

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 09:05
 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 19:59:27 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...	3.424	2.679	63829554	26545461	16.960	15.770
28)	SA Decachlor...	8.980	7.868	60792207	26772639	17.828	15.852
Target Compounds							
2)	A alpha-BHC	3.879	3.183	43251585	17331775	7.989	7.052
3)	MA gamma-BHC...	4.213	3.514	42310633	17263072	8.050	7.126
5)	MB Aldrin	0.000	4.150	0	132612	N.D.	0.055 #
6)	B beta-BHC	4.413	3.815	21376752	8888031	9.307	8.538
7)	B delta-BHC	0.000	4.043	0	45031	N.D.	0.018 #
8)	B Heptachlo...	5.579	0.000	876102	0	0.186	N.D. #
9)	A Endosulfan I	0.000	5.027	0	4335685	N.D.	2.006 #
10)	B gamma-Chl...	0.000	4.913	0	96570	N.D.	0.042 #
11)	B alpha-Chl...	0.000	4.986f	0	2421134	N.D.	1.049 #
12)	B 4,4'-DDE	0.000	5.161	0	122347	N.D.	0.062 #
13)	MA Dieldrin	6.279f	5.288	483362	899447	0.104	0.404 #
14)	MA Endrin	6.473	5.558	123.8E6	68629801	32.170	34.390
15)	B Endosulfa...	6.730f	5.886f	309799	429943	0.077	0.221 #
16)	A 4,4'-DDD	6.618	5.718	7439971	3479553	2.251	2.102
17)	MA 4,4'-DDT	6.936	5.971	294.2E6	142.5E6	78.244	77.259
18)	B Endrin al...	6.826	6.038	5046830	3507250	1.741	2.390 #
19)	B Endosulfa...	7.041f	6.263	919883	69480	0.234	0.037 #
20)	A Methoxychlor	7.422	6.558	389.0E6	184.2E6	199.489	180.364
21)	B Endrin ke...	7.549	6.767	10934318	5765015	2.688	2.708
22)	Mirex	0.000	6.979f	0	31629	N.D.	0.018 #
23)	Chlordane-1	0.000	3.716f	0	170723	N.D.	2.752 #
24)	Chlordane-2	0.000	4.257	0	488841	N.D.	6.367 #
25)	Chlordane-3	5.813f	4.913	11810	96570	0.017	0.437 #
26)	Chlordane-4	0.000	4.986f	0	2421134	N.D.	10.399 #
27)	Chlordane-5	0.000	5.637	0	199892	N.D.	3.090 #

