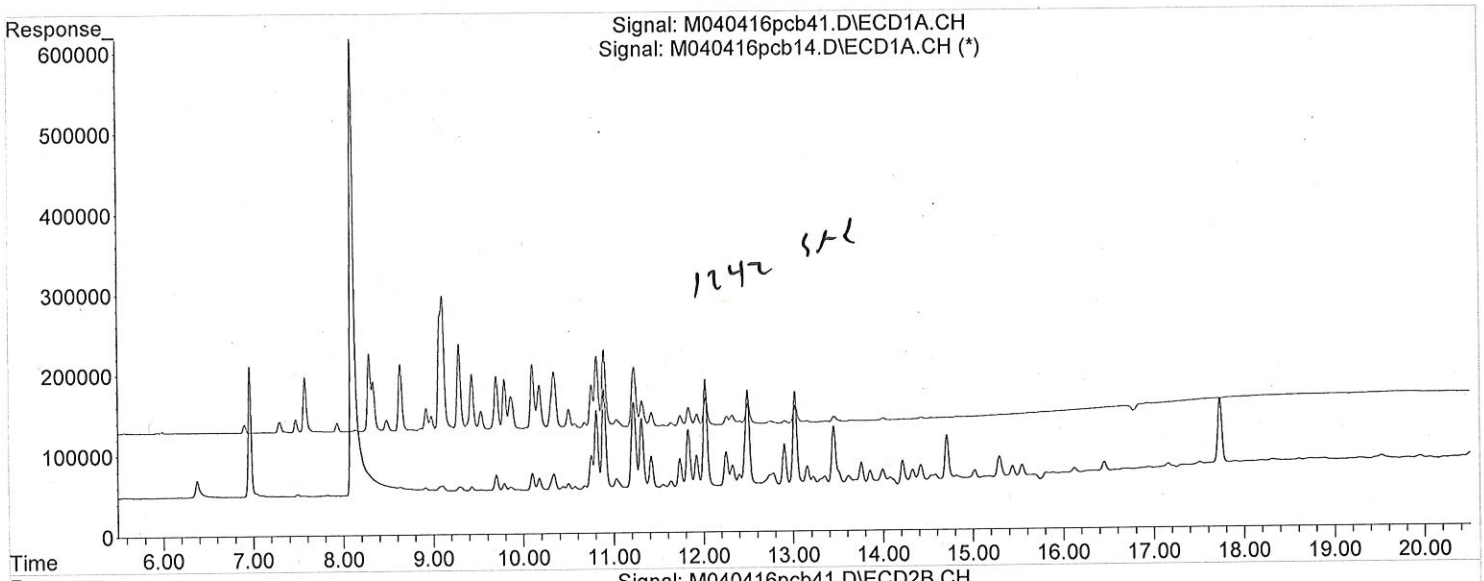
Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:59:09 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

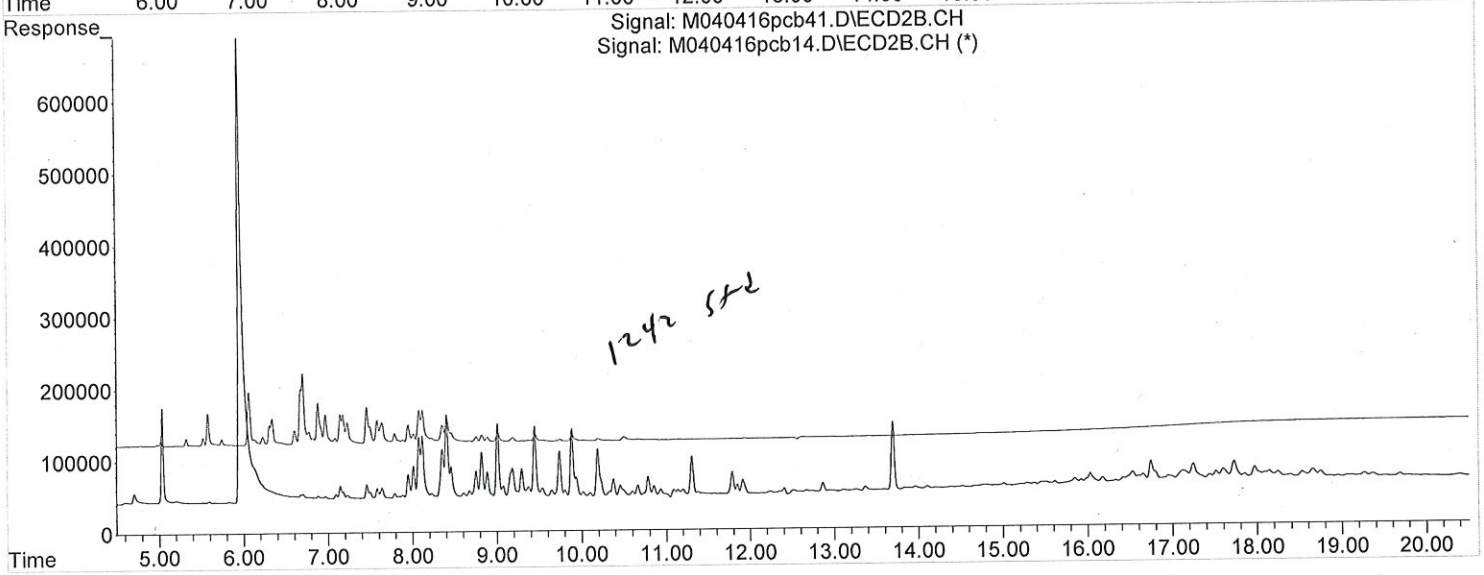
Volume Inj. : 2 uL
Signal #1 Phase : CLPest Signal #2 Phase: CLPest2
Signal #1 Info : .32 Signal #2 Info : .32

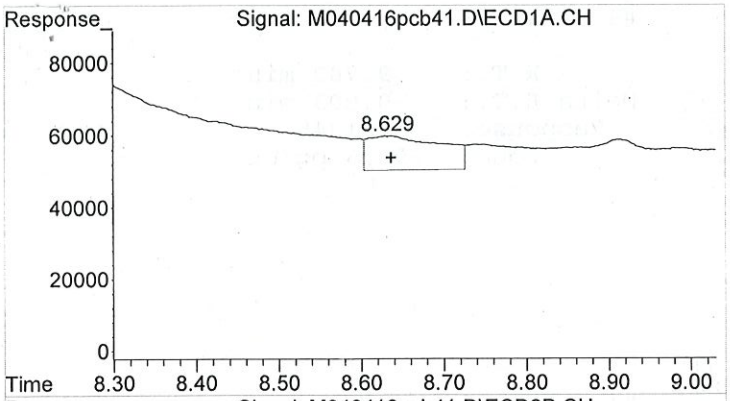




File :J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M0404
... 16pcb41.D
Operator : DWOOD
Instrument : Minerva
Acquired : 05 Apr 2016 4:15 am using AcqMethod M040116PCBEXTBAKE.M
Sample Name: 16124012
Misc Info : Sky Valley PCB Wipe 100mL fv

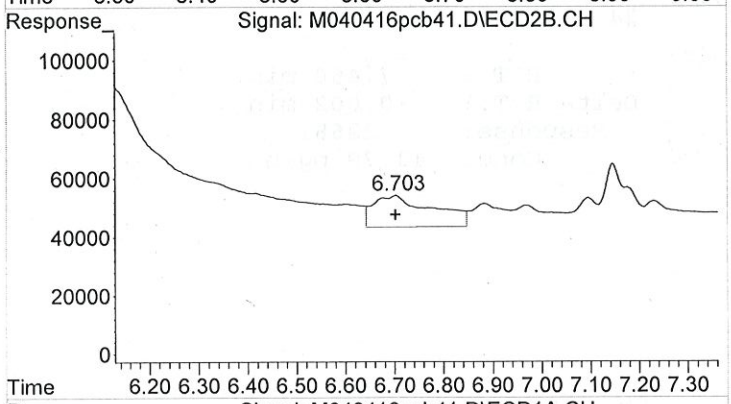






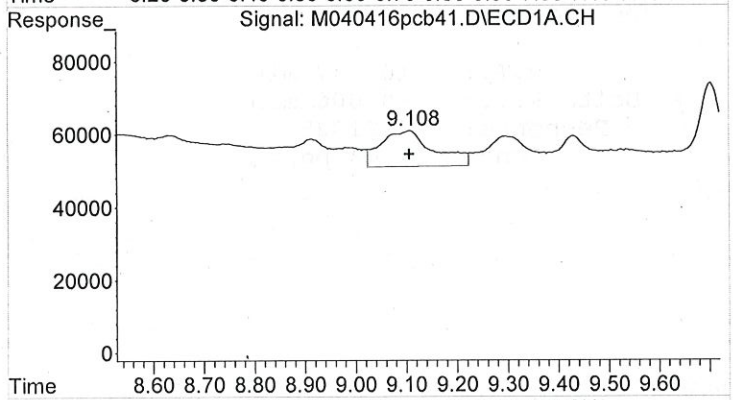
#2 1242 -1

R.T.: 8.633 min
Delta R.T.: -0.004 min
Response: 9410
Conc: 6.51 pg/uL



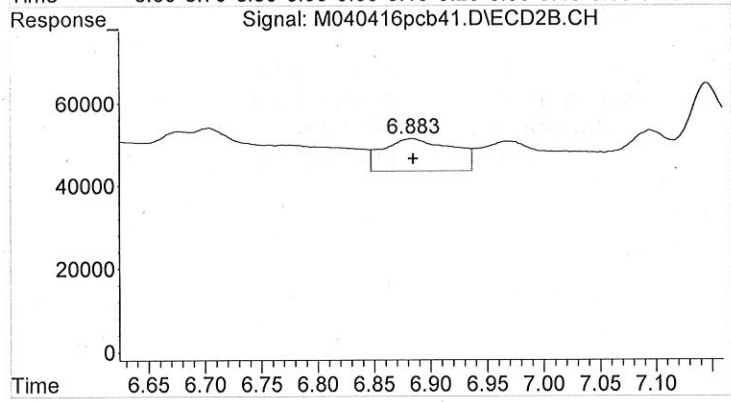
#2 1242 -1

R.T.: 6.702 min
Delta R.T.: -0.001 min
Response: 10755
Conc: 8.99 pg/uL



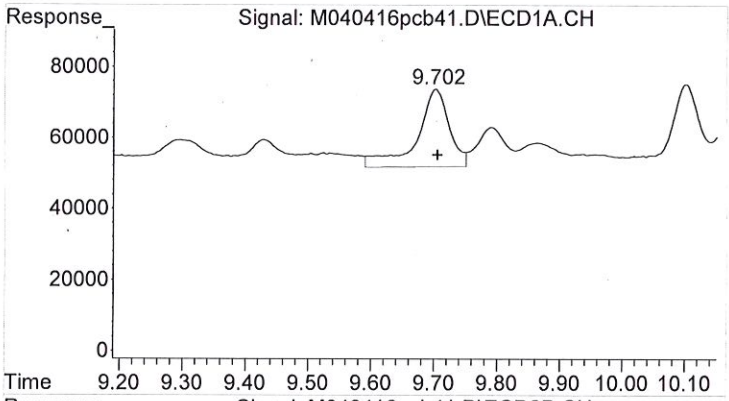
#3 1242-2

R.T.: 9.105 min
Delta R.T.: -0.002 min
Response: 9823
Conc: 0.48 pg/uL



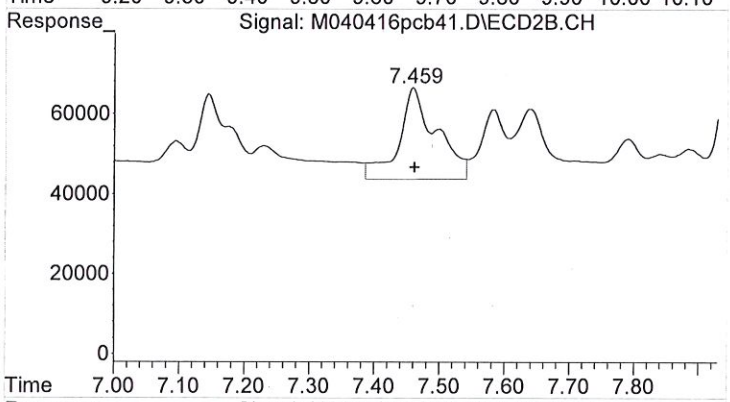
#3 1242-2

R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 7877
Conc: 9.05 pg/uL



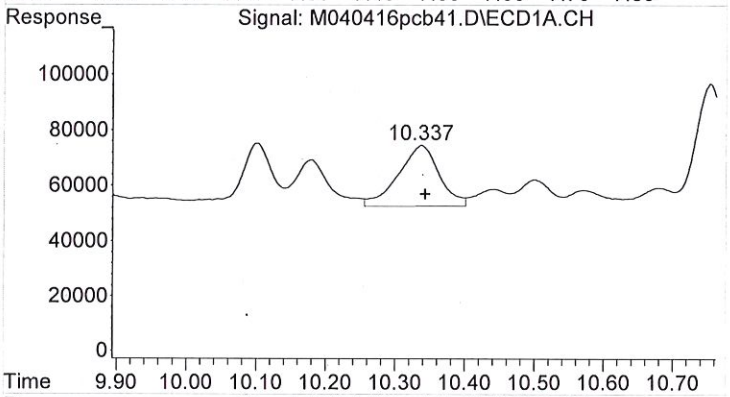
#4 1242-3

R.T.: 9.702 min
Delta R.T.: -0.003 min
Response: 21845
Conc: 29.06 pg/uL



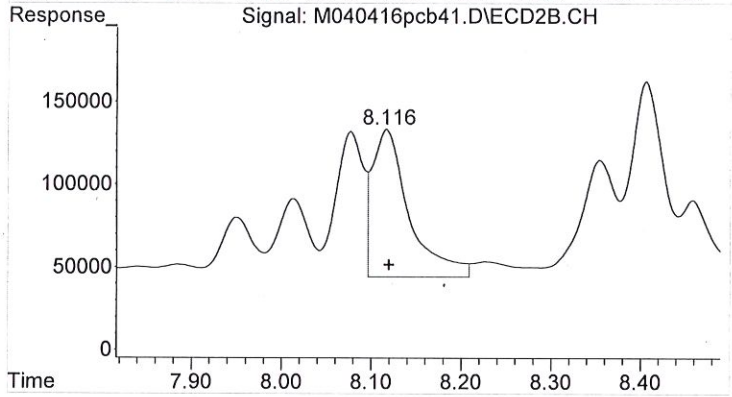
#4 1242-3

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 22681
Conc: 43.79 pg/uL



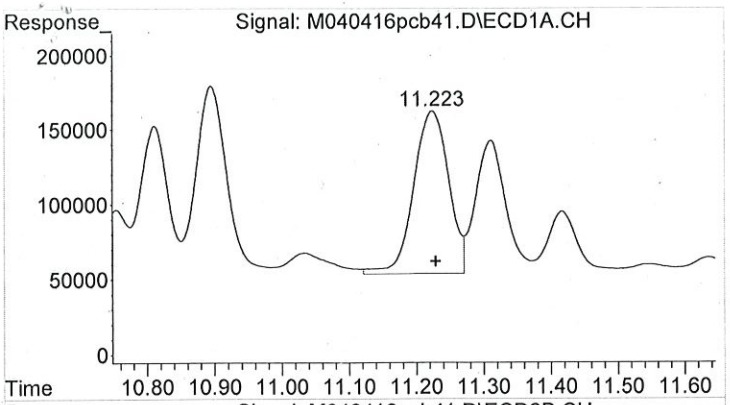
#5 1242-4

R.T.: 10.337 min
Delta R.T.: -0.006 min
Response: 21925
Conc: 27.43 pg/uL



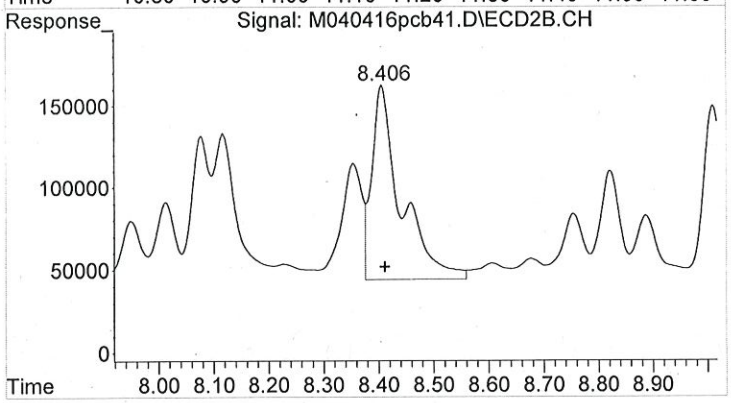
#5 1242-4

R.T.: 8.117 min
Delta R.T.: -0.003 min
Response: 89037
Conc: 209.02 pg/uL



#6 1242-5

R.T.: 11.224 min
Delta R.T.: -0.005 min
Response: 108708
Conc: 156.52 pg/uL



#6 1242-5

R.T.: 8.407 min
Delta R.T.: -0.005 min
Response: 117873
Conc: 387.30 pg/uL

PCB Sample Results Summary

Sample.....: 16124012
Data File....: M040416pcb41.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/05/2016 4:15
Type.....: 0
Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\M040416pcb41.D

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: 41

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 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	100	tmx (1)	6.96	6.97	159599		5	3.8	77 %Rec	
12	2.5	100	dcb	17.73	17.74	80261		5	3.1	62 %Rec	
14	2.5	100	tmx (1) #2	5.04	5.04	131679		5	4.7	95 %Rec	
25	2.5	100	dcb #2	13.70	13.70	96044		5	5.5	110 %Rec	
2	25	1000	1016 -1	-	-	-	d	-	-	2.5 ug (RL)	U
3	25	1000	1016-2	-	-	-	d	-	-	2.5 ug (RL)	U
4	25	1000	1016-3	-	-	-	d	-	-	2.5 ug (RL)	U
5	25	1000	1016-4	-	-	-	d	-	-	2.5 ug (RL)	U
6	25	1000	1016-5	-	-	-	d	-	-	2.5 ug (RL)	U
7	25	1000	1260-1	-	-	-	d	-	-	2.5 ug (RL)	U
8	25	1000	1260-2	-	-	-	d	-	-	2.5 ug (RL)	U
9	25	1000	1260-3	-	-	-	d	-	-	2.5 ug (RL)	U
10	25	1000	1260-4	-	-	-	d	-	-	2.5 ug (RL)	U
11	25	1000	1260-5	-	-	-	d	-	-	2.5 ug (RL)	U
15	25	1000	1016 -1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
16	25	1000	1016-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
17	25	1000	1016-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
18	25	1000	1016-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
19	25	1000	1016-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U
20	25	1000	1260-1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
21	25	1000	1260-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
22	25	1000	1260-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
23	25	1000	1260-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
24	25	1000	1260-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
12674112	1016 Column 1	2.5	ug (RL)	0	NA	Results will be reported from Column 1
12674112	1016 Column 2	2.5	ug (RL)	0	NA	
11096825	1260 Column 1	2.5	ug (RL)	0	NA	
11096825	1260 Column 2	2.5	ug (RL)	0	NA	

[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 2016 DATA\M040416PCBDW\
Data File : M040416pcb41.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 4:15 am
Operator : DWOOD
Sample : 16124012
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 35 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:18:23 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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)	6.963	5.038	159599	131679	3.845	4.728
12) S2 dcb	17.732	13.696	80261	96044	3.089	5.504 #
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	0.000	0.000	0	0	N.D. d	N.D. d
8) L2 1260-2	0.000	0.000	0	0	N.D. d	N.D. d
9) L2 1260-3	0.000	0.000	0	0	N.D. d	N.D. 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.

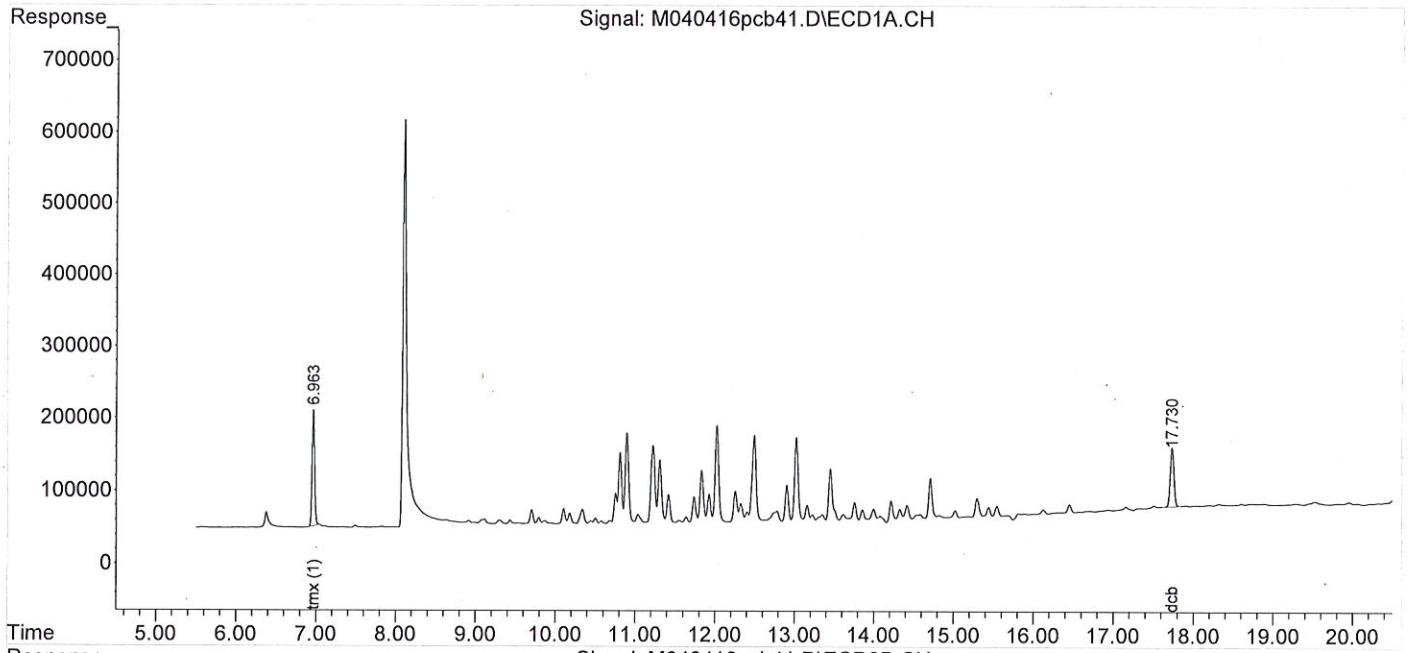
ww
4/6/16

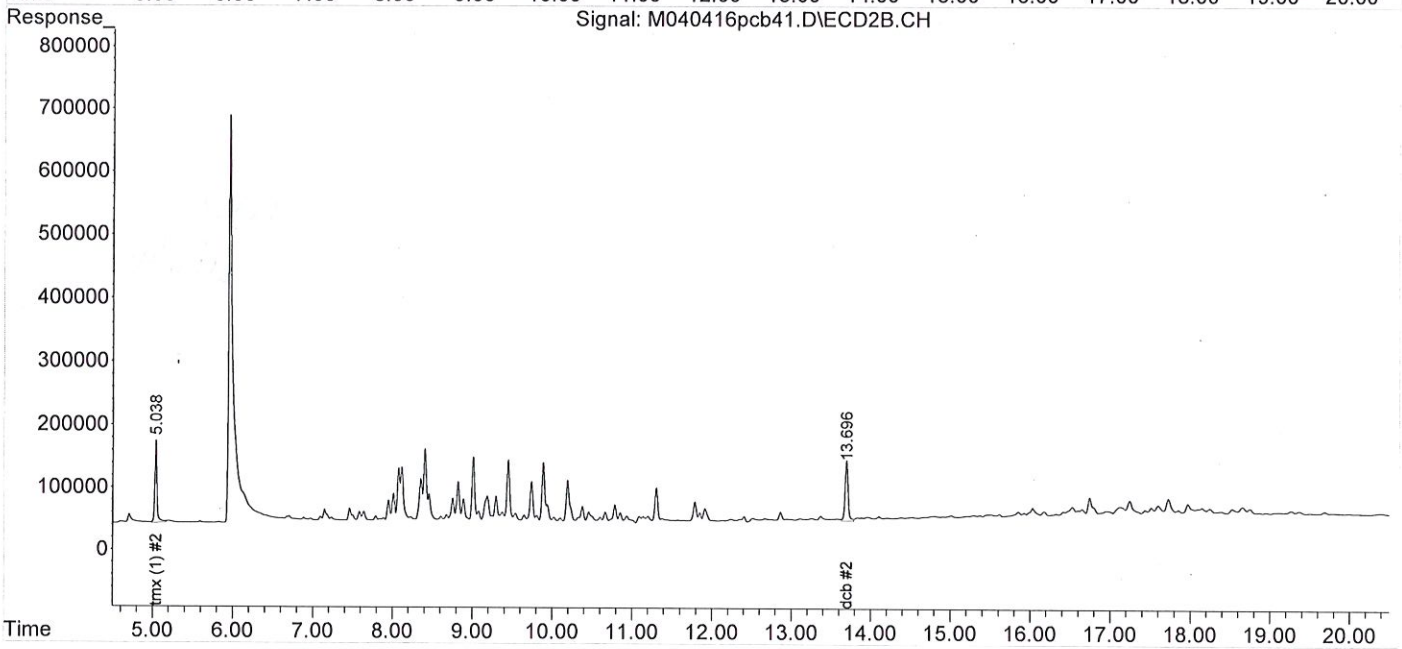
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb41.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 4:15 am
Operator : DWOOD
Sample : 16124012
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 35 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:18:23 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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 2016 DATA\M040416PCBDW\
Data File : M040416pcb41.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 4:15 am
Operator : DWOOD
Sample : 16124012
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 35 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:29:05 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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)	6.963	5.038	159599	131679	3.845	4.728
12) S2 dcb	17.732	13.696	80261	96044	3.089	5.504 #
Target Compounds						
2) L1 1016 -1	0.000	5.592	0	2345	N.D.	N.D.
3) L1 1016-2	0.000	0.000	0	0	N.D.	N.D.
4) L1 1016-3	0.000	6.702	0	10755	N.D.	6.365 #
5) L1 1016-4	0.000	6.883	0	7877	N.D.	6.569 #
6) L1 1016-5	10.101	7.460	20185	22681	19.838	36.638 #
Sum 1016 -1			20185	41313	19.838	45.708
Average 1016 -1					19.838	15.236
7) L2 1260-1	12.903	9.295	49262	42049	21.103	40.398 #
8) L2 1260-2	13.450	9.740	69747	65185	34.527	46.510 #
9) L2 1260-3	13.756	10.193	22726	67627	10.945	63.269 #
10) L2 1260-4	14.215	11.308	28826	54462	15.625	27.870 #
11) L2 1260-5	14.711	11.787	53163	32200	11.946	32.857 #
Sum 1260-1			223724	261523	94.146	210.904
Average 1260-1					18.829	42.181

