

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087351.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 21:12
 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: Dec 22 01:36:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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...	3.422	2.677	60244644	25113219	16.008	14.919
28) SA Decachlor...	8.980	7.866	56721036	25311363	16.634	14.986
Target Compounds						
2) A alpha-BHC	3.877	3.181	40799128	15760395	7.536	6.413
3) MA gamma-BHC...	4.211	3.512	39662982	16080541	7.547	6.638
4) MA Heptachlor	0.000	3.885f	0	30774	N.D.	0.013 #
5) MB Aldrin	0.000	4.148	0	159941	N.D.	0.067 #
6) B beta-BHC	4.411	3.814	19788784	8207917	8.616	7.885
7) B delta-BHC	0.000	4.042	0	28258	N.D.	0.012 #
8) B Heptachlo...	0.000	4.650	0	8592	N.D.	0.004 #
9) A Endosulfan I	0.000	5.024	0	16957999	N.D.	7.847 #
10) B gamma-Chl...	0.000	4.910	0	748430	N.D.	0.327 #
12) B 4,4'-DDE	6.094	5.158	845067	-62862	0.204	N.D. #
13) MA Dieldrin	6.279f	5.289	1078167	1052687	0.232	0.473 #
14) MA Endrin	6.471	5.557	127.3E6	64061175	33.089	32.101
15) B Endosulfa...	6.725f	5.886f	174836	183655	0.044	0.094 #
16) A 4,4'-DDD	6.617	5.717	4685444	2230059	1.418	1.347
17) MA 4,4'-DDT	6.934	5.971	264.7E6	124.9E6	70.382	67.710
18) B Endrin al...	6.825	6.037	4411585	2886277	1.522	1.967 #
19) B Endosulfa...	0.000	6.266	0	26181	N.D.	0.014 #
20) A Methoxychlor	7.419	6.556	346.1E6	161.9E6	177.511	158.472
21) B Endrin ke...	7.547	6.766	7144403	4403360	1.756	2.069
22) Mirex	8.055f	6.936f	641791	101054	0.191	0.057 #
23) Chlordane-1	0.000	3.684	0	42122	N.D.	0.679 #
24) Chlordane-2	0.000	4.255	0	312141	N.D.	4.066 #
25) Chlordane-3	0.000	4.910	0	748430	N.D.	3.386 #
27) Chlordane-5	0.000	5.636	0	40085	N.D.	0.620 #

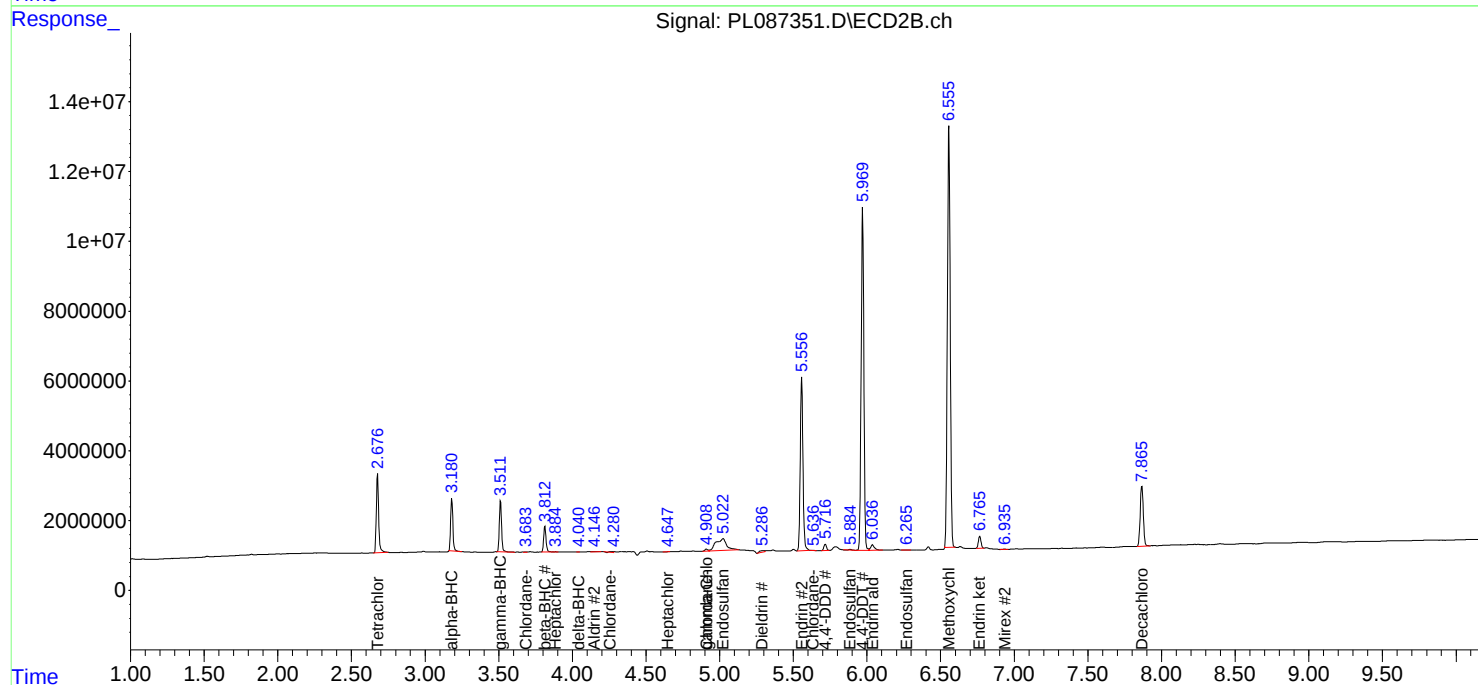
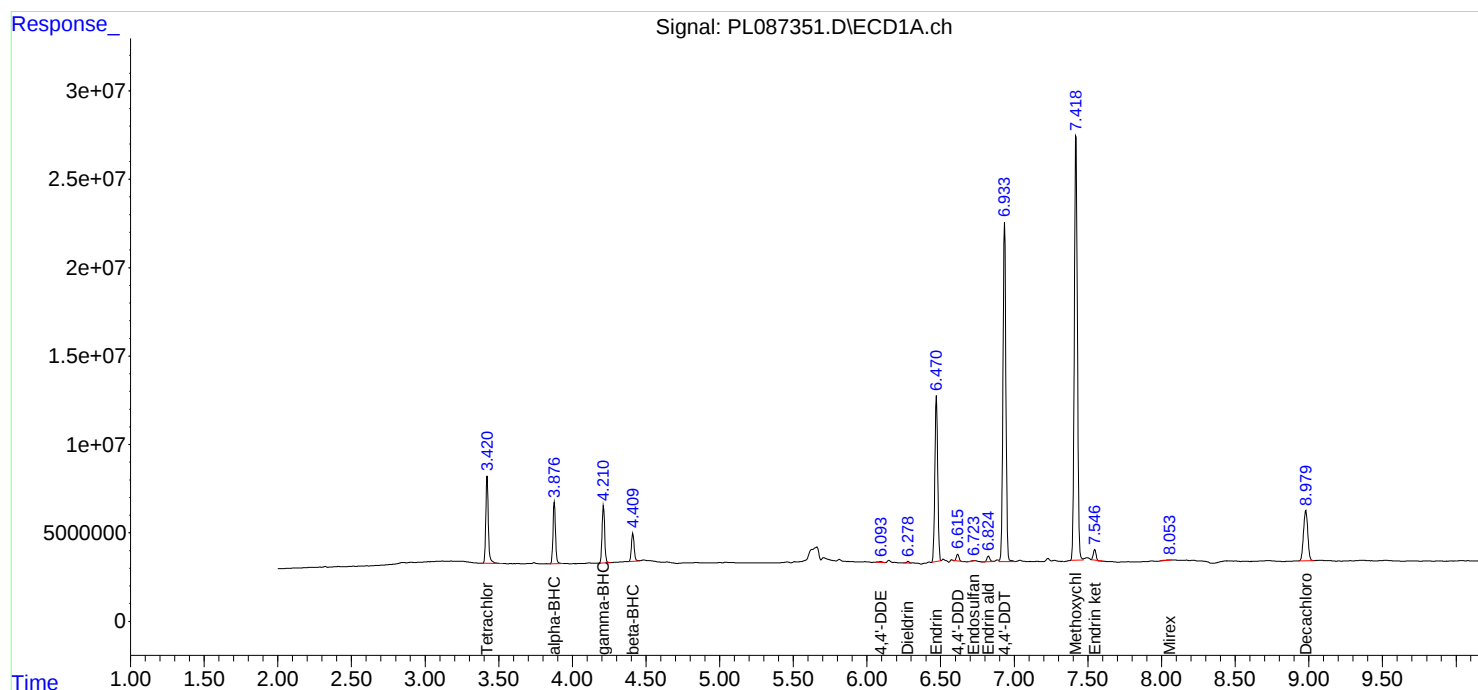
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