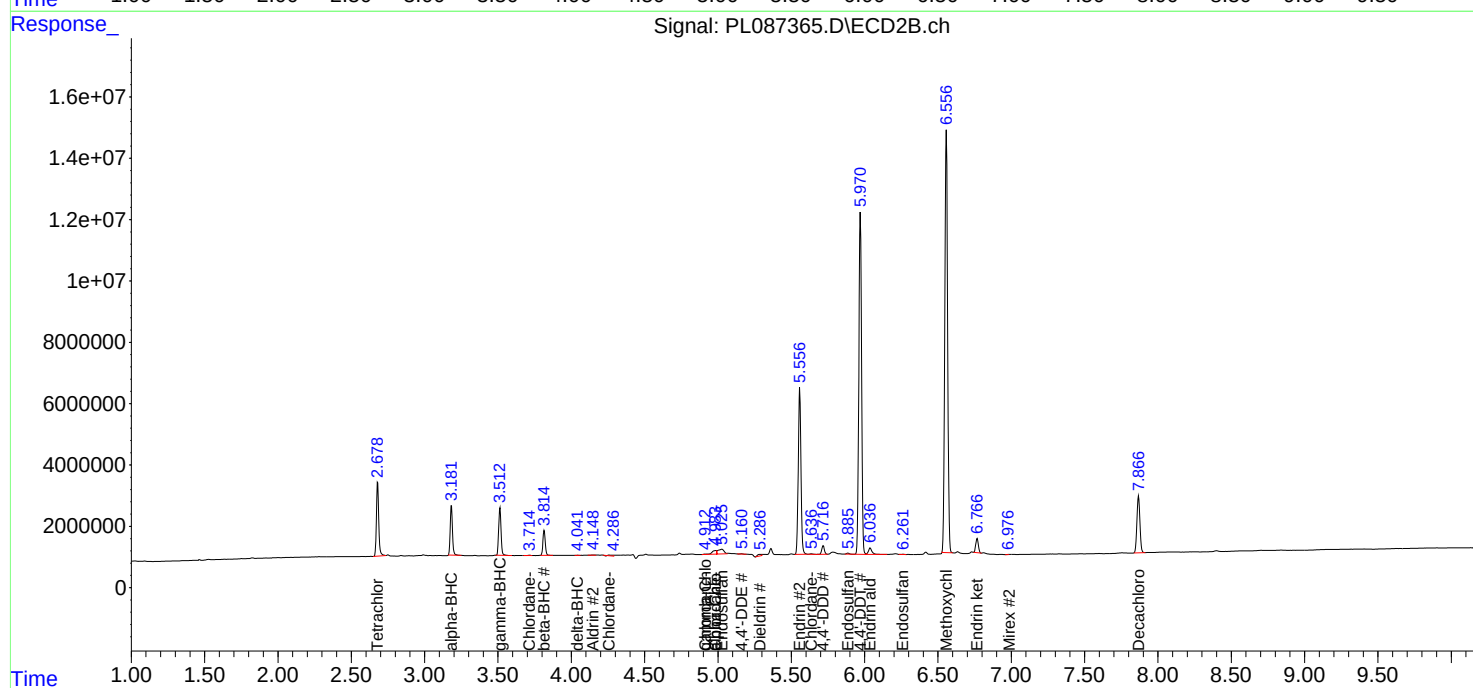
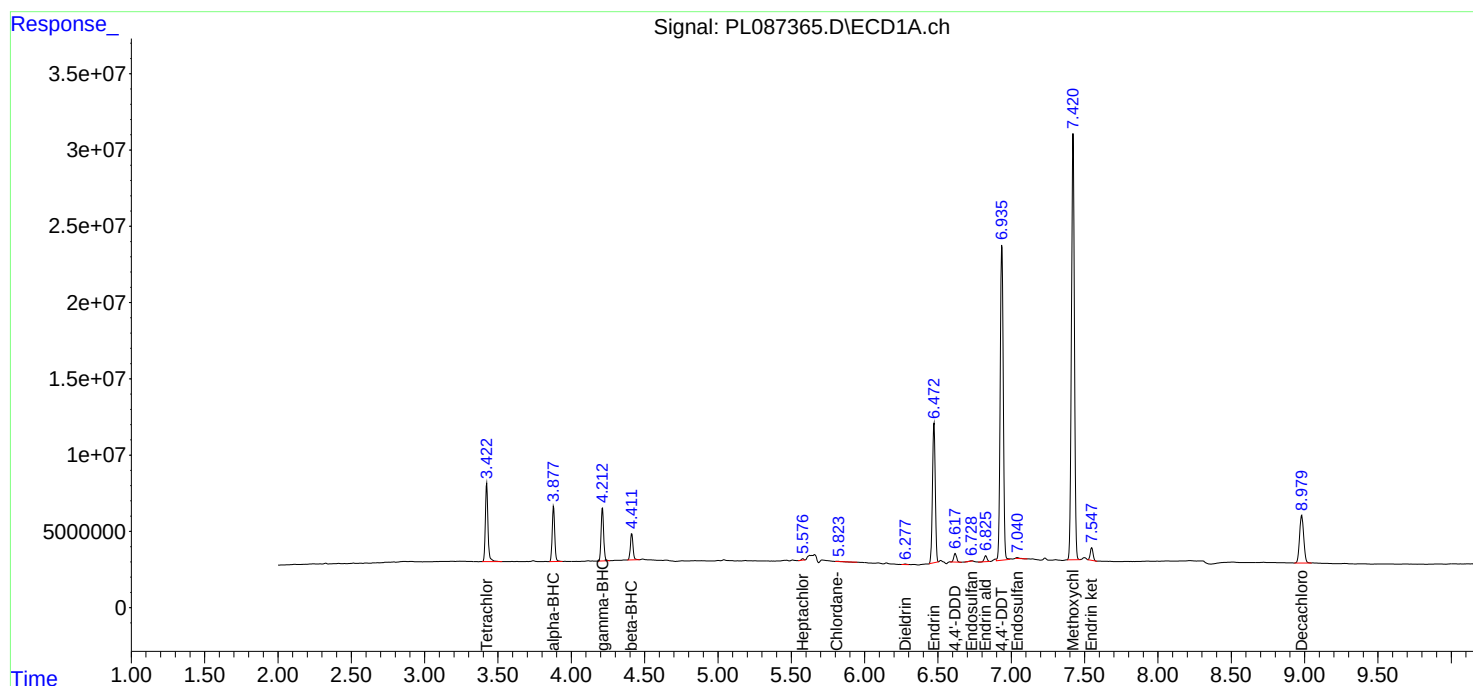
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

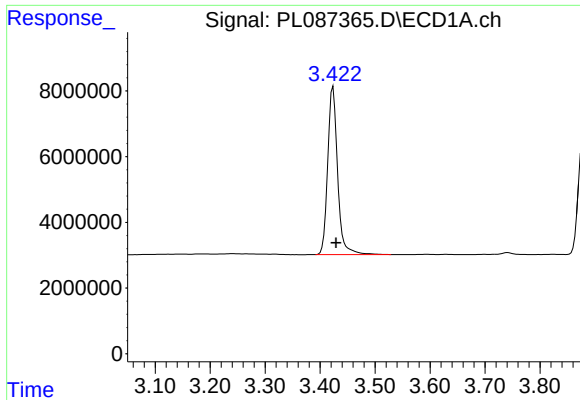
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
Data File : PL087365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Dec 2023 09:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 19:59:27 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

