

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011924\
 Data File : PL087857.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2024 09:18
 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: Jan 19 19:02:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.420	2.674	66538670	27482594	22.226	22.688
28)	SA Decachlor...	8.985	7.863	68616752	31091986	24.093	24.543
Target Compounds							
2)	A alpha-BHC	3.876	3.177	46458694	18471178	10.354	10.022
3)	MA gamma-BHC...	4.210	3.508	45102684	17698132	10.341	9.739
4)	MA Heptachlor	0.000	3.877f	0	16768	N.D.	0.009 #
5)	MB Aldrin	0.000	4.141	0	69574	N.D.	0.039 #
6)	B beta-BHC	4.410	3.810	22600079	9004242	12.147	11.773
7)	B delta-BHC	0.000	4.038	0	37669	N.D.	0.022 #
8)	B Heptachlo...	0.000	4.643	0	29532	N.D.	0.019 #
9)	A Endosulfan I	0.000	5.023	0	56519	N.D.	0.037 #
10)	B gamma-Chl...	5.813f	4.905	637772	411168	0.165	0.255 #
11)	B alpha-Chl...	0.000	4.951	0	28770	N.D.	0.017 #
12)	B 4,4'-DDE	6.097	5.155	747074	291495	0.234	0.217
13)	MA Dieldrin	0.000	5.270	0	21077	N.D.	0.013 #
14)	MA Endrin	6.472	5.552	147.4E6	71299819	46.917	50.282
15)	B Endosulfa...	0.000	5.881f	0	689955	N.D.	0.504 #
16)	A 4,4'-DDD	6.618	5.712	5784139	2945743	2.243	2.612
17)	MA 4,4'-DDT	6.935	5.966	316.4E6	146.5E6	110.660	117.710
18)	B Endrin al...	6.826	6.033	6518810	3909988	2.592	3.364 #
19)	B Endosulfa...	0.000	6.257	0	100694	N.D.	0.077 #
20)	A Methoxychlor	7.423	6.552	406.0E6	184.4E6	250.066	250.508
21)	B Endrin ke...	7.549	6.763	13799898	6770427	4.243	4.416
22)	Mirex	0.000	6.935	0	136109	N.D.	0.101 #
25)	Chlordane-3	5.813f	4.905	637772	411168	1.147	2.598 #
26)	Chlordane-4	0.000	4.951	0	28770	N.D.	0.168 #
27)	Chlordane-5	0.000	5.631	0	139836	N.D.	2.971 #

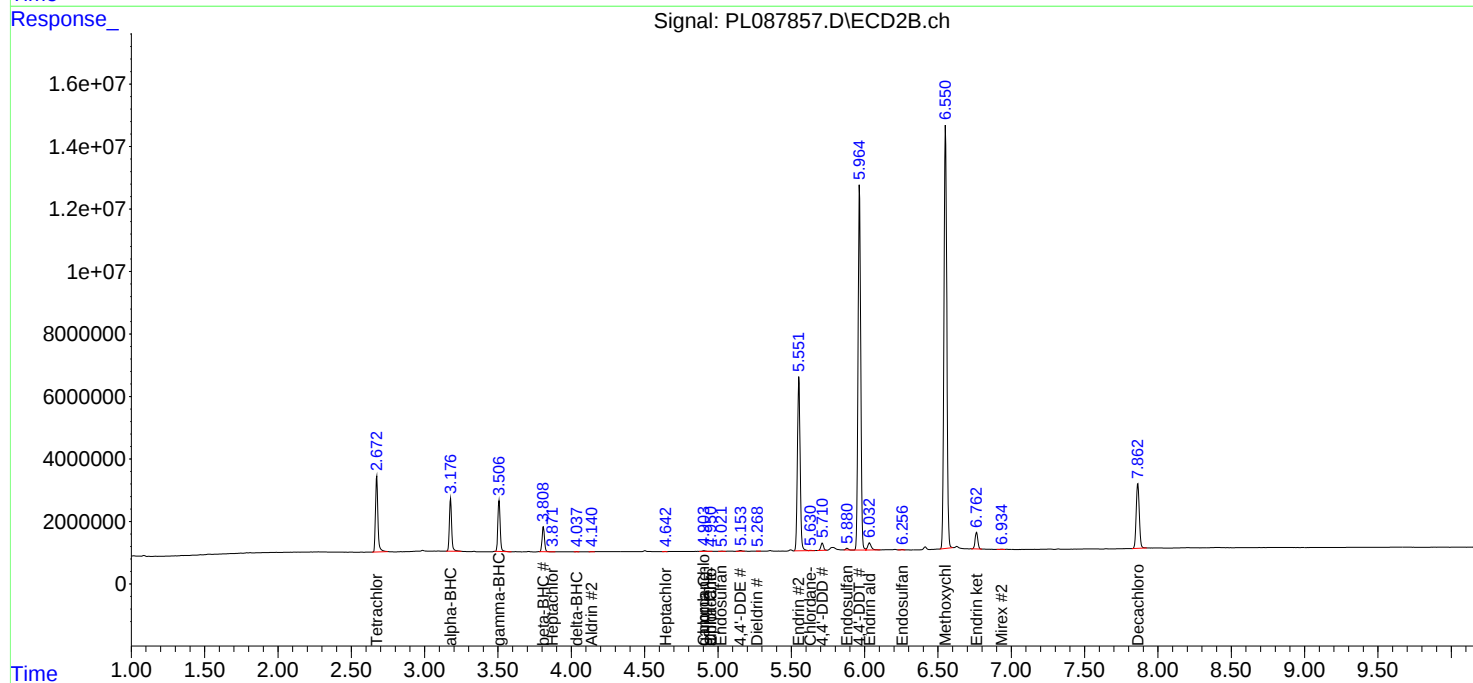
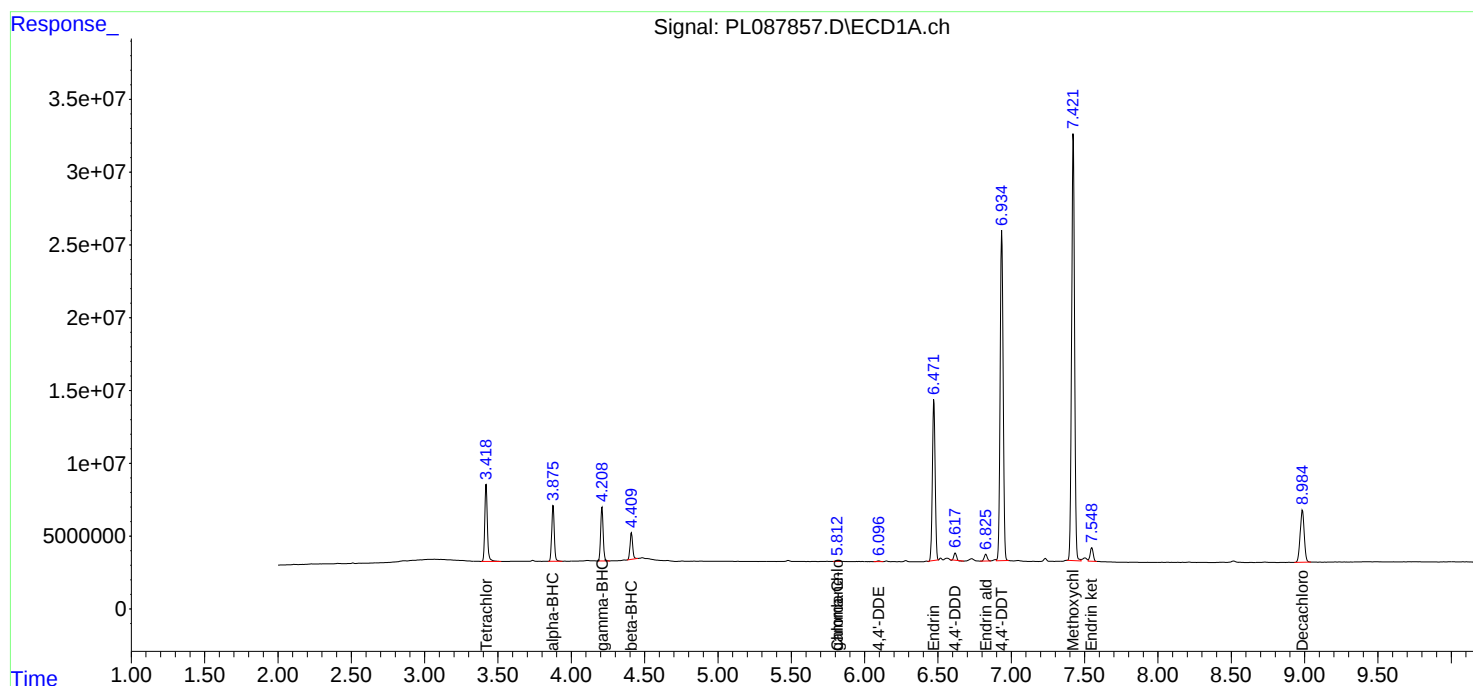
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

