

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
 Data File : PL088550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2024 11:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 16:02:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.634	2.852	53269722	26841520	20.102	20.140
28)	SA Decachlor...	9.300	8.081	53623432	28631228	21.693	21.116
Target Compounds							
2)	A alpha-BHC	4.099	3.366	36693594	18061111	9.192	8.988
3)	MA gamma-BHC...	4.437	3.703	36043016	17259839	9.294	8.994
4)	MA Heptachlor	0.000	4.064	0	57196	N.D.	0.032 #
5)	MB Aldrin	0.000	4.343	0	183050	N.D.	0.101 #
6)	B beta-BHC	4.634	4.005	18587688	9114539	10.481	10.632
7)	B delta-BHC	0.000	4.240	0	182433	N.D.	0.095 #
8)	B Heptachlo...	0.000	4.850	0	18517	N.D.	0.011 #
9)	A Endosulfan I	0.000	5.227	0	44422	N.D.	0.030 #
10)	B gamma-Chl...	0.000	5.110	0	121871	N.D.	0.074 #
11)	B alpha-Chl...	0.000	5.165	0	39112	N.D.	0.024 #
12)	B 4,4'-DDE	0.000	5.361	0	451265	N.D.	0.309 #
13)	MA Dieldrin	0.000	5.493	0	13542	N.D.	0.008 #
14)	MA Endrin	6.719	5.773	128.4E6	69082460	46.982	47.926
15)	B Endosulfa...	6.955	6.088f	1821578	602095	0.636	0.419 #
16)	A 4,4'-DDD	6.854	5.924	1502029	880949	0.590	0.707
17)	MA 4,4'-DDT	7.173	6.178	274.5E6	143.4E6	102.993	106.856
18)	B Endrin al...	7.071	6.253	2272613	1902160	1.089	1.815 #
19)	B Endosulfa...	0.000	6.470	0	44256	N.D.	0.032 #
20)	A Methoxychlor	7.654	6.761	370.5E6	190.8E6	245.928	237.824
21)	B Endrin ke...	7.799	6.990	5555680	3776639	1.879	2.288
22)	Mirex	0.000	7.199f	0	265018	N.D.	0.197 #
23)	Chlordane-1	0.000	3.847f	0	112492	N.D.	2.317 #
24)	Chlordane-2	0.000	4.472	0	33062	N.D.	0.545 #
25)	Chlordane-3	0.000	5.110	0	121871	N.D.	0.714 #
26)	Chlordane-4	0.000	5.165	0	39112	N.D.	0.245 #
27)	Chlordane-5	0.000	5.821f	0	75094	N.D.	1.481 #

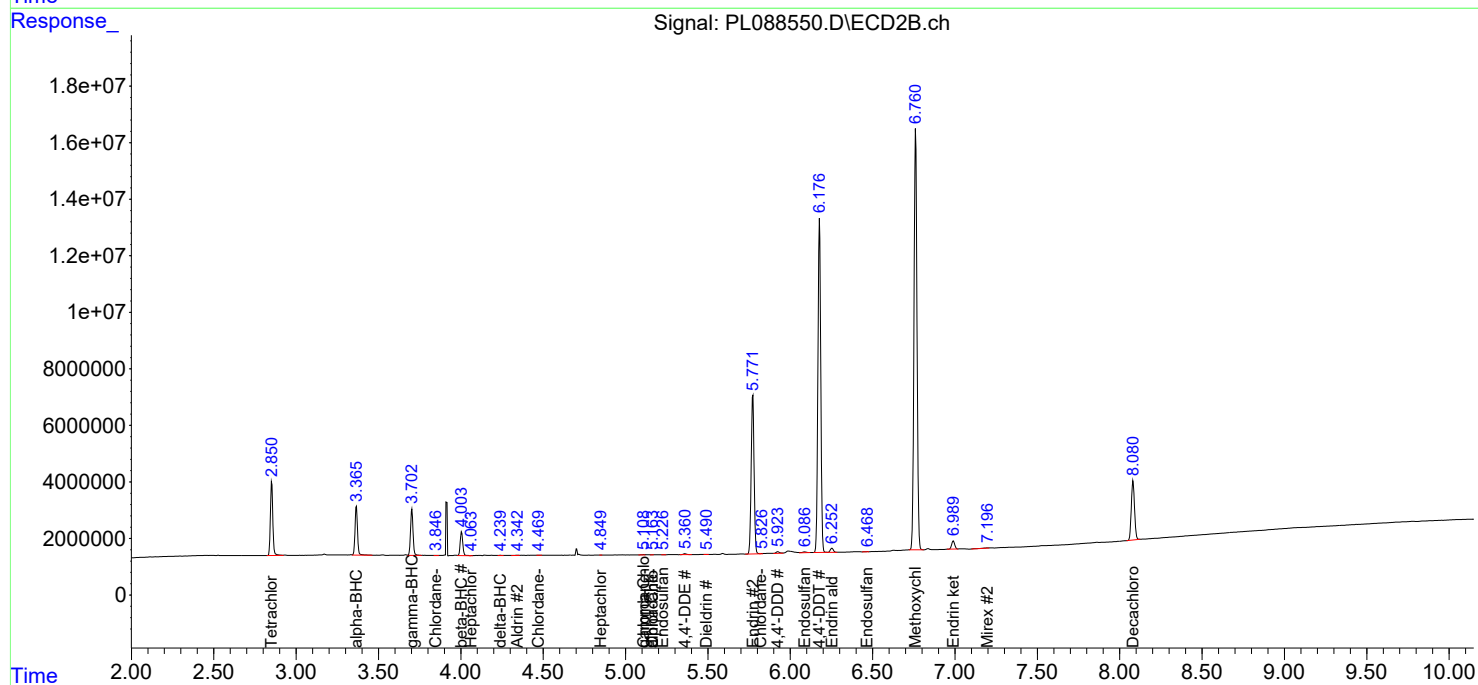
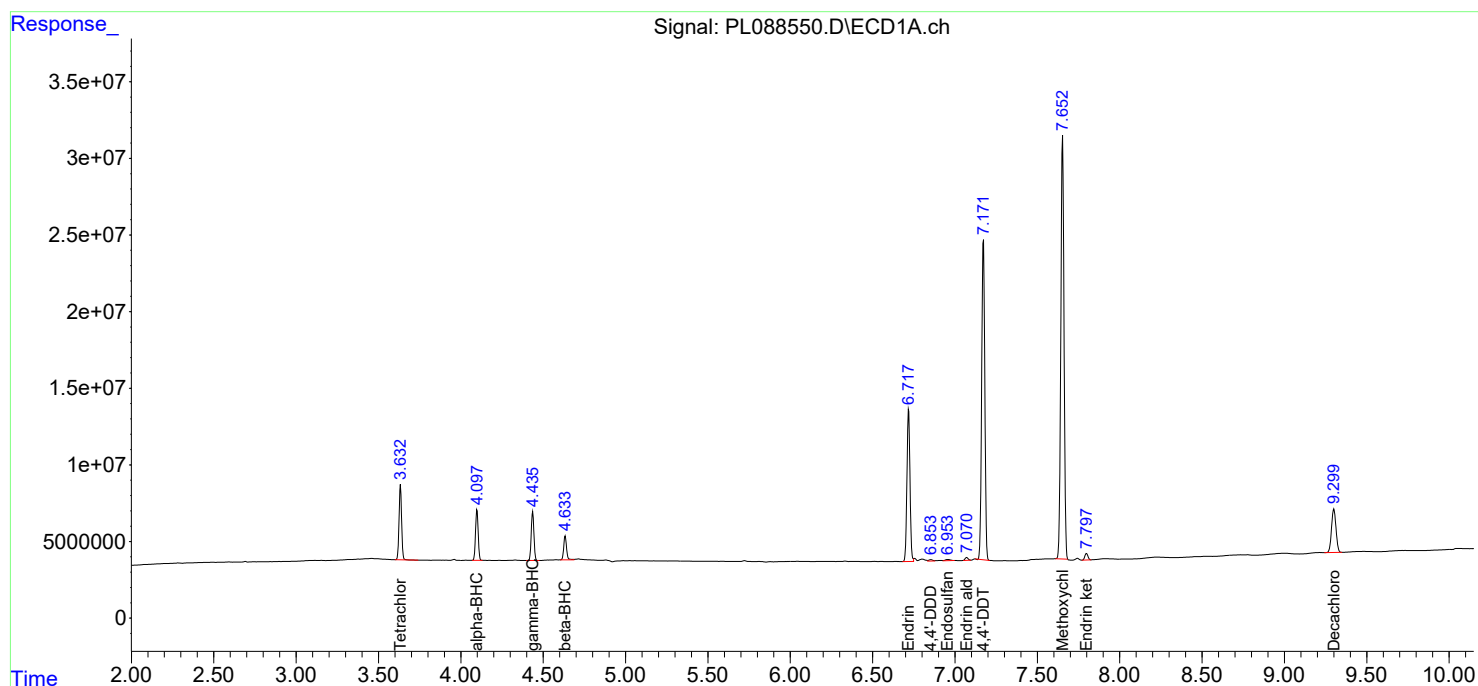
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