MW MW MW 1242 MW Below 25

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

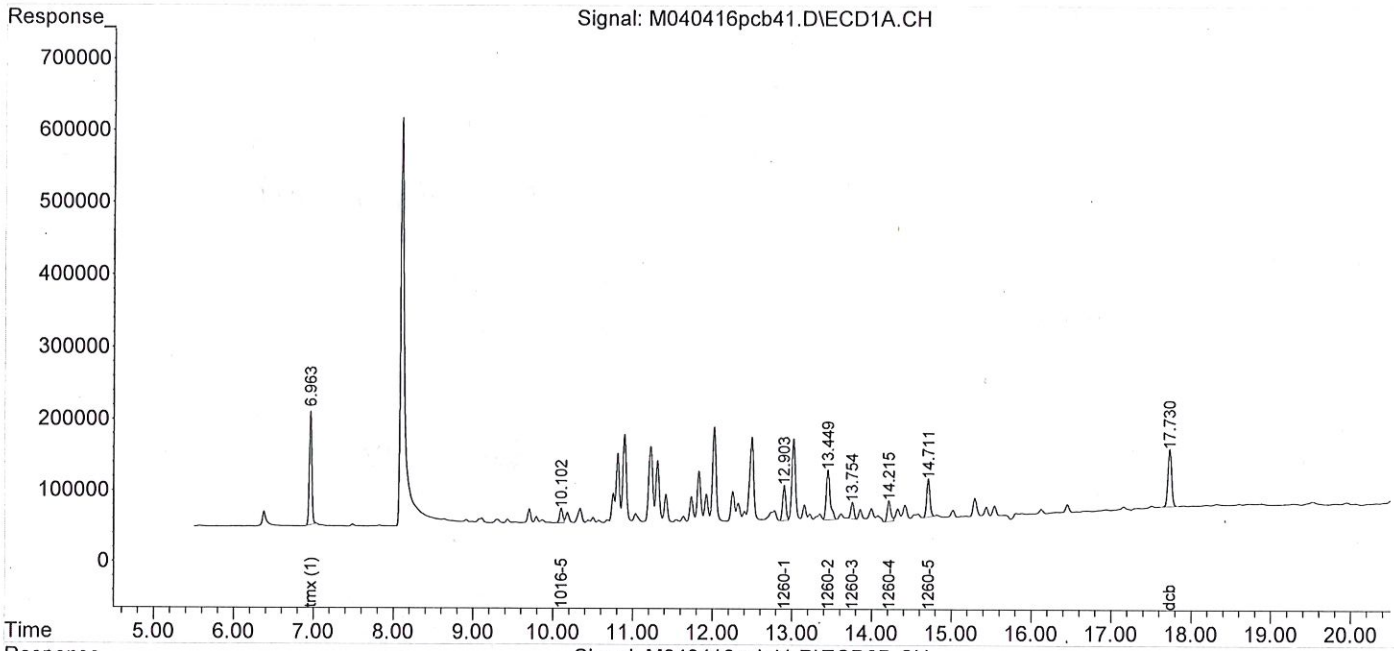
MW 4/6/16

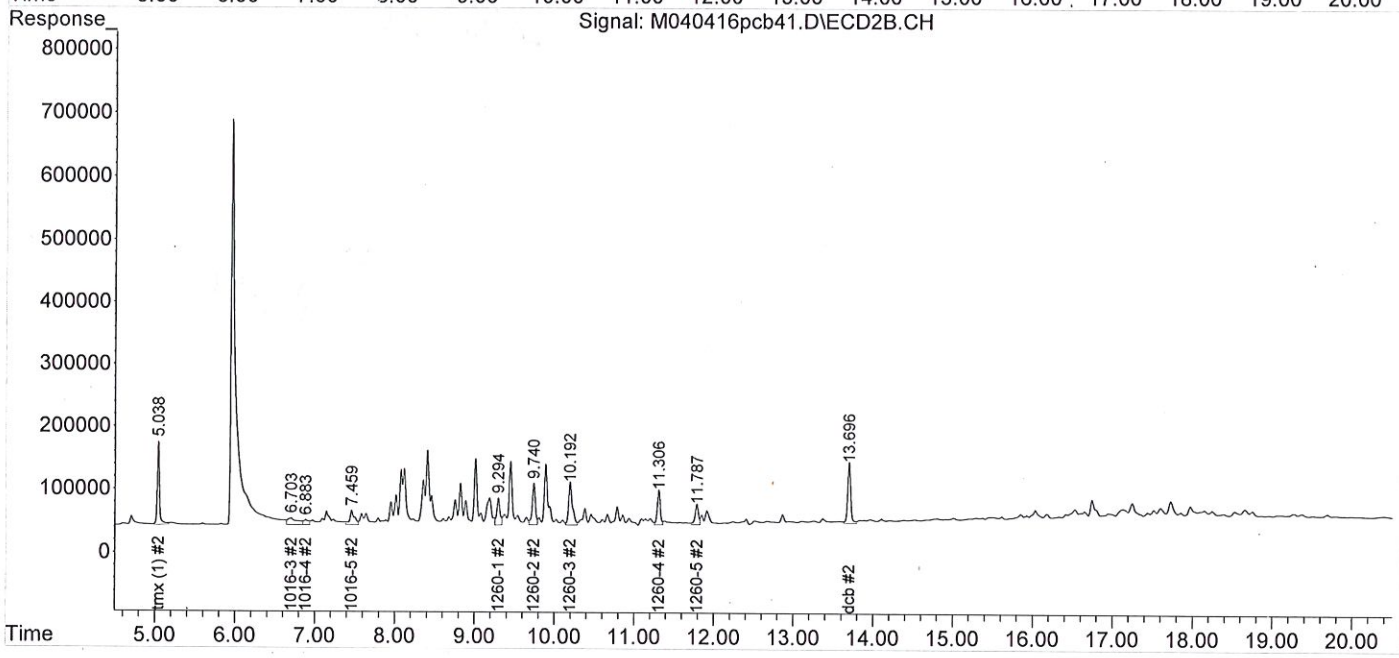
Quantitation Report (Not Reviewed)

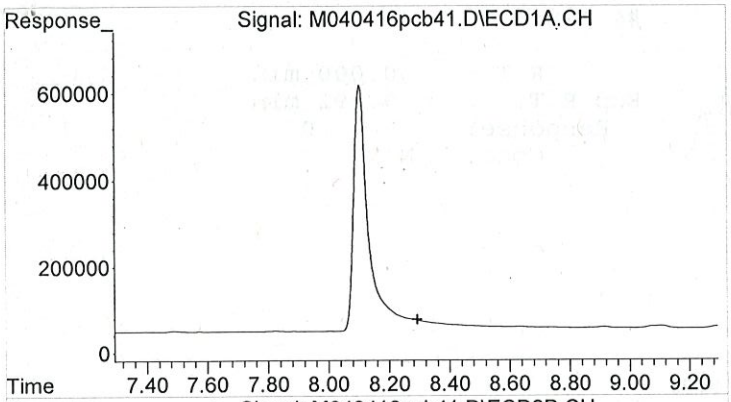
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb41.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2016 4:15 am
Operator : DWOOD
Sample : 16124012
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 35 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:29:05 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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

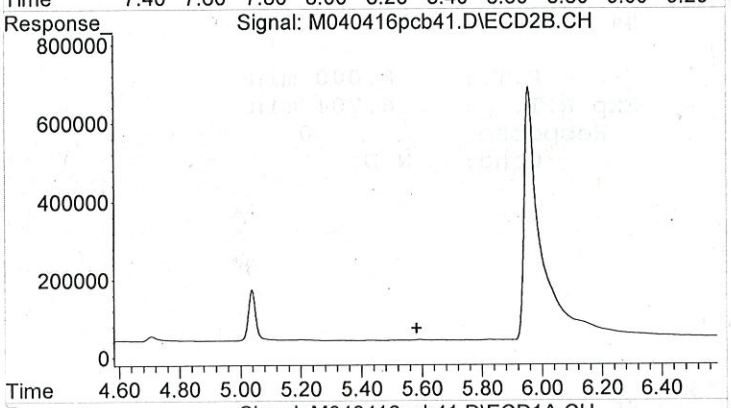






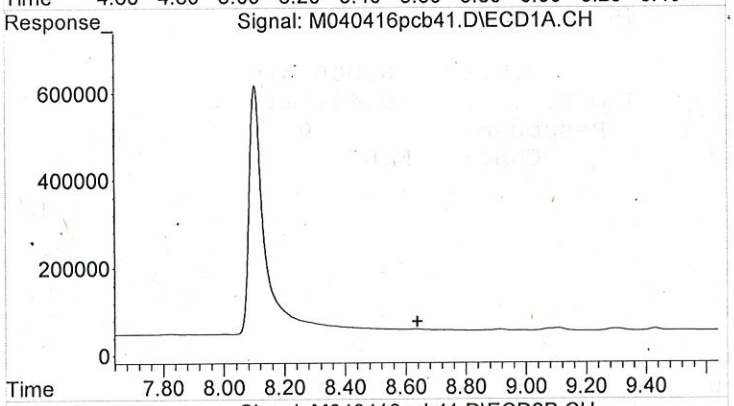
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 8.293 min
Response: 0
Conc: N.D.



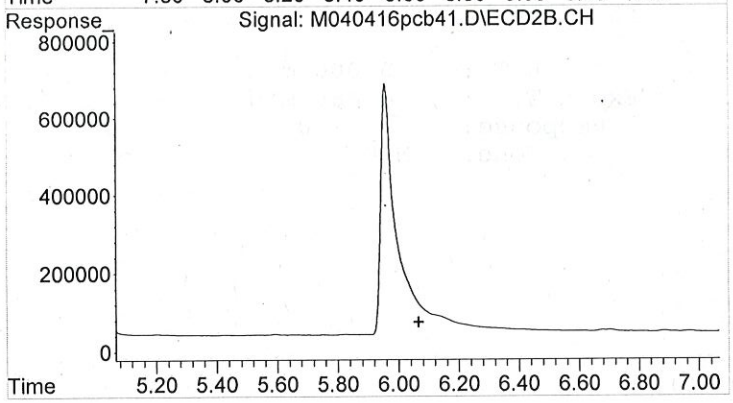
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.583 min
Response: 0
Conc: N.D.



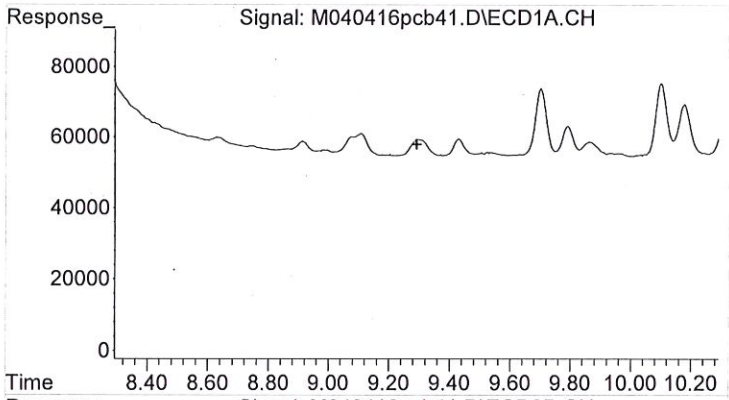
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.639 min
Response: 0
Conc: N.D.



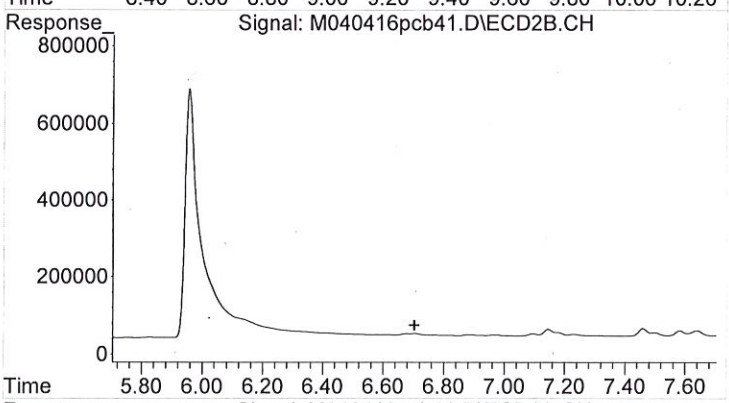
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 6.066 min
Response: 0
Conc: N.D.



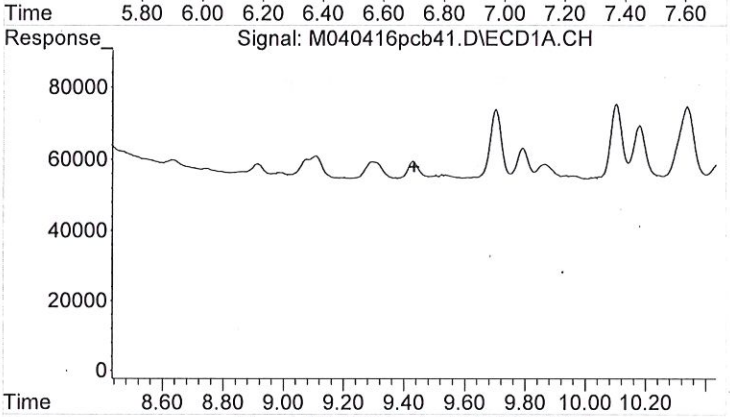
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.292 min
Response: 0
Conc: N.D.



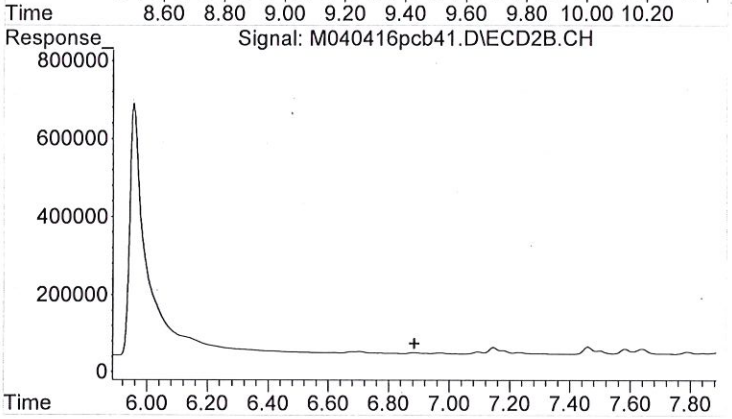
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.704 min
Response: 0
Conc: N.D.



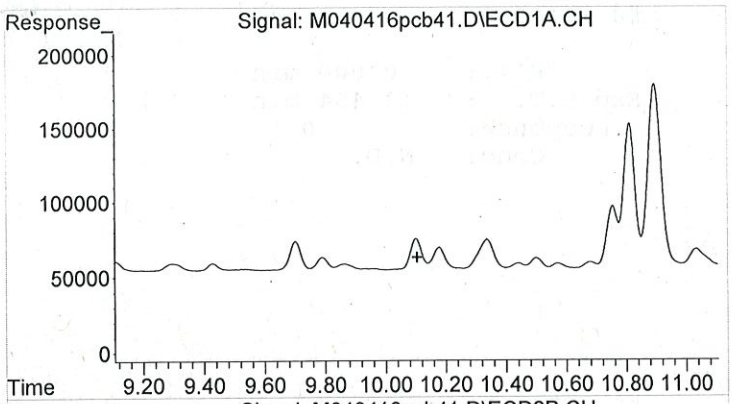
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.434 min
Response: 0
Conc: N.D.



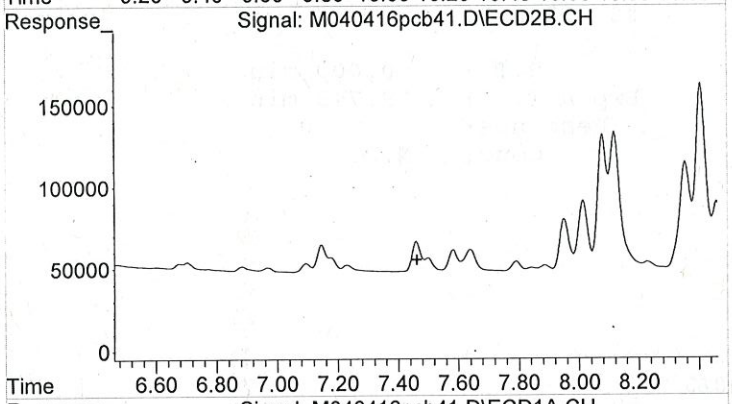
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



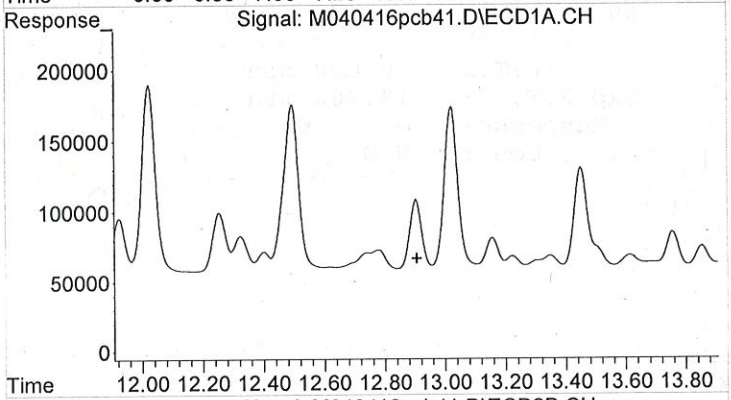
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 10.106 min
Response: 0
Conc: N.D.



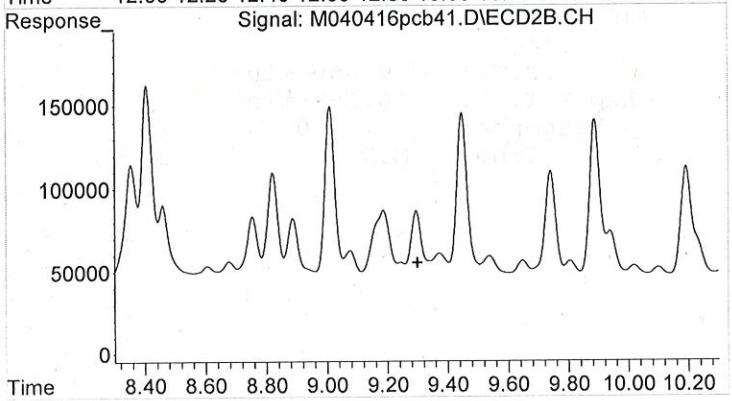
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



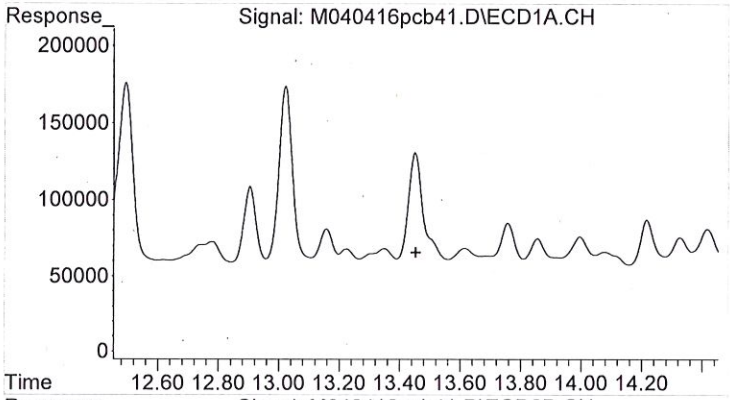
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.907 min
Response: 0
Conc: N.D.



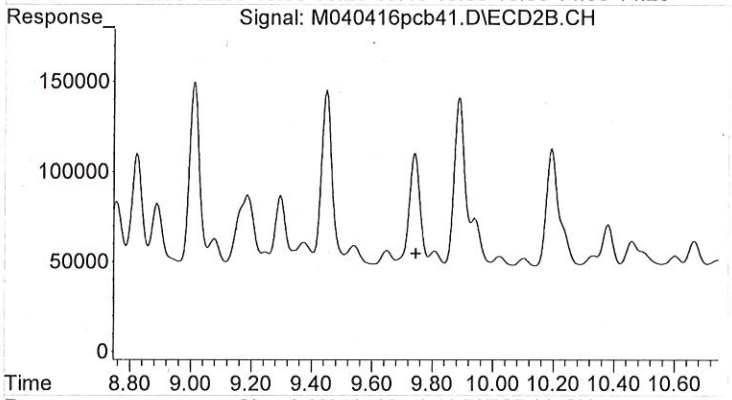
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 9.300 min
Response: 0
Conc: N.D.



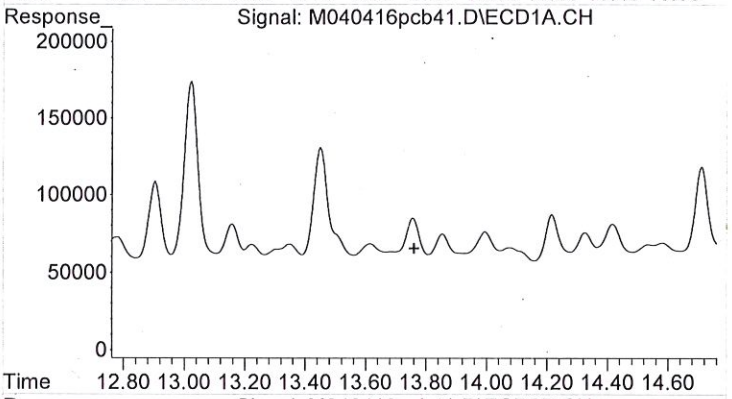
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 13.454 min
Response: 0
Conc: N.D.



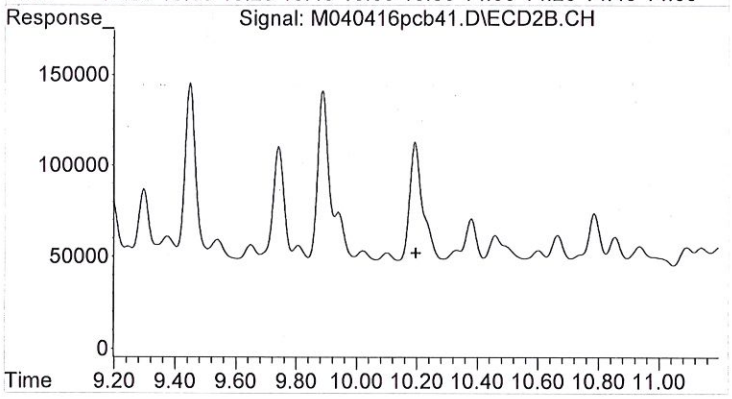
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.745 min
Response: 0
Conc: N.D.



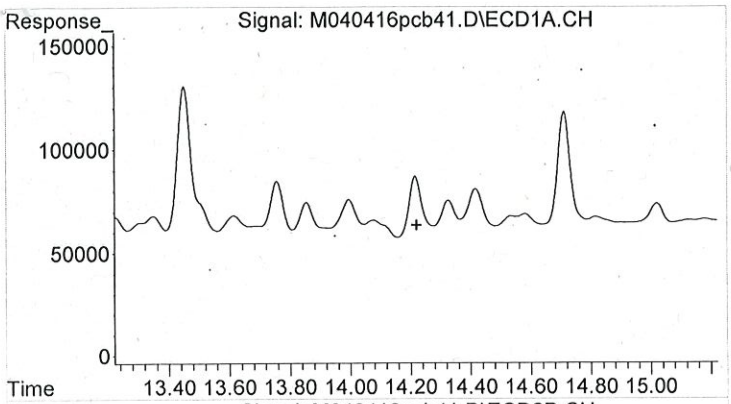
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.762 min
Response: 0
Conc: N.D.