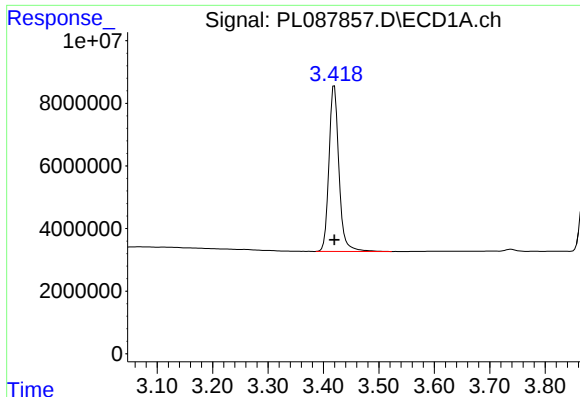
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011924\
Data File : PL087857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jan 2024 09:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 19 19:02:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
Quant Title : GC Extractables
QLast Update : Fri Dec 29 03:17:47 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

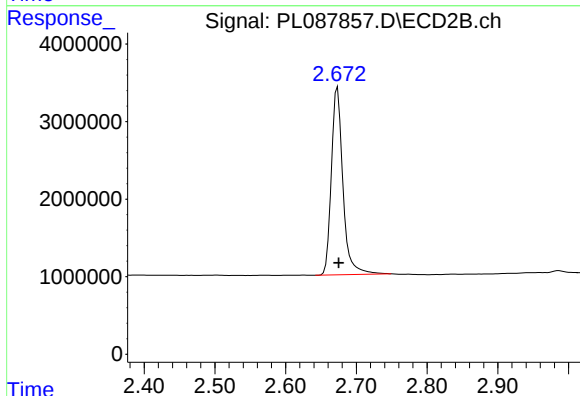




#1 Tetrachloro-m-xylene

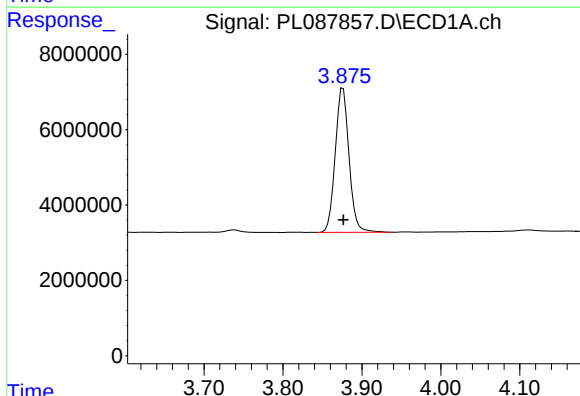
R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 66538670
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



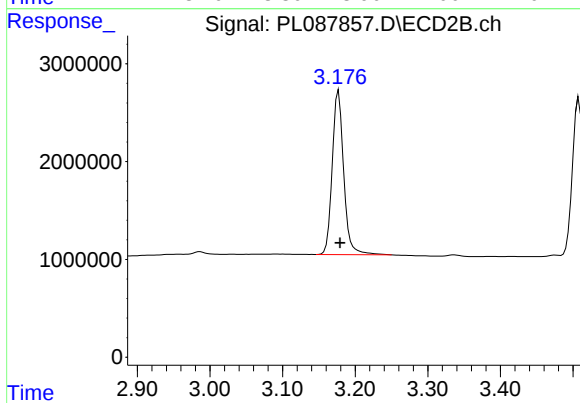
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: -0.001 min
Response: 27482594
Conc: 22.69 ng/ml



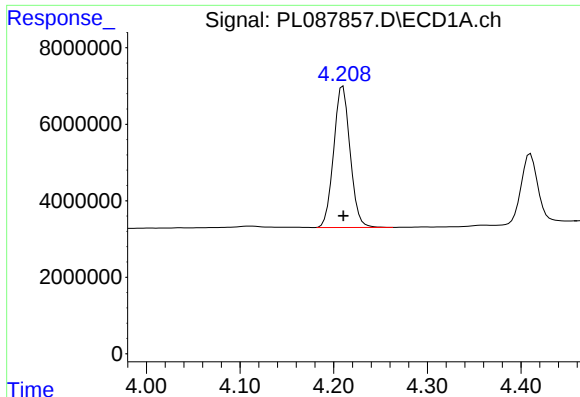
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 46458694
Conc: 10.35 ng/ml



#2 alpha-BHC

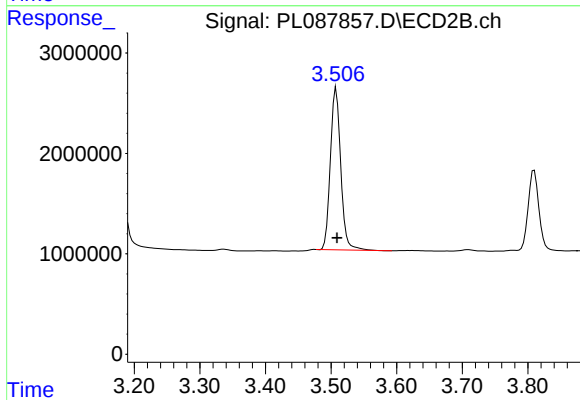
R.T.: 3.177 min
Delta R.T.: -0.002 min
Response: 18471178
Conc: 10.02 ng/ml