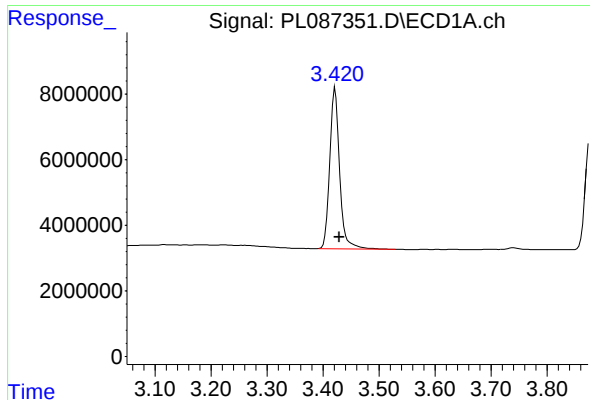
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087351.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 21:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 01:36:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
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

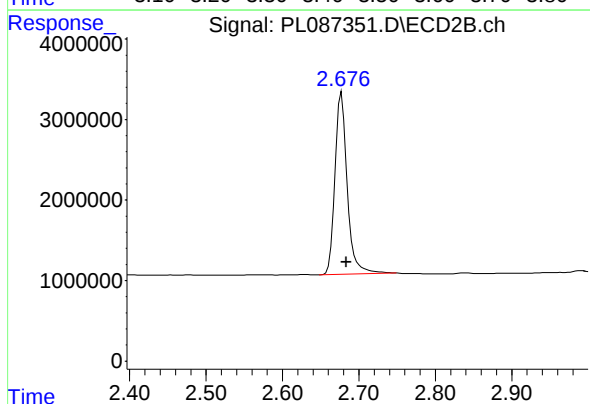




#1 Tetrachloro-m-xylene

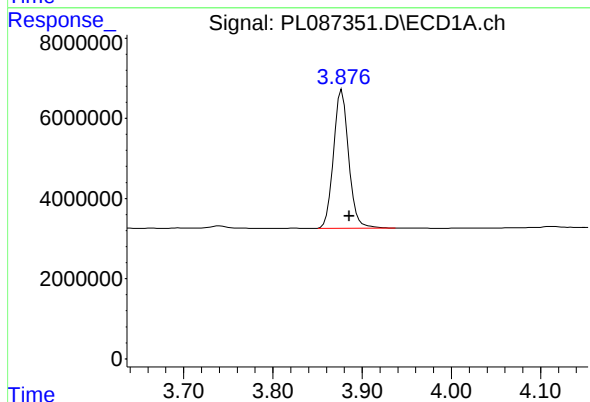
R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 60244644
Conc: 16.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



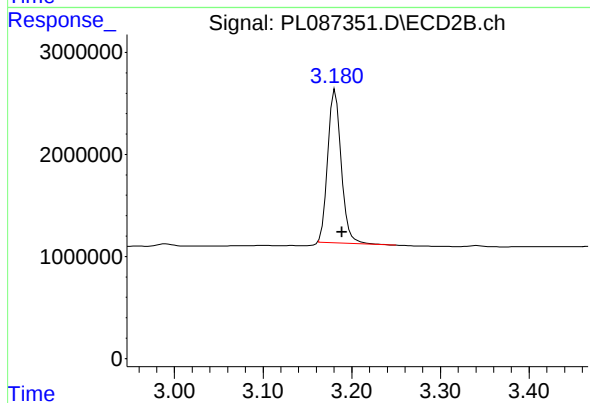
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 25113219
Conc: 14.92 ng/ml



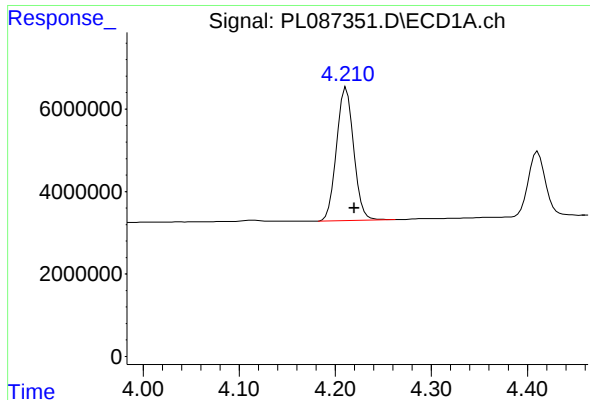
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.008 min
Response: 40799128
Conc: 7.54 ng/ml



#2 alpha-BHC

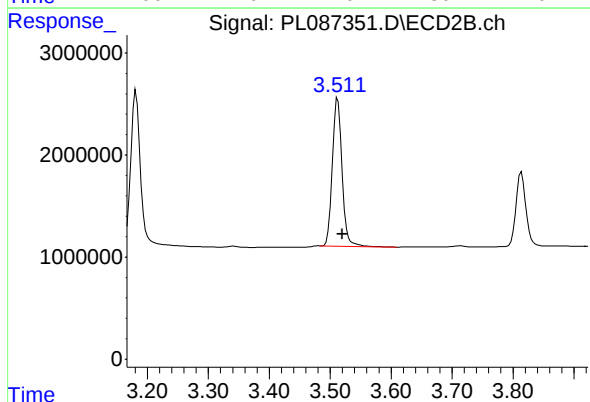
R.T.: 3.181 min
Delta R.T.: -0.007 min
Response: 15760395
Conc: 6.41 ng/ml