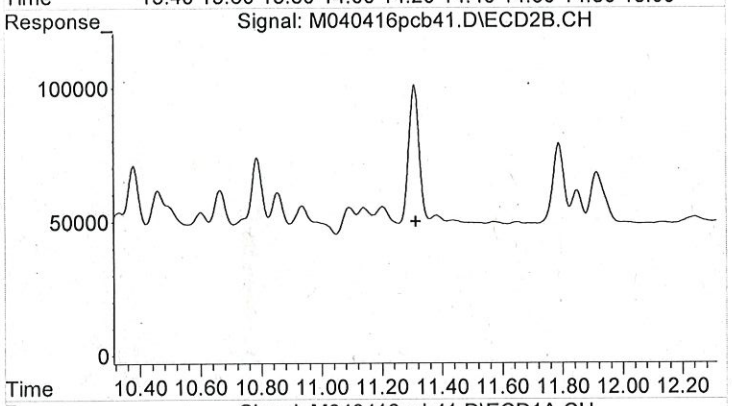
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 10.197 min
Response: 0
Conc: N.D.



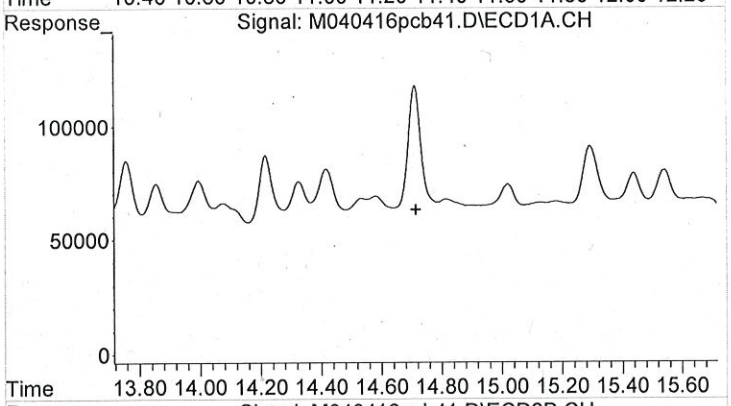
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.221 min
Response: 0
Conc: N.D.



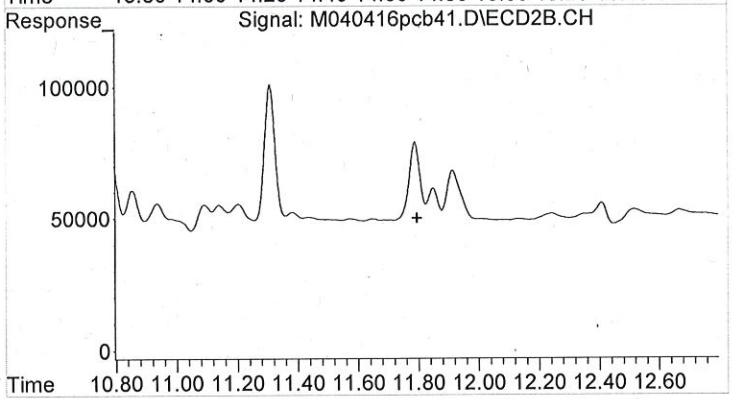
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 11.313 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 14.715 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 11.795 min
Response: 0
Conc: N.D.

PCB Sample Results Summary

Sample.....: 16124013
Data File....: M040416pcb31.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/04/2016 22:29
Type.....: 0
Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\M040416pcb31.D

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: 31

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 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	100	tmx (1)	6.96	6.97	163426		5	4.0	79 %Rec	
12	2.5	100	dcb	17.73	17.74	109890		5	4.5	91 %Rec	
14	2.5	100	tmx (1) #2	5.04	5.04	107509		5	3.8	77 %Rec	
25	2.5	100	dcb #2	13.70	13.70	78901		5	4.4	88 %Rec	
2	25	1000	1016 -1	-	-	-	d	-	-	2.5 ug (RL)	U
3	25	1000	1016-2	-	-	-	d	-	-	2.5 ug (RL)	U
4	25	1000	1016-3	-	-	-	d	-	-	2.5 ug (RL)	U
5	25	1000	1016-4	-	-	-	d	-	-	2.5 ug (RL)	U
6	25	1000	1016-5	-	-	-	d	-	-	2.5 ug (RL)	U
7	25	1000	1260-1	-	-	-	d	-	-	2.5 ug (RL)	U
8	25	1000	1260-2	-	-	-	d	-	-	2.5 ug (RL)	U
9	25	1000	1260-3	-	-	-	d	-	-	2.5 ug (RL)	U
10	25	1000	1260-4	-	-	-	d	-	-	2.5 ug (RL)	U
11	25	1000	1260-5	-	-	-	d	-	-	2.5 ug (RL)	U
15	25	1000	1016 -1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
16	25	1000	1016-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
17	25	1000	1016-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
18	25	1000	1016-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
19	25	1000	1016-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U
20	25	1000	1260-1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
21	25	1000	1260-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
22	25	1000	1260-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
23	25	1000	1260-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
24	25	1000	1260-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
12674112	1016 Column 1	2.5	ug (RL)	0	NA	Results will be reported from Column 1
12674112	1016 Column 2	2.5	ug (RL)	0	NA	
11096825	1260 Column 1	2.5	ug (RL)	0	NA	
11096825	1260 Column 2	2.5	ug (RL)	0	NA	

[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 2016 DATA\M040416PCBDW\
Data File : M040416pcb31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 10:29 pm
Operator : DWOOD
Sample : 16124013
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 28 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:05:31 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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	5.039	163426	107509	3.958	3.827
12) S2 dcb	17.733	13.699	109890	78901	4.526	4.416
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	0.000	0.000	0	0	N.D. d	N.D. d
8) L2 1260-2	0.000	0.000	0	0	N.D. d	N.D. d
9) L2 1260-3	0.000	0.000	0	0	N.D. d	N.D. 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.

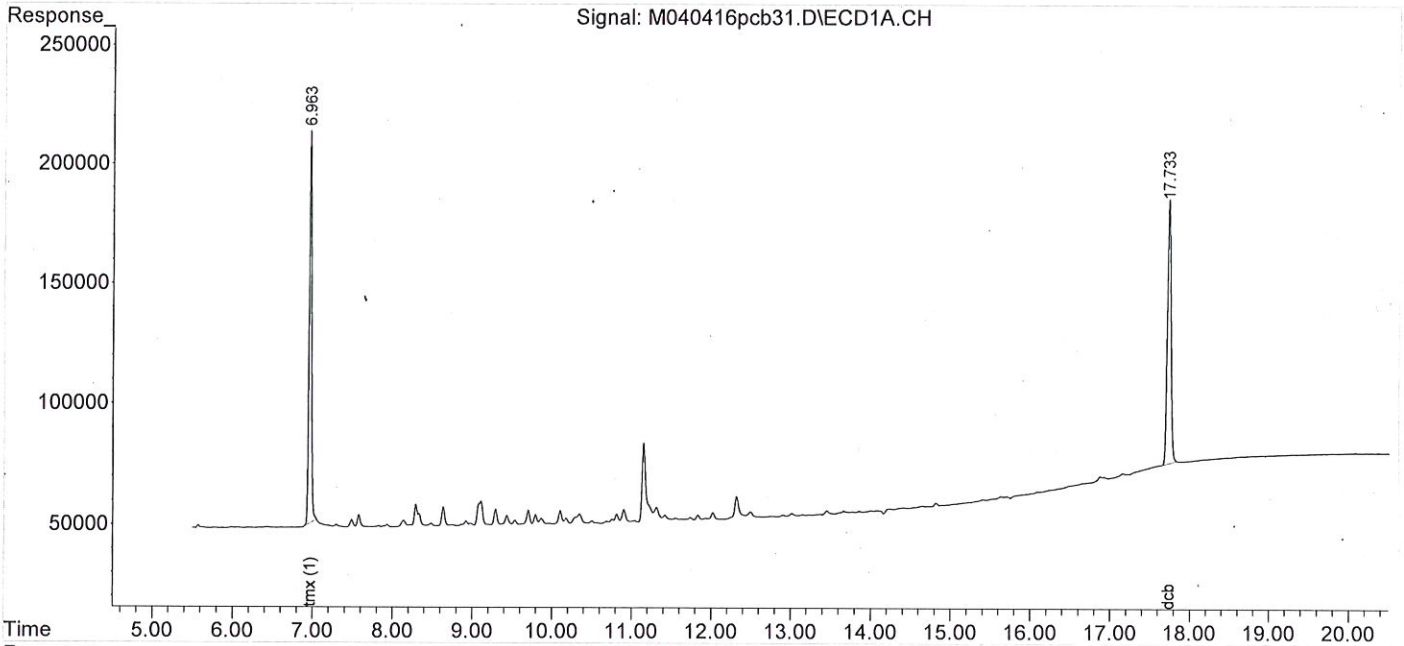
4/6/16

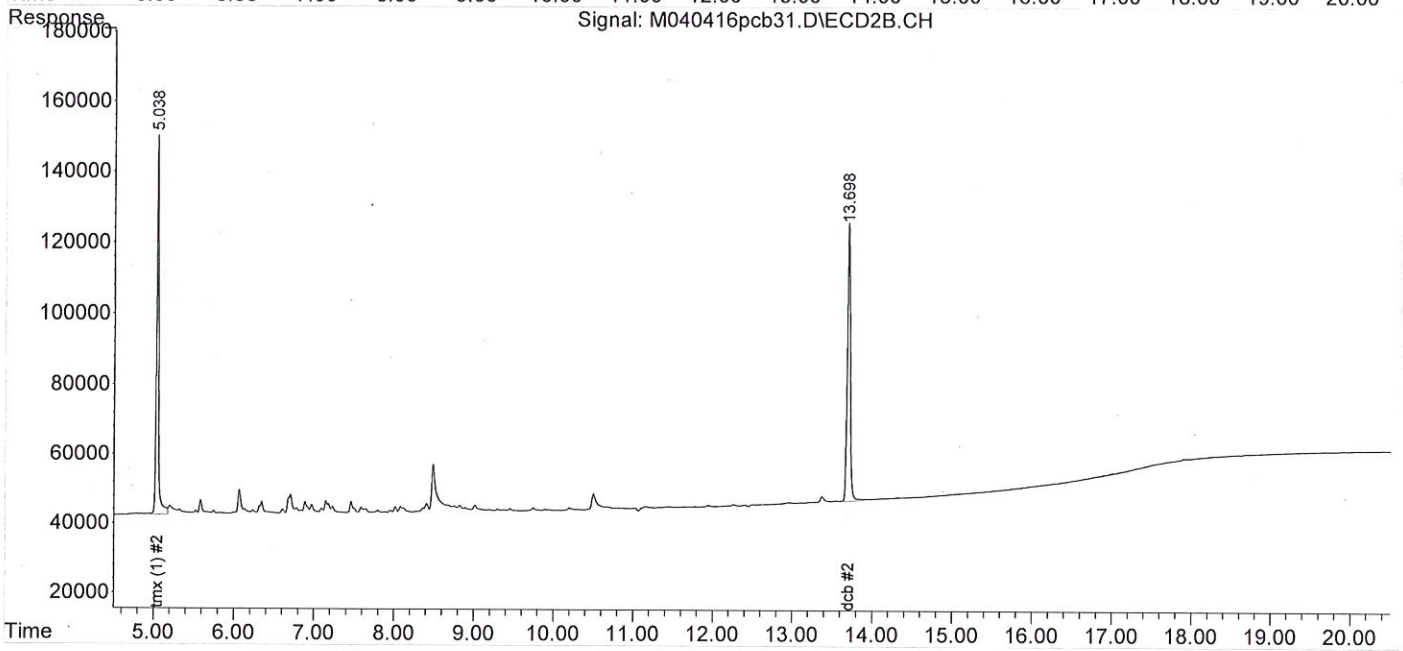
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 10:29 pm
Operator : DWOOD
Sample : 16124013
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 28 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:05:31 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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 2016 DATA\M040416PCBDW\
Data File : M040416pcb31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 10:29 pm
Operator : DWOOD
Sample : 16124013
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 28 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:28:29 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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	5.039	163426	107509	3.958	3.827
12) S2 dcb	17.733	13.699	109890	78901	4.526	4.416
Target Compounds						
2) L1 1016 -1	0.000	5.585	0	4019	N.D.	N.D.
3) L1 1016-2	0.000	6.065	0	6897	N.D.	1.801 #
4) L1 1016-3	0.000	6.703	0	5391	N.D.	1.282 #
5) L1 1016-4	0.000	6.886	0	3284	N.D.	N.D.
6) L1 1016-5	0.000	7.462	0	3247	N.D.	N.D.
Sum 1016 -1			0	12287	N.D.	1.958
Average 1016 -1					0.000	0.979
7) L2 1260-1	0.000	9.297	0	742	N.D.	N.D.
8) L2 1260-2	0.000	9.746	0	1046	N.D.	N.D.
9) L2 1260-3	0.000	10.195	0	931	N.D.	N.D.
10) L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11) L2 1260-5	0.000	11.775	0	628	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.

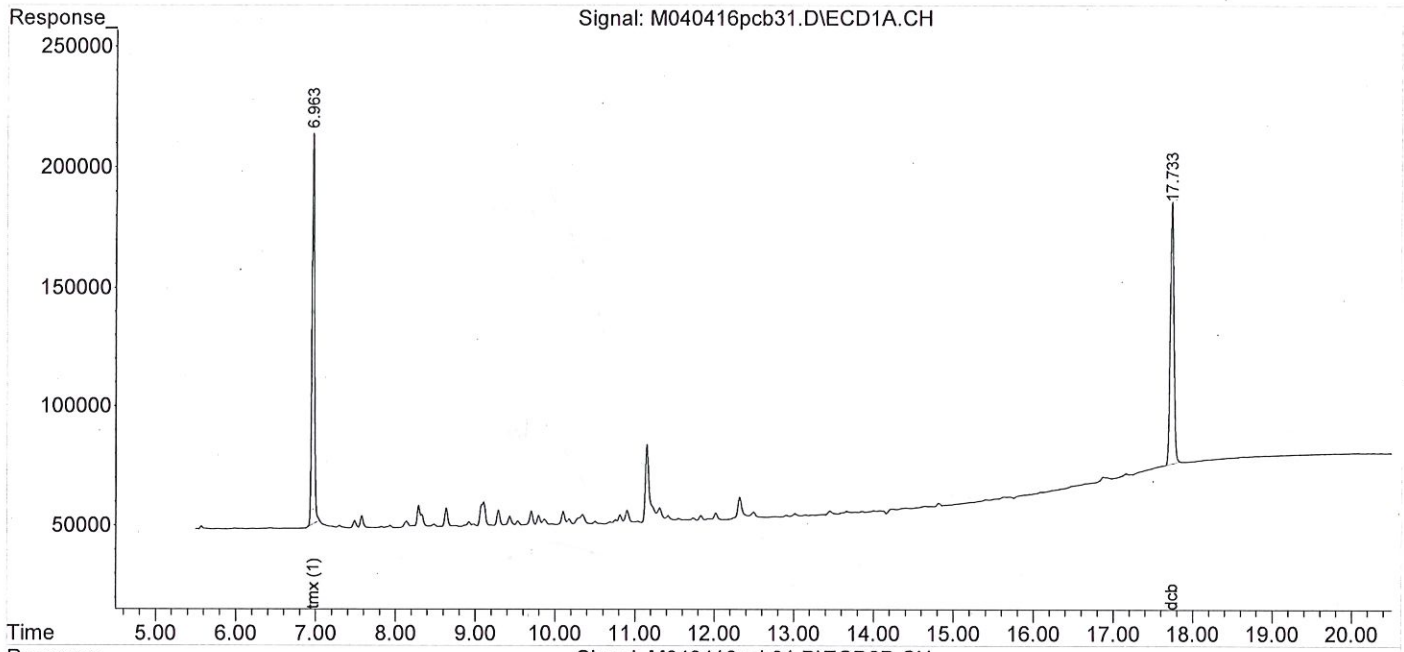
4/6/16

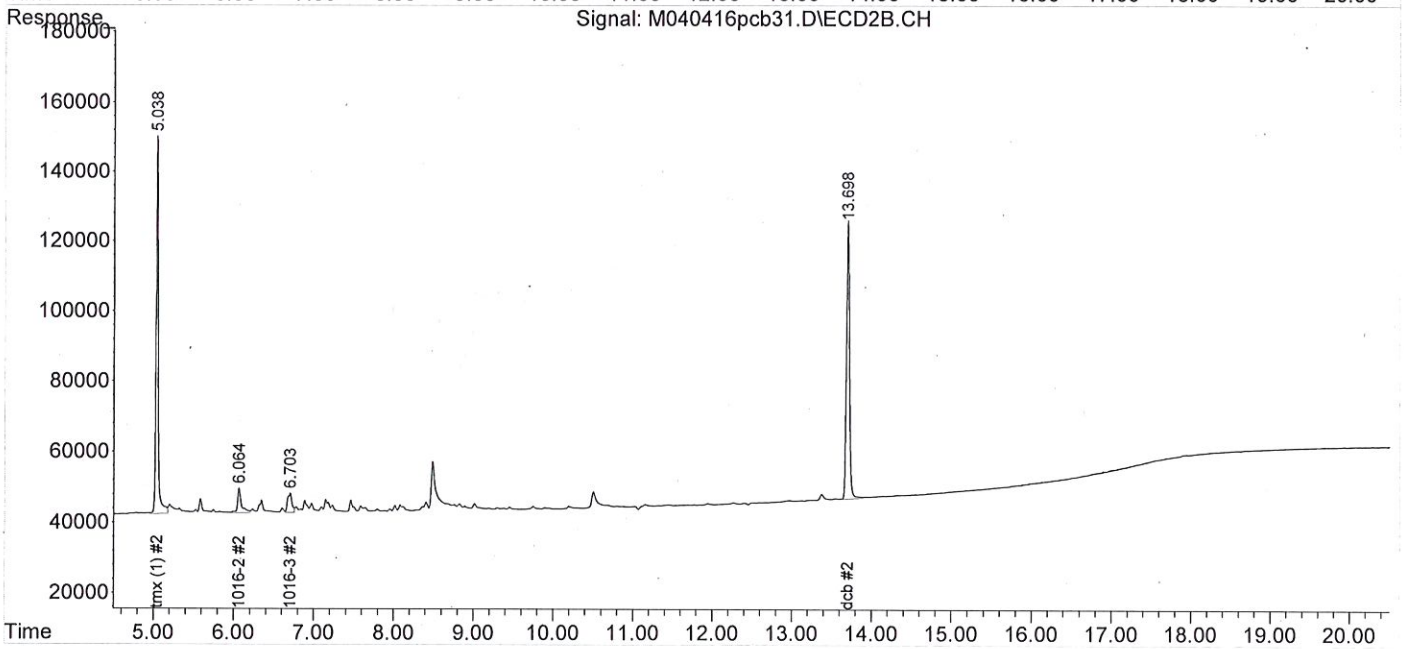
Quantitation Report (Not Reviewed)

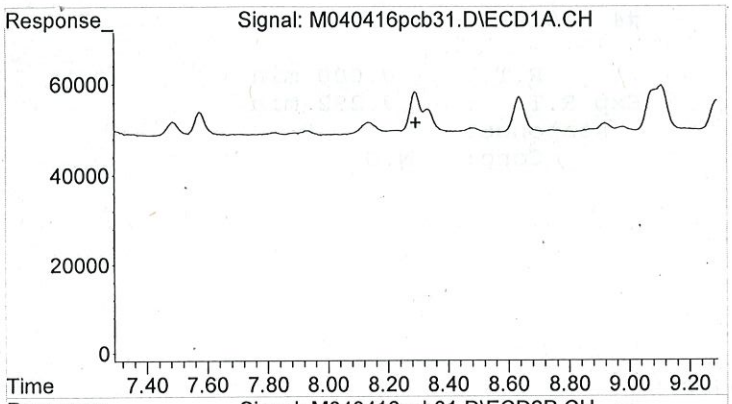
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 10:29 pm
Operator : DWOOD
Sample : 16124013
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 28 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:28:29 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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

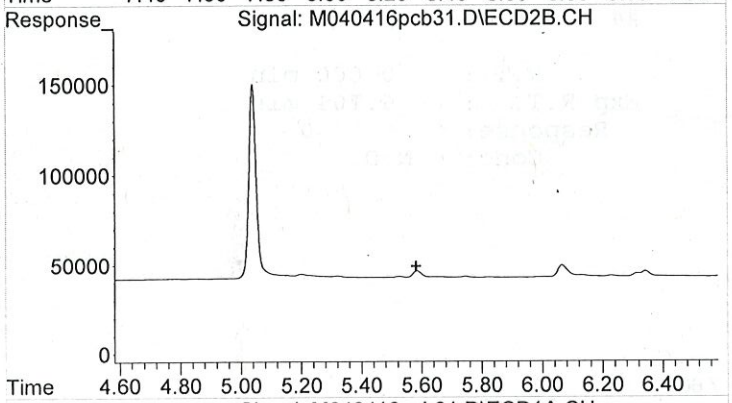






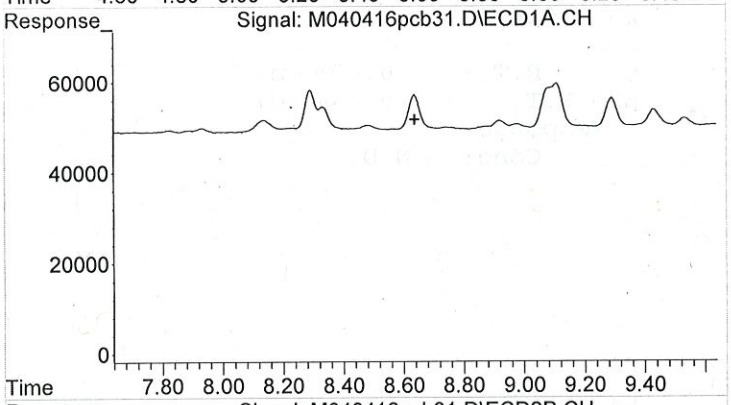
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 8.293 min
Response: 0
Conc: N.D.



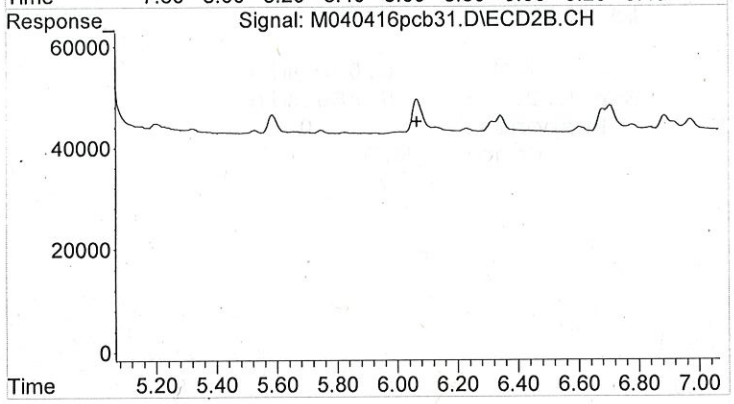
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.583 min
Response: 0
Conc: N.D.



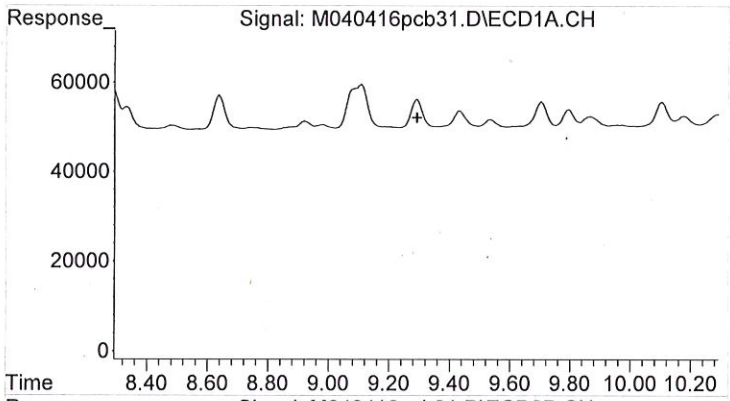
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.639 min
Response: 0
Conc: N.D.