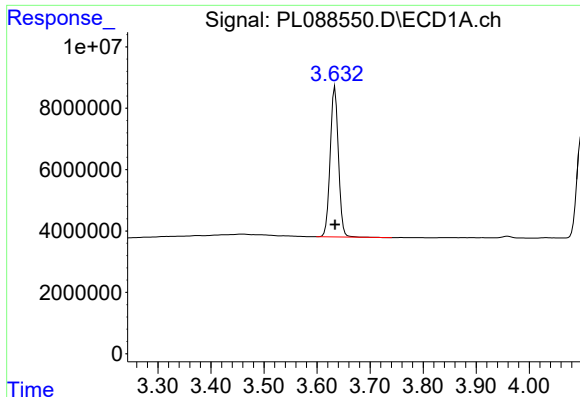
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
Data File : PL088550.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2024 11:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 16:02:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

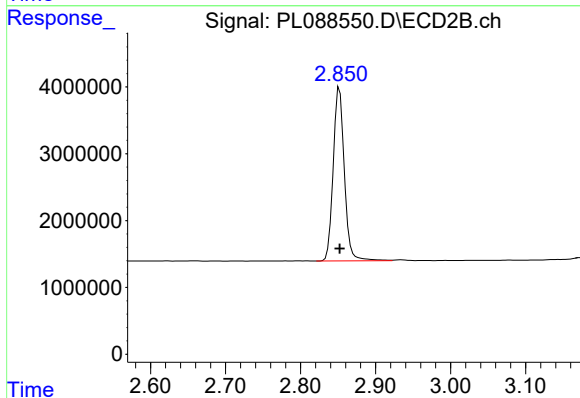




#1 Tetrachloro-m-xylene

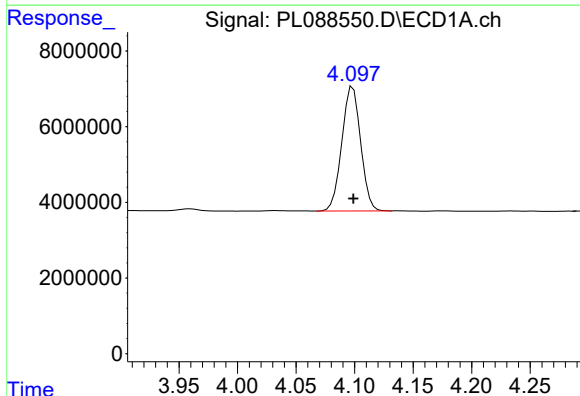
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 53269722
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



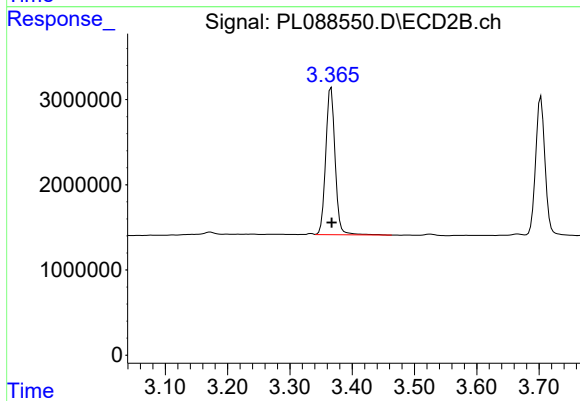
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 26841520
Conc: 20.14 ng/ml



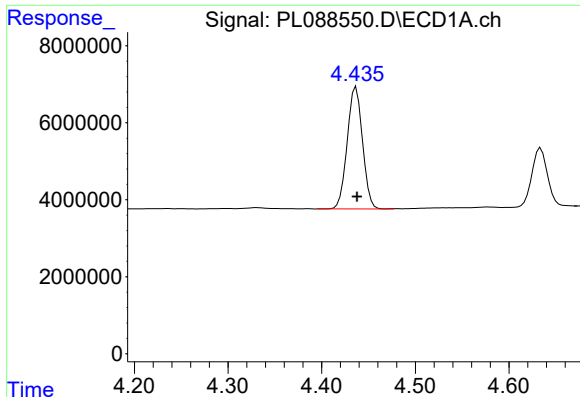
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 36693594
Conc: 9.19 ng/ml



#2 alpha-BHC

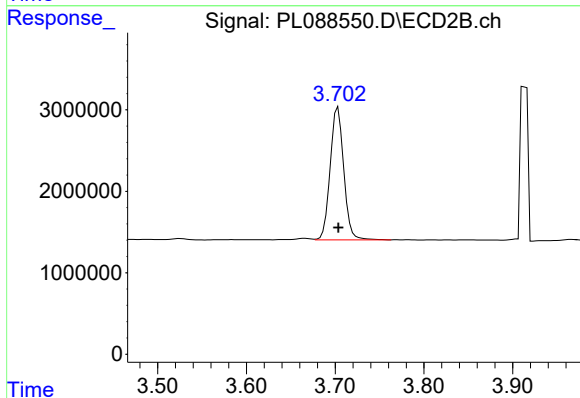
R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 18061111
Conc: 8.99 ng/ml



#3 gamma-BHC (Lindane)