#3 gamma-BHC (Lindane)

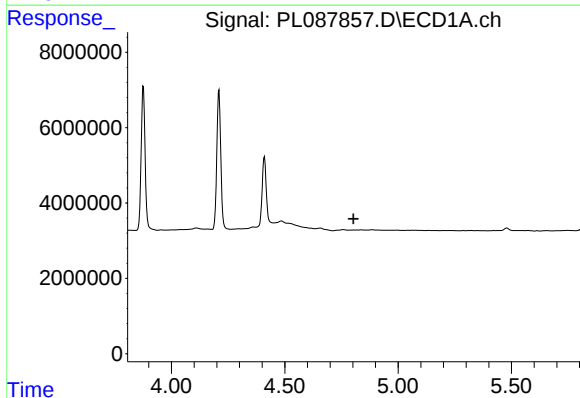
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 45102684
Conc: 10.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



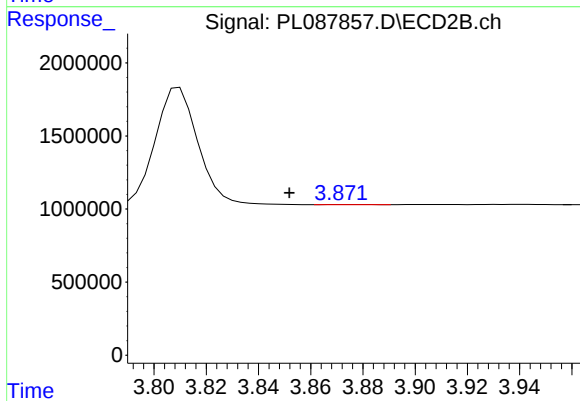
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 17698132
Conc: 9.74 ng/ml



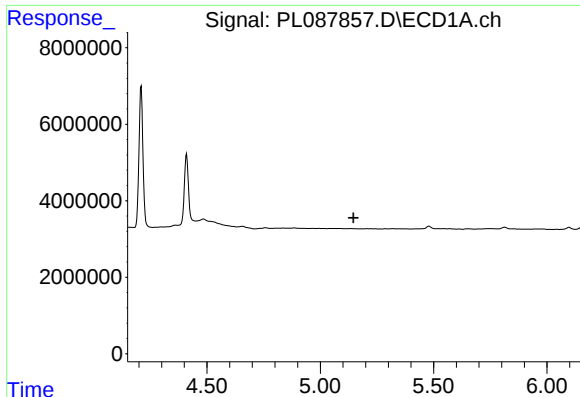
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.804 min
Response: 0
Conc: N.D.



#4 Heptachlor

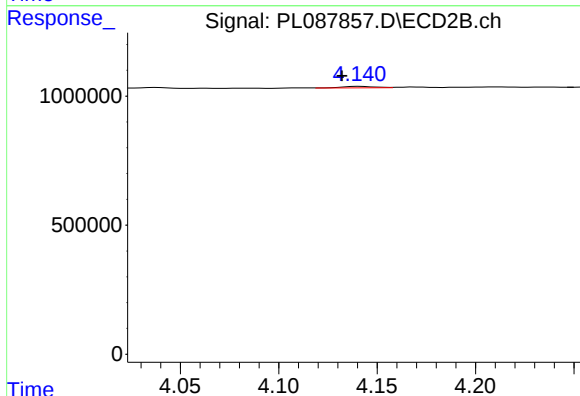
R.T.: 3.877 min
Delta R.T.: 0.026 min
Response: 16768
Conc: 0.01 ng/ml



#5 Aldrin

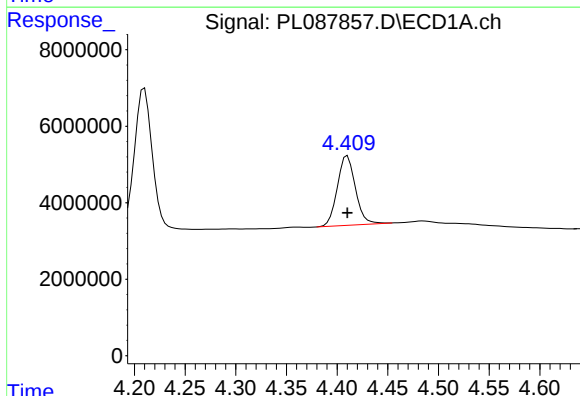
R.T.: 0.000 min
Exp R.T.: 5.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



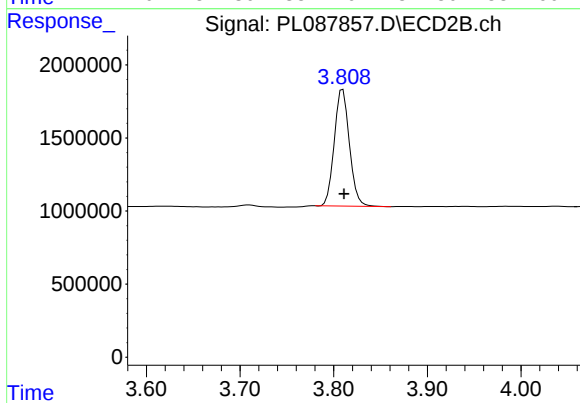
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: 0.009 min
Response: 69574
Conc: 0.04 ng/ml



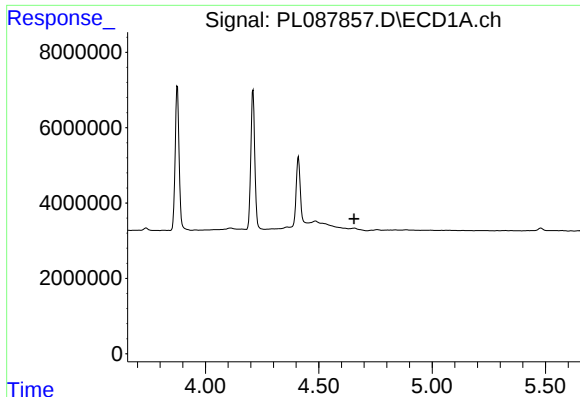
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 22600079
Conc: 12.15 ng/ml



#6 beta-BHC

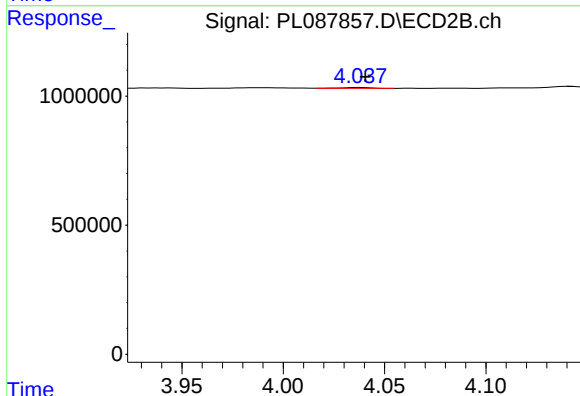
R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 9004242
Conc: 11.77 ng/ml