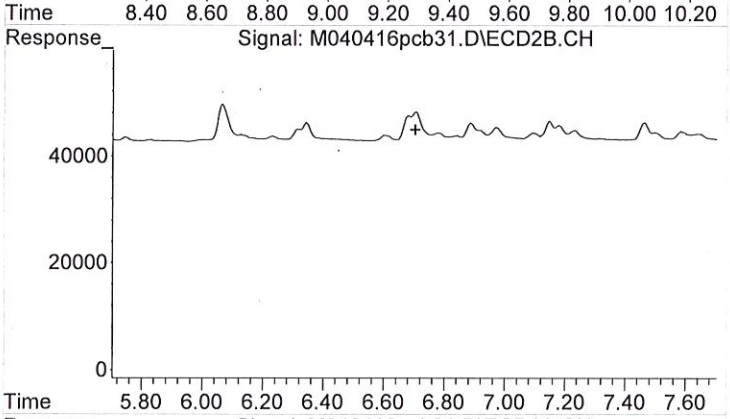
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 6.066 min
Response: 0
Conc: N.D.



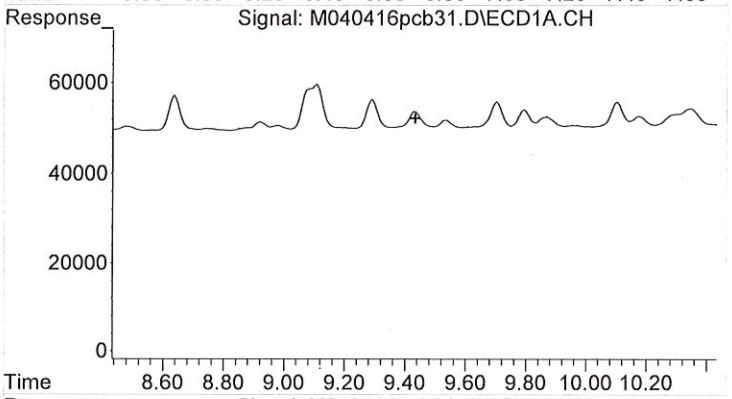
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.292 min
Response: 0
Conc: N.D.



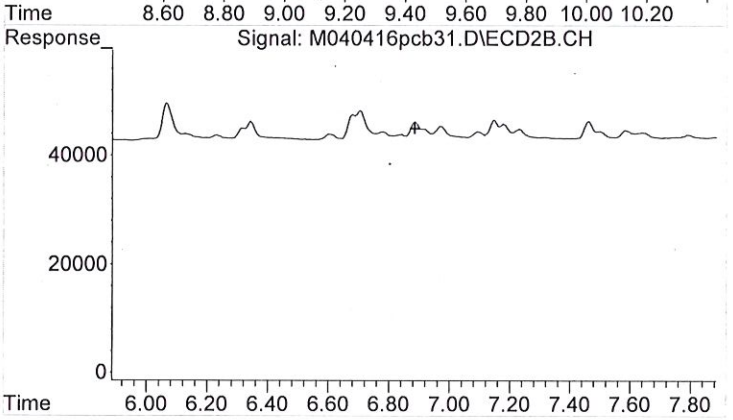
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.704 min
Response: 0
Conc: N.D.



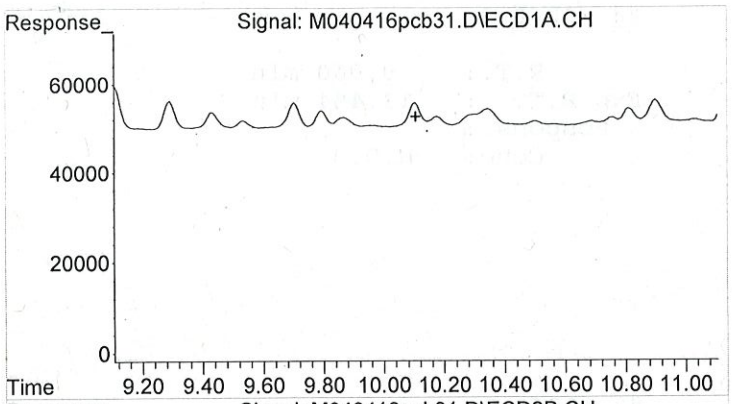
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.434 min
Response: 0
Conc: N.D.



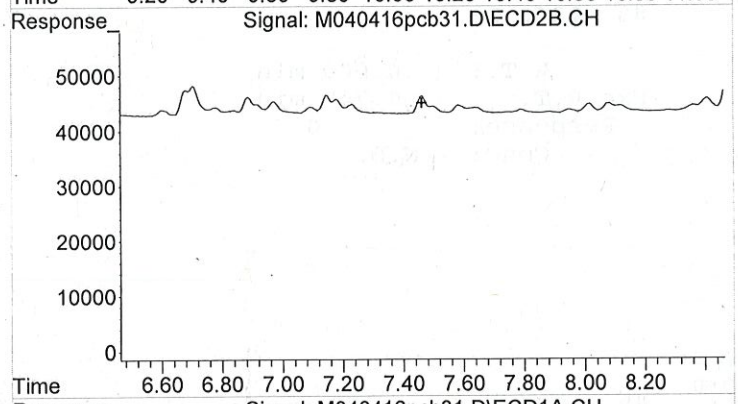
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



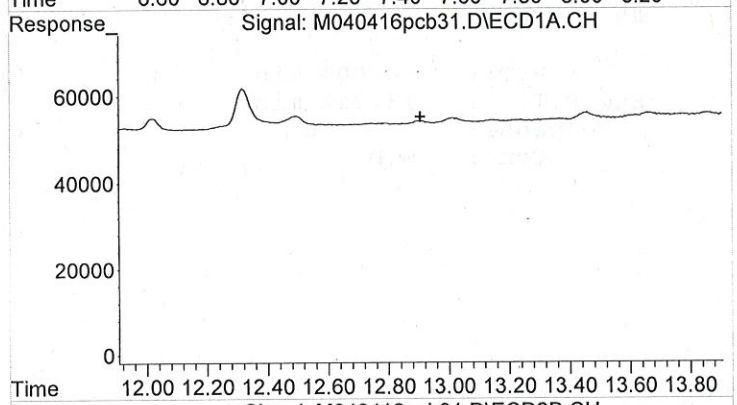
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 10.106 min
Response: 0
Conc: N.D.



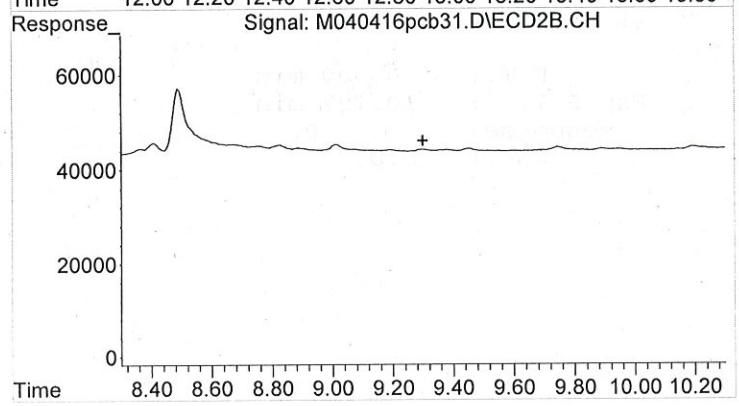
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



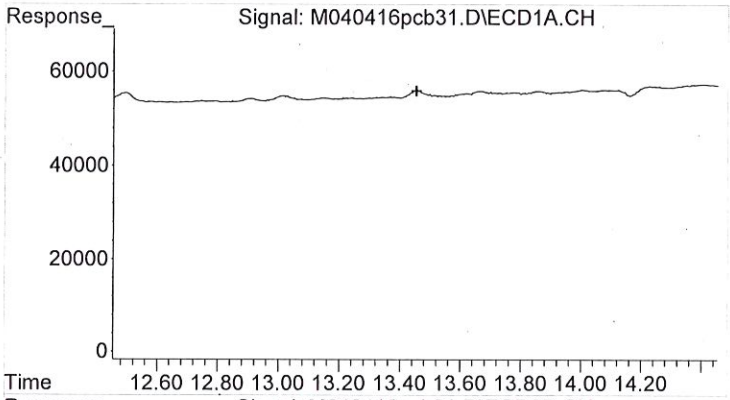
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.907 min
Response: 0
Conc: N.D.



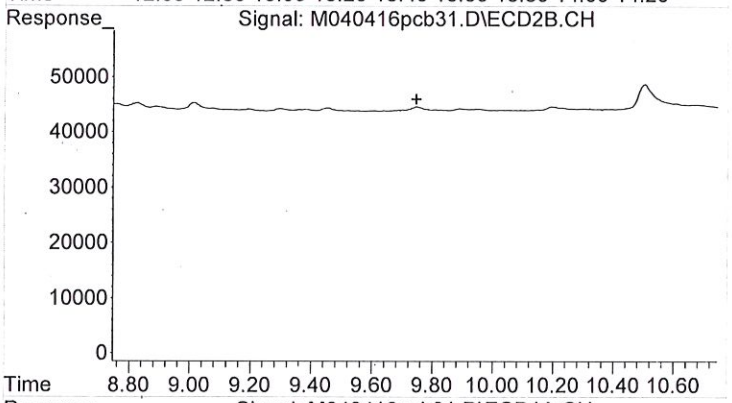
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 9.300 min
Response: 0
Conc: N.D.



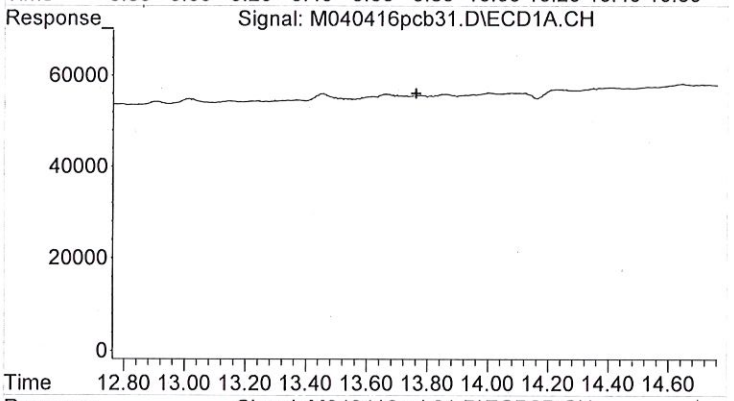
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 13.454 min
Response: 0
Conc: N.D.



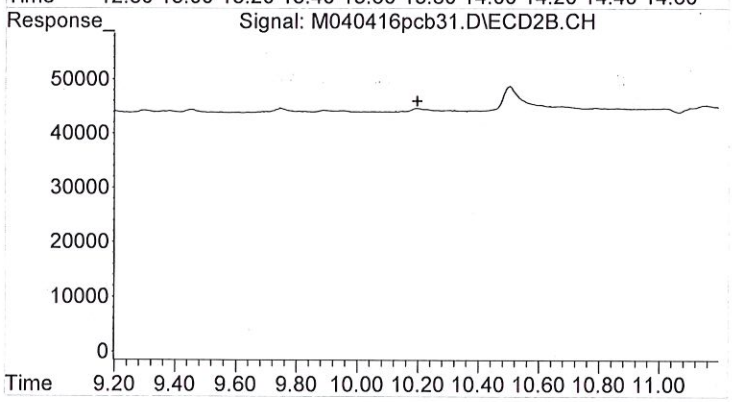
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.745 min
Response: 0
Conc: N.D.



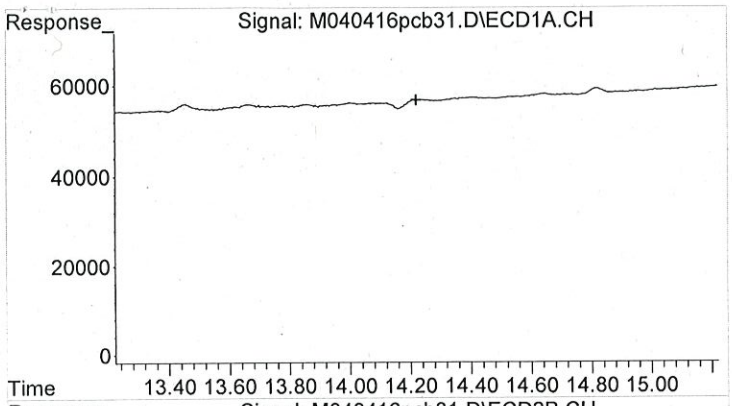
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.762 min
Response: 0
Conc: N.D.



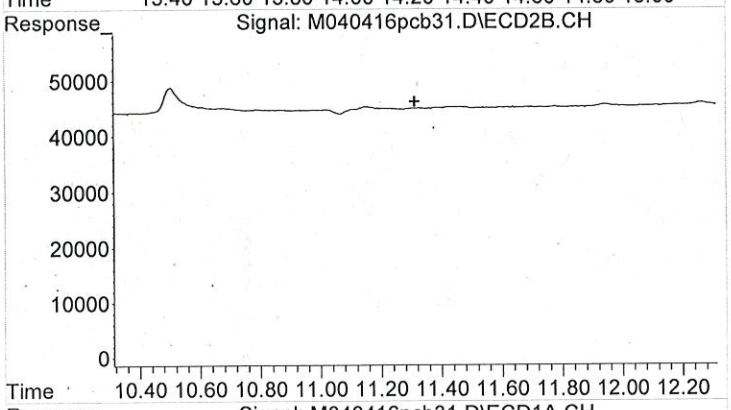
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 10.197 min
Response: 0
Conc: N.D.



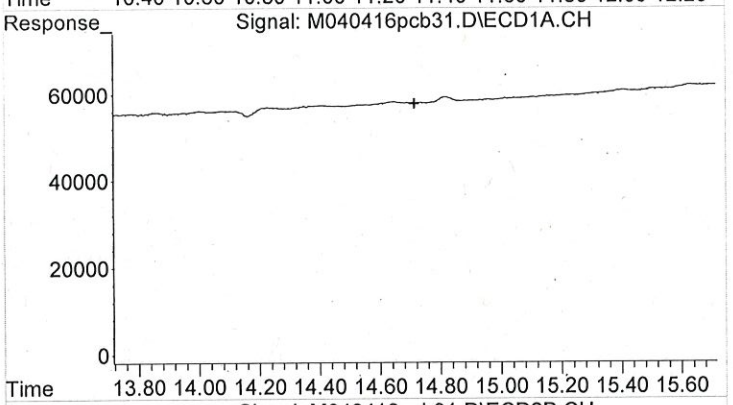
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.221 min
Response: 0
Conc: N.D.



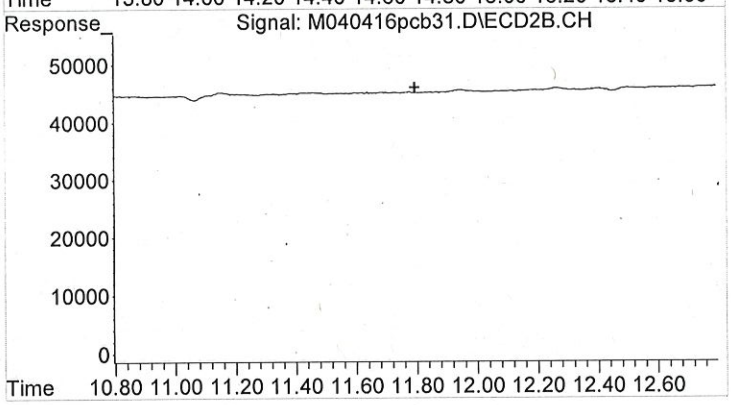
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 11.313 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 14.715 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 11.795 min
Response: 0
Conc: N.D.

PCB Sample Results Summary

Sample.....: 16124013
Data File....: M040416pcb31.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/04/2016 22:29
Type.....: 0
Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB1242.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M040416pcb31.D

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: na

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 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)	-	-	-					
7	25	1000	dcb	-	-	-	d				
9	25	1000	tmx (1) #2	-	-	-					
15	25	1000	dcb #2	-	-	-	d				
2	25	1000	1242 -1	-	-	-	d	-	-	2.5 ug (RL)	U
3	25	1000	1242-2	-	-	-	d	-	-	2.5 ug (RL)	U
4	25	1000	1242-3	-	-	-	d	-	-	2.5 ug (RL)	U
5	25	1000	1242-4	-	-	-	d	-	-	2.5 ug (RL)	U
6	25	1000	1242-5	-	-	-	d	-	-	2.5 ug (RL)	U
10	25	1000	1242 -1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
11	25	1000	1242-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
12	25	1000	1242-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
13	25	1000	1242-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
14	25	1000	1242-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
53469219	1242 Column 1	2.5	ug (RL)	0	NA	Results will be reported from Column 1
53469219	1242 Column 2	2.5	ug (RL)	0	NA	

[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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 10:29 pm
Operator : DWOOD
Sample : 16124013
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 28 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:21:34 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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.

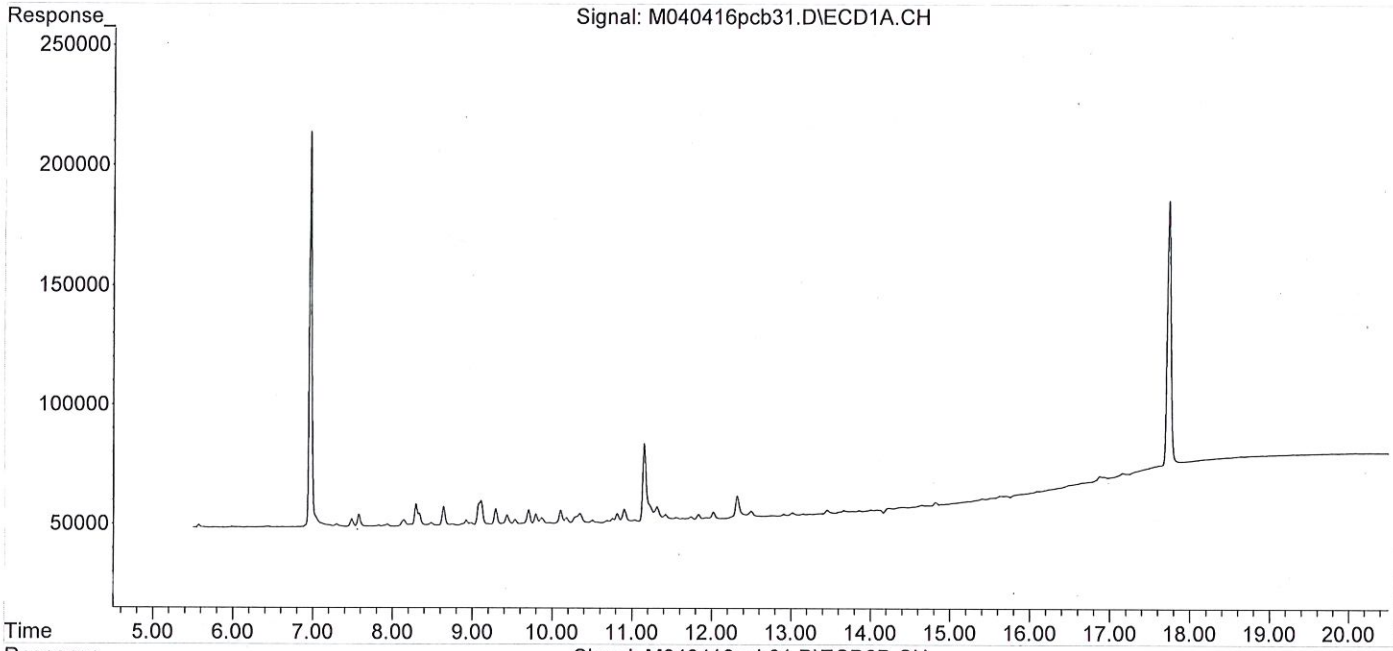
hw
4/12/16

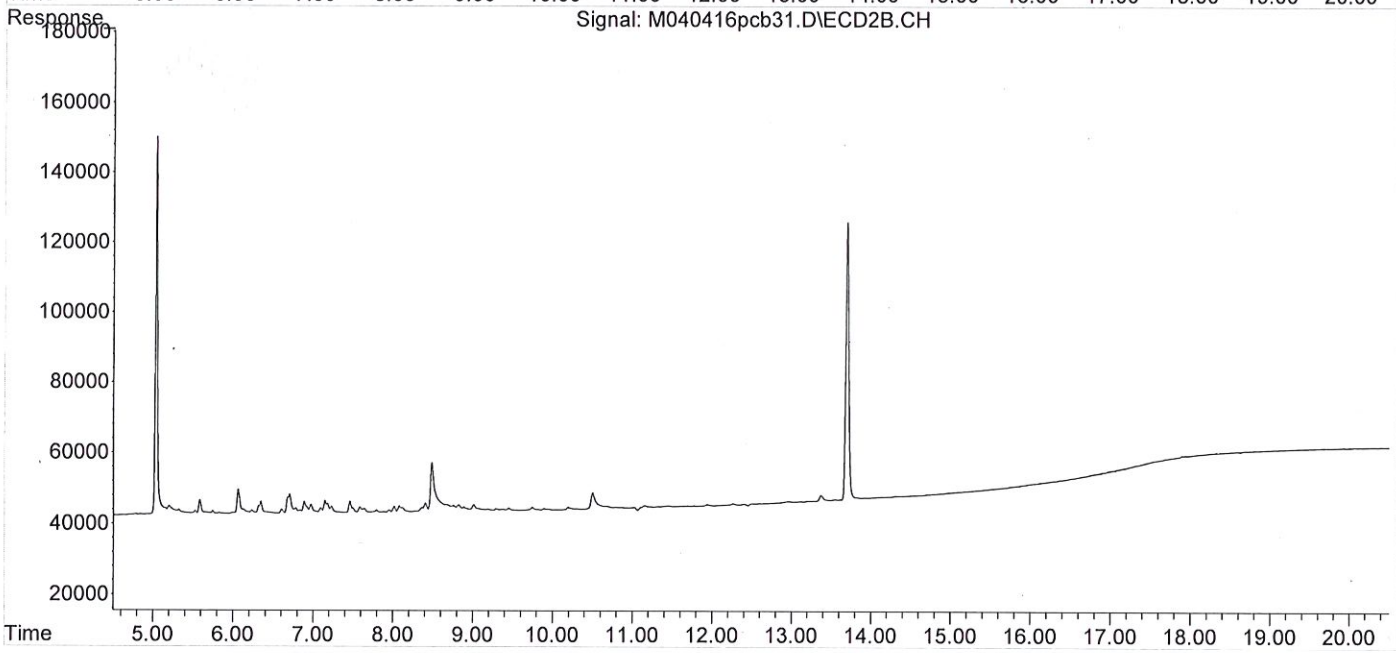
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 10:29 pm
Operator : DWOOD
Sample : 16124013
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 28 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:21:34 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 10:29 pm
Operator : DWOOD
Sample : 16124013
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 28 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:58:33 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	11.310	0.000	~~5806~~	0	NoCal	N.D.
Target Compounds						
2) L1 1242 -1	8.636	6.703	7730	5391	4.372	3.236 #
3) L1 1242-2	9.104	6.886	9960	3284	0.563	0.322 #
4) L1 1242-3	9.701	7.462	5772	3247	2.864	1.879 #
5) L1 1242-4	10.344	8.080	3961	1754	0.530	1.362 #
6) L1 1242-5	0.000	8.408	0	2506	N.D.	4.341 #
Sum 1242 -1			27422	16182	8.329	11.141
Average 1242 -1					2.082	2.228