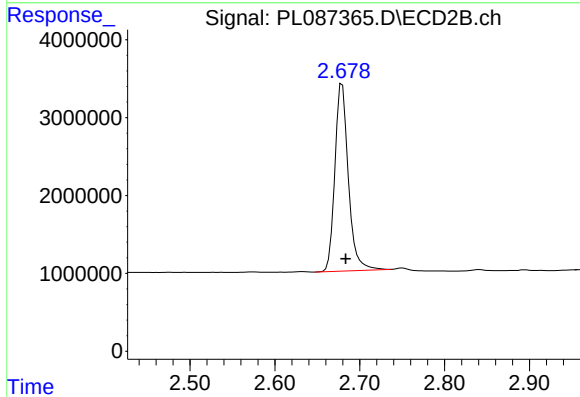




#1 Tetrachloro-m-xylene

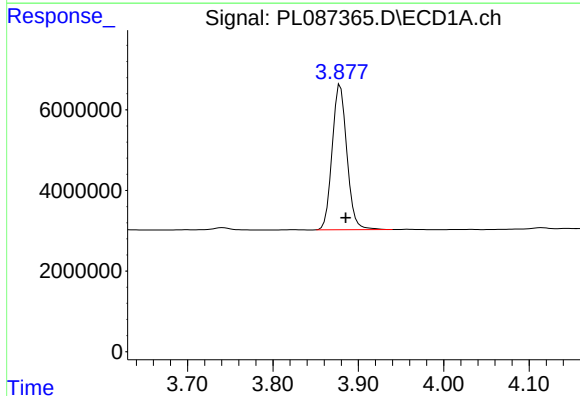
R.T.: 3.424 min
Delta R.T.: -0.005 min
Response: 63829554
Conc: 16.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



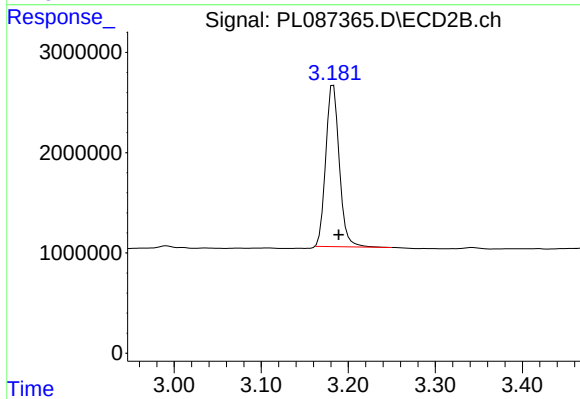
#1 Tetrachloro-m-xylene

R.T.: 2.679 min
Delta R.T.: -0.004 min
Response: 26545461
Conc: 15.77 ng/ml



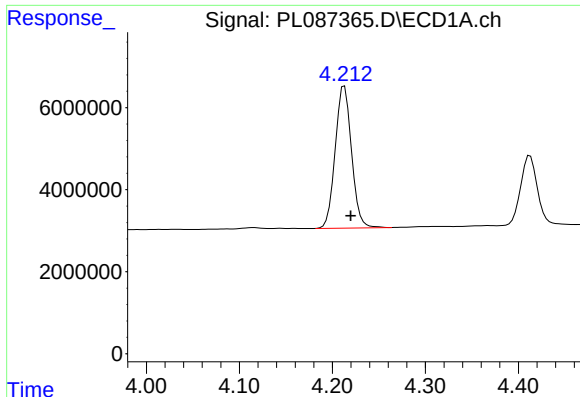
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 43251585
Conc: 7.99 ng/ml



#2 alpha-BHC

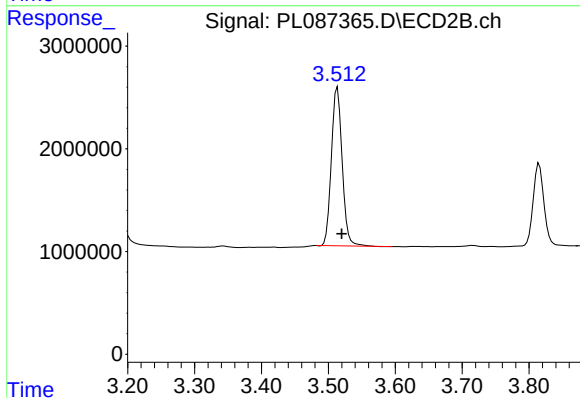
R.T.: 3.183 min
Delta R.T.: -0.006 min
Response: 17331775
Conc: 7.05 ng/ml



#3 gamma-BHC (Lindane)