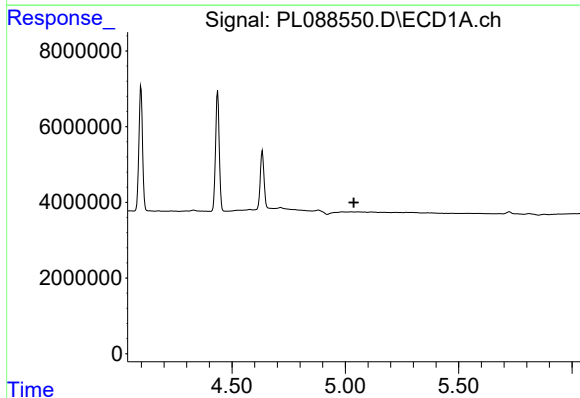
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 36043016
Conc: 9.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



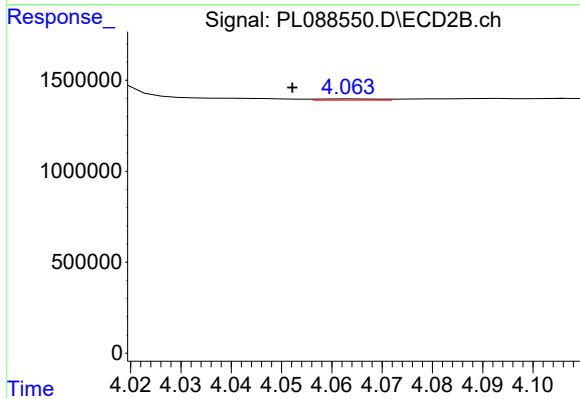
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 17259839
Conc: 8.99 ng/ml



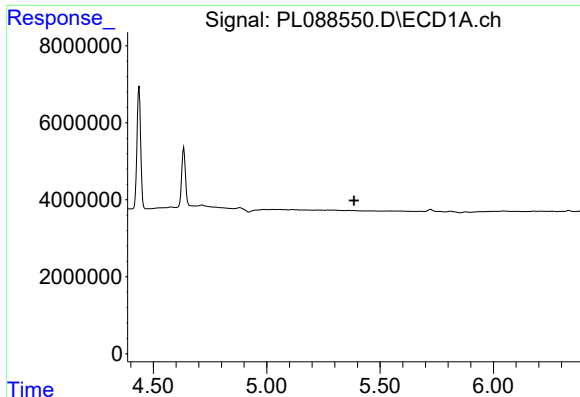
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#4 Heptachlor

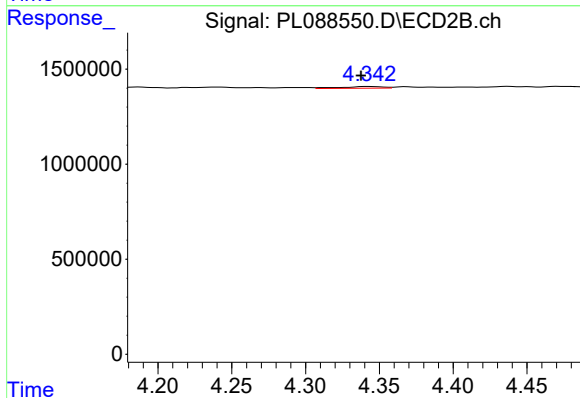
R.T.: 4.064 min
Delta R.T.: 0.012 min
Response: 57196
Conc: 0.03 ng/ml



#5 Aldrin

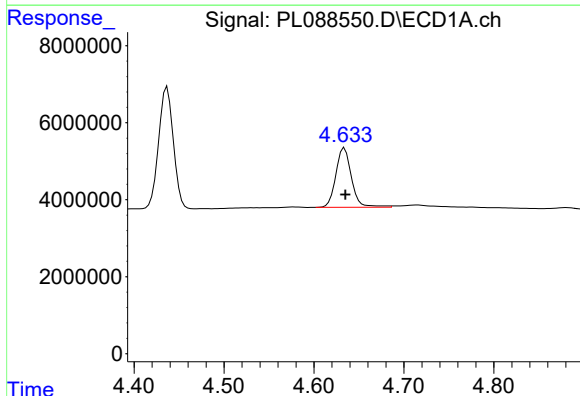
R.T.: 0.000 min
Exp R.T.: 5.385 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



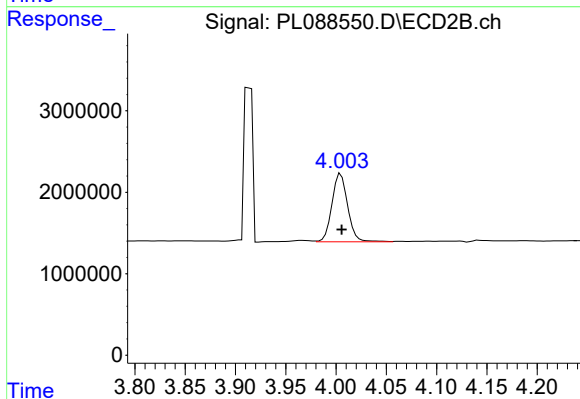
#5 Aldrin

R.T.: 4.343 min
Delta R.T.: 0.005 min
Response: 183050
Conc: 0.10 ng/ml



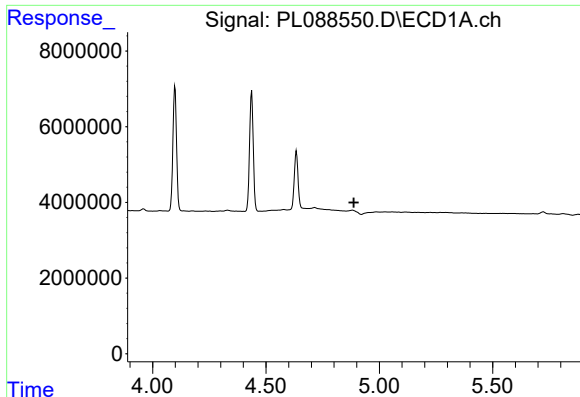
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 18587688
Conc: 10.48 ng/ml



#6 beta-BHC

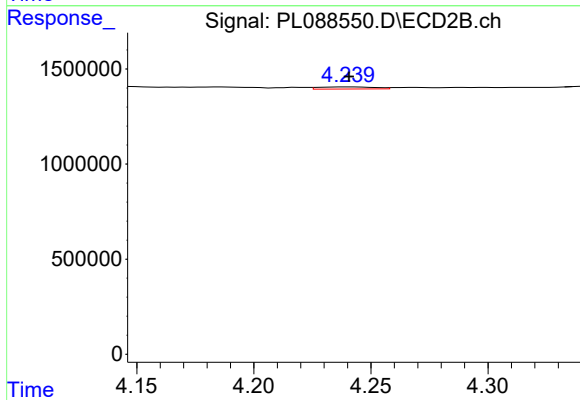
R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 9114539
Conc: 10.63 ng/ml



#7 delta-BHC

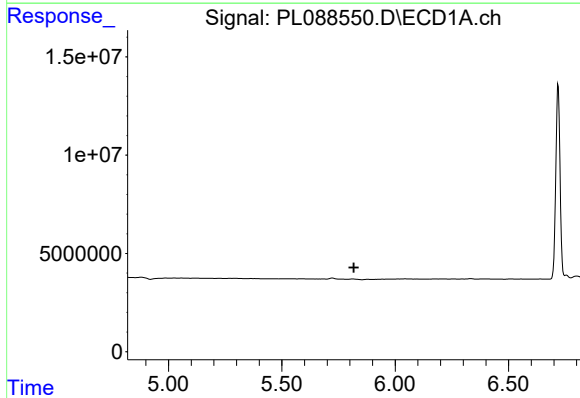
R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