Below 25

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

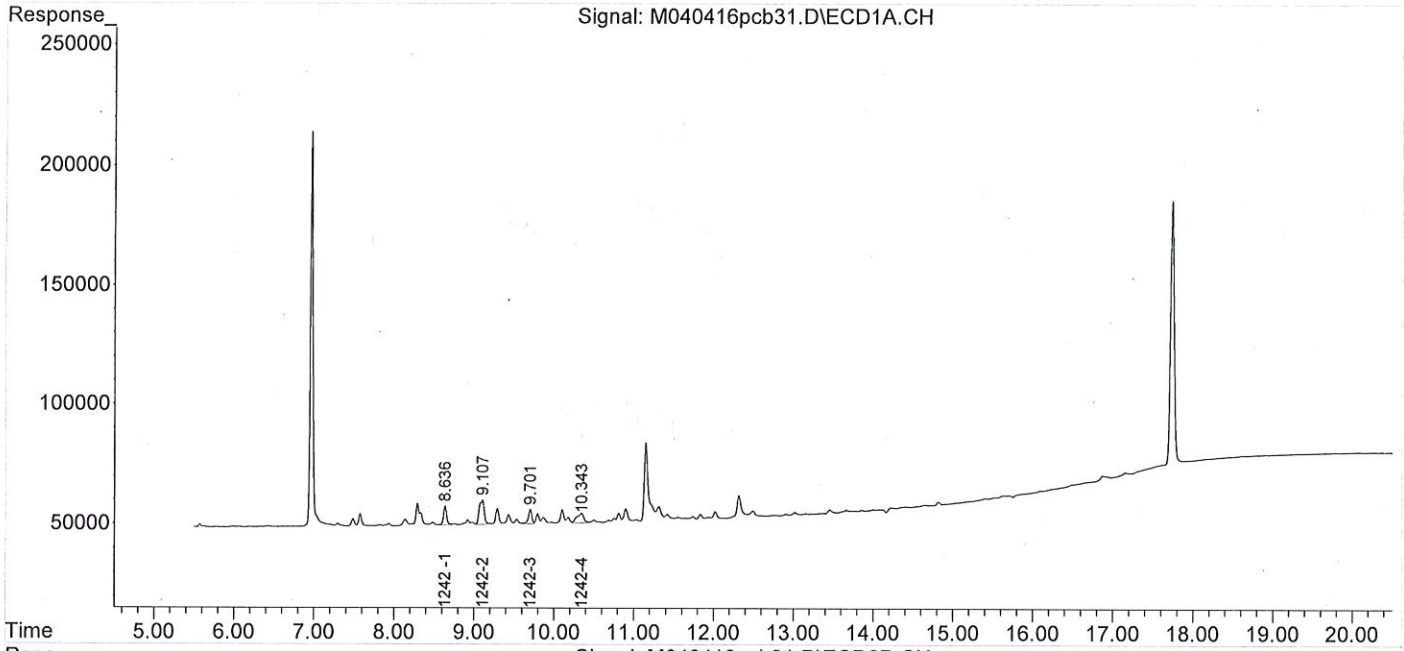
4/11/16

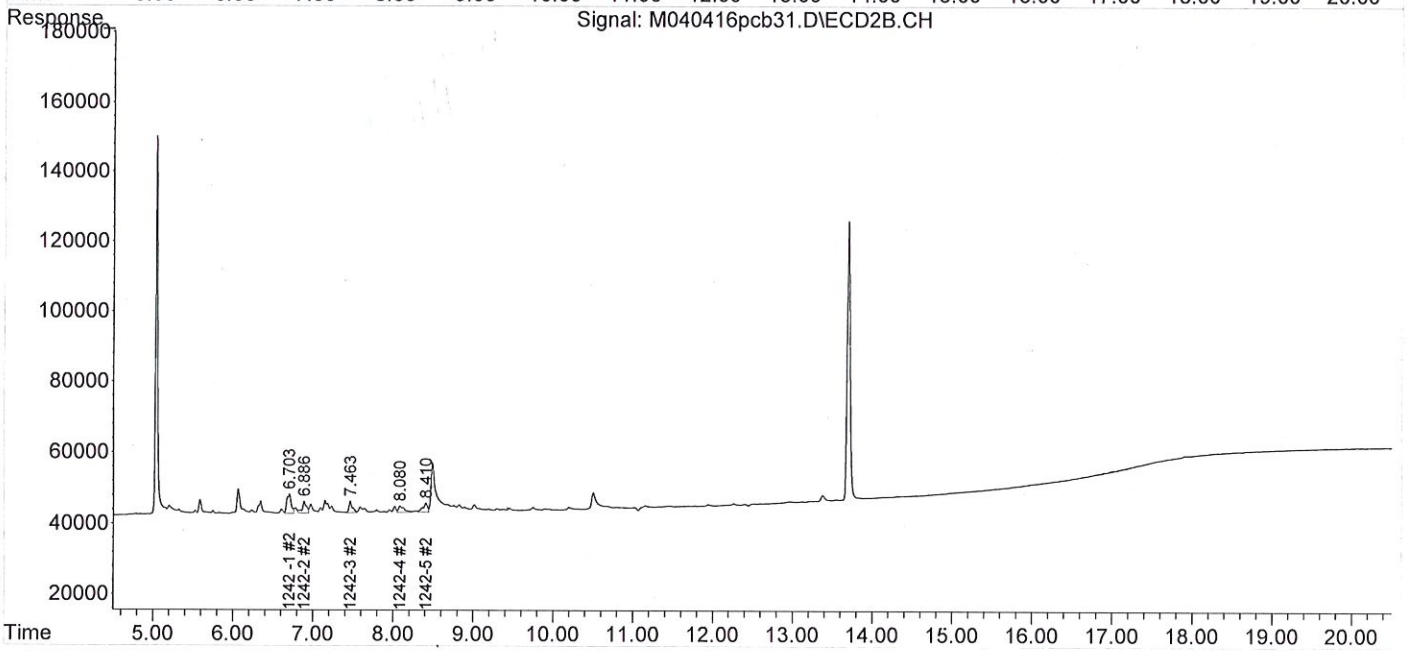
Quantitation Report (Not Reviewed)

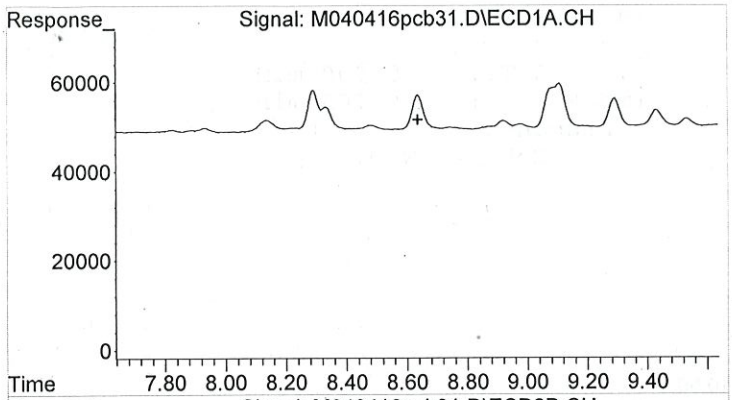
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb31.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 10:29 pm
Operator : DWOOD
Sample : 16124013
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 28 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:58:33 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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

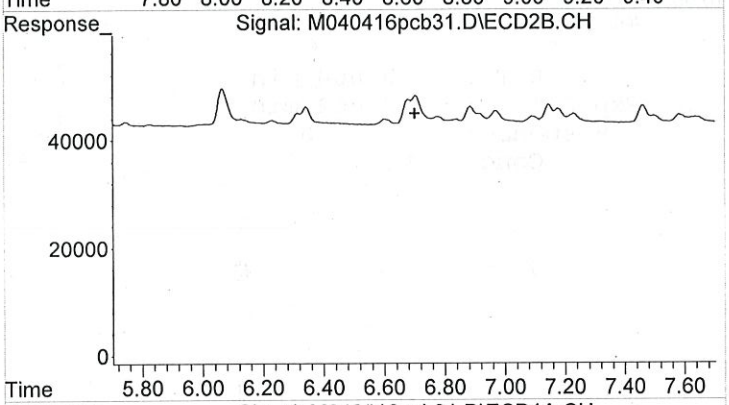






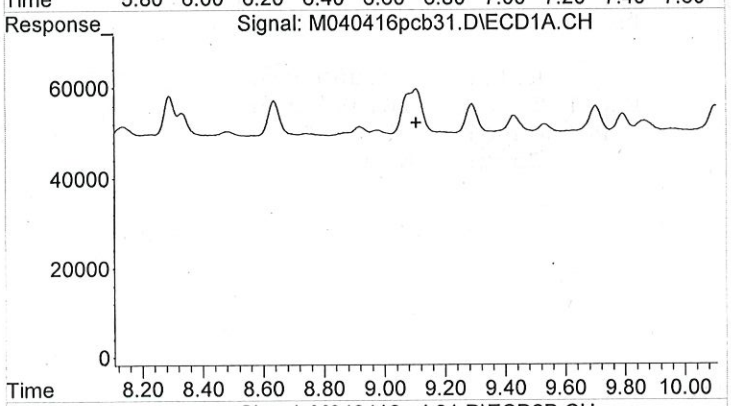
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 8.637 min
Response: 0
Conc: N.D.



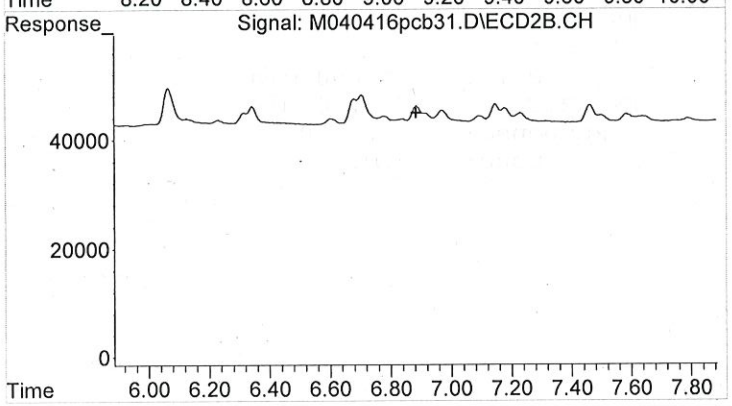
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 6.703 min
Response: 0
Conc: N.D.



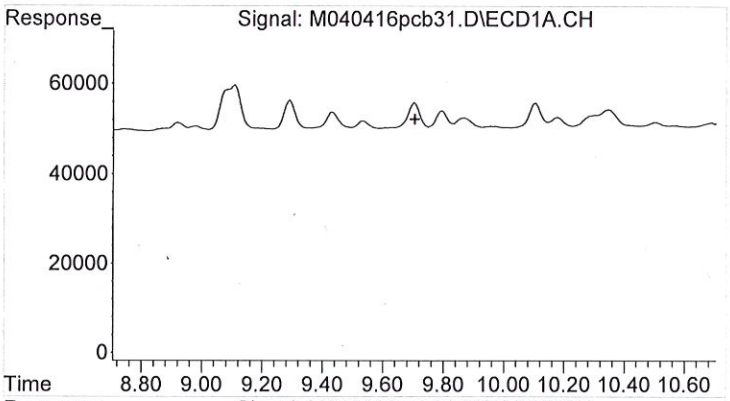
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 9.107 min
Response: 0
Conc: N.D.



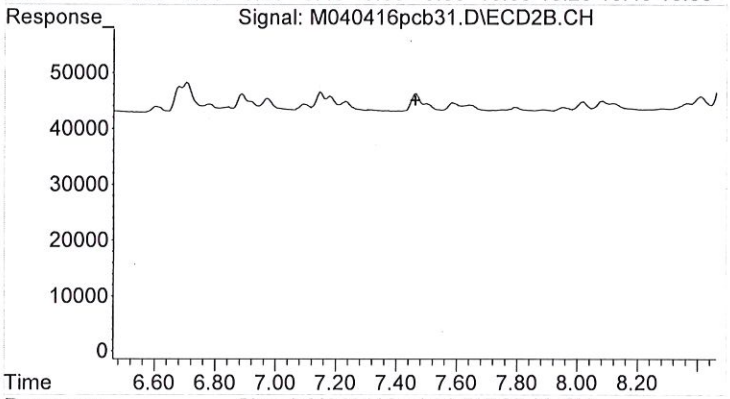
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 6.885 min
Response: 0
Conc: N.D.



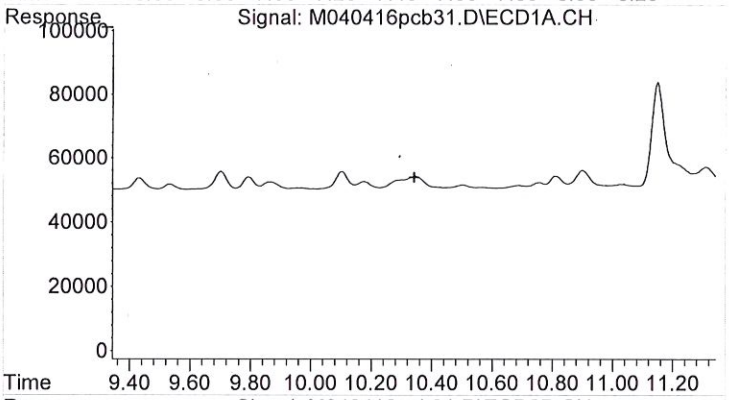
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 9.705 min
Response: 0
Conc: N.D.



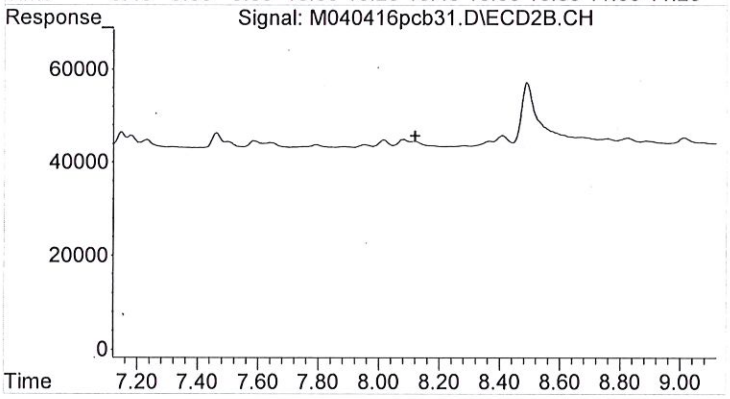
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 7.462 min
Response: 0
Conc: N.D.



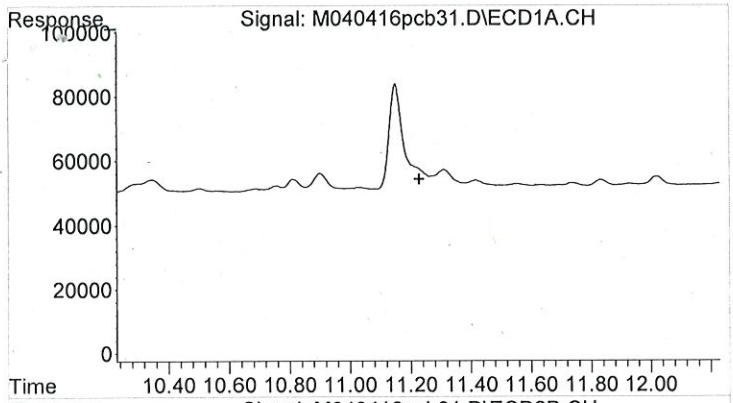
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 10.343 min
Response: 0
Conc: N.D.



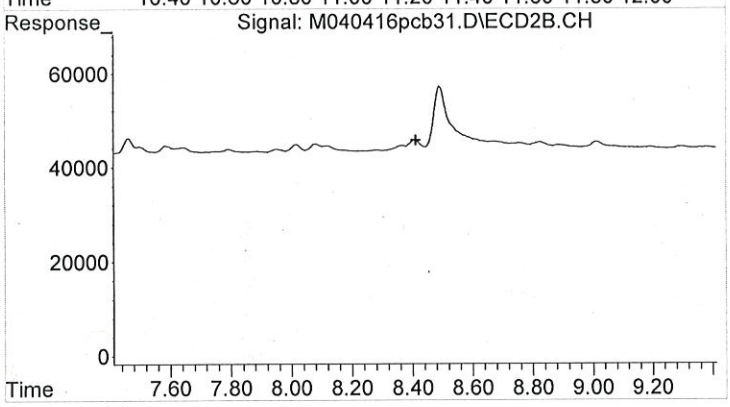
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 8.120 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 11.229 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 8.412 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.....: 920033016B1
Data File....: M040416pcb26.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/04/2016 19:35
Type.....: BL
Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\M040416pcb26.D

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: 26

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 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	100	tmx (1)	6.96	6.97	140219		5	3.3	66	%Rec	
12	2.5	100	dcb	17.73	17.74	97152		5	3.9	78	%Rec	
14	2.5	100	tmx (1) #2	5.04	5.04	88442		5	3.1	62	%Rec	
25	2.5	100	dcb #2	13.70	13.70	68531		5	3.8	75	%Rec	
2	25	1000	1016 -1	-	-	-	d	-	-	2.5	ug (RL)	U
3	25	1000	1016-2	-	-	-	d	-	-	2.5	ug (RL)	U
4	25	1000	1016-3	-	-	-	d	-	-	2.5	ug (RL)	U
5	25	1000	1016-4	-	-	-	d	-	-	2.5	ug (RL)	U
6	25	1000	1016-5	-	-	-	d	-	-	2.5	ug (RL)	U
7	25	1000	1260-1	-	-	-	d	-	-	2.5	ug (RL)	U
8	25	1000	1260-2	-	-	-	d	-	-	2.5	ug (RL)	U
9	25	1000	1260-3	-	-	-	d	-	-	2.5	ug (RL)	U
10	25	1000	1260-4	-	-	-	d	-	-	2.5	ug (RL)	U
11	25	1000	1260-5	-	-	-	d	-	-	2.5	ug (RL)	U
15	25	1000	1016 -1 #2	-	-	-	d	-	-	2.5	ug (RL)	U
16	25	1000	1016-2 #2	-	-	-	d	-	-	2.5	ug (RL)	U
17	25	1000	1016-3 #2	-	-	-	d	-	-	2.5	ug (RL)	U
18	25	1000	1016-4 #2	-	-	-	d	-	-	2.5	ug (RL)	U
19	25	1000	1016-5 #2	-	-	-	d	-	-	2.5	ug (RL)	U
20	25	1000	1260-1 #2	-	-	-	d	-	-	2.5	ug (RL)	U
21	25	1000	1260-2 #2	-	-	-	d	-	-	2.5	ug (RL)	U
22	25	1000	1260-3 #2	-	-	-	d	-	-	2.5	ug (RL)	U
23	25	1000	1260-4 #2	-	-	-	d	-	-	2.5	ug (RL)	U
24	25	1000	1260-5 #2	-	-	-	d	-	-	2.5	ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
12674112	1016 Column 1	2.5	ug (RL)	0	NA	Results will be reported from Column 1
12674112	1016 Column 2	2.5	ug (RL)	0	NA	
11096825	1260 Column 1	2.5	ug (RL)	0	NA	
11096825	1260 Column 2	2.5	ug (RL)	0	NA	

[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 2016 DATA\M040416PCBDW\
Data File : M040416pcb26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 7:35 pm
Operator : DWOOD
Sample : 920033016B1
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 23 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:01:55 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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	5.039	140219	88442	3.276	3.117
12) S2 dcb	17.733	13.699	97152	68531	3.908	3.758
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	0.000	0.000	0	0	N.D. d	N.D. d
8) L2 1260-2	0.000	0.000	0	0	N.D. d	N.D. d
9) L2 1260-3	0.000	0.000	0	0	N.D. d	N.D. 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.

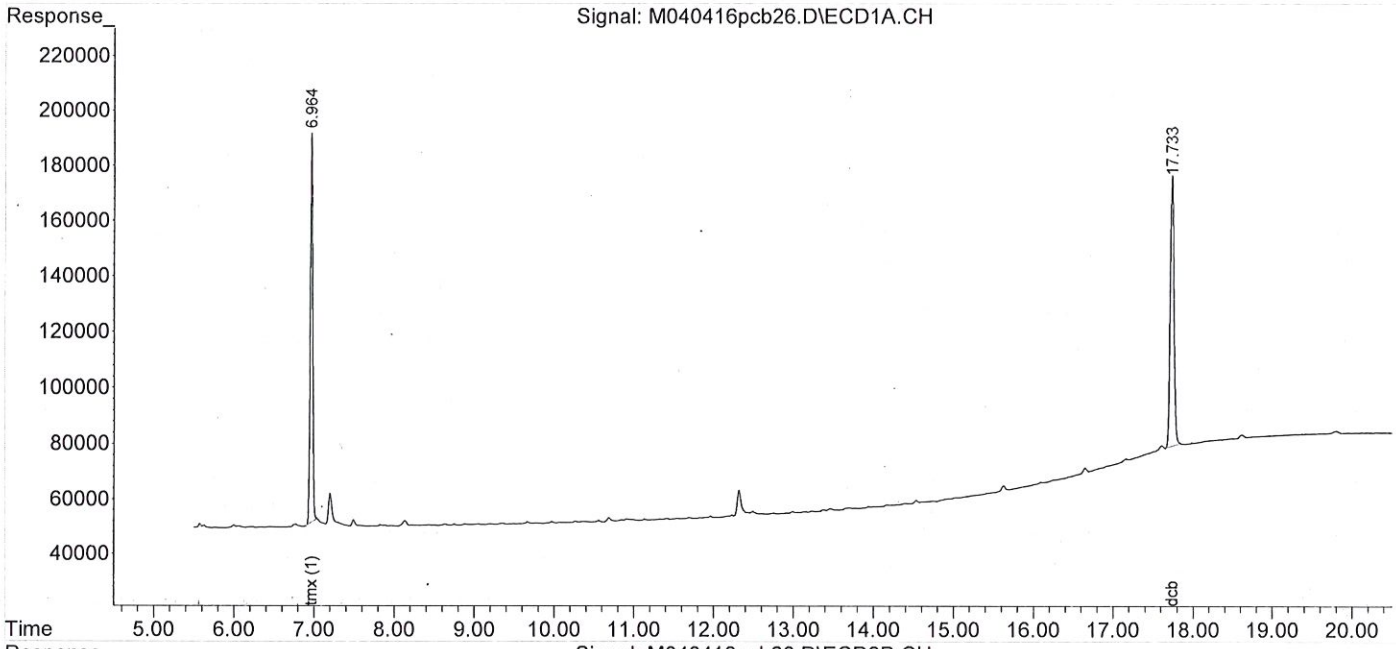
4/6/16

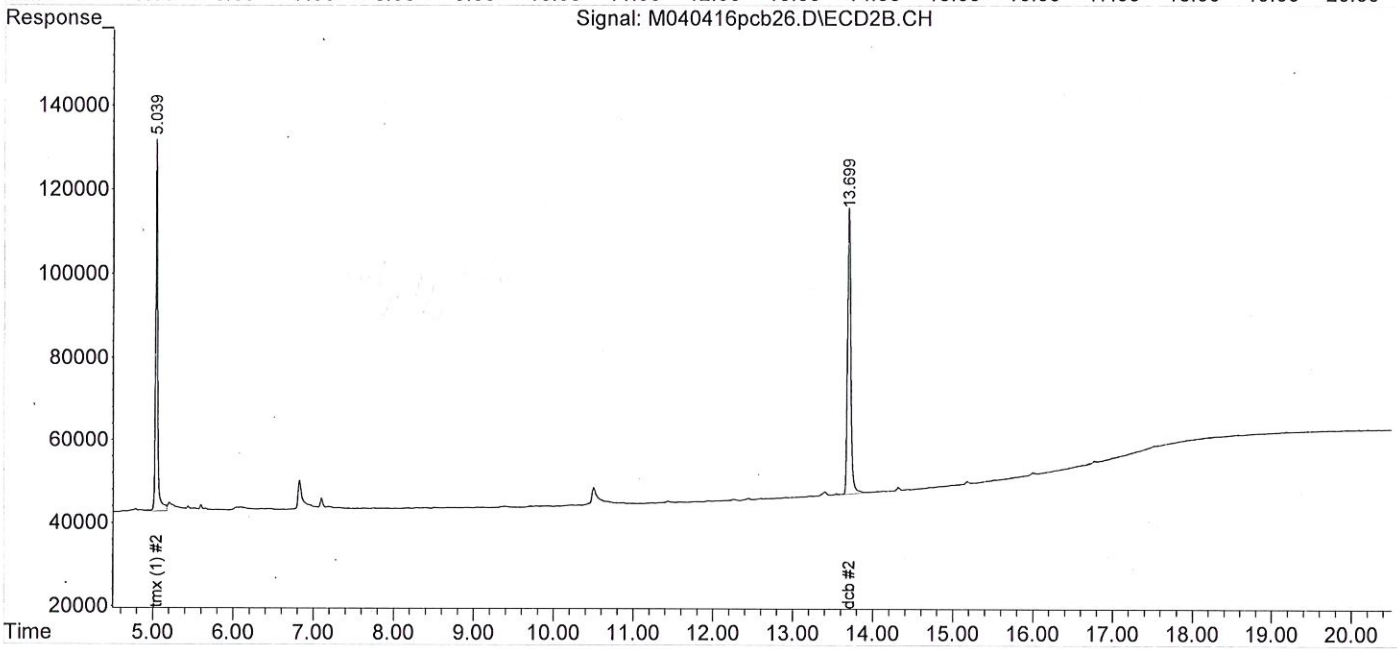
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 7:35 pm
Operator : DWOOD
Sample : 920033016B1
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 23 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 06 15:01:55 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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 2016 DATA\M040416PCBDW\
Data File : M040416pcb26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 7:35 pm
Operator : DWOOD
Sample : 920033016B1
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 23 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:28:09 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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	5.039	140219	88442	3.276	3.117
12)	S2 dcb	17.733	13.699	97152	68531	3.908	3.758
	Target Compounds						
2)	L1 1016 -1	0.000	5.595	0	~~1390~~ W	N.D.	N.D.
3)	L1 1016-2	0.000	6.044	0	~~784~~ W	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	9.782	0	~~290~~ W	N.D.	N.D.
9)	L2 1260-3	0.000	10.214	0	~~246~~ W	N.D.	N.D.
10)	L2 1260-4	0.000	0.000	0	0	N.D.	N.D.
11)	L2 1260-5	0.000	11.798	0	~~148~~ W	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.