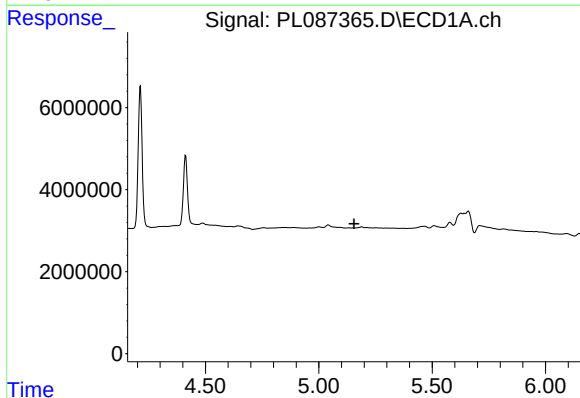
R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 42310633
Conc: 8.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



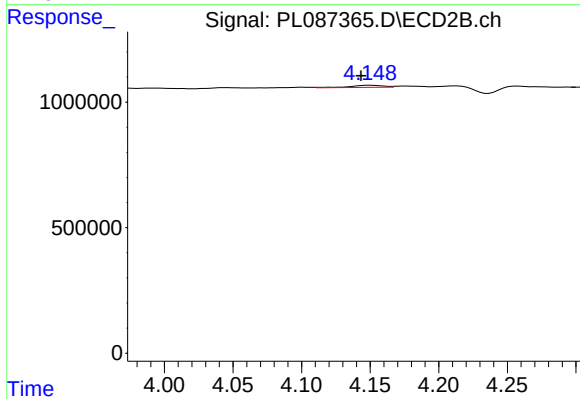
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 17263072
Conc: 7.13 ng/ml



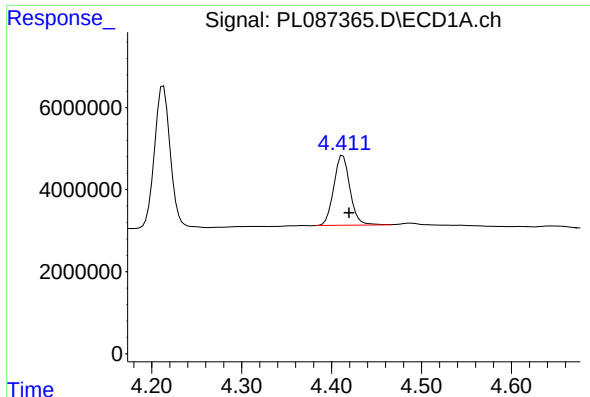
#5 Aldrin

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



#5 Aldrin

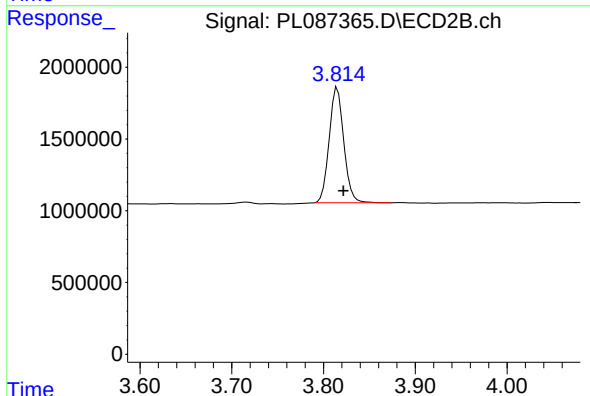
R.T.: 4.150 min
Delta R.T.: 0.007 min
Response: 132612
Conc: 0.06 ng/ml



#6 beta-BHC

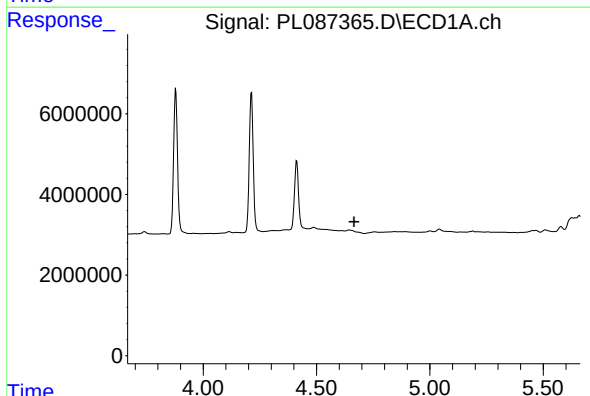
R.T.: 4.413 min
Delta R.T.: -0.007 min
Response: 21376752
Conc: 9.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



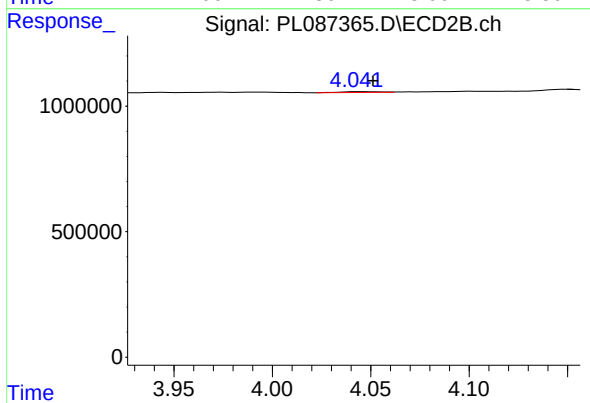
#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 8888031
Conc: 8.54 ng/ml