#3 gamma-BHC (Lindane)

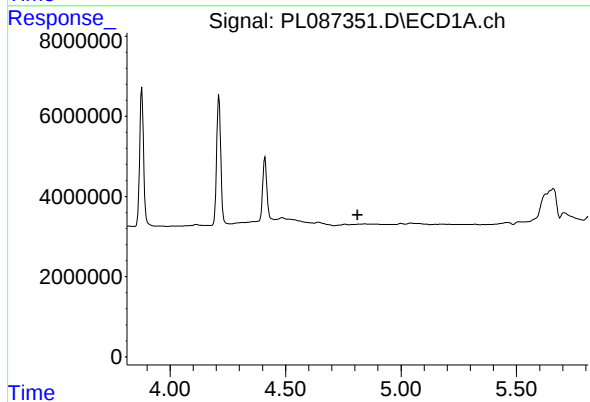
R.T.: 4.211 min
Delta R.T.: -0.008 min
Response: 39662982
Conc: 7.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



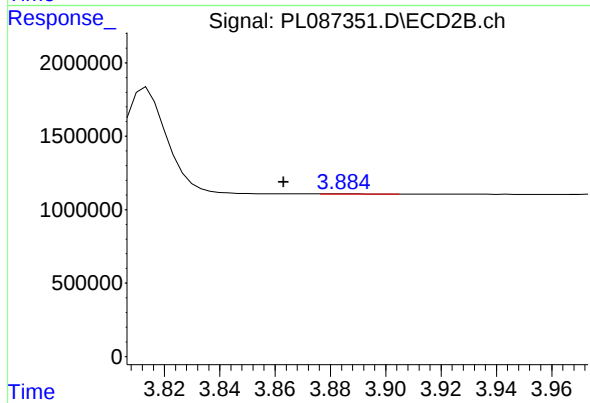
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 16080541
Conc: 6.64 ng/ml



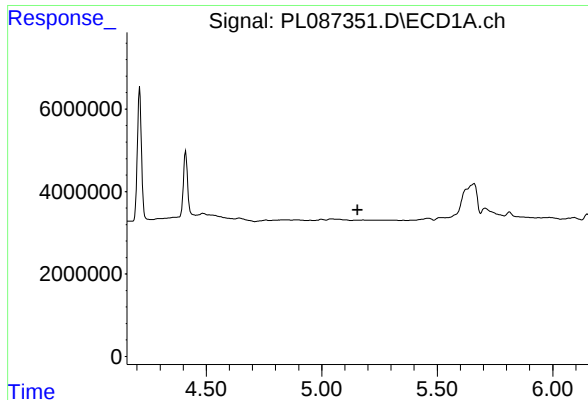
#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 4.813 min
Response: 0
Conc: N.D.



#4 Heptachlor

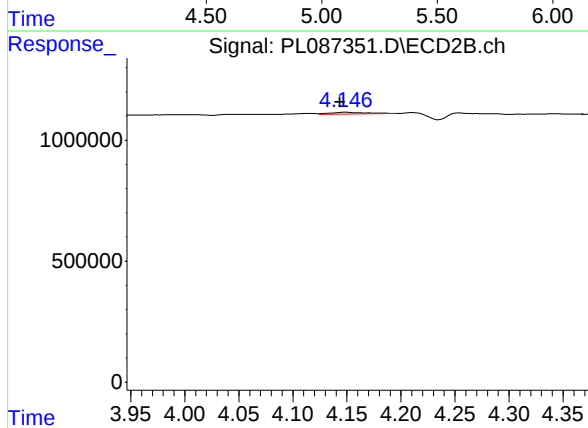
R.T.: 3.885 min
Delta R.T.: 0.022 min
Response: 30774
Conc: 0.01 ng/ml



#5 Aldrin

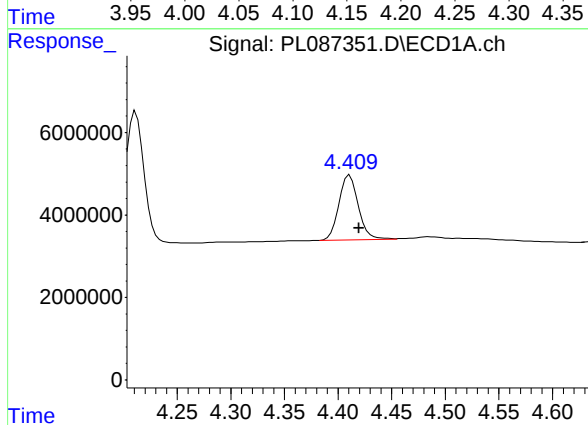
R.T.: 0.000 min
Exp R.T.: 5.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



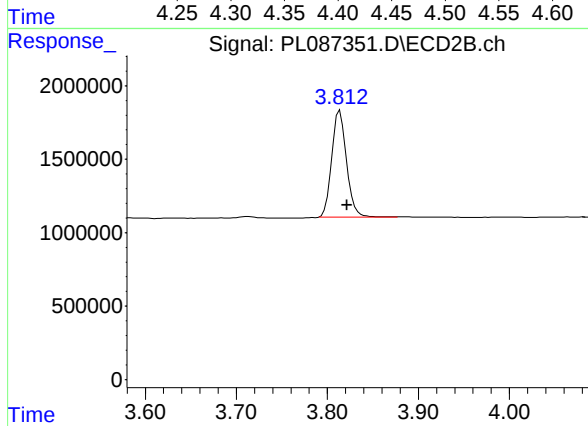
#5 Aldrin

R.T.: 4.148 min
Delta R.T.: 0.005 min
Response: 159941
Conc: 0.07 ng/ml



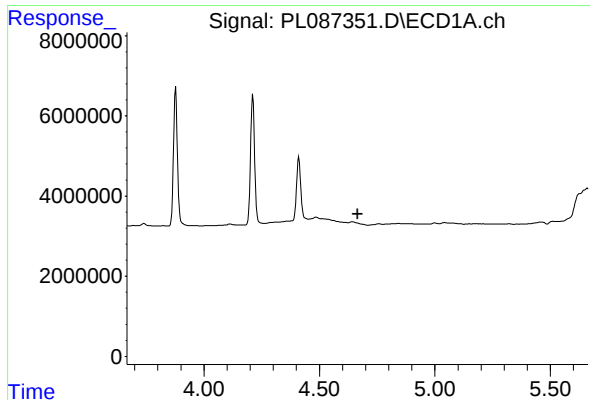
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 19788784
Conc: 8.62 ng/ml



#6 beta-BHC

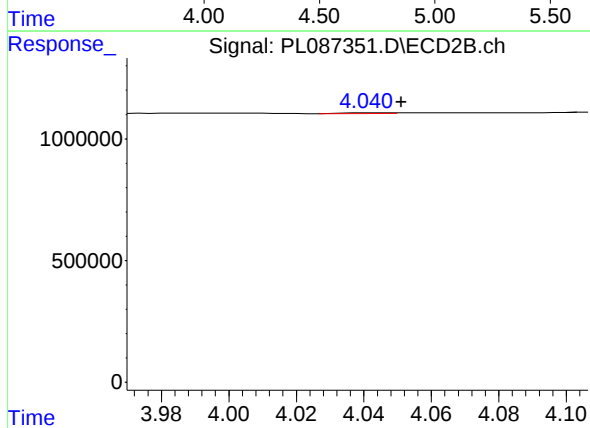
R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 8207917
Conc: 7.88 ng/ml