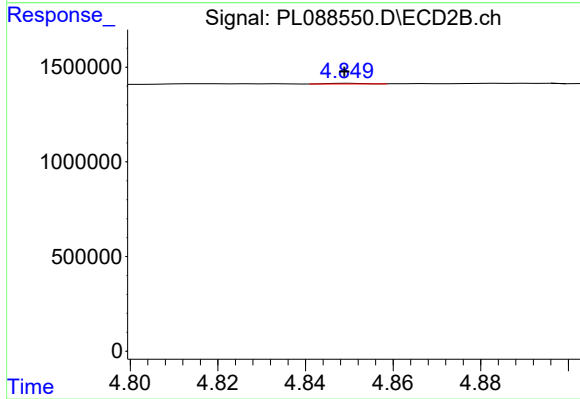
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 182433
Conc: 0.10 ng/ml



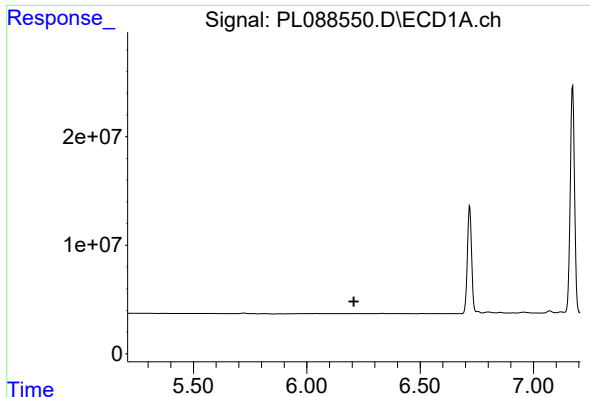
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.817 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

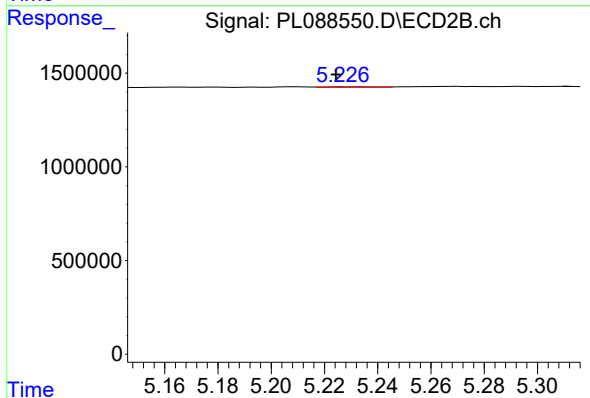
R.T.: 4.850 min
Delta R.T.: 0.001 min
Response: 18517
Conc: 0.01 ng/ml



#9 Endosulfan I

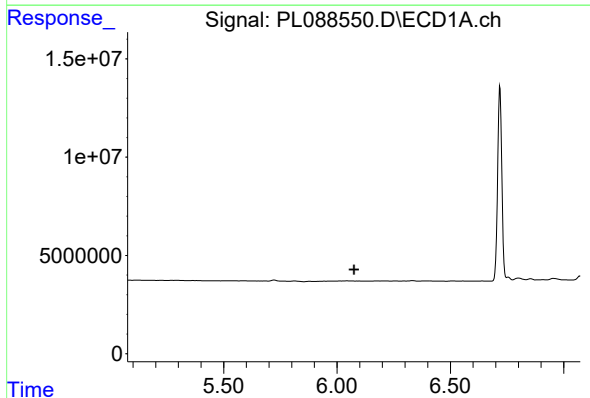
R.T.: 0.000 min
Exp R.T.: 6.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



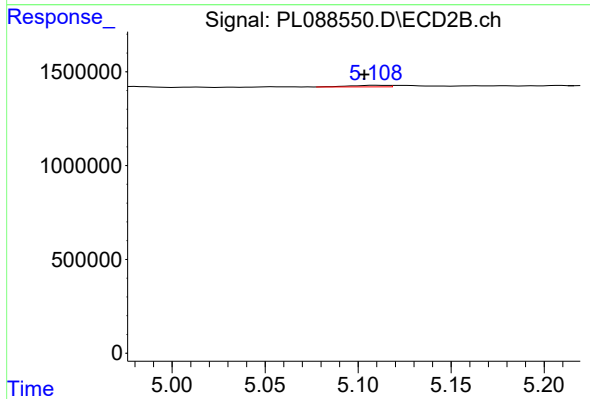
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: 0.003 min
Response: 44422
Conc: 0.03 ng/ml



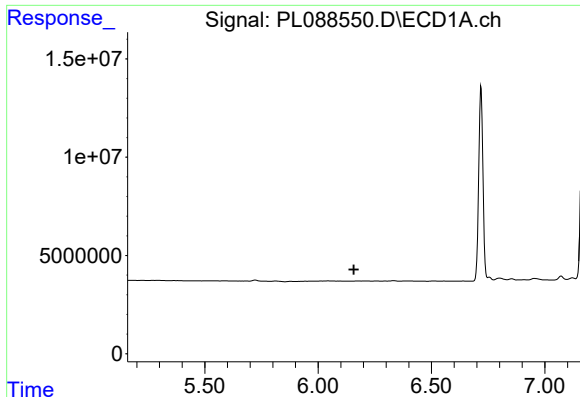
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

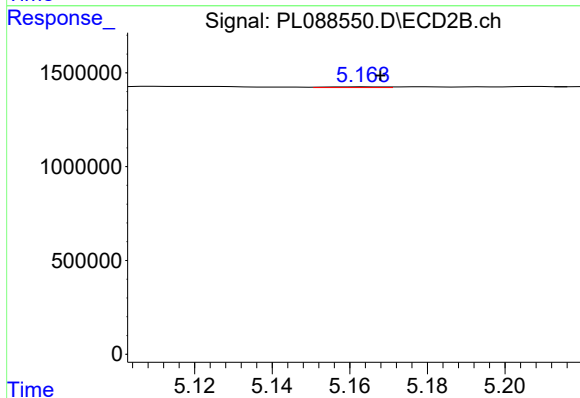
R.T.: 5.110 min
Delta R.T.: 0.006 min
Response: 121871
Conc: 0.07 ng/ml



#11 alpha-Chlordane

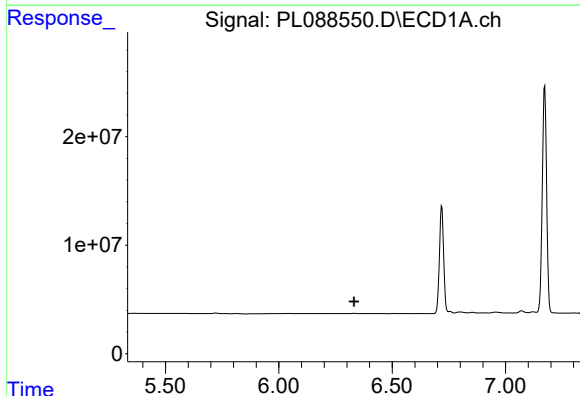
R.T.: 0.000 min
Exp R.T.: 6.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