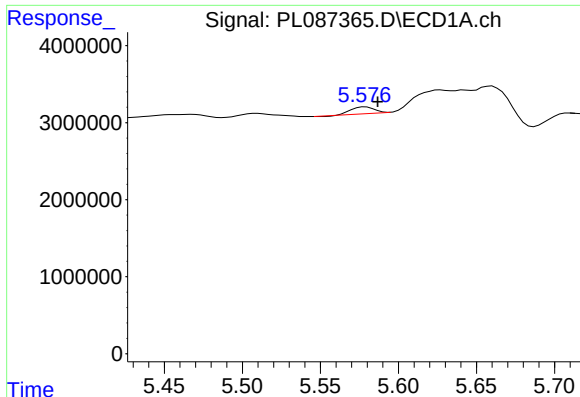
#7 delta-BHC

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



#7 delta-BHC

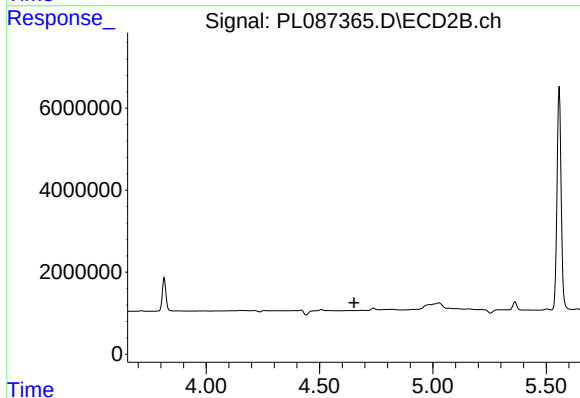
R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 45031
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

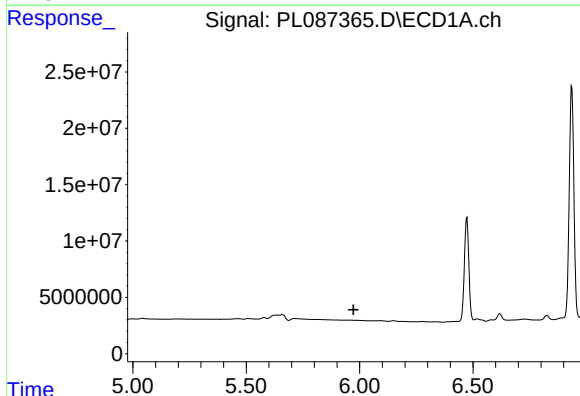
R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 876102
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



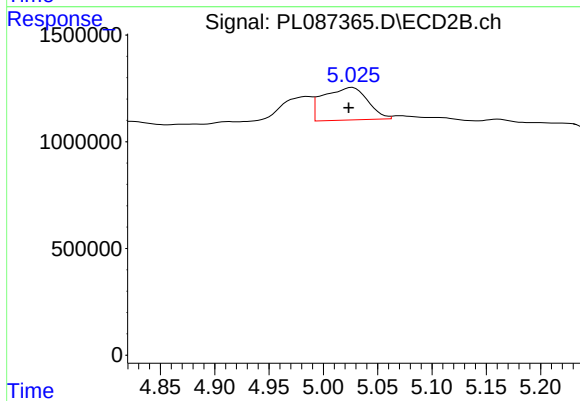
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.652 min
Response: 0
Conc: N.D.



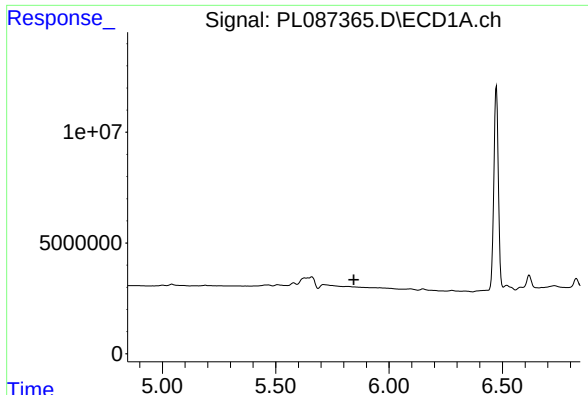
#9 Endosulfan I

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



#9 Endosulfan I

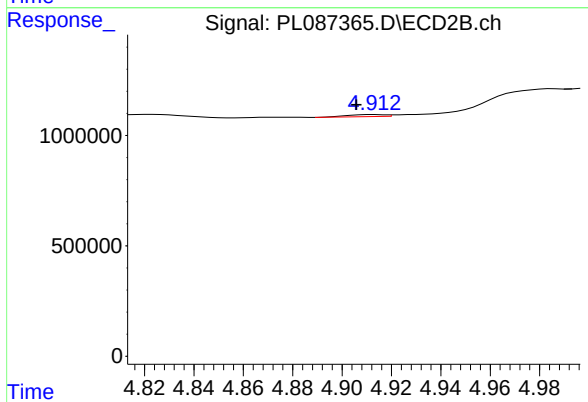
R.T.: 5.027 min
Delta R.T.: 0.003 min
Response: 4335685
Conc: 2.01 ng/ml