#7 delta-BHC

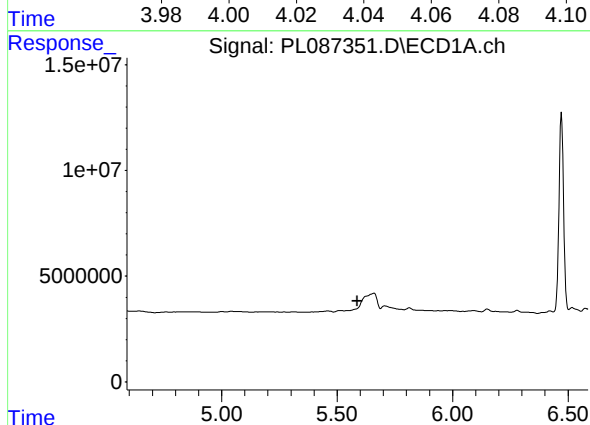
R.T.: 0.000 min
Exp R.T.: 4.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



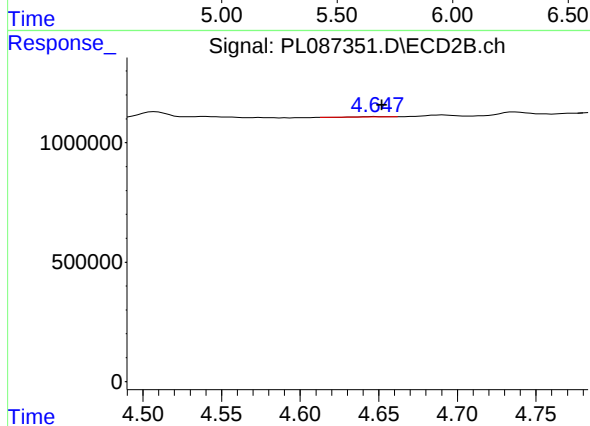
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 28258
Conc: 0.01 ng/ml



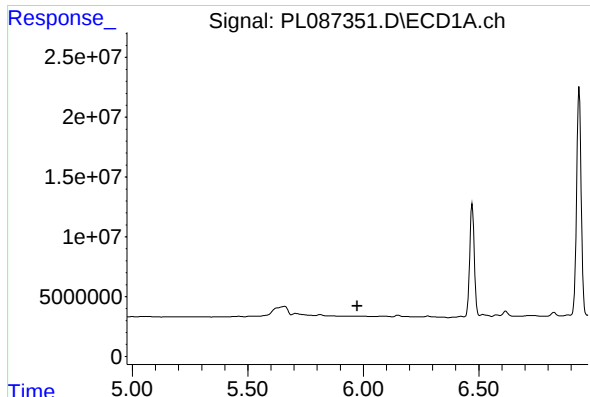
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.587 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

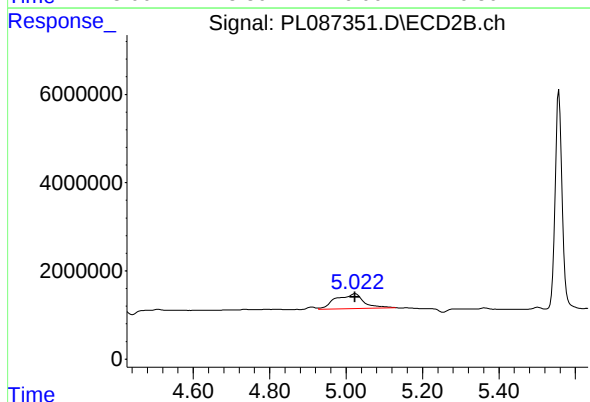
R.T.: 4.650 min
Delta R.T.: -0.003 min
Response: 8592
Conc: 0.00 ng/ml



#9 Endosulfan I

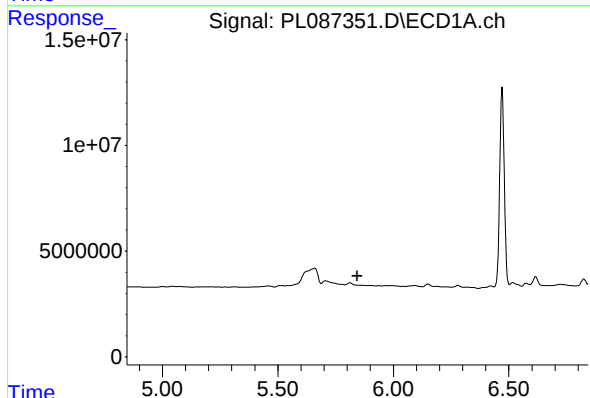
R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



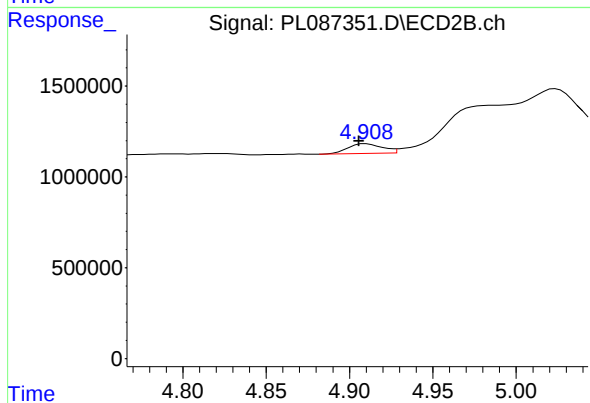
#9 Endosulfan I

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 16957999
Conc: 7.85 ng/ml



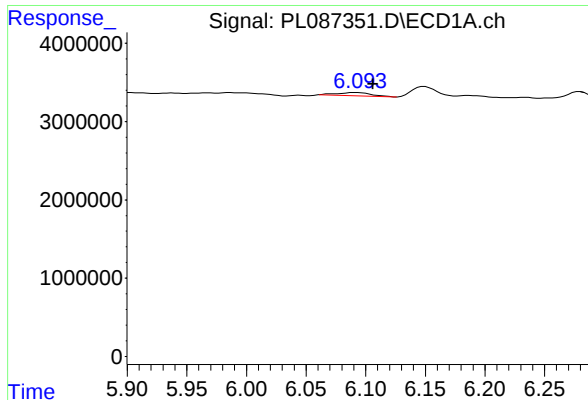
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.844 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