#7 delta-BHC

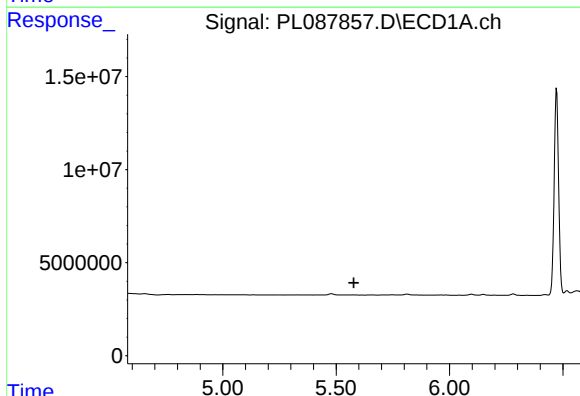
R.T.: 0.000 min
Exp R.T. : 4.656 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



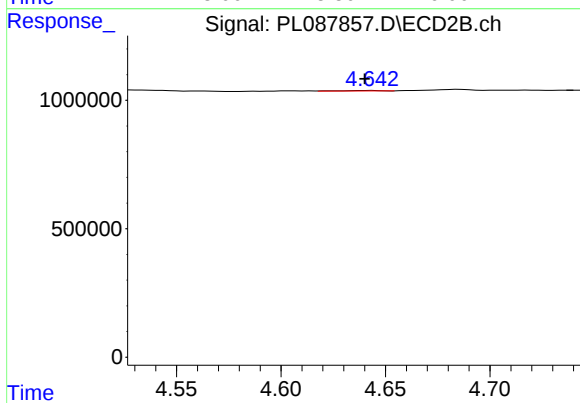
#7 delta-BHC

R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 37669
Conc: 0.02 ng/ml



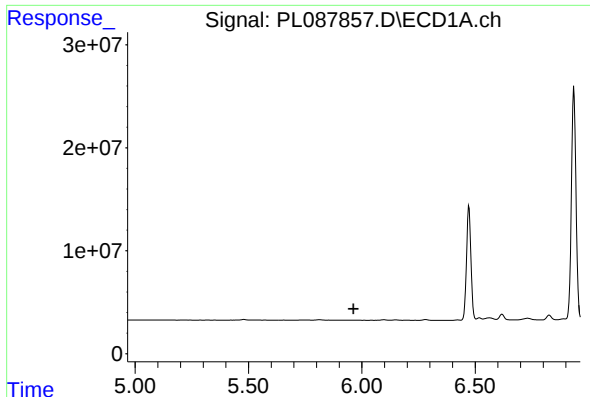
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.577 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

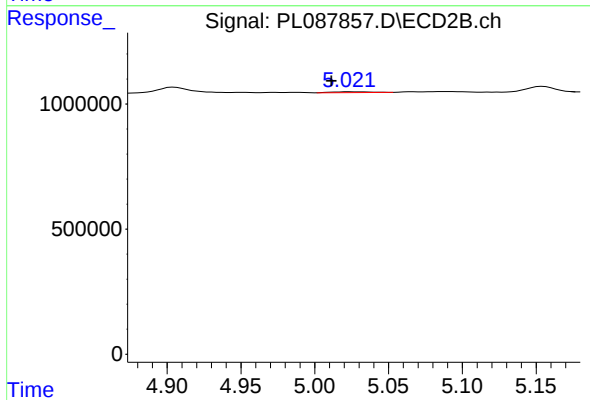
R.T.: 4.643 min
Delta R.T.: 0.003 min
Response: 29532
Conc: 0.02 ng/ml



#9 Endosulfan I

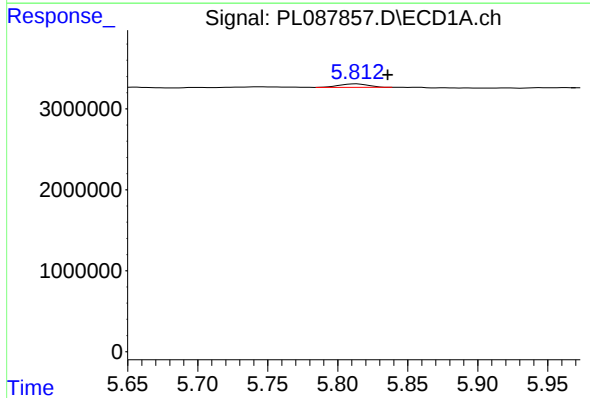
R.T.: 0.000 min
Exp R.T.: 5.964 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



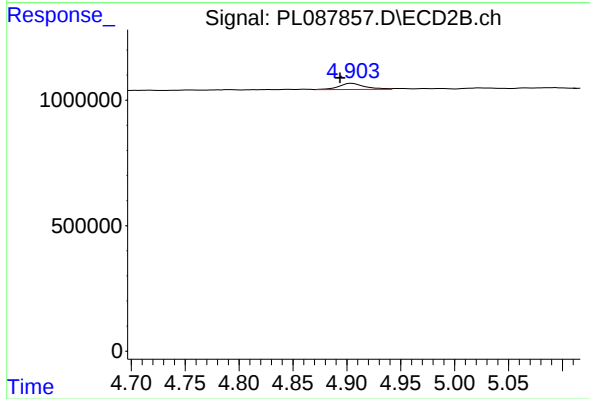
#9 Endosulfan I

R.T.: 5.023 min
Delta R.T.: 0.012 min
Response: 56519
Conc: 0.04 ng/ml



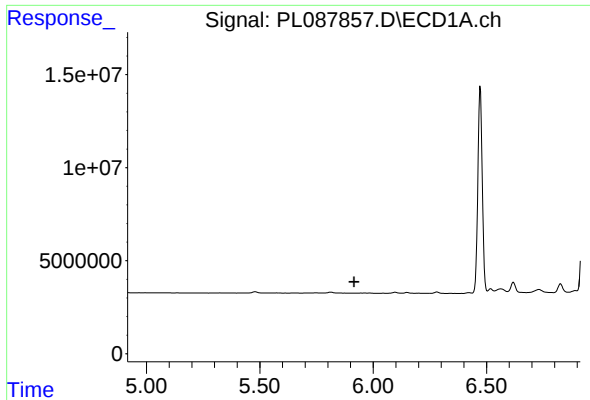
#10 gamma-Chlordane

R.T.: 5.813 min
Delta R.T.: -0.023 min
Response: 637772
Conc: 0.16 ng/ml



#10 gamma-Chlordane

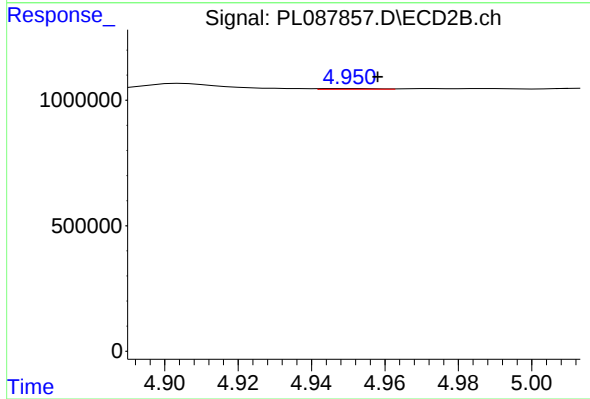
R.T.: 4.905 min
Delta R.T.: 0.011 min
Response: 411168
Conc: 0.25 ng/ml