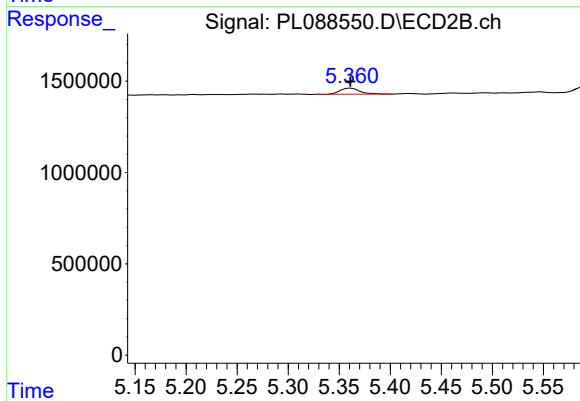
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 39112
Conc: 0.02 ng/ml



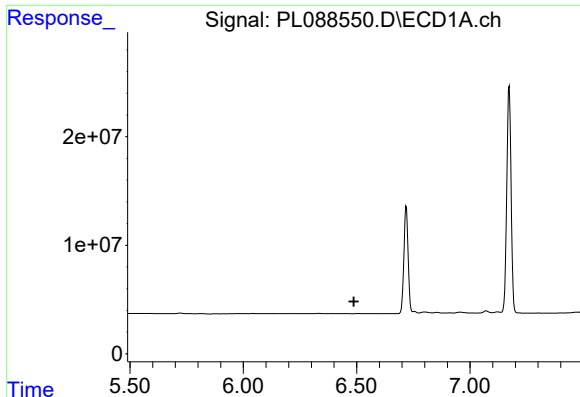
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.332 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

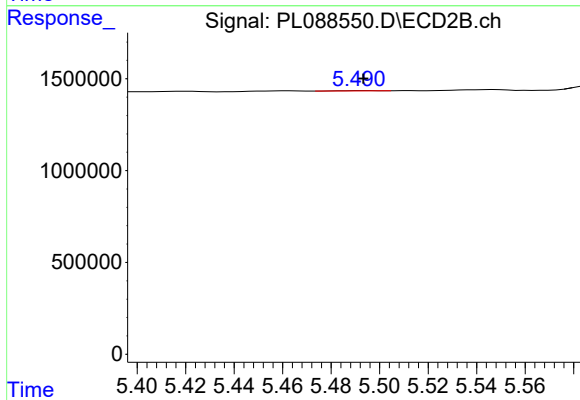
R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 451265
Conc: 0.31 ng/ml



#13 Dieldrin

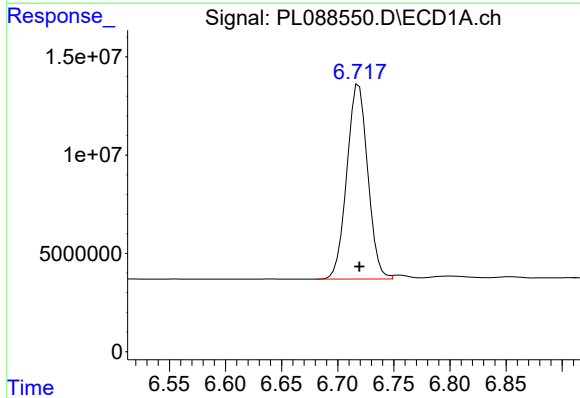
R.T.: 0.000 min
Exp R.T.: 6.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



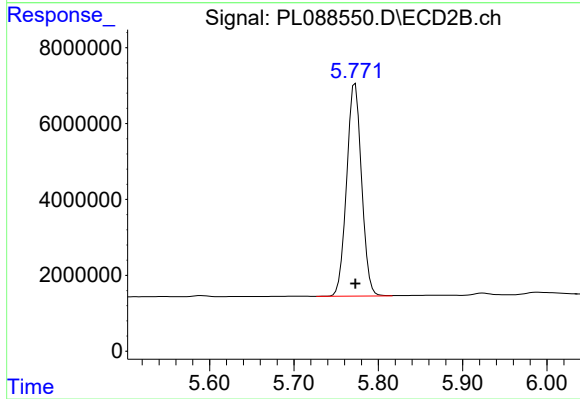
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 13542
Conc: 0.01 ng/ml



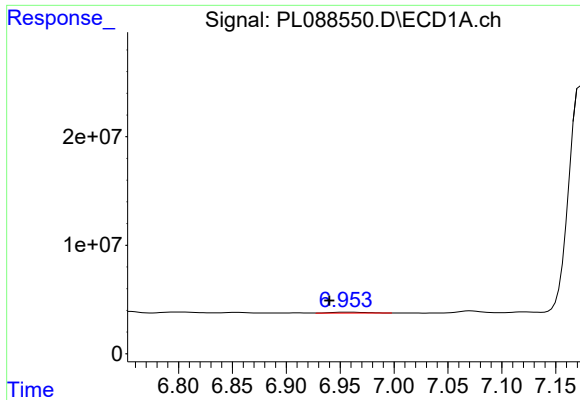
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 128434388
Conc: 46.98 ng/ml



#14 Endrin

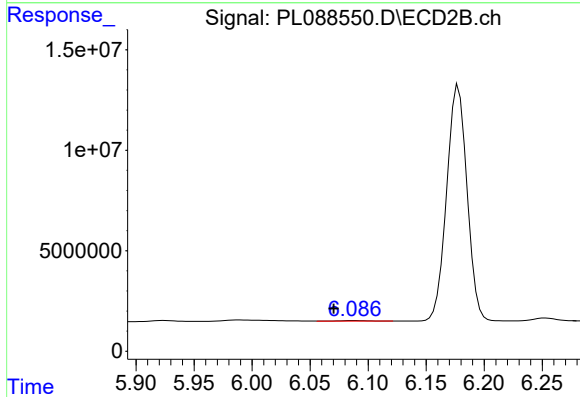
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 69082460
Conc: 47.93 ng/ml



#15 Endosulfan II

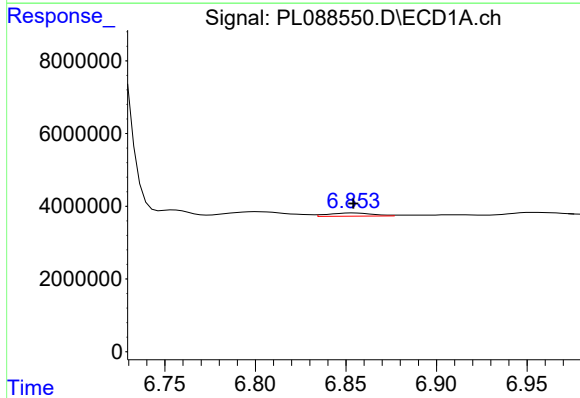
R.T.: 6.955 min
Delta R.T.: 0.015 min
Response: 1821578
Conc: 0.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