#10 gamma-Chlordane

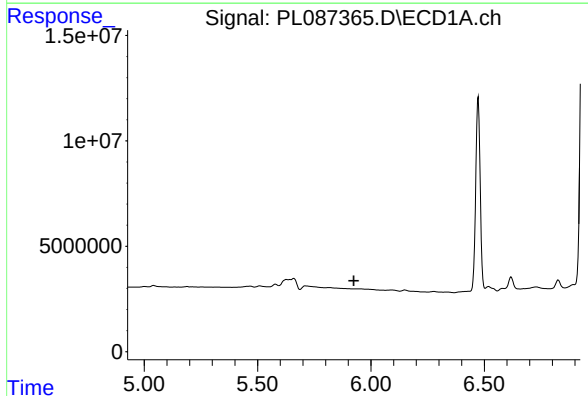
R.T.: 0.000 min
Exp R.T.: 5.844 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



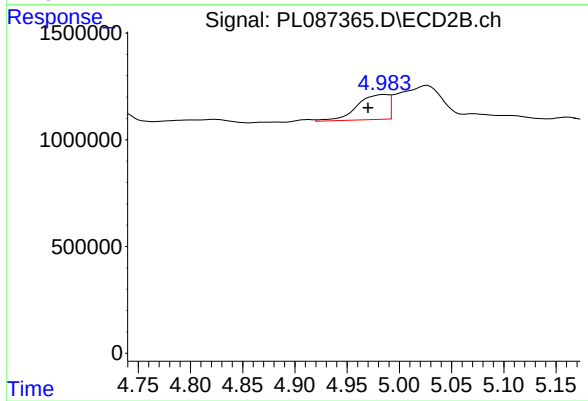
#10 gamma-Chlordane

R.T.: 4.913 min
Delta R.T.: 0.007 min
Response: 96570
Conc: 0.04 ng/ml



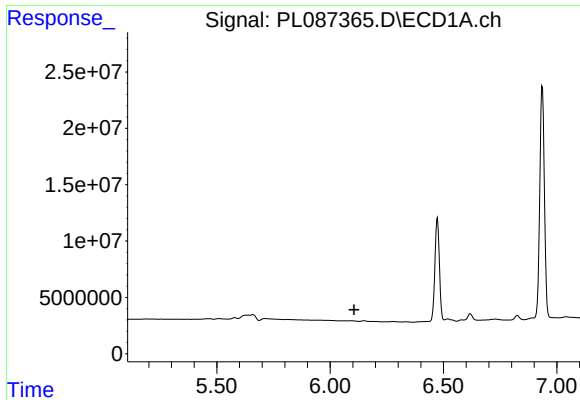
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.924 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

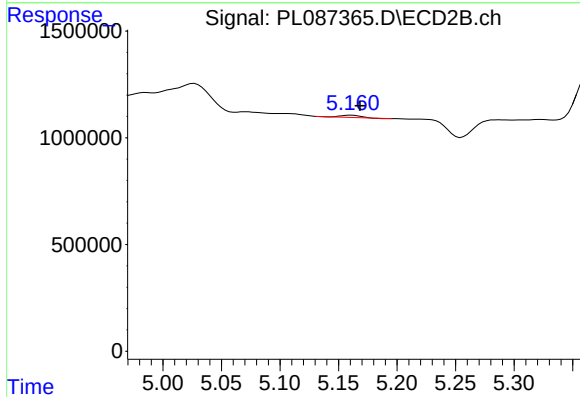
R.T.: 4.986 min
Delta R.T.: 0.016 min
Response: 2421134
Conc: 1.05 ng/ml



#12 4,4'-DDE

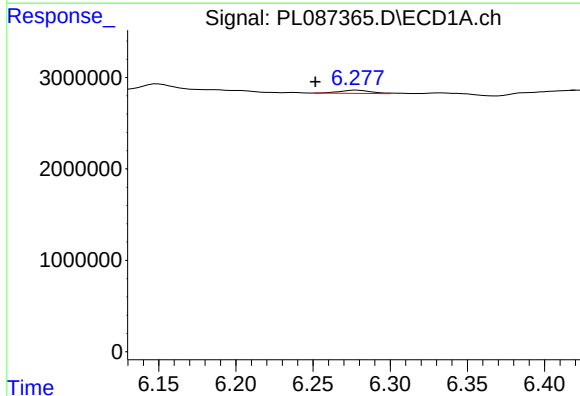
R.T.: 0.000 min
Exp R.T.: 6.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