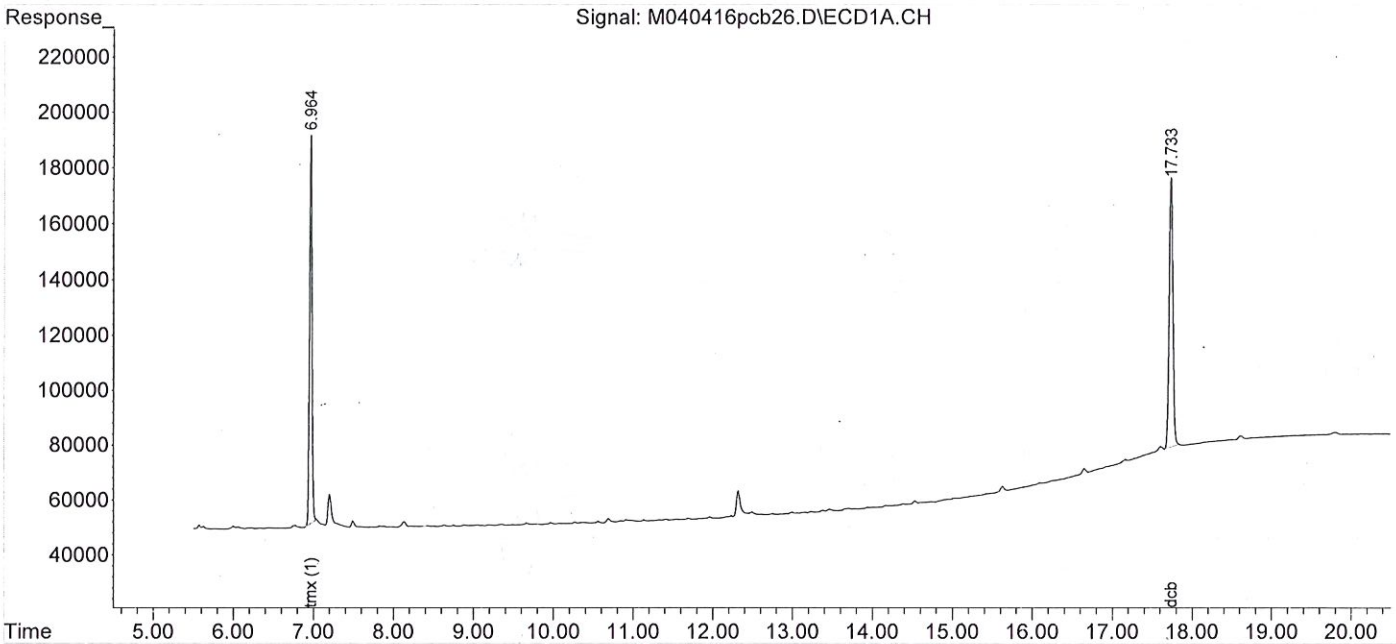
W 4/6/16

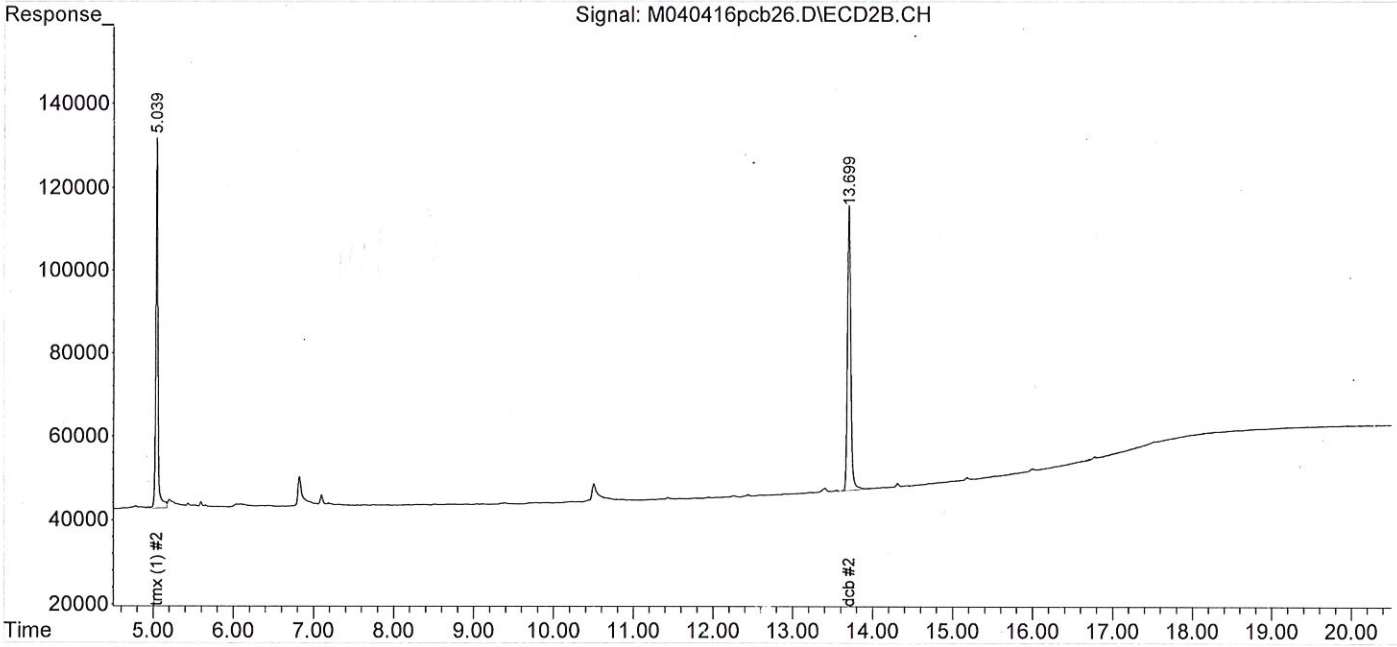
Quantitation Report (Not Reviewed)

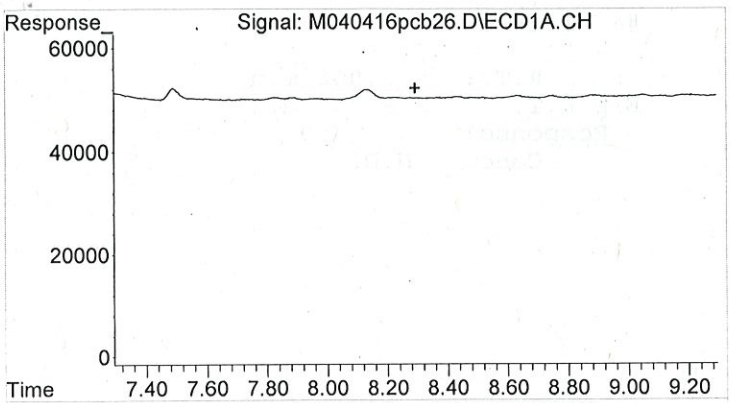
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416PCBDW\
Data File : M040416pcb26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 7:35 pm
Operator : DWOOD
Sample : 920033016B1
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 23 (Sig #2) Sample Multiplier: 1

Integration File signal 1: EVENTS1.E
Integration File signal 2: events3.e
Quant Time: Apr 05 10:28:09 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB.M
Quant Title : AROCLOR 1016/1260 ANALYSIS
QLast Update : Mon Apr 04 13:34:11 2016
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

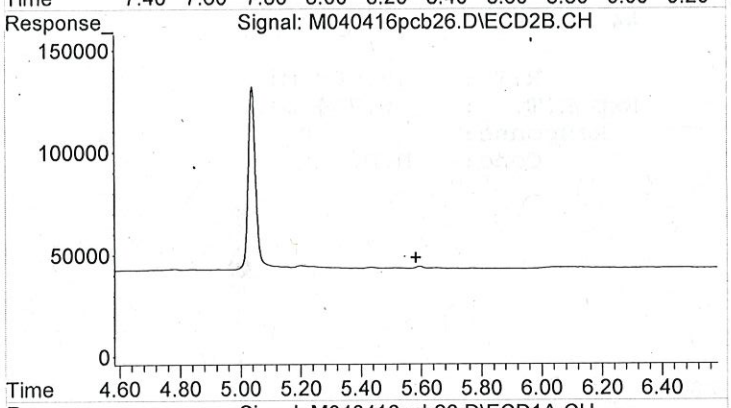






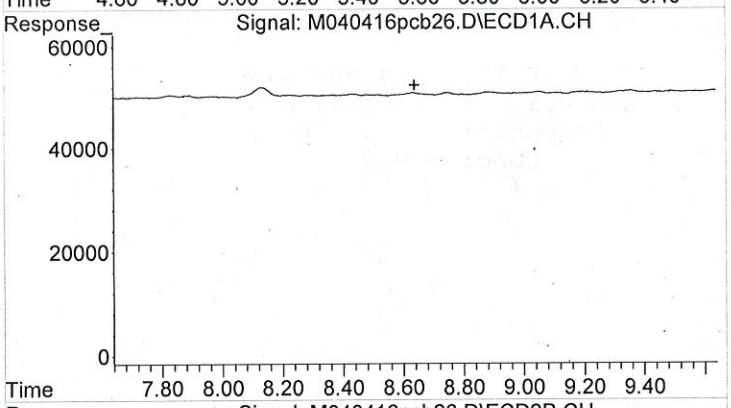
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 8.293 min
Response: 0
Conc: N.D.



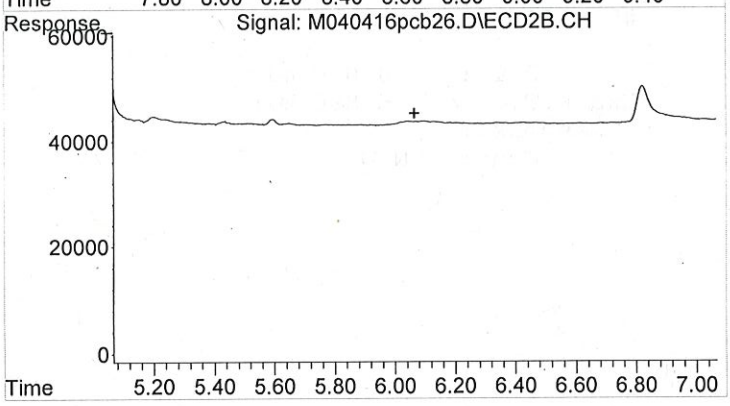
#2 1016 -1

R.T.: 0.000 min
Exp R.T. : 5.583 min
Response: 0
Conc: N.D.



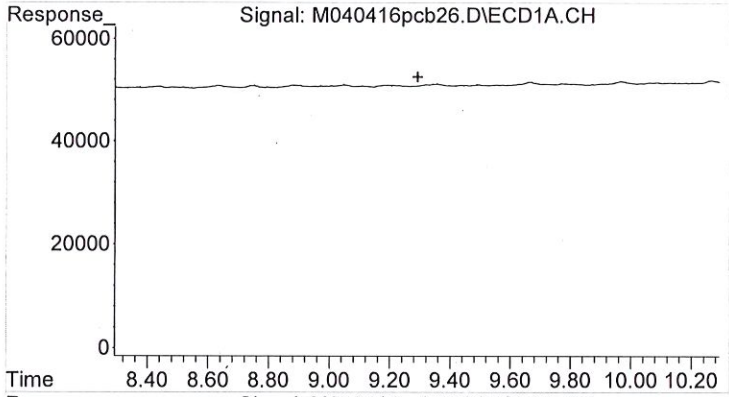
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 8.639 min
Response: 0
Conc: N.D.



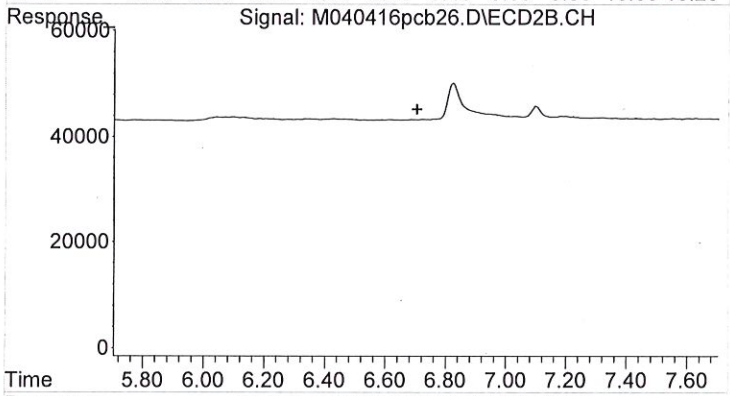
#3 1016-2

R.T.: 0.000 min
Exp R.T. : 6.066 min
Response: 0
Conc: N.D.



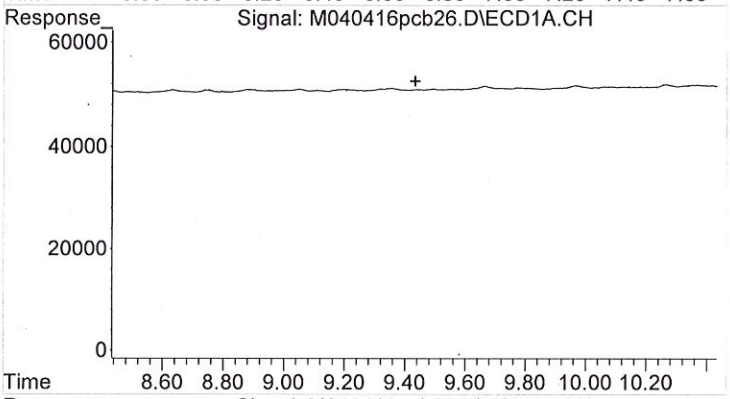
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 9.292 min
Response: 0
Conc: N.D.



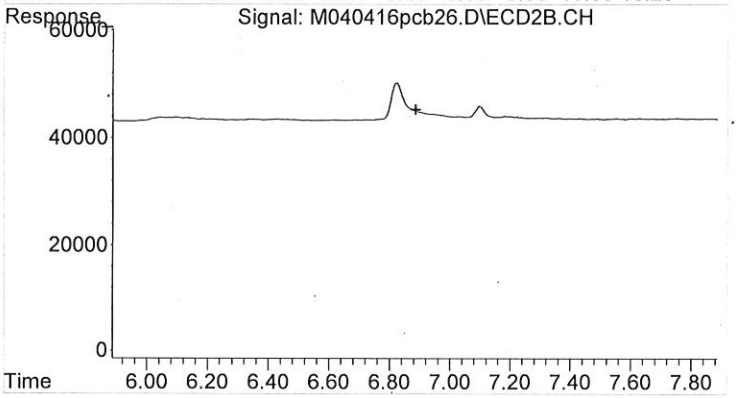
#4 1016-3

R.T.: 0.000 min
Exp R.T. : 6.704 min
Response: 0
Conc: N.D.



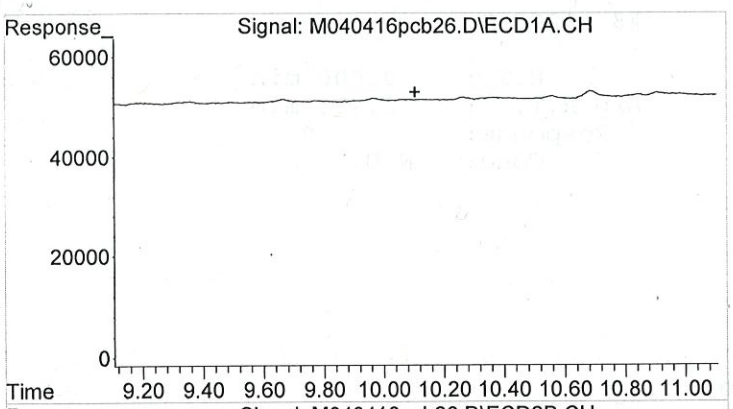
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 9.434 min
Response: 0
Conc: N.D.



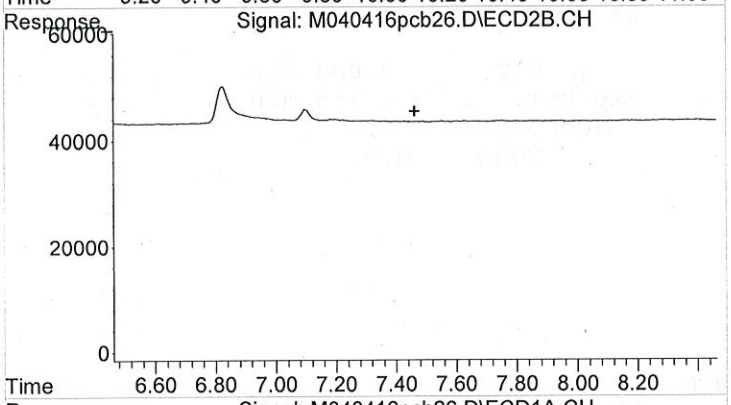
#5 1016-4

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



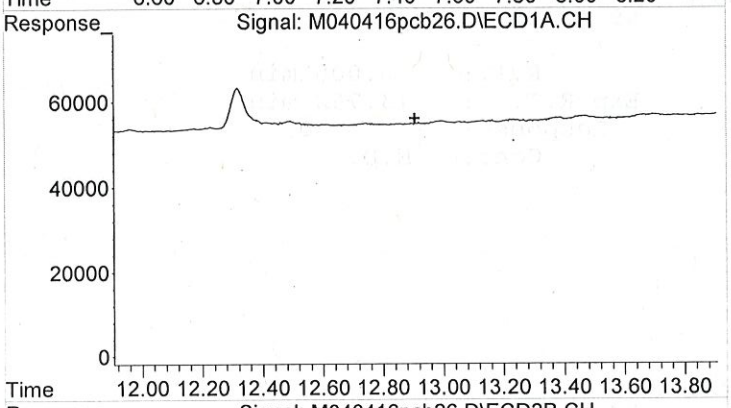
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 10.106 min
Response: 0
Conc: N.D.



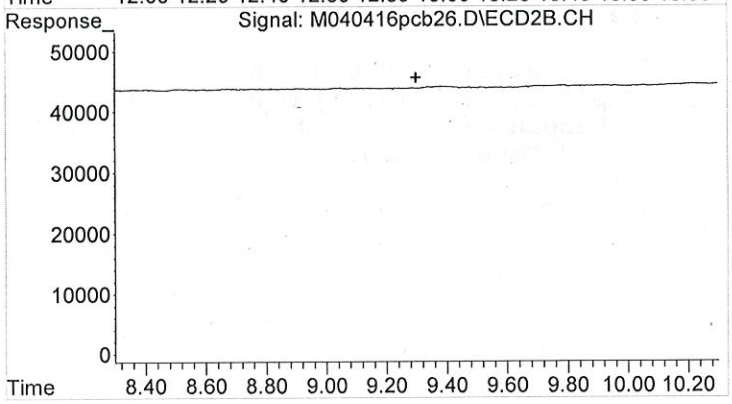
#6 1016-5

R.T.: 0.000 min
Exp R.T. : 7.463 min
Response: 0
Conc: N.D.



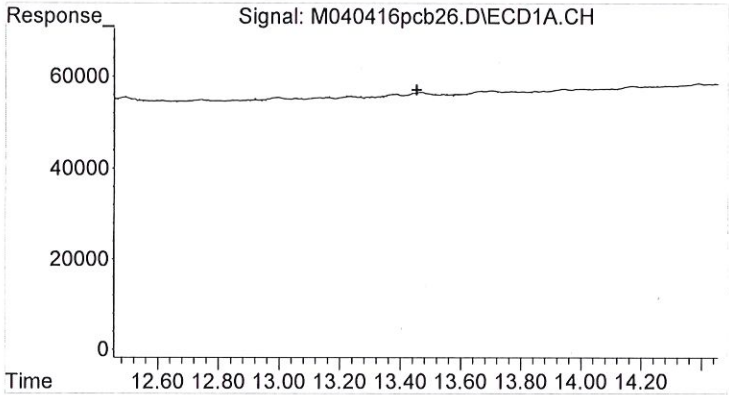
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 12.907 min
Response: 0
Conc: N.D.



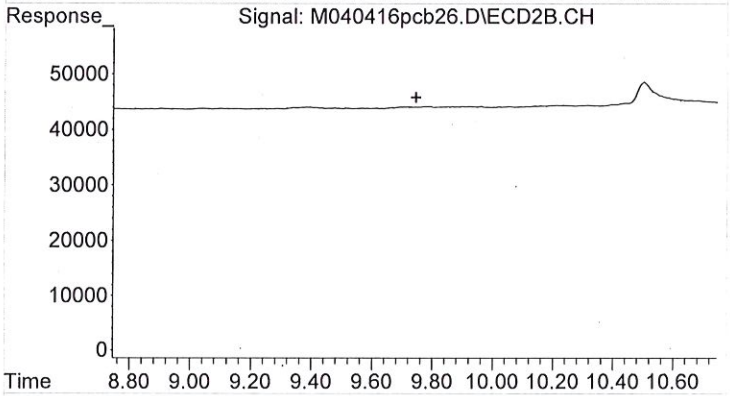
#7 1260-1

R.T.: 0.000 min
Exp R.T. : 9.300 min
Response: 0
Conc: N.D.



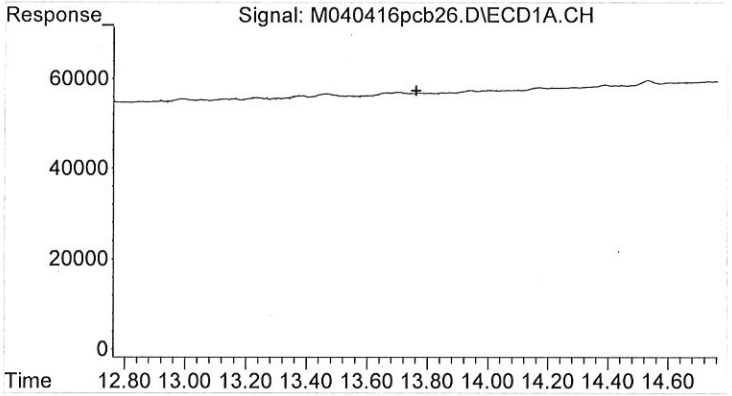
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 13.454 min
Response: 0
Conc: N.D.



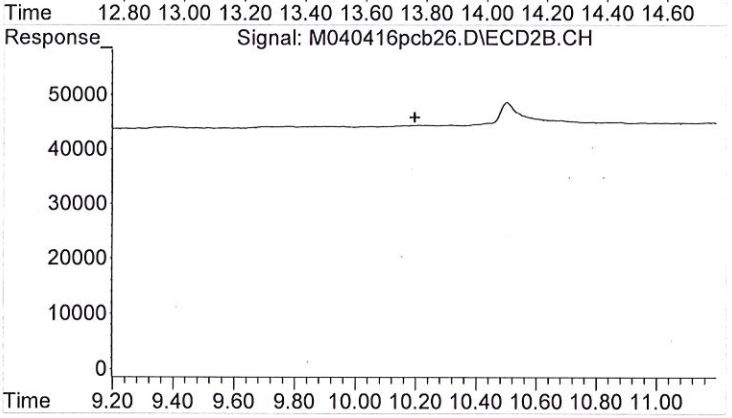
#8 1260-2

R.T.: 0.000 min
Exp R.T. : 9.745 min
Response: 0
Conc: N.D.



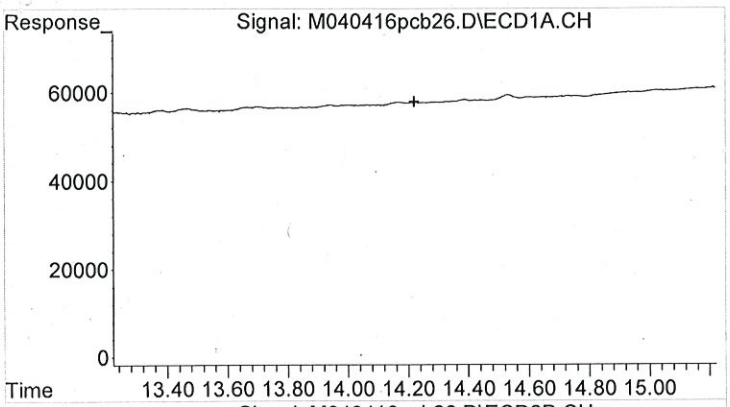
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 13.762 min
Response: 0
Conc: N.D.



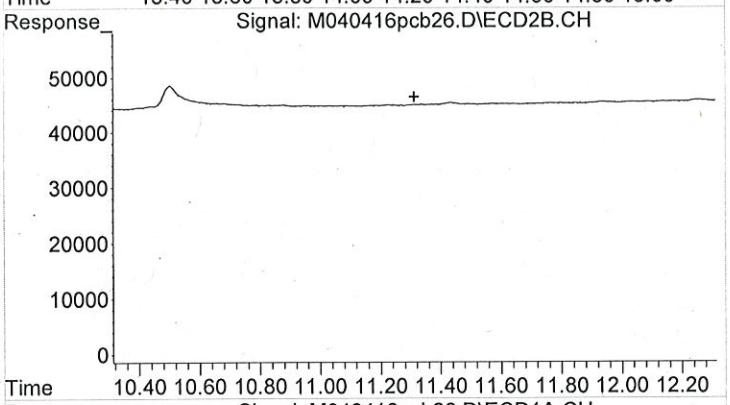
#9 1260-3

R.T.: 0.000 min
Exp R.T. : 10.197 min
Response: 0
Conc: N.D.