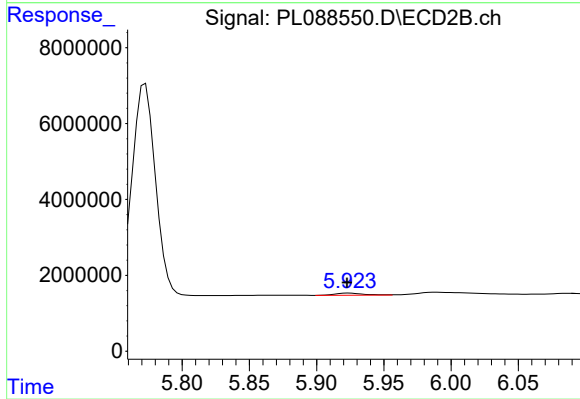
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.017 min
Response: 602095
Conc: 0.42 ng/ml



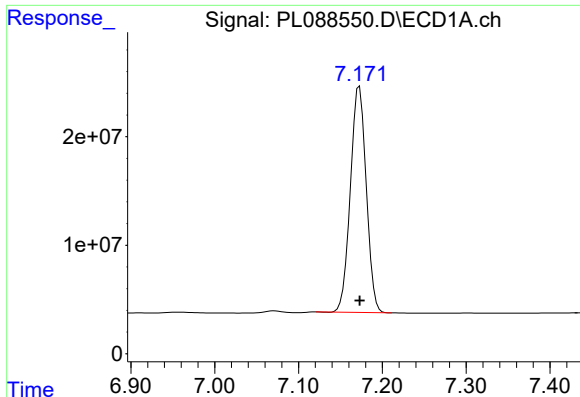
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 1502029
Conc: 0.59 ng/ml



#16 4,4'-DDD

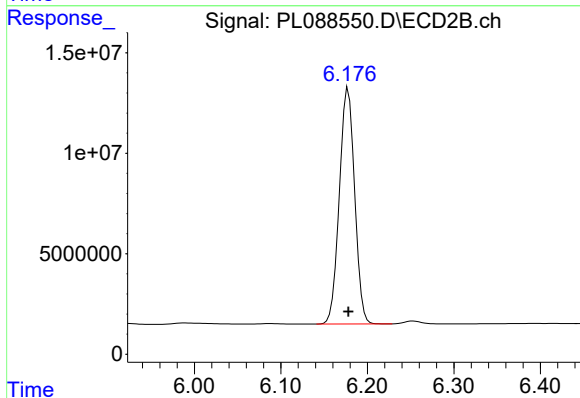
R.T.: 5.924 min
Delta R.T.: 0.001 min
Response: 880949
Conc: 0.71 ng/ml



#17 4,4'-DDT

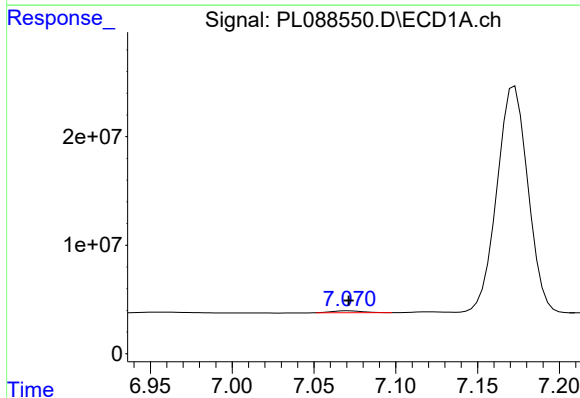
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 274526658
Conc: 102.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



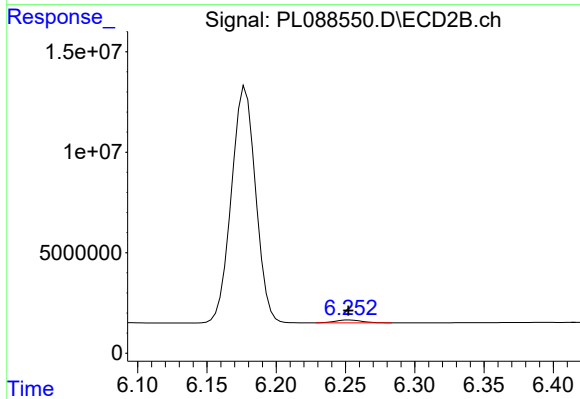
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 143422280
Conc: 106.86 ng/ml



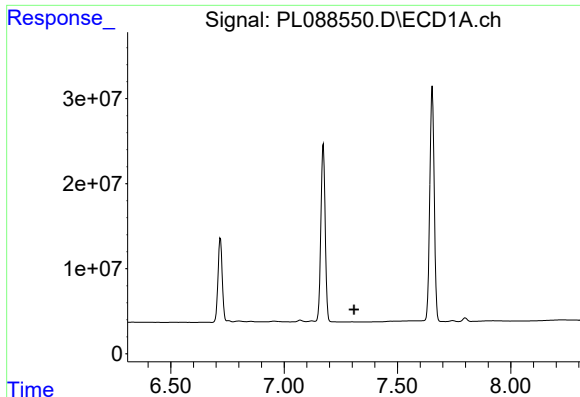
#18 Endrin aldehyde

R.T.: 7.071 min
Delta R.T.: 0.000 min
Response: 2272613
Conc: 1.09 ng/ml



#18 Endrin aldehyde

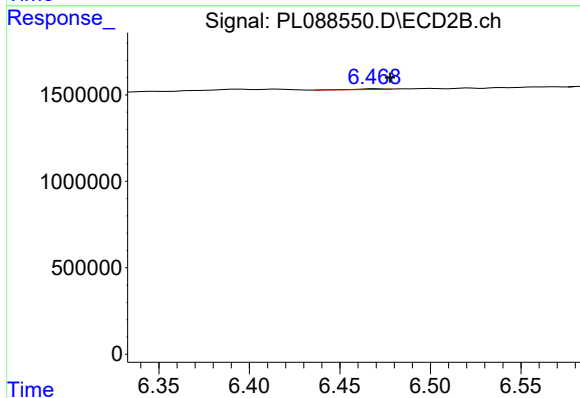
R.T.: 6.253 min
Delta R.T.: 0.001 min
Response: 1902160
Conc: 1.82 ng/ml



#19 Endosulfan Sulfate

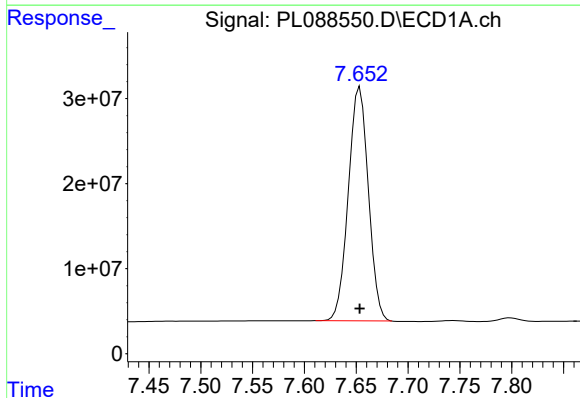
R.T.: 0.000 min
Exp R.T.: 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



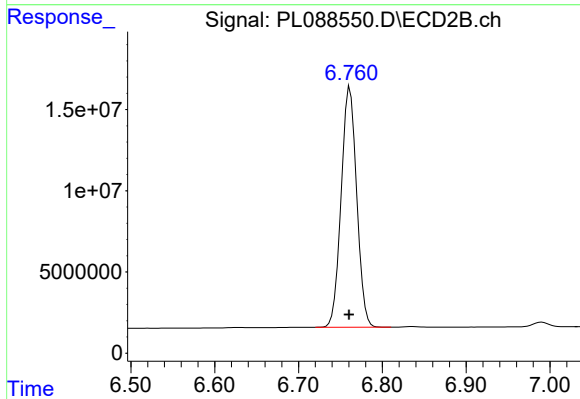
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.008 min
Response: 44256
Conc: 0.03 ng/ml