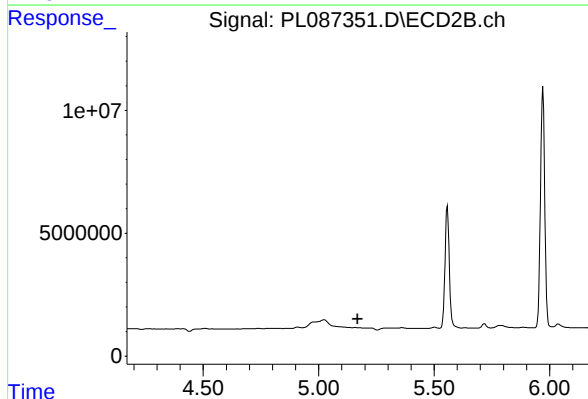
R.T.: 4.910 min
Delta R.T.: 0.004 min
Response: 748430
Conc: 0.33 ng/ml



#12 4,4'-DDE

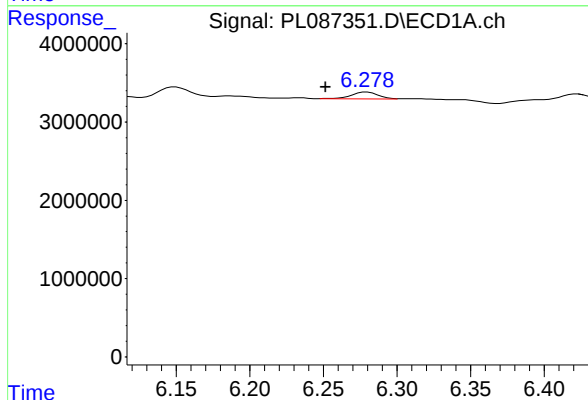
R.T.: 6.094 min
Delta R.T.: -0.012 min
Response: 845067
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



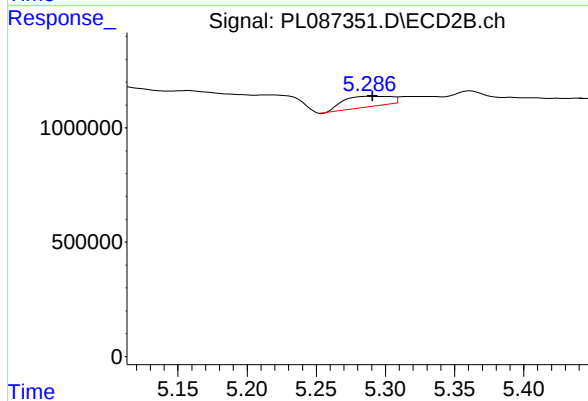
#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: -0.011 min
Response: -62862
Conc: N.D.



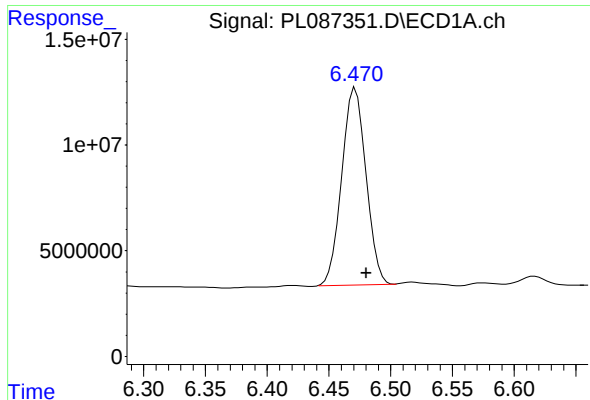
#13 Dieldrin

R.T.: 6.279 min
Delta R.T.: 0.028 min
Response: 1078167
Conc: 0.23 ng/ml



#13 Dieldrin

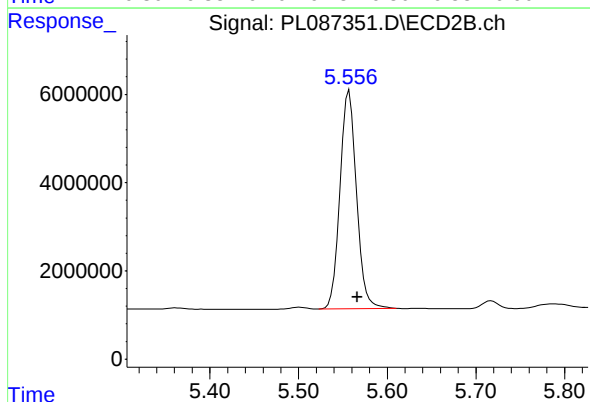
R.T.: 5.289 min
Delta R.T.: -0.002 min
Response: 1052687
Conc: 0.47 ng/ml



#14 Endrin

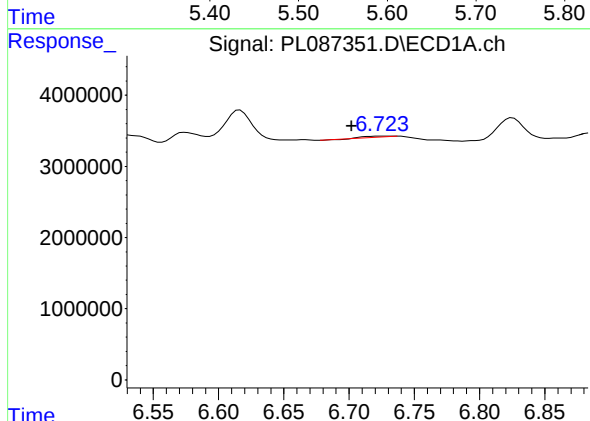
R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 127306191
Conc: 33.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



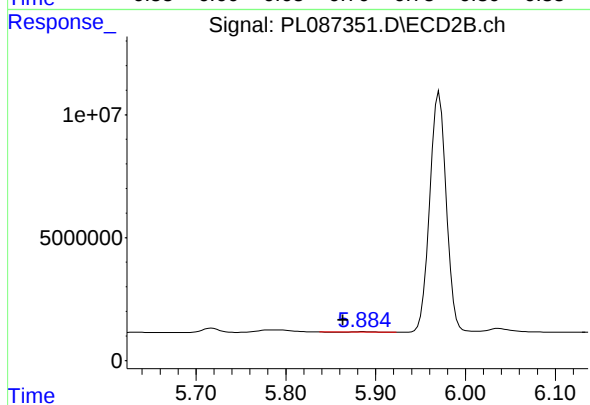
#14 Endrin

R.T.: 5.557 min
Delta R.T.: -0.009 min
Response: 64061175
Conc: 32.10 ng/ml



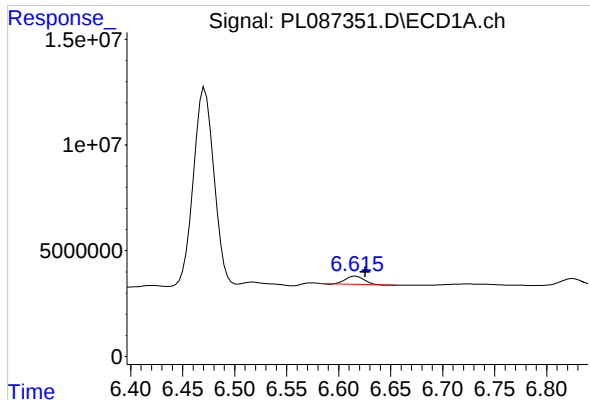
#15 Endosulfan II

R.T.: 6.725 min
Delta R.T.: 0.023 min
Response: 174836
Conc: 0.04 ng/ml



#15 Endosulfan II

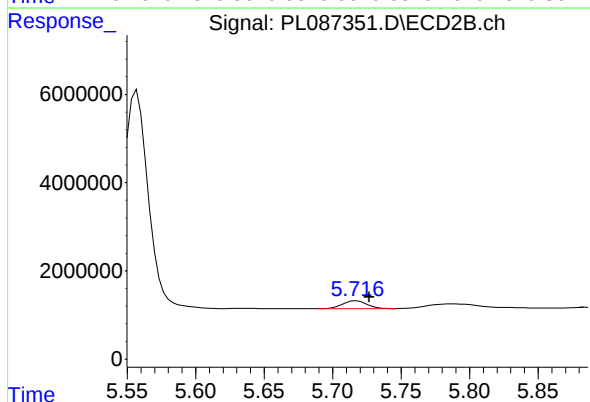
R.T.: 5.886 min
Delta R.T.: 0.022 min
Response: 183655
Conc: 0.09 ng/ml