#11 alpha-Chlordane

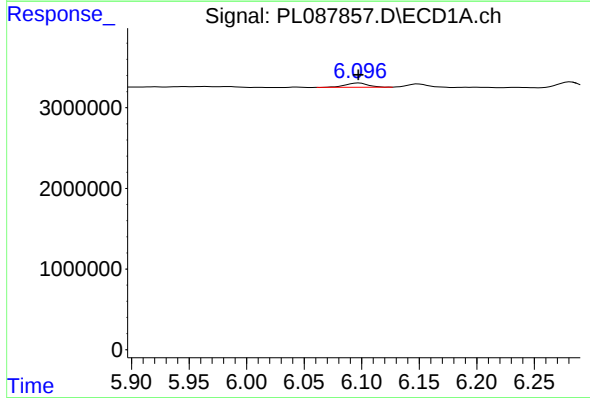
R.T.: 0.000 min
Exp R.T.: 5.916 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



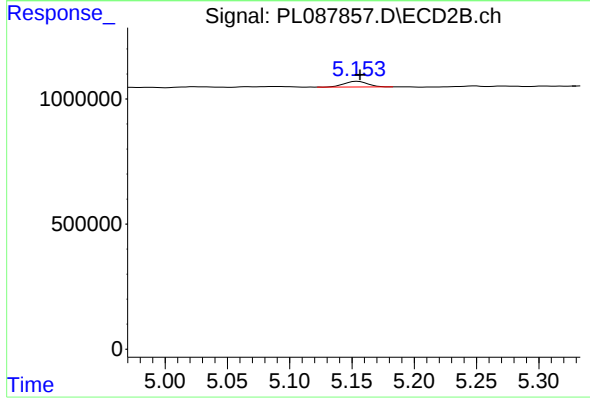
#11 alpha-Chlordane

R.T.: 4.951 min
Delta R.T.: -0.007 min
Response: 28770
Conc: 0.02 ng/ml



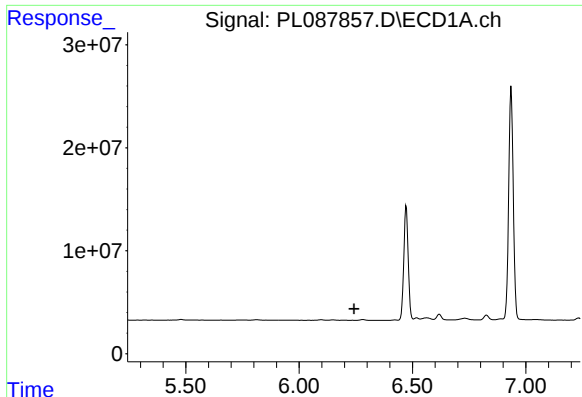
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 747074
Conc: 0.23 ng/ml



#12 4,4'-DDE

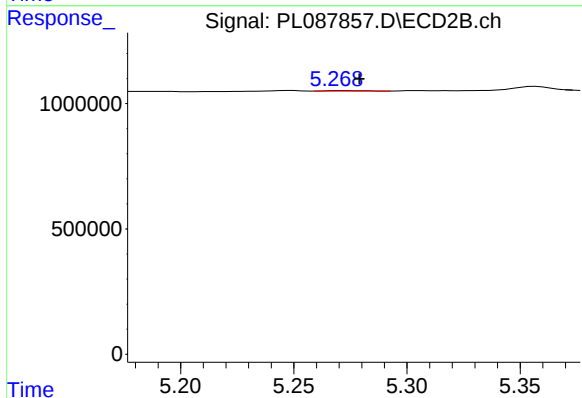
R.T.: 5.155 min
Delta R.T.: -0.002 min
Response: 291495
Conc: 0.22 ng/ml



#13 Dieldrin

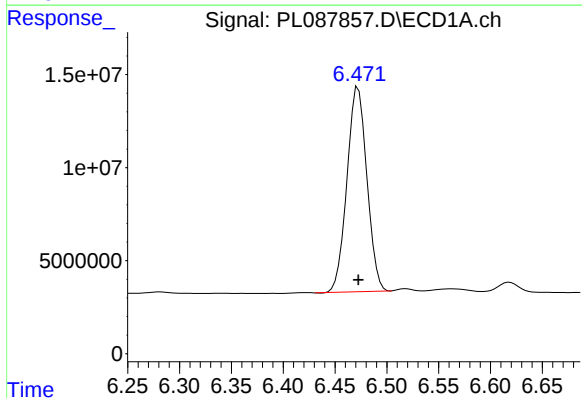
R.T.: 0.000 min
Exp R.T.: 6.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



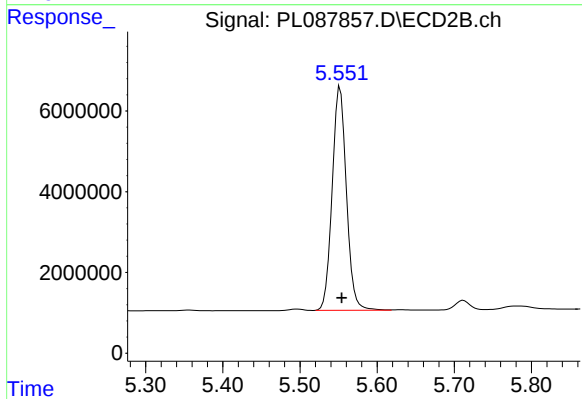
#13 Dieldrin

R.T.: 5.270 min
Delta R.T.: -0.009 min
Response: 21077
Conc: 0.01 ng/ml



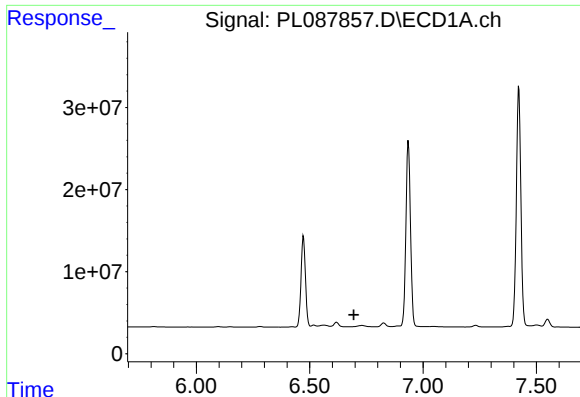
#14 Endrin

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 147362469
Conc: 46.92 ng/ml