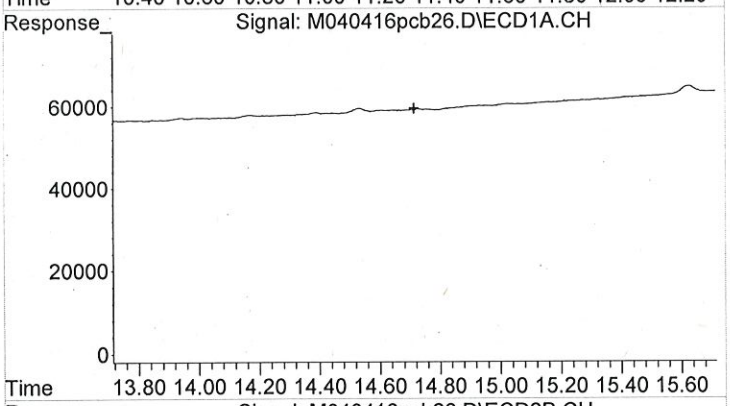
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 14.221 min
Response: 0
Conc: N.D.



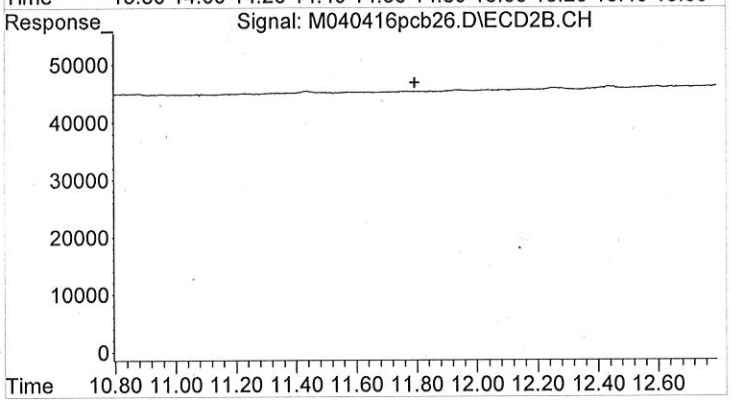
#10 1260-4

R.T.: 0.000 min
Exp R.T. : 11.313 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 14.715 min
Response: 0
Conc: N.D.



#11 1260-5

R.T.: 0.000 min
Exp R.T. : 11.795 min
Response: 0
Conc: N.D.

PCB Sample Results Summary

Sample.....: 920033016B1
Data File....: M040416pcb26.D
Project.....: OCE-009A
Matrix.....: 42 - Wipe
Analyzed.....: 04/04/2016 19:35
Type.....: BL

Date Prepped...: 3/30/2016
ICAL Date.....: 04/04/2016
Prep Method....: 3580A
Analysis Method: 8082A
Quant Column...: 1

Prepped By.: DWOOD
Analyst....: DWOOD
CID.....:
Acq. Method: M040116PCBEXTBAKE.
ASEQ Number: na

Instrument.....: Minerva
Amount Extracted.: 40 wipe
Percent Solids...: NA
Final Volume.....: 100 mL
Dilution.....: 1x D0

Additional Info..: Sky Valley PCB Wipe 100mL fv
DP Method Path...: J:\Organics\Minerva\Methods\M040416PCB1242.M
Datafile Path....: J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\M040416pcb26.D

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)	-	-	-					
7	25	1000	dcb	-	-	-	d				
9	25	1000	tmx (1) #2	-	-	-					
15	25	1000	dcb #2	-	-	-	d				
2	25	1000	1242 -1	-	-	-	d	-	-	2.5 ug (RL)	U
3	25	1000	1242-2	-	-	-	d	-	-	2.5 ug (RL)	U
4	25	1000	1242-3	-	-	-	d	-	-	2.5 ug (RL)	U
5	25	1000	1242-4	-	-	-	d	-	-	2.5 ug (RL)	U
6	25	1000	1242-5	-	-	-	d	-	-	2.5 ug (RL)	U
10	25	1000	1242 -1 #2	-	-	-	d	-	-	2.5 ug (RL)	U
11	25	1000	1242-2 #2	-	-	-	d	-	-	2.5 ug (RL)	U
12	25	1000	1242-3 #2	-	-	-	d	-	-	2.5 ug (RL)	U
13	25	1000	1242-4 #2	-	-	-	d	-	-	2.5 ug (RL)	U
14	25	1000	1242-5 #2	-	-	-	d	-	-	2.5 ug (RL)	U

CAS#	Name	Avg	Unit	n	%RSD	Column RPD[2]
53469219	1242 Column 1	2.5	ug (RL)	0	NA	Results will be reported from Column 1
53469219	1242 Column 2	2.5	ug (RL)	0	NA	

[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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 7:35 pm
Operator : DWOOD
Sample : 92O033016B1
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 23 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:18:33 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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.

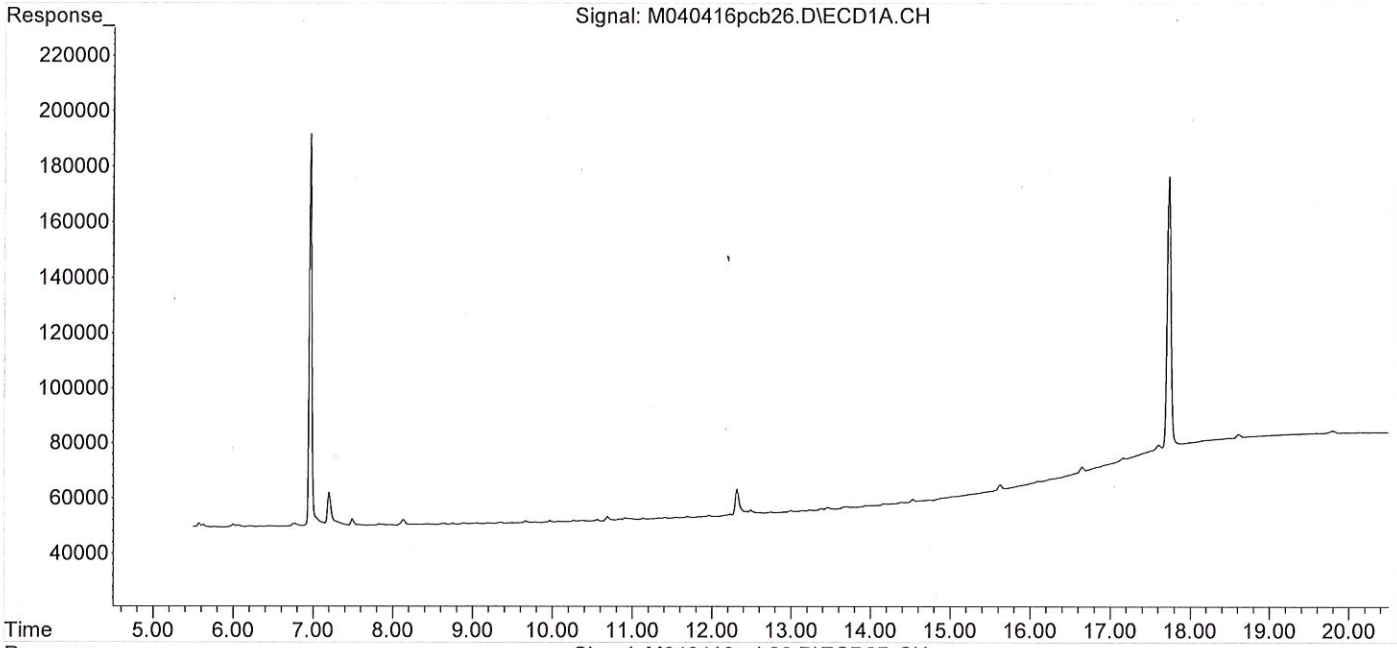
hw
4/12/16

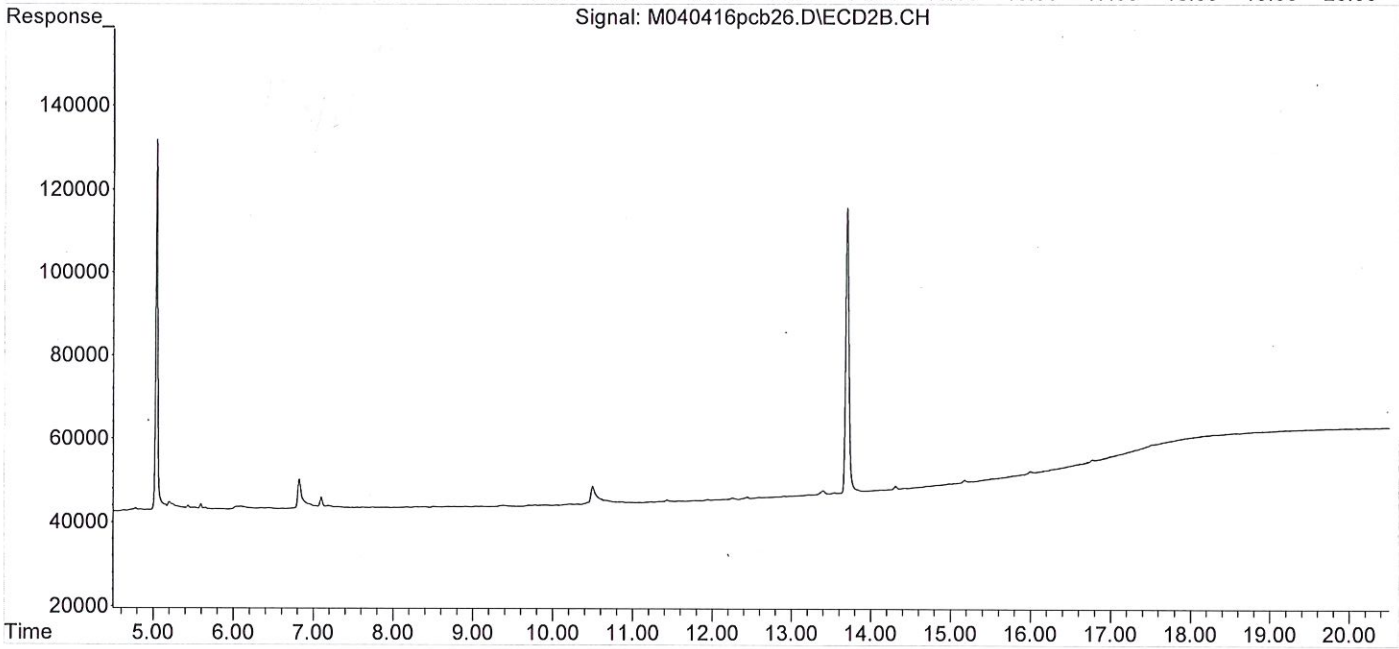
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 7:35 pm
Operator : DWOOD
Sample : 920033016B1
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 23 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:18:33 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 7:35 pm
Operator : DWOOD
Sample : 920033016B1
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 23 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:58:21 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	11.327	0.000	~~303~~	0	NoCal	N.D.	
Target Compounds							
2) L1 1242 -1	8.632	0.000	554	0	3261.163	N.D.	#
3) L1 1242-2	9.110	0.000	230	0	3337.261	N.D.	#
4) L1 1242-3	9.664	0.000	673	0	3325.163	N.D.	#
5) L1 1242-4	10.369	0.000	431	0	3480.872	N.D.	#
6) L1 1242-5	11.219	0.000	182	0	3207.462	N.D.	#
Sum 1242 -1			2070	0	16611.921	N.D.	
Average 1242 -1					3322.384	0.000	

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

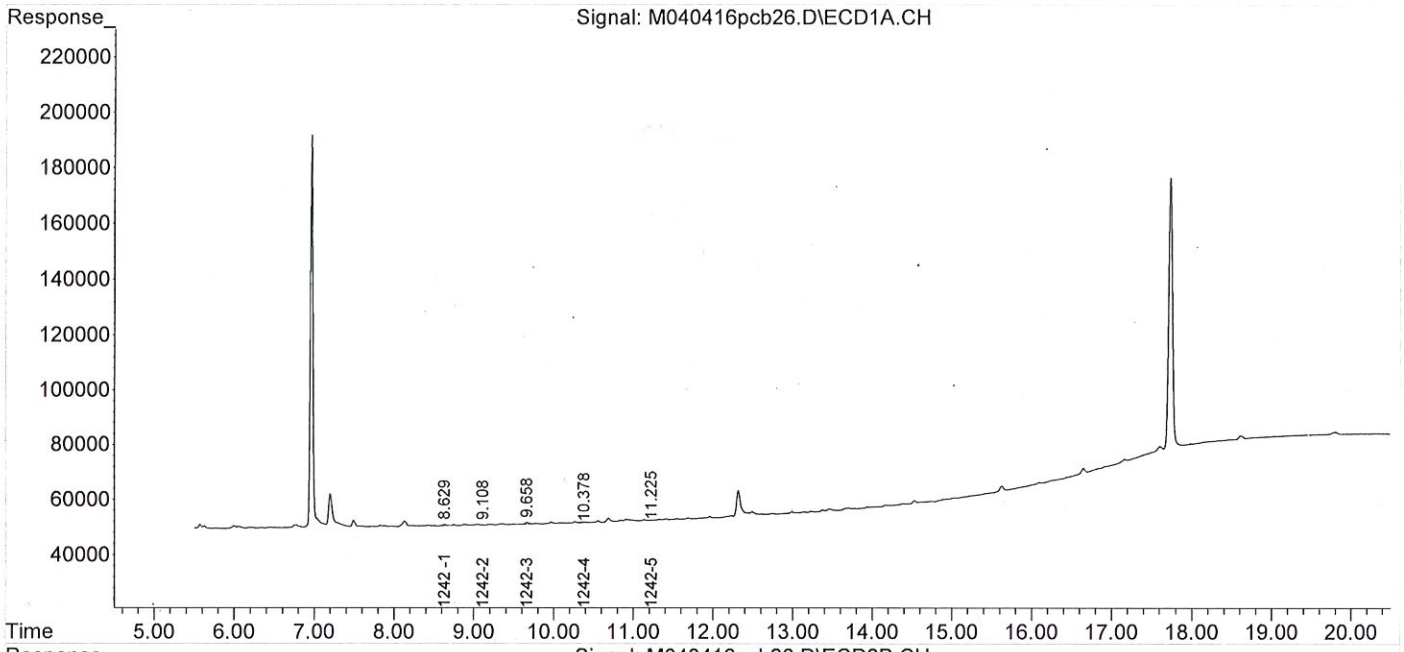
4/11/16

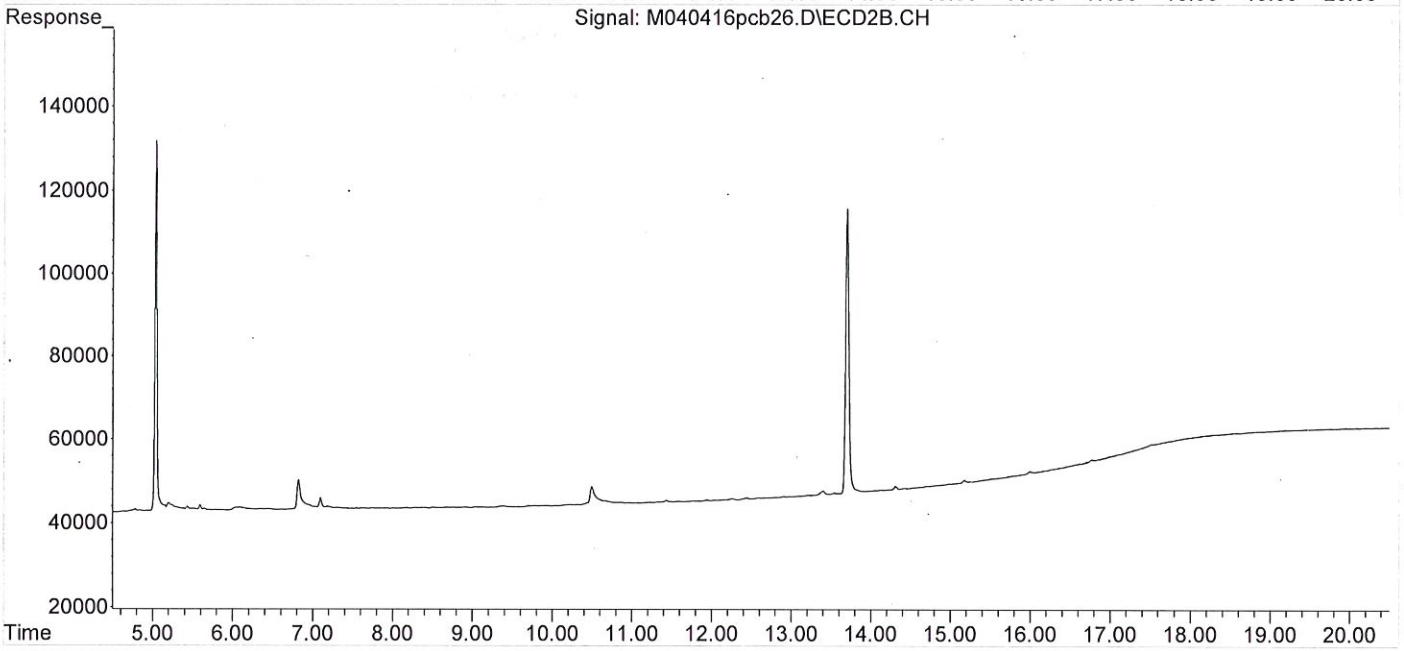
Quantitation Report (Not Reviewed)

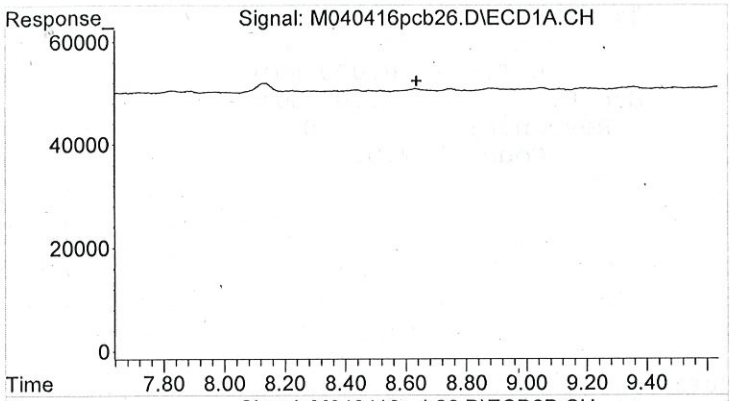
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb26.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 7:35 pm
Operator : DWOOD
Sample : 92O033016B1
Misc : Sky Valley PCB Wipe 100mL fv
ALS Vial : 0 (Sig #1); 23 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:58:21 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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

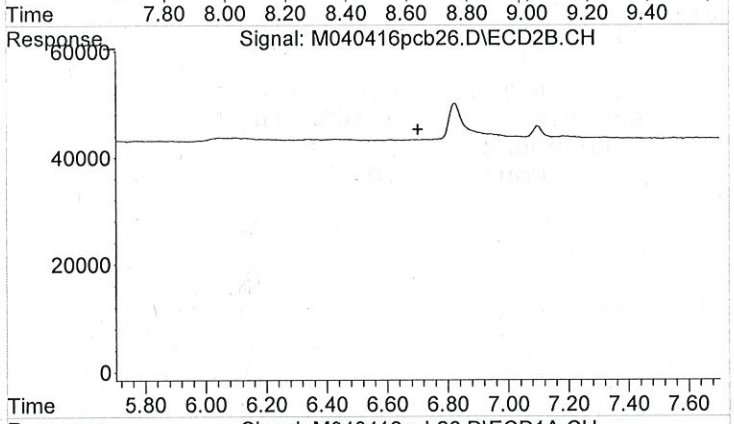






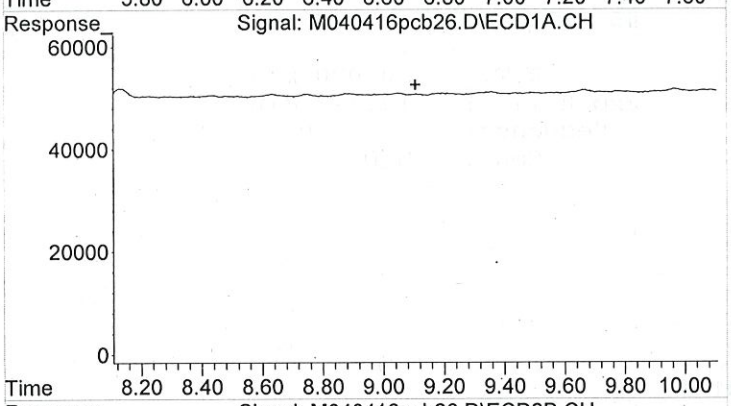
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 8.637 min
Response: 0
Conc: N.D.



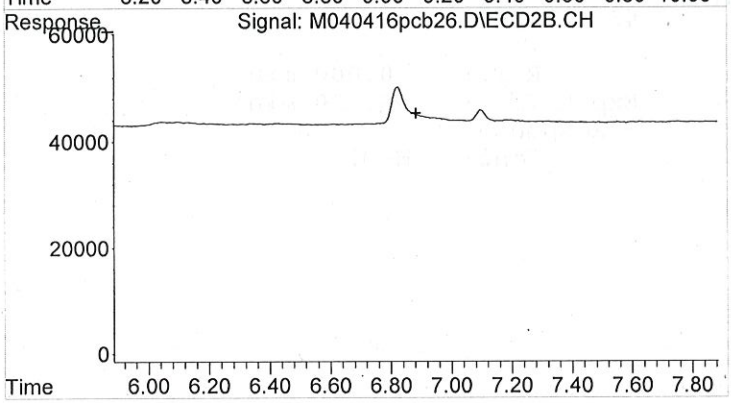
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 6.703 min
Response: 0
Conc: N.D.



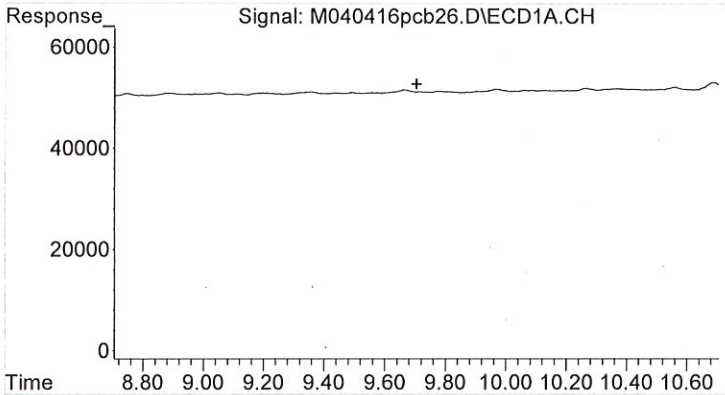
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 9.107 min
Response: 0
Conc: N.D.



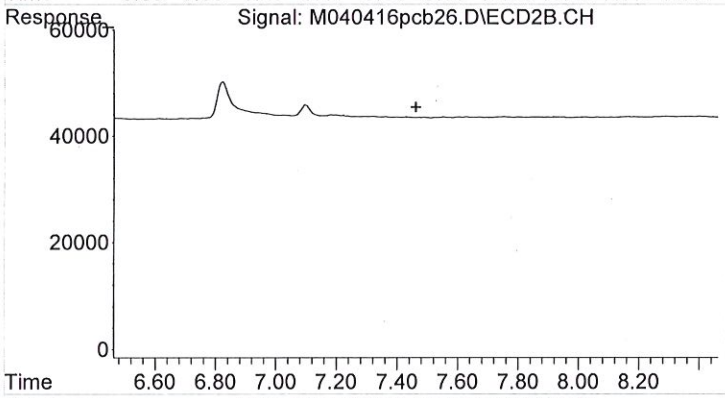
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 6.885 min
Response: 0
Conc: N.D.



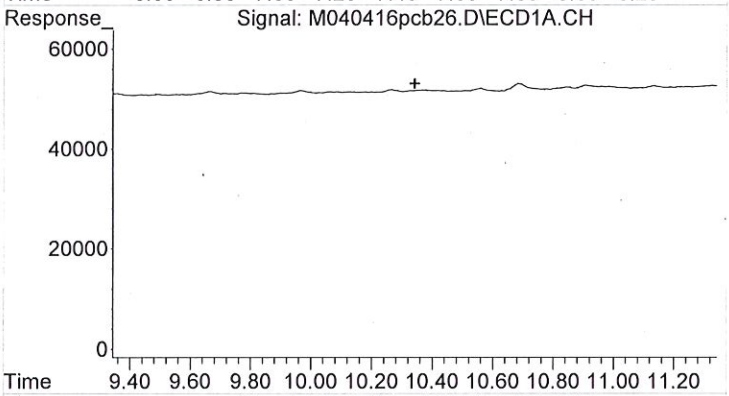
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 9.705 min
Response: 0
Conc: N.D.



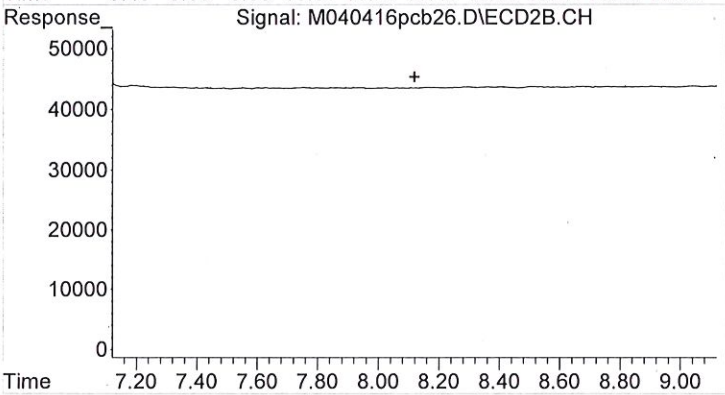
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 7.462 min
Response: 0
Conc: N.D.