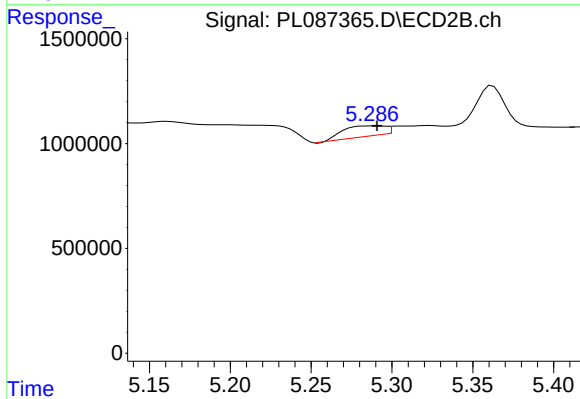
#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: -0.008 min
Response: 122347
Conc: 0.06 ng/ml



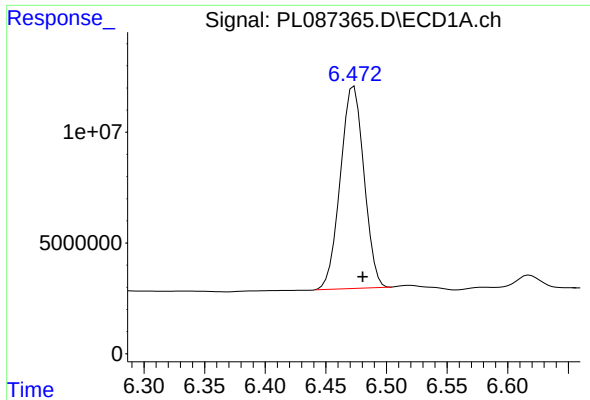
#13 Dieldrin

R.T.: 6.279 min
Delta R.T.: 0.027 min
Response: 483362
Conc: 0.10 ng/ml



#13 Dieldrin

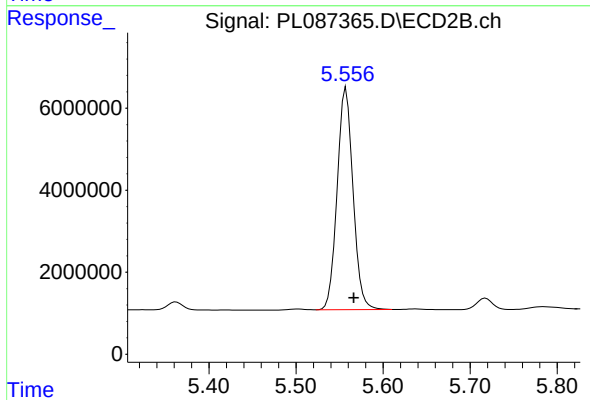
R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 899447
Conc: 0.40 ng/ml



#14 Endrin

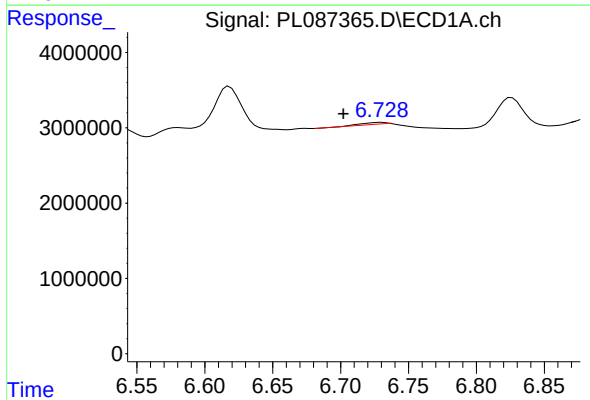
R.T.: 6.473 min
Delta R.T.: -0.007 min
Response: 123769614
Conc: 32.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



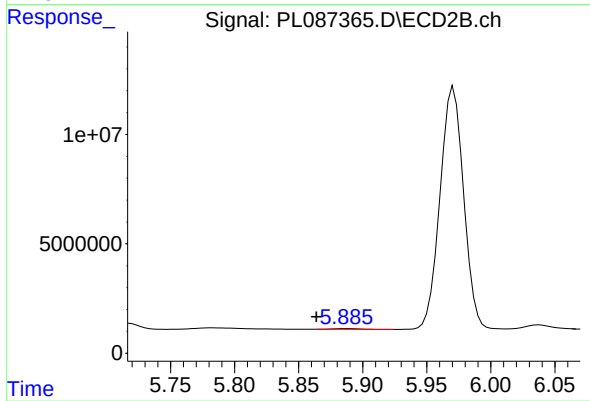
#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.009 min
Response: 68629801
Conc: 34.39 ng/ml