#14 Endrin

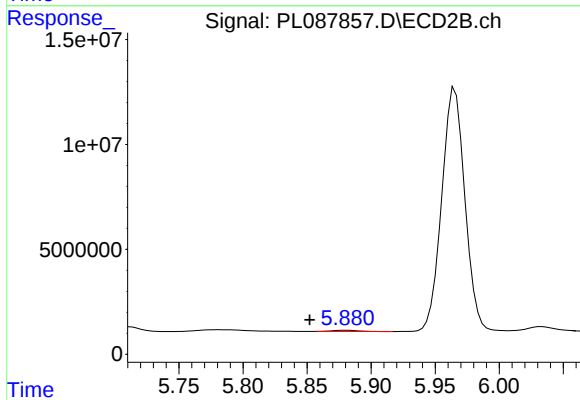
R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 71299819
Conc: 50.28 ng/ml



#15 Endosulfan II

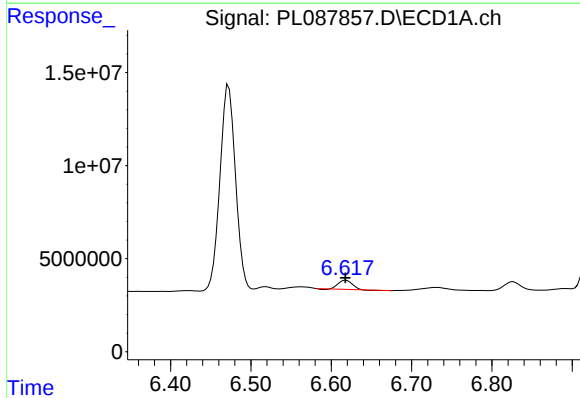
R.T.: 0.000 min
Exp R.T.: 6.695 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



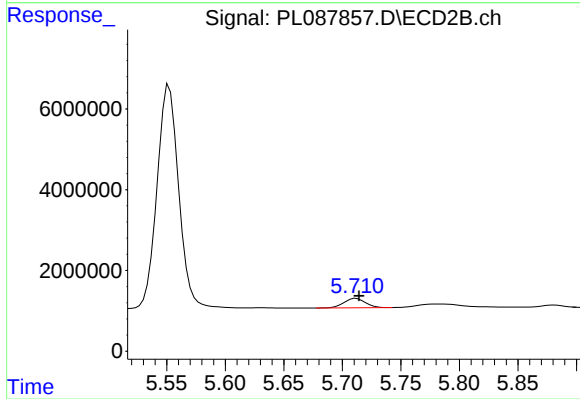
#15 Endosulfan II

R.T.: 5.881 min
Delta R.T.: 0.029 min
Response: 689955
Conc: 0.50 ng/ml



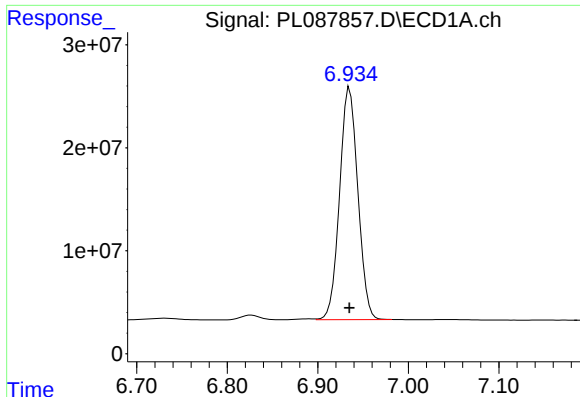
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 5784139
Conc: 2.24 ng/ml



#16 4,4'-DDD

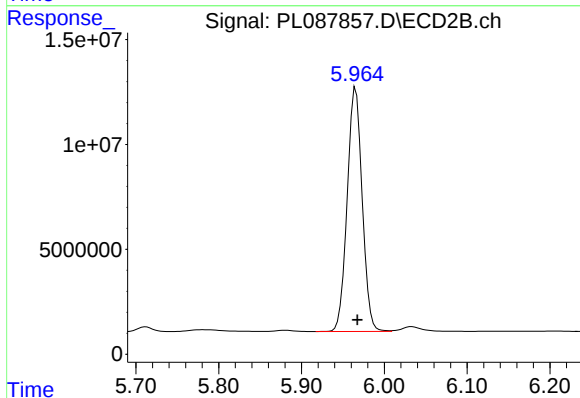
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 2945743
Conc: 2.61 ng/ml



#17 4,4'-DDT

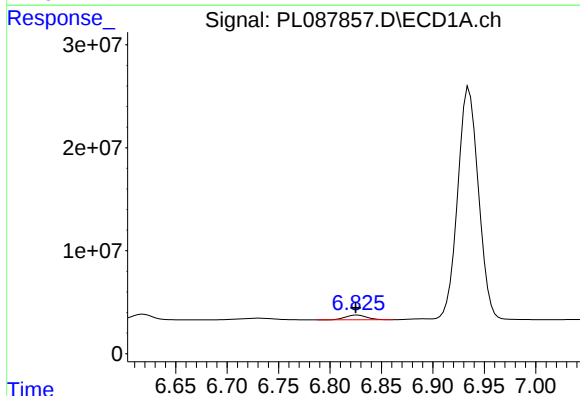
R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 316437801
Conc: 110.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



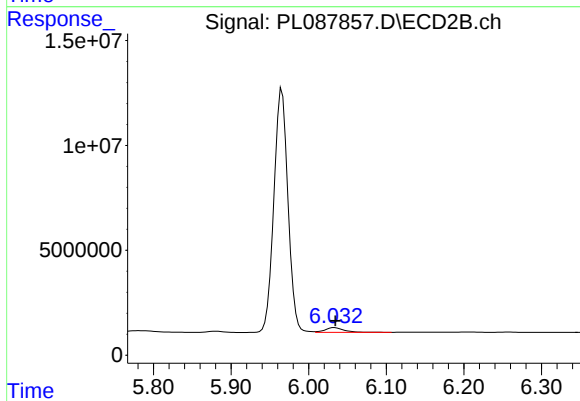
#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 146499897
Conc: 117.71 ng/ml



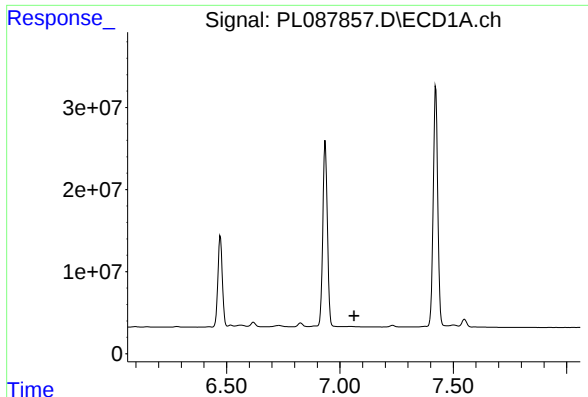
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.001 min
Response: 6518810
Conc: 2.59 ng/ml