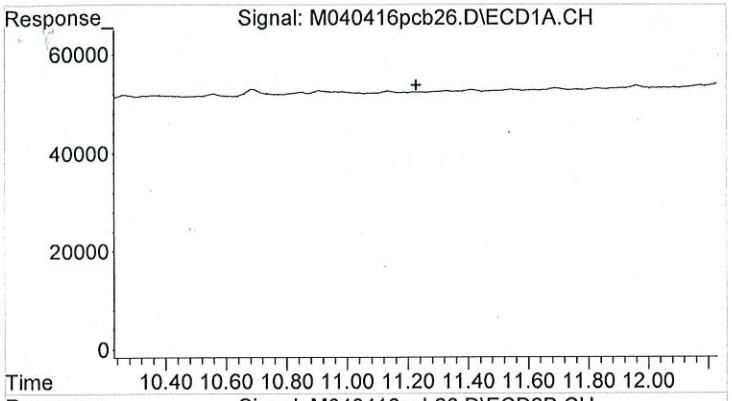
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 10.343 min
Response: 0
Conc: N.D.



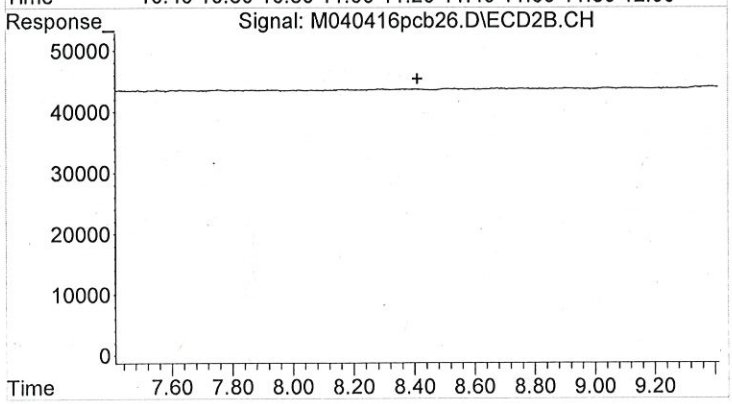
#5 1242-4

R.T.: 0.000 min
Exp R.T. : 8.120 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 11.229 min
Response: 0
Conc: N.D.



#6 1242-5

R.T.: 0.000 min
Exp R.T. : 8.412 min
Response: 0
Conc: N.D.

Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 5:51 pm
Operator : DWOOD
Sample : 87PCB011916J
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 2 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:16:22 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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.	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.

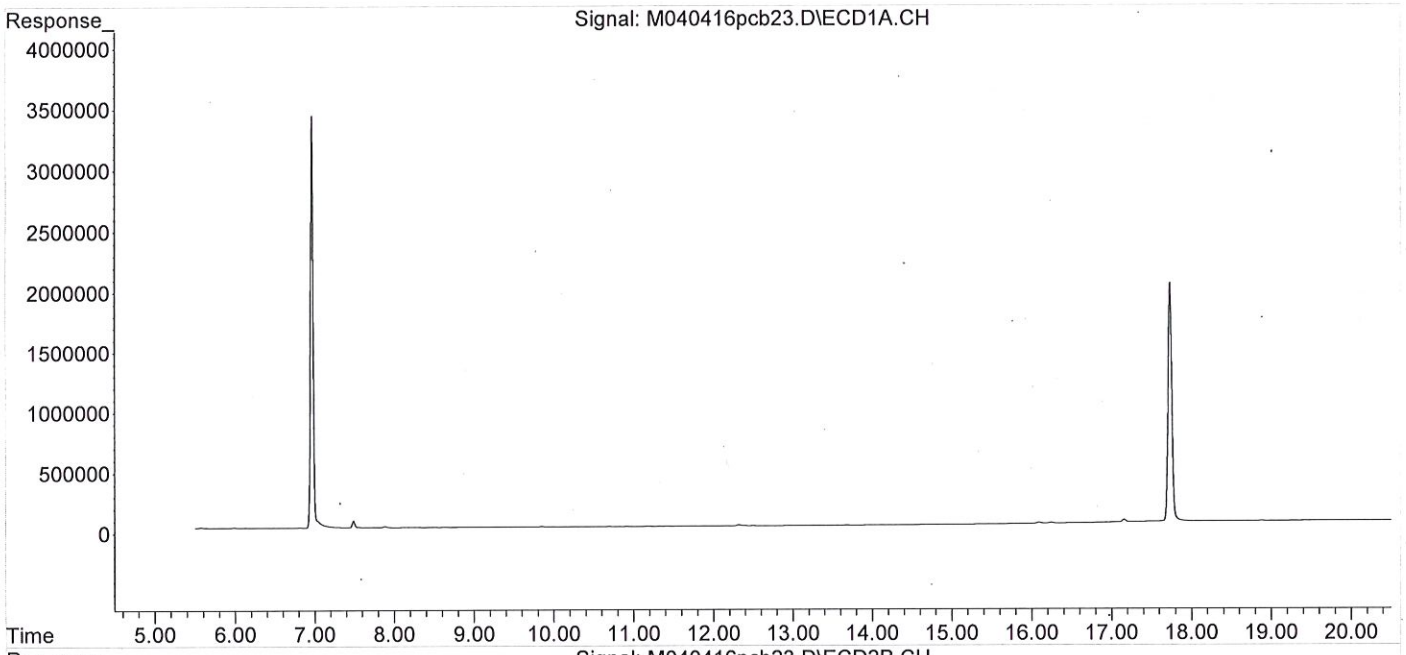
mw
4/11/16

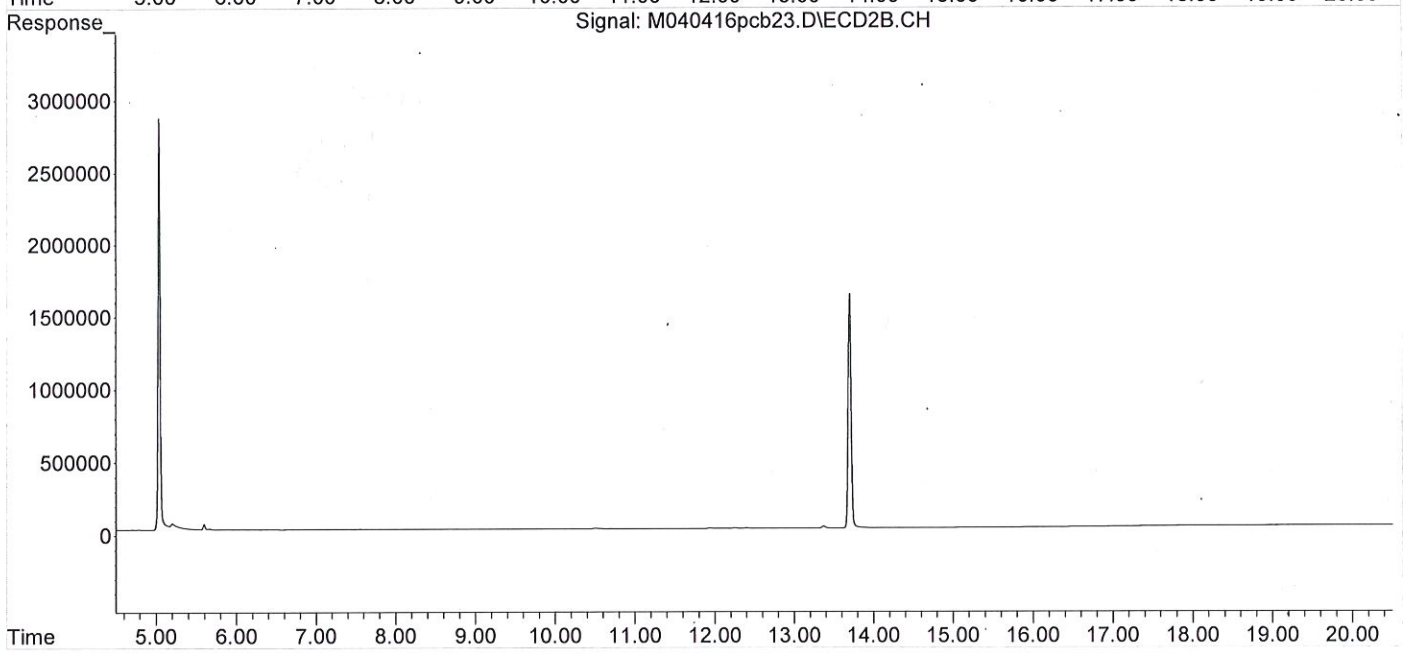
Quantitation Report (QT Reviewed)

Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 5:51 pm
Operator : DWOOD
Sample : 87PCB011916J
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 2 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 16:16:22 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 5:51 pm
Operator : DWOOD
Sample : 87PCB011916J
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 2 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:58:13 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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	11.336	8.165	~~526~~	~~264~~	NoCal	NoCal	
Target Compounds							
2) L1 1242 -1	8.633	0.000	753	0	3260.912	N.D.	#
3) L1 1242-2	0.000	6.883	0	376	N.D.	N.D.	
4) L1 1242-3	0.000	0.000	0	0	N.D.	N.D.	
5) L1 1242-4	10.351	8.128	228	288	3481.173	N.D.	#
6) L1 1242-5	11.178f	0.000	1925	0	3205.013	N.D.	#
Sum 1242 -1			2906	0	9947.098	N.D.	
Average 1242 -1					3315.699	0.000	

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

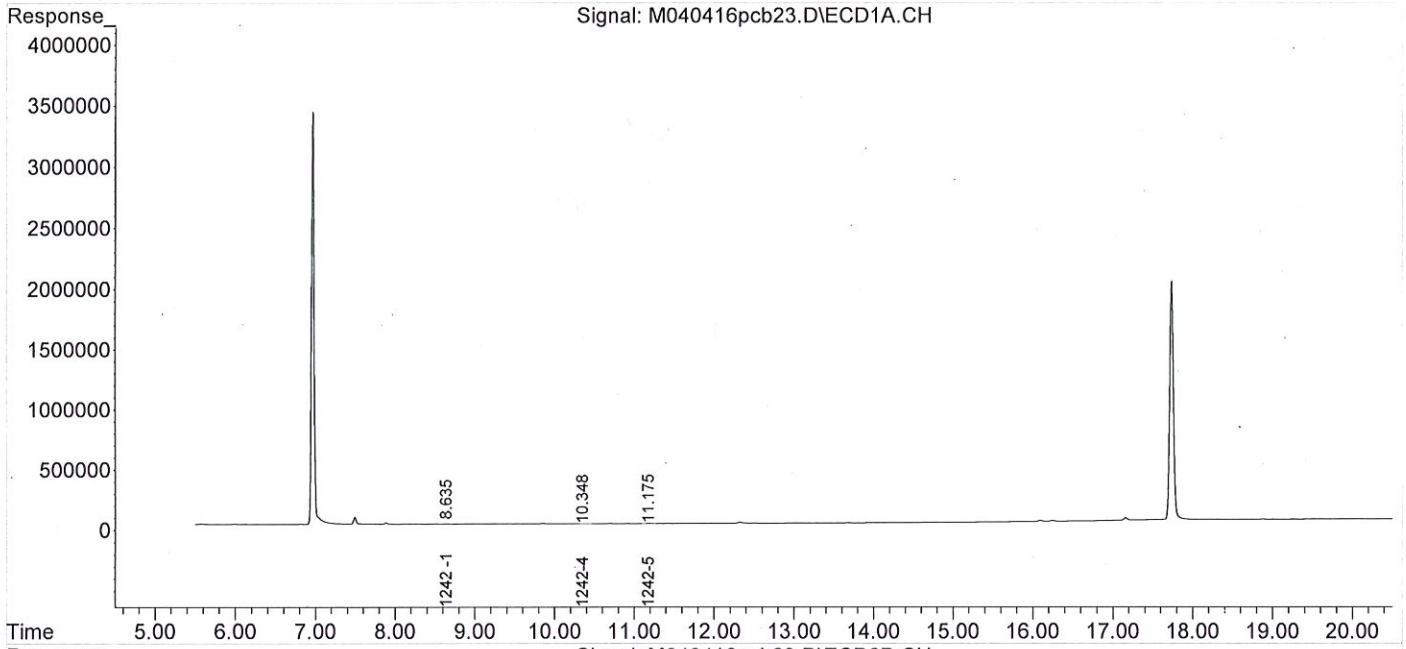
4/11/16

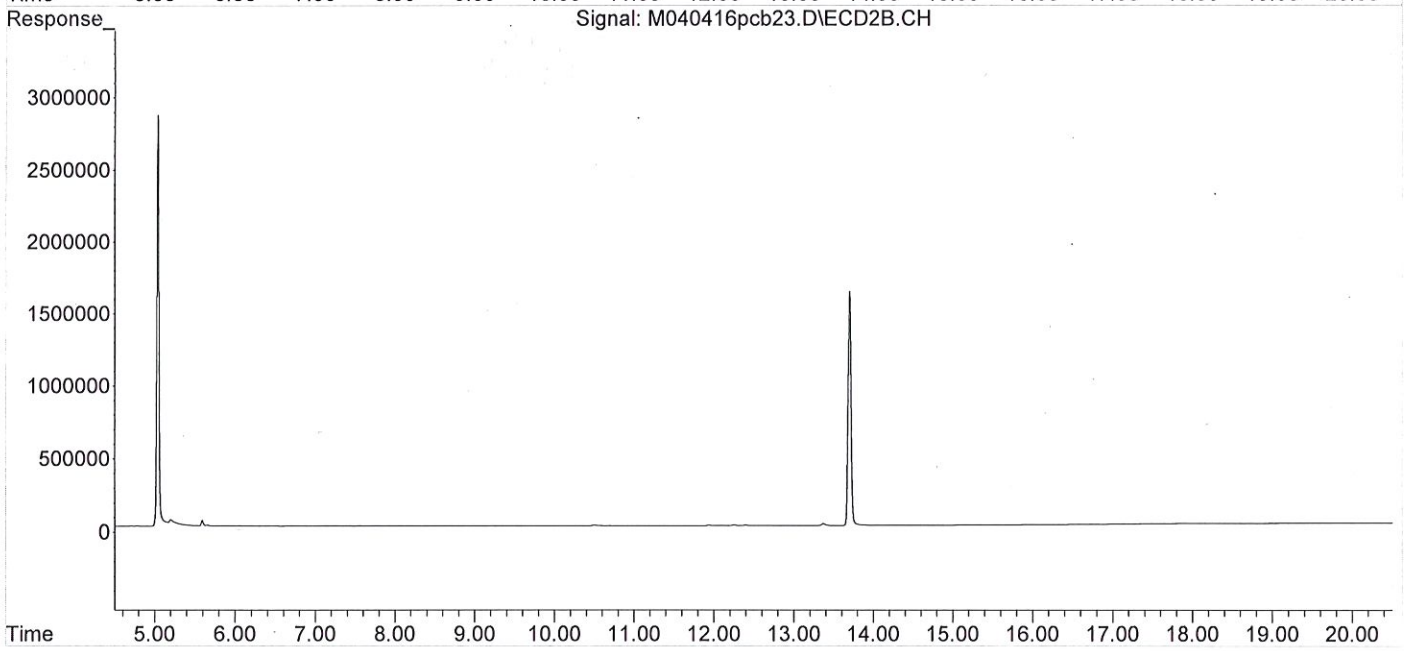
Quantitation Report (Not Reviewed)

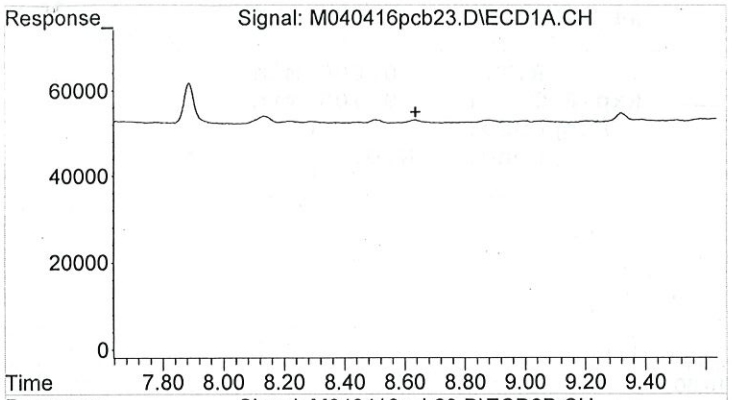
Data Path : J:\Organics\Minerva\MINERVA 2016 DATA\M040416pcb1242dw\
Data File : M040416pcb23.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 04 Apr 2016 5:51 pm
Operator : DWOOD
Sample : 87PCB011916J
Misc : Instrument Blank 100pg/ul
ALS Vial : 0 (Sig #1); 2 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events3.e
Integration File signal 2: events3.e
Quant Time: Apr 11 15:58:13 2016
Quant Method : J:\Organics\Minerva\Methods\M040416PCB1242.M
Quant Title : AROCLOR 1254 ANALYSIS
QLast Update : Mon Apr 11 15:39:43 2016
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

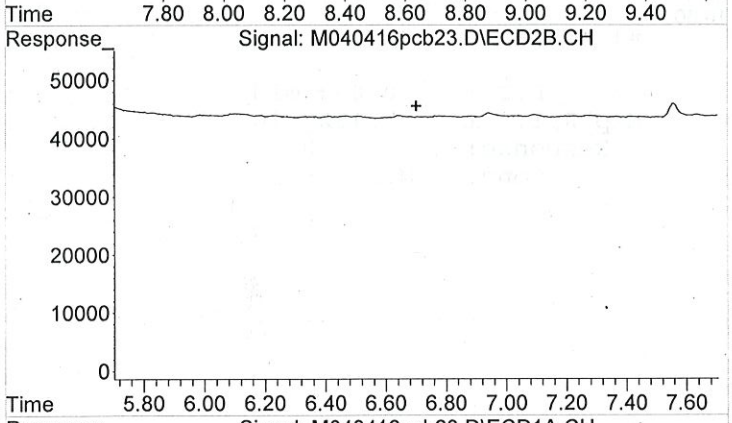






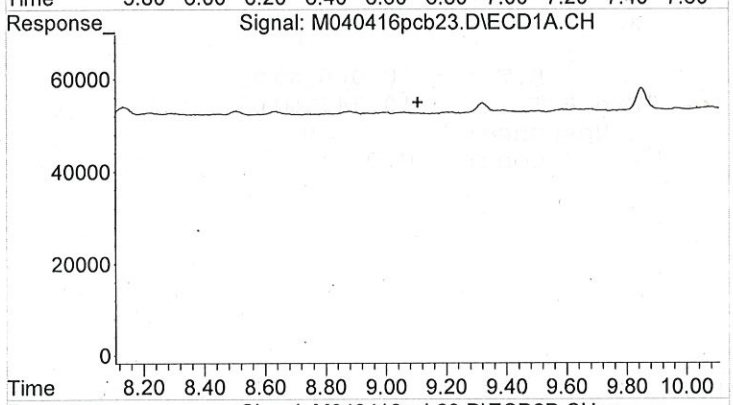
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 8.637 min
Response: 0
Conc: N.D.



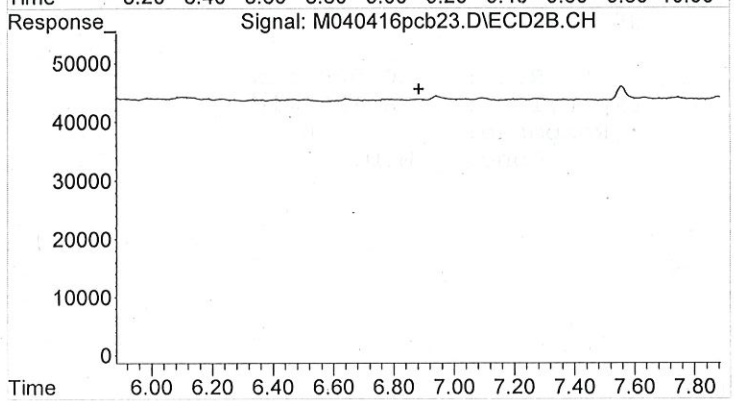
#2 1242 -1

R.T.: 0.000 min
Exp R.T. : 6.703 min
Response: 0
Conc: N.D.



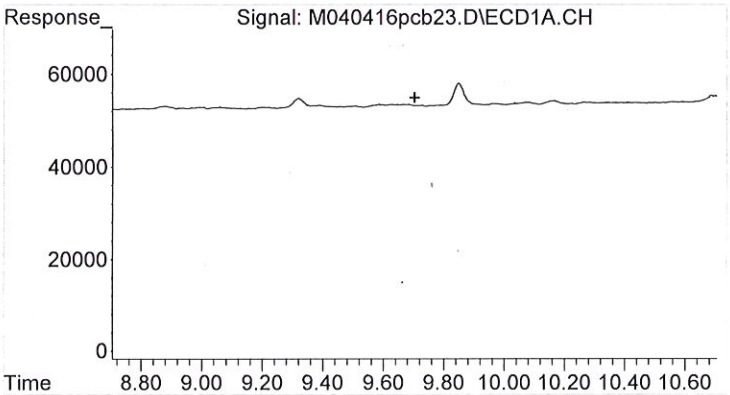
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 9.107 min
Response: 0
Conc: N.D.



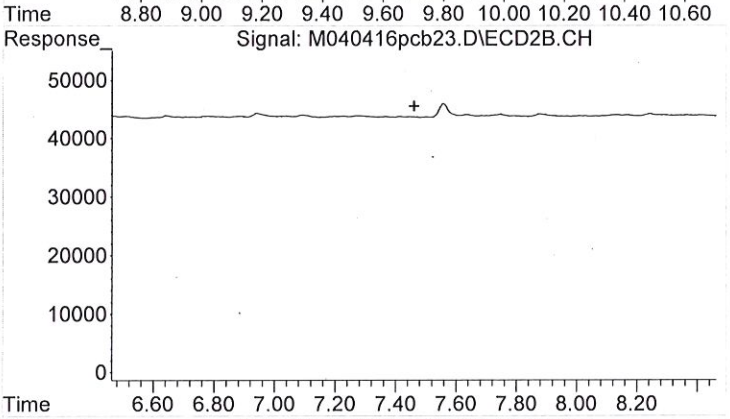
#3 1242-2

R.T.: 0.000 min
Exp R.T. : 6.885 min
Response: 0
Conc: N.D.



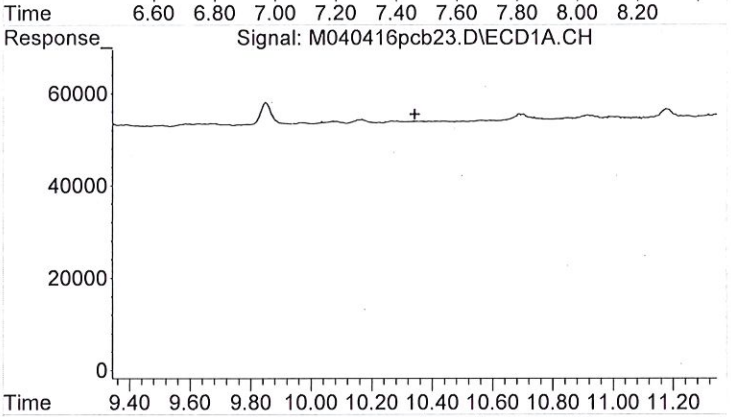
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 9.705 min
Response: 0
Conc: N.D.



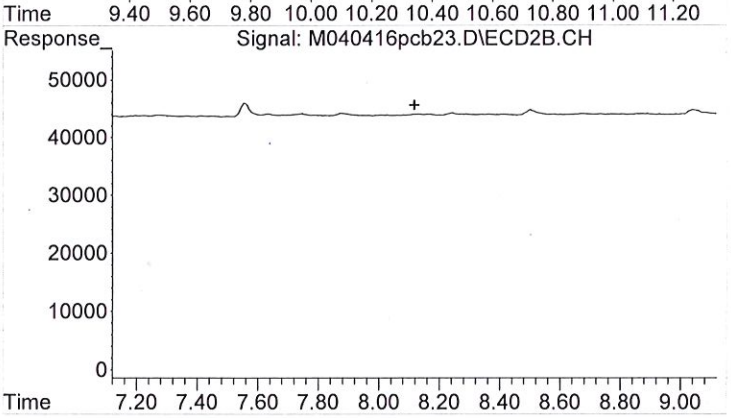
#4 1242-3

R.T.: 0.000 min
Exp R.T. : 7.462 min
Response: 0
Conc: N.D.



#5 1242-4

R.T.: 0.000 min
Exp R.T. : 10.343 min
Response: 0
Conc: N.D.



#5 1242-4

R.T.: 0.000 min
Exp R.T. : 8.120 min
Response: 0
Conc: N.D.