#16 4,4'-DDD

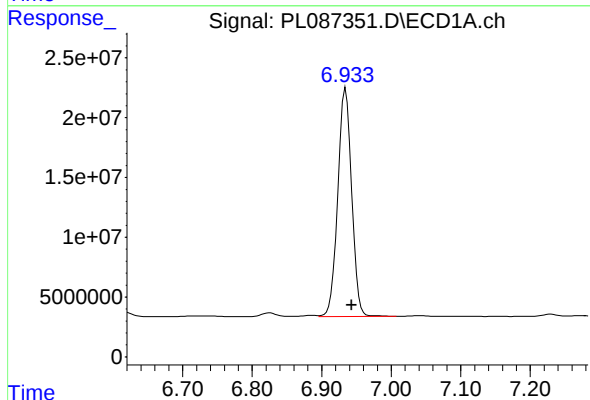
R.T.: 6.617 min
Delta R.T.: -0.009 min
Response: 4685444
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



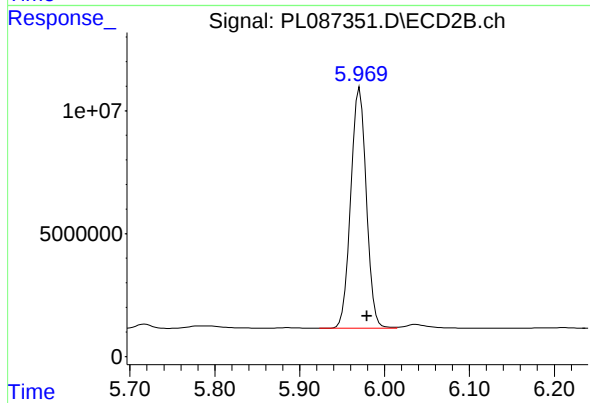
#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.009 min
Response: 2230059
Conc: 1.35 ng/ml



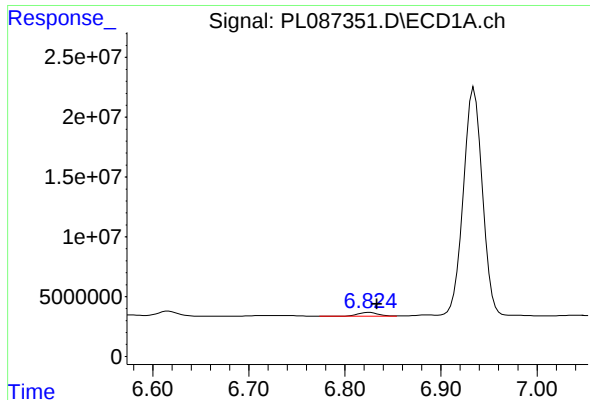
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 264652488
Conc: 70.38 ng/ml



#17 4,4'-DDT

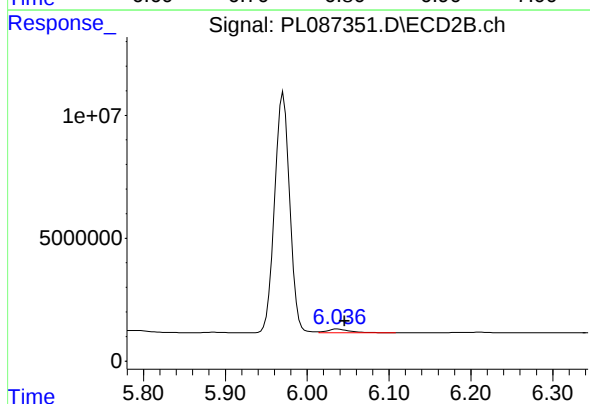
R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 124879291
Conc: 67.71 ng/ml



#18 Endrin aldehyde

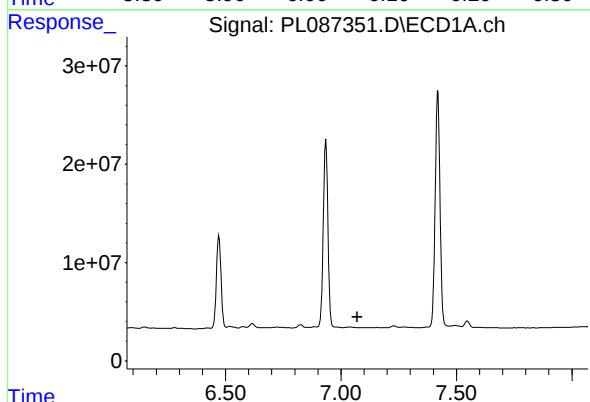
R.T.: 6.825 min
Delta R.T.: -0.008 min
Response: 4411585
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



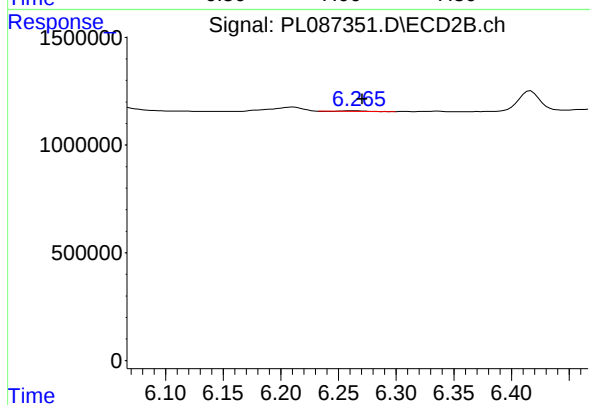
#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.008 min
Response: 2886277
Conc: 1.97 ng/ml



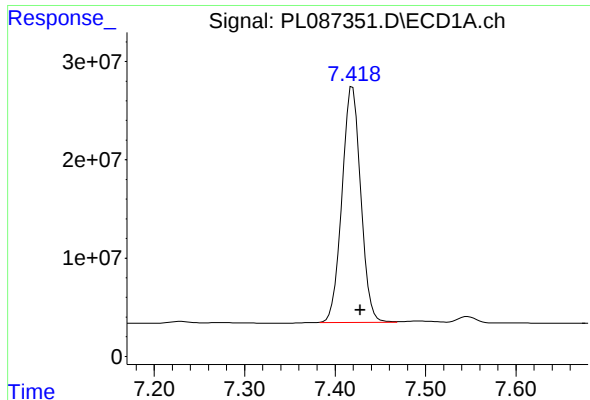
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T.: 7.070 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