#18 Endrin aldehyde

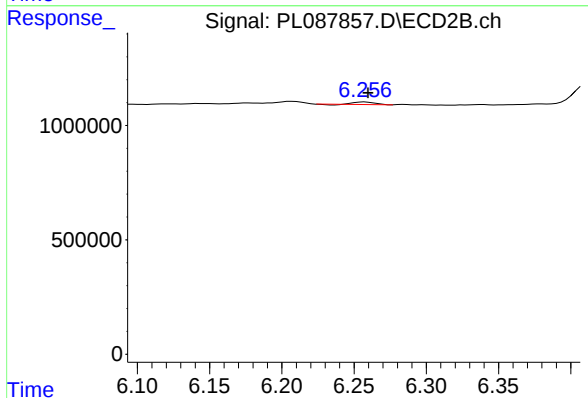
R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 3909988
Conc: 3.36 ng/ml



#19 Endosulfan Sulfate

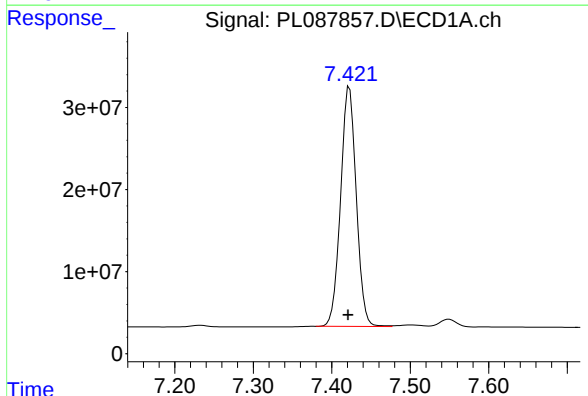
R.T.: 0.000 min
Exp R.T.: 7.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



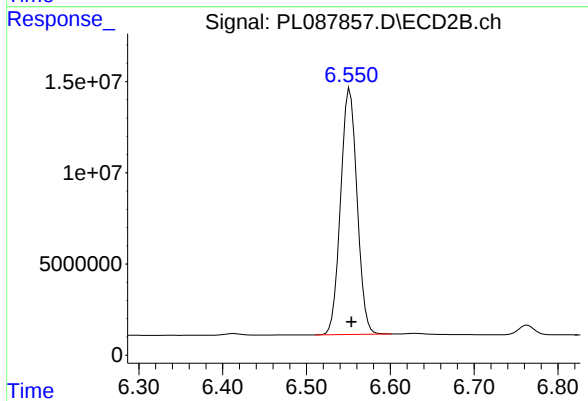
#19 Endosulfan Sulfate

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 100694
Conc: 0.08 ng/ml



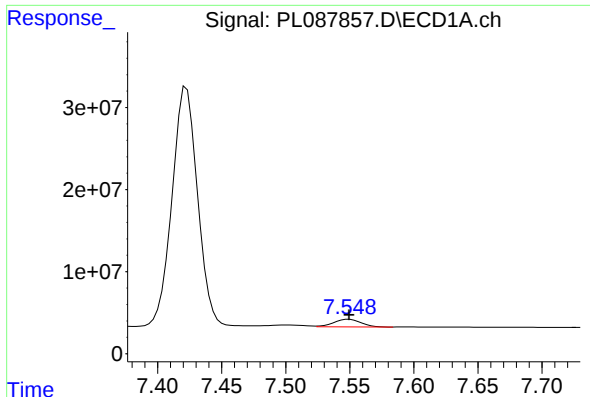
#20 Methoxychlor

R.T.: 7.423 min
Delta R.T.: 0.002 min
Response: 406003183
Conc: 250.07 ng/ml



#20 Methoxychlor

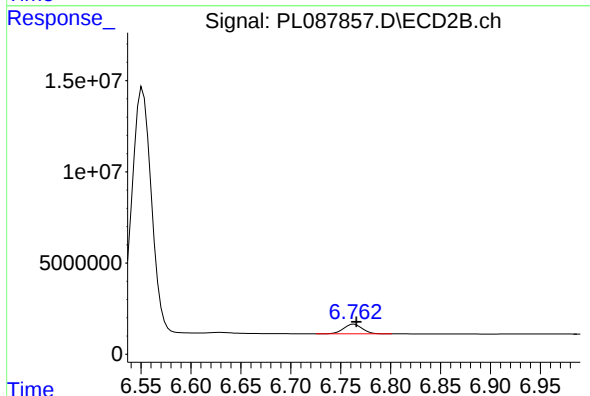
R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 184393753
Conc: 250.51 ng/ml



#21 Endrin ketone

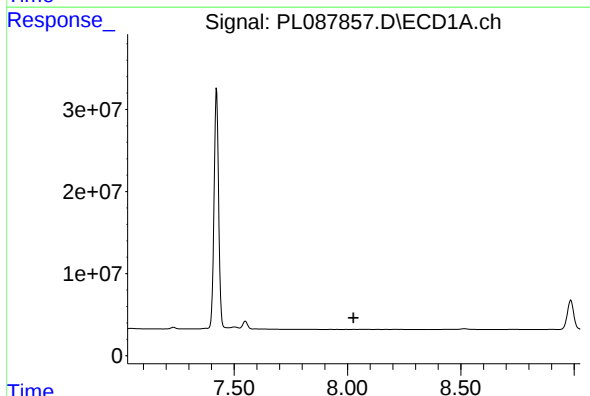
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 13799898
Conc: 4.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



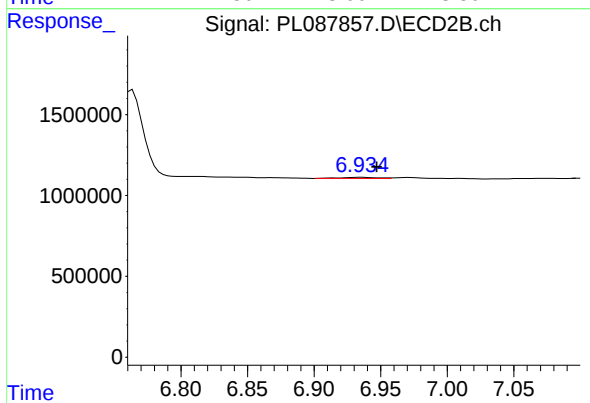
#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 6770427
Conc: 4.42 ng/ml



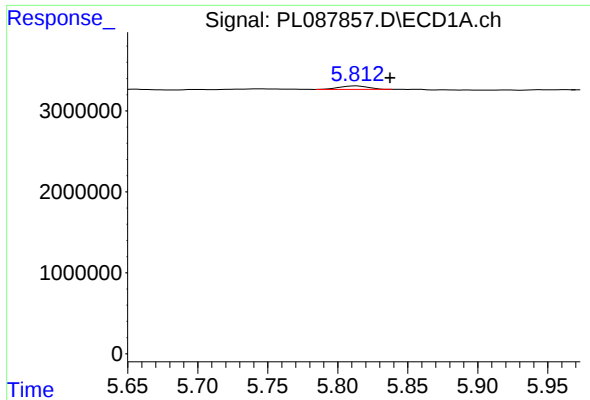
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.027 min
Response: 0
Conc: N.D.