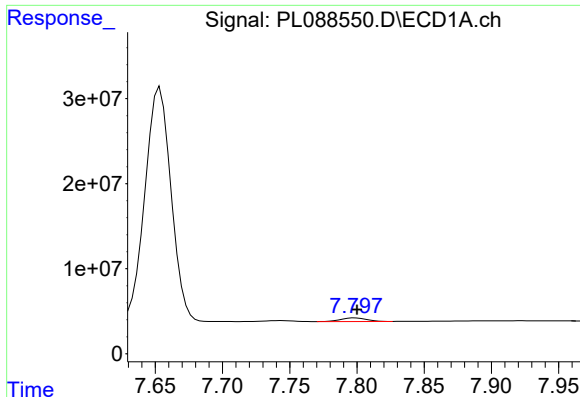
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 370493106
Conc: 245.93 ng/ml



#20 Methoxychlor

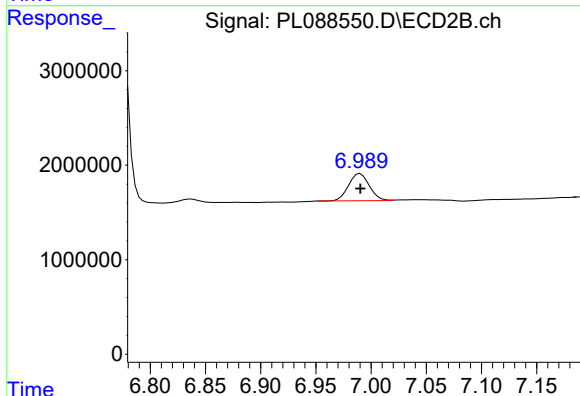
R.T.: 6.761 min
Delta R.T.: 0.001 min
Response: 190751383
Conc: 237.82 ng/ml



#21 Endrin ketone

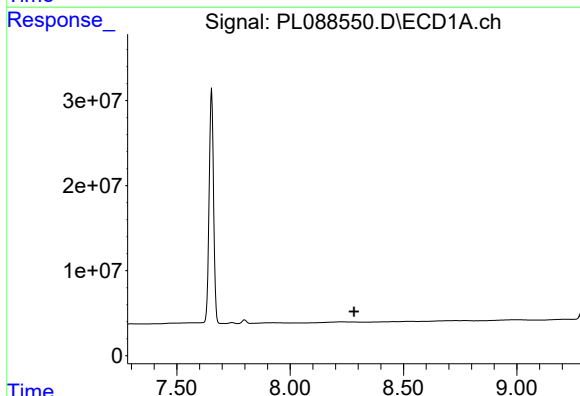
R.T.: 7.799 min
Delta R.T.: -0.001 min
Response: 5555680
Conc: 1.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



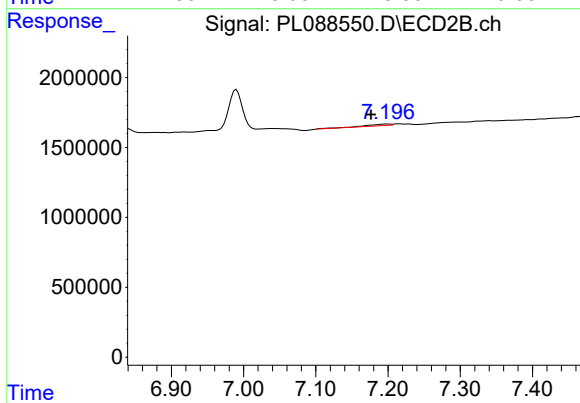
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 3776639
Conc: 2.29 ng/ml



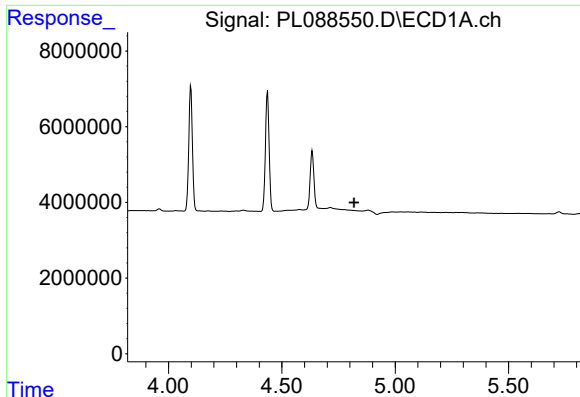
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.



#22 Mirex

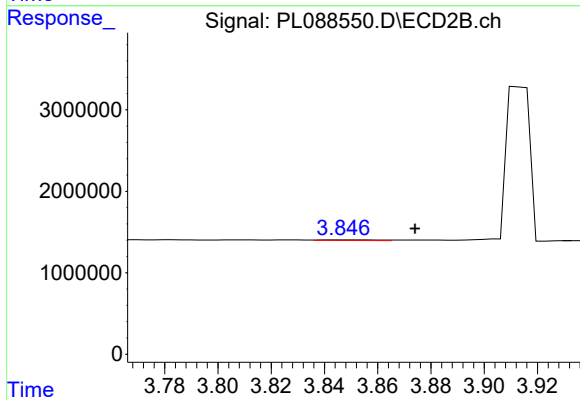
R.T.: 7.199 min
Delta R.T.: 0.022 min
Response: 265018
Conc: 0.20 ng/ml



#23 Chlordane-1

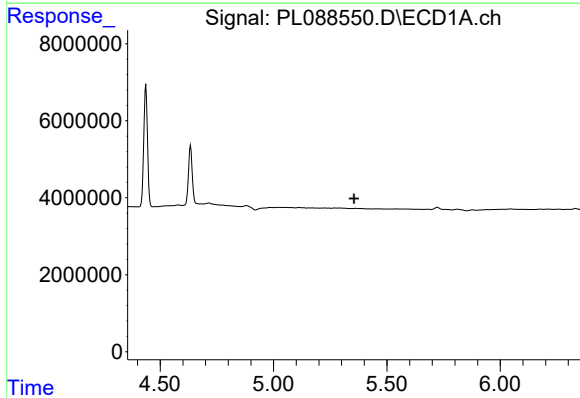
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



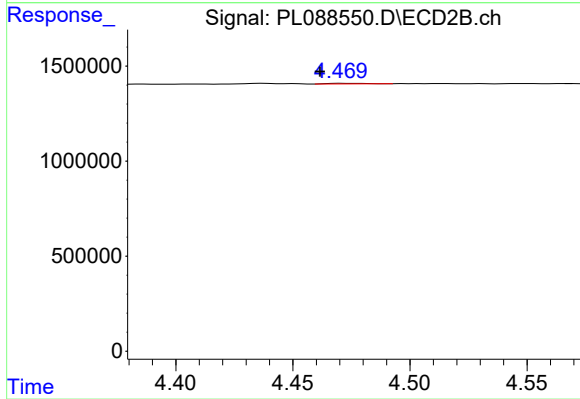
#23 Chlordane-1

R.T.: 3.847 min
Delta R.T.: -0.027 min
Response: 112492
Conc: 2.32 ng/ml



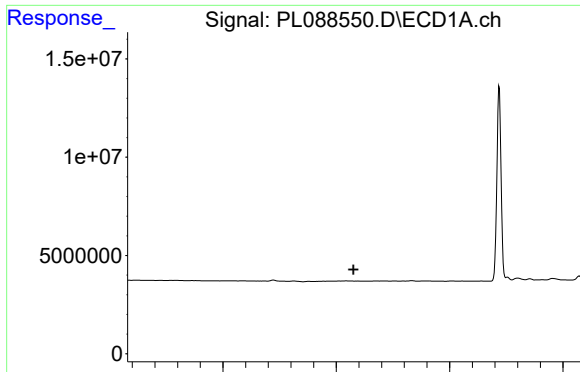
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.355 min
Response: 0
Conc: N.D.