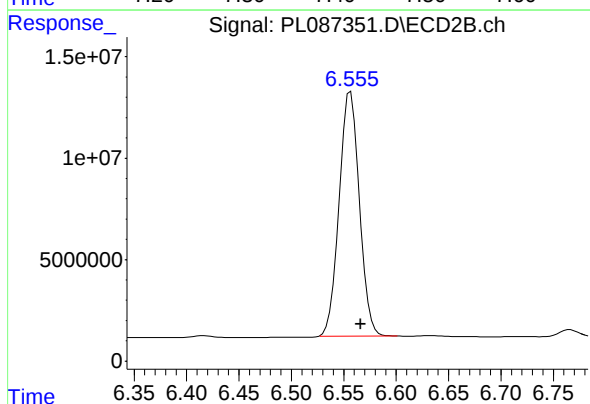
R.T.: 6.266 min
Delta R.T.: -0.005 min
Response: 26181
Conc: 0.01 ng/ml



#20 Methoxychlor

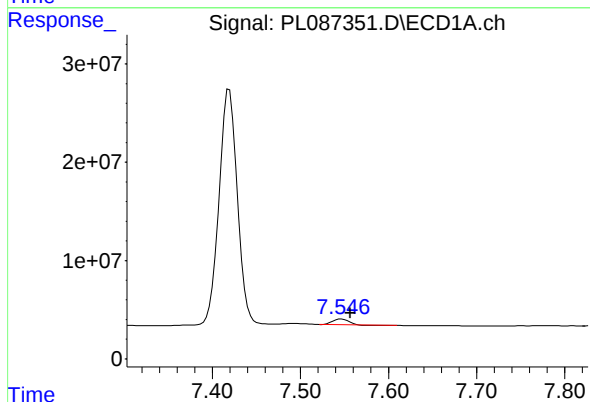
R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 346133565
Conc: 177.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



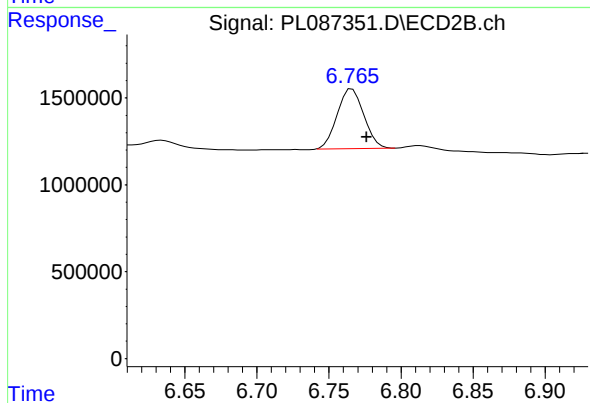
#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 161861747
Conc: 158.47 ng/ml



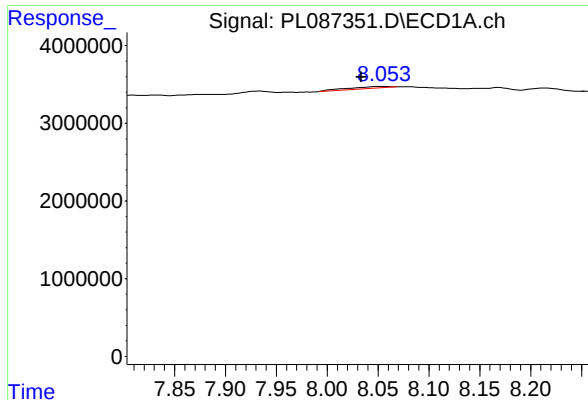
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 7144403
Conc: 1.76 ng/ml



#21 Endrin ketone

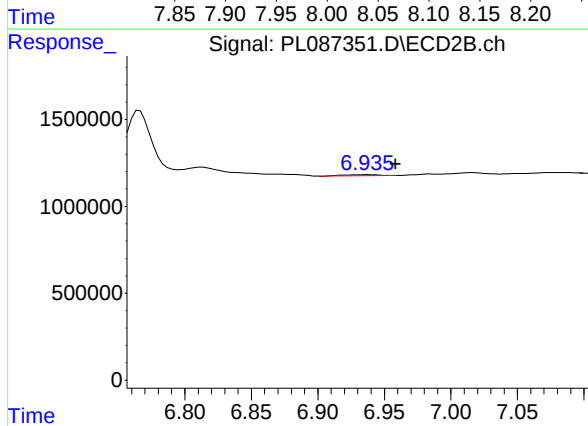
R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 4403360
Conc: 2.07 ng/ml



#22 Mirex

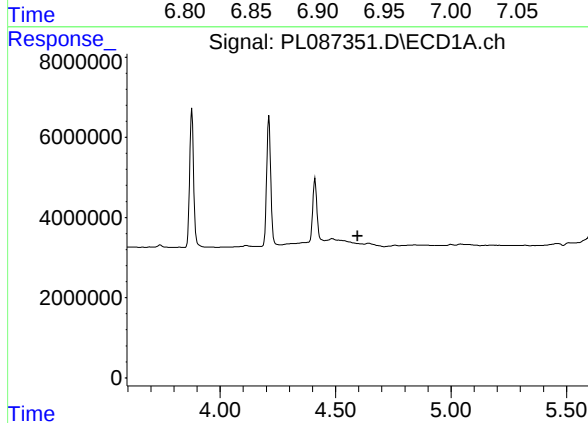
R.T.: 8.055 min
Delta R.T.: 0.022 min
Response: 641791
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



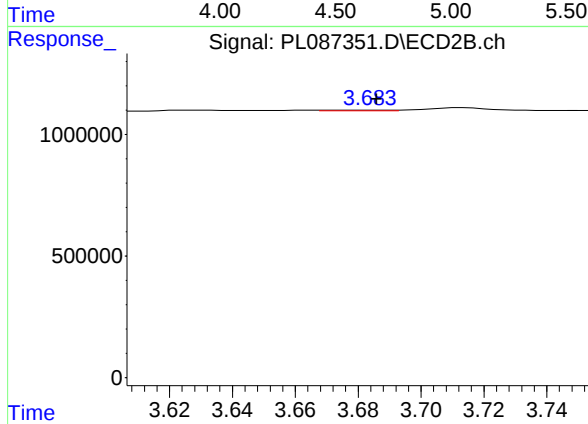
#22 Mirex

R.T.: 6.936 min
Delta R.T.: -0.022 min
Response: 101054
Conc: 0.06 ng/ml



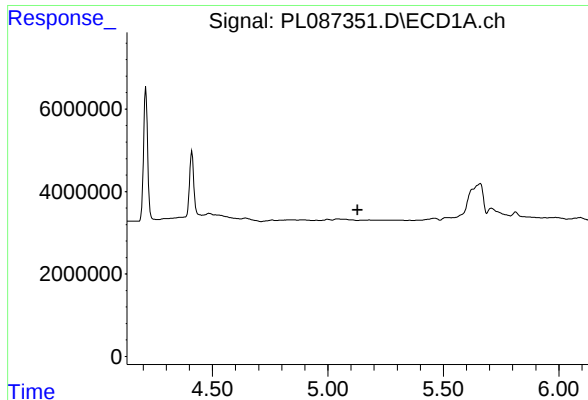
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.594 min
Response: 0
Conc: N.D.