#22 Mirex

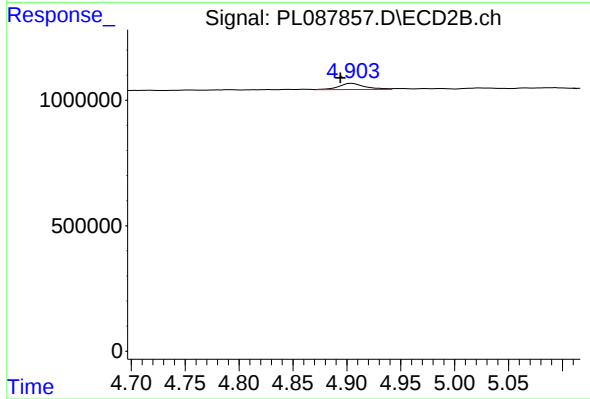
R.T.: 6.935 min
Delta R.T.: -0.012 min
Response: 136109
Conc: 0.10 ng/ml



#25 Chlordane-3

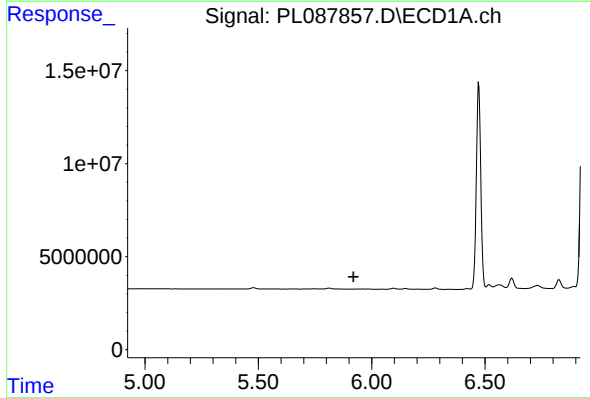
R.T.: 5.813 min
Delta R.T.: -0.024 min
Response: 637772
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



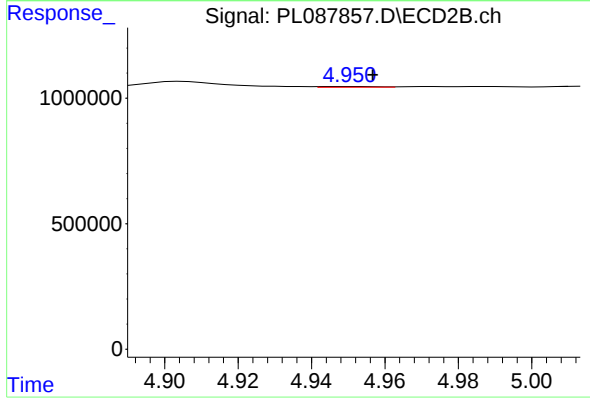
#25 Chlordane-3

R.T.: 4.905 min
Delta R.T.: 0.011 min
Response: 411168
Conc: 2.60 ng/ml



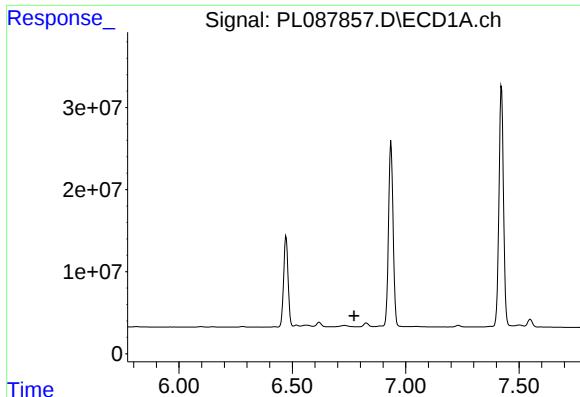
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.920 min
Response: 0
Conc: N.D.



#26 Chlordane-4

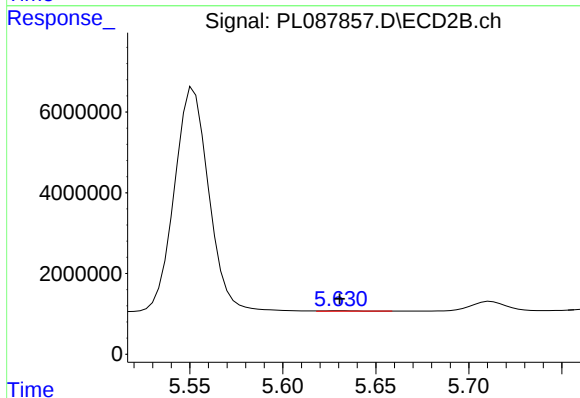
R.T.: 4.951 min
Delta R.T.: -0.006 min
Response: 28770
Conc: 0.17 ng/ml



#27 Chlordane-5

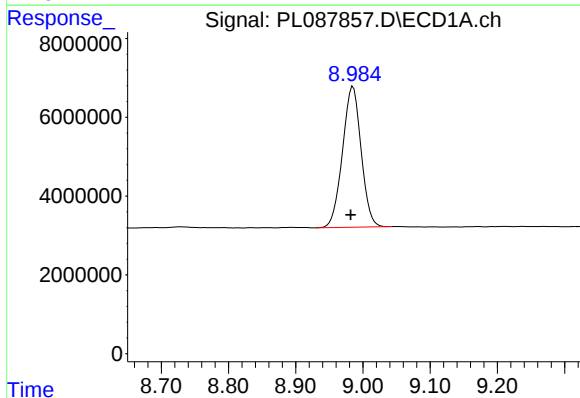
R.T.: 0.000 min
Exp R.T.: 6.773 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



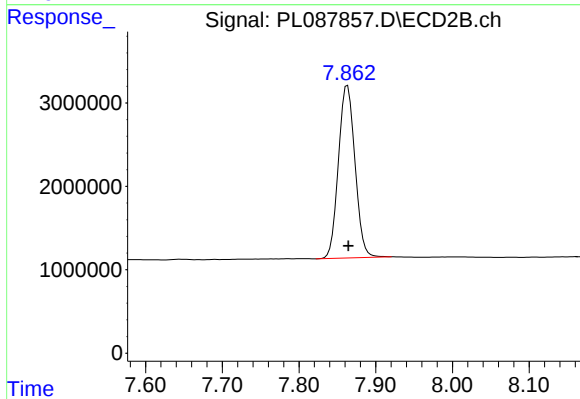
#27 Chlordane-5

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 139836
Conc: 2.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.003 min
Response: 68616752
Conc: 24.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: -0.001 min
Response: 31091986
Conc: 24.54 ng/ml