#24 Chlordane-2

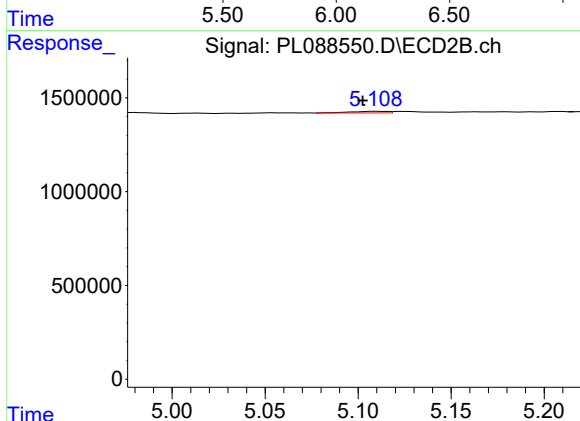
R.T.: 4.472 min
Delta R.T.: 0.010 min
Response: 33062
Conc: 0.54 ng/ml



#25 Chlordane-3

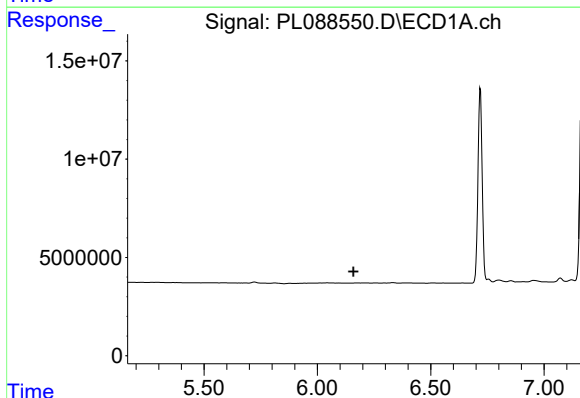
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



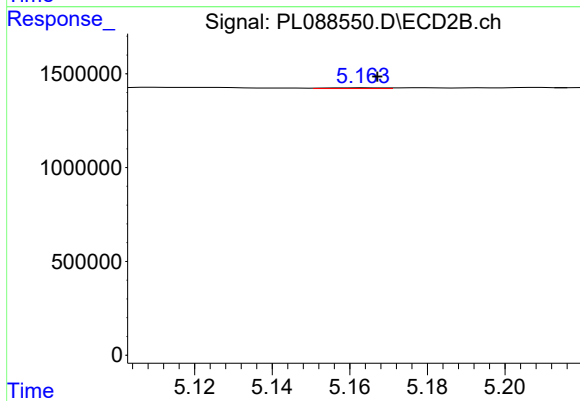
#25 Chlordane-3

R.T.: 5.110 min
Delta R.T.: 0.007 min
Response: 121871
Conc: 0.71 ng/ml



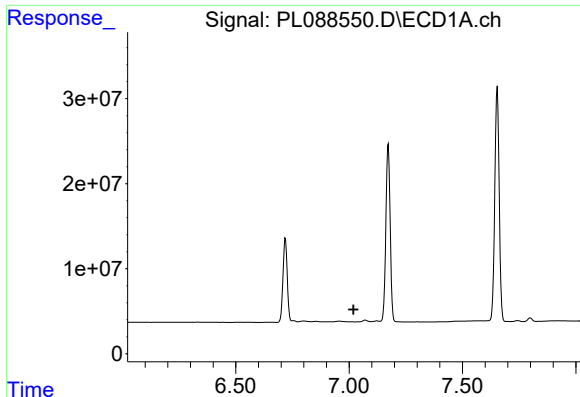
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.160 min
Response: 0
Conc: N.D.



#26 Chlordane-4

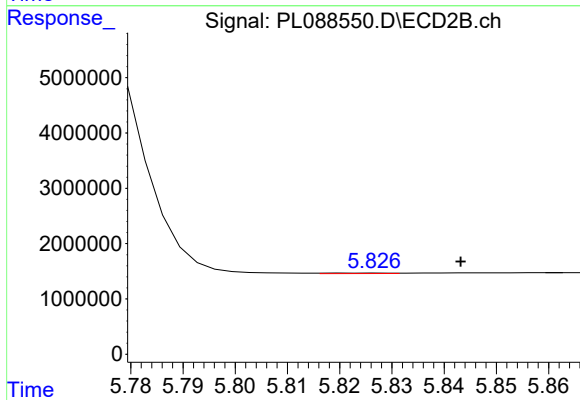
R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 39112
Conc: 0.25 ng/ml



#27 Chlordane-5

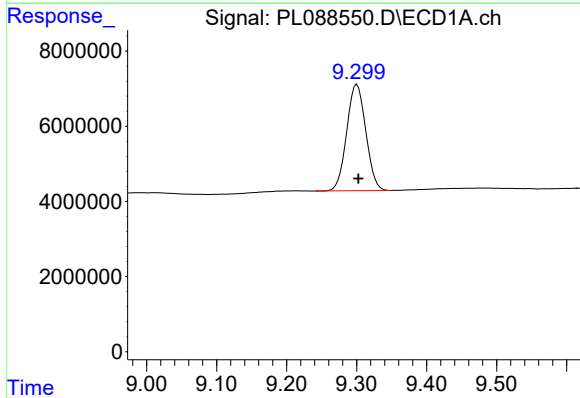
R.T.: 0.000 min
Exp R.T.: 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



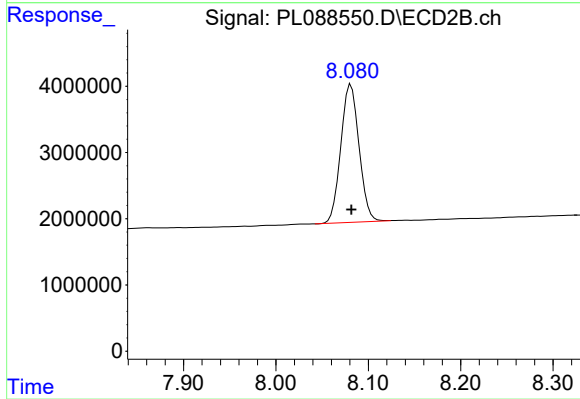
#27 Chlordane-5

R.T.: 5.821 min
Delta R.T.: -0.023 min
Response: 75094
Conc: 1.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 53623432
Conc: 21.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 28631228
Conc: 21.12 ng/ml