#23 Chlordane-1

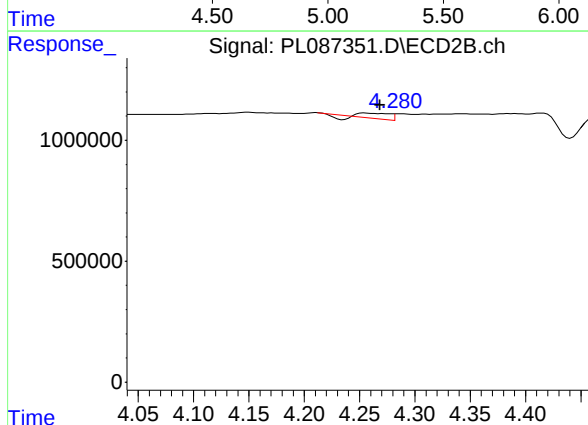
R.T.: 3.684 min
Delta R.T.: -0.002 min
Response: 42122
Conc: 0.68 ng/ml



#24 Chlordane-2

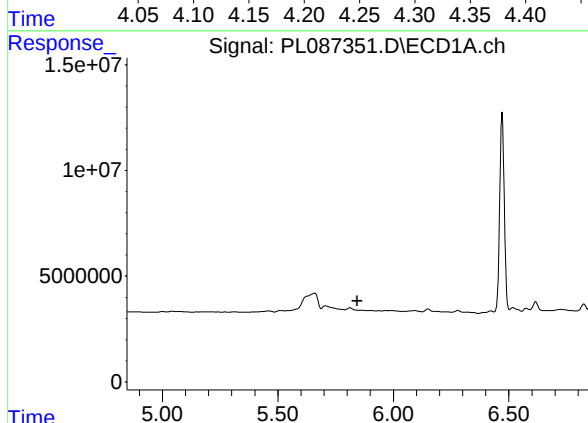
R.T.: 0.000 min
Exp R.T.: 5.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



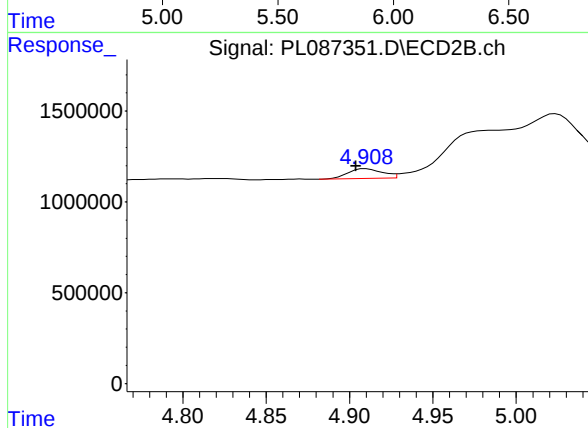
#24 Chlordane-2

R.T.: 4.255 min
Delta R.T.: -0.014 min
Response: 312141
Conc: 4.07 ng/ml



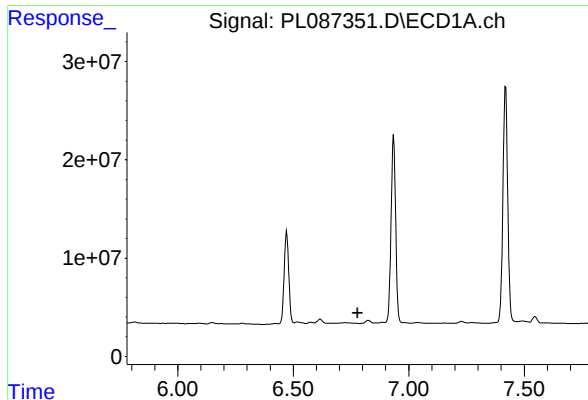
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.843 min
Response: 0
Conc: N.D.



#25 Chlordane-3

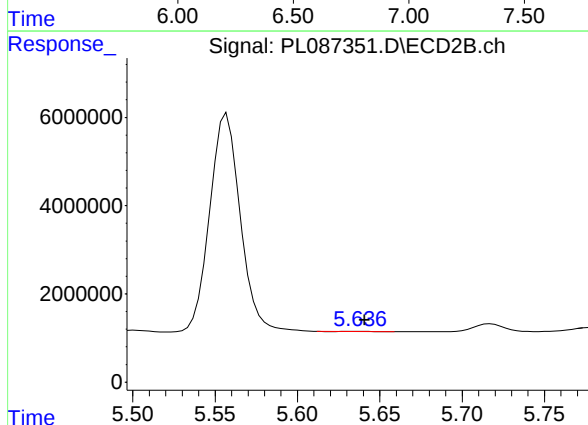
R.T.: 4.910 min
Delta R.T.: 0.006 min
Response: 748430
Conc: 3.39 ng/ml



#27 Chlordane-5

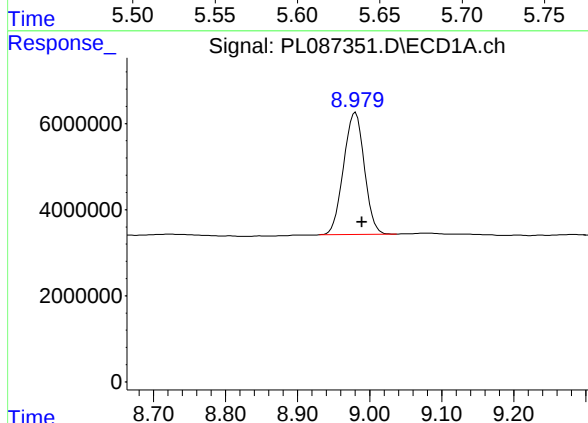
R.T.: 0.000 min
Exp R.T.: 6.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



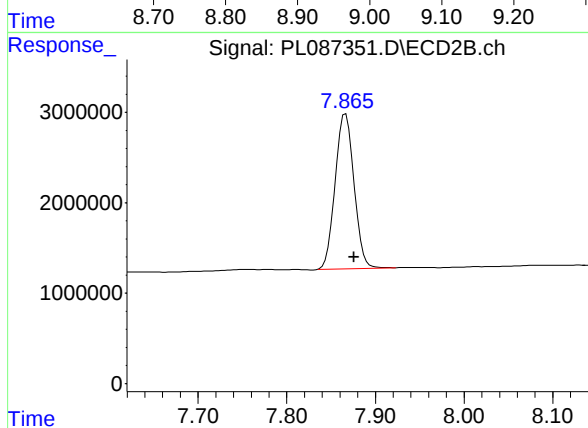
#27 Chlordane-5

R.T.: 5.636 min
Delta R.T.: -0.005 min
Response: 40085
Conc: 0.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 56721036
Conc: 16.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.009 min
Response: 25311363
Conc: 14.99 ng/ml