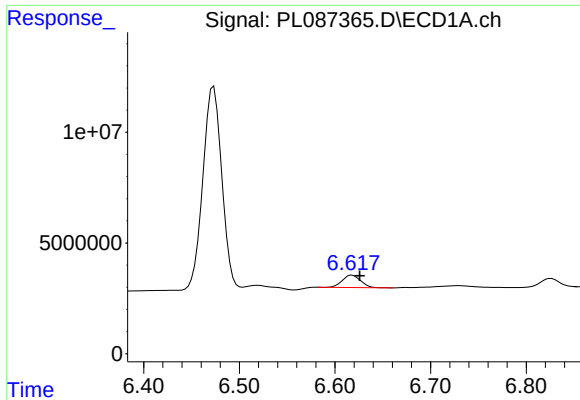
#15 Endosulfan II

R.T.: 6.730 min
Delta R.T.: 0.028 min
Response: 309799
Conc: 0.08 ng/ml



#15 Endosulfan II

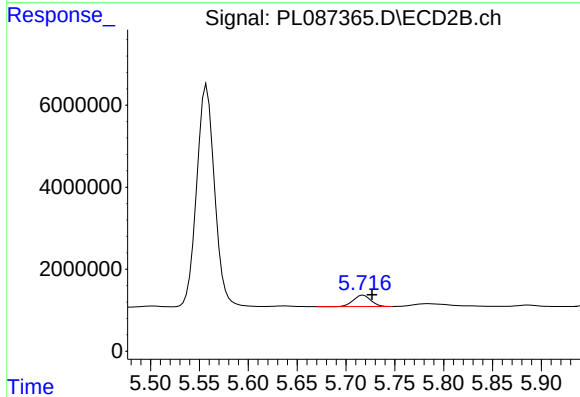
R.T.: 5.886 min
Delta R.T.: 0.023 min
Response: 429943
Conc: 0.22 ng/ml



#16 4,4'-DDD

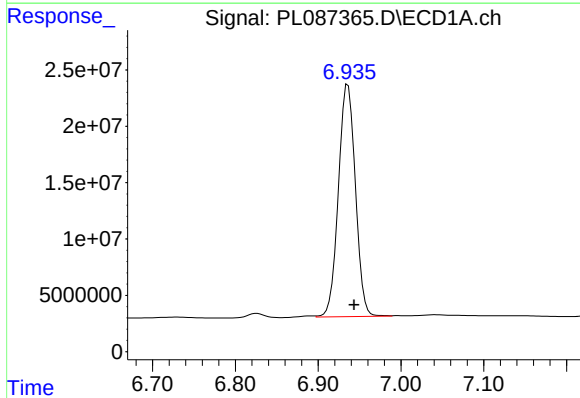
R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 7439971
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



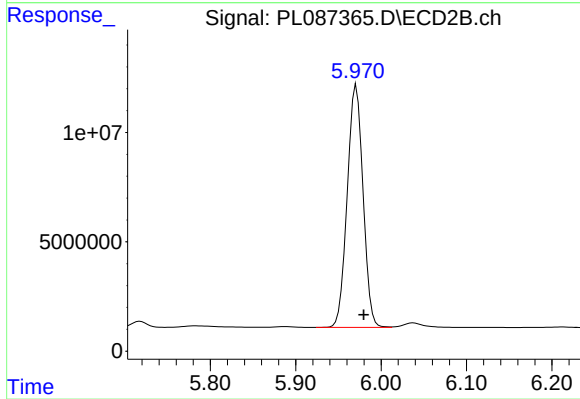
#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 3479553
Conc: 2.10 ng/ml



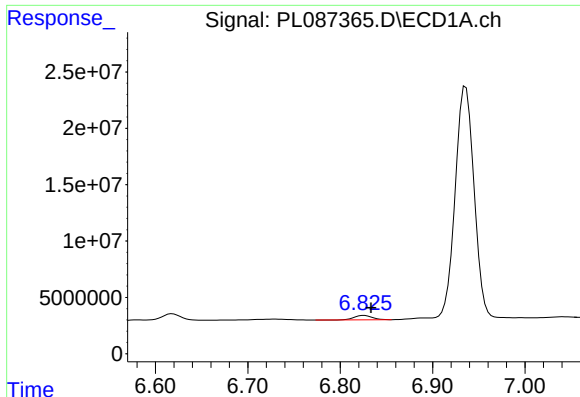
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.007 min
Response: 294215934
Conc: 78.24 ng/ml



#17 4,4'-DDT

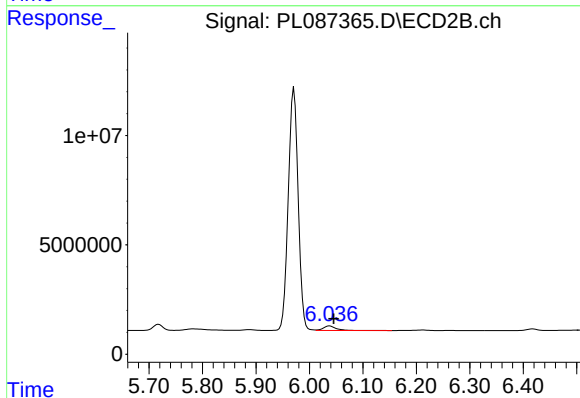
R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 142490338
Conc: 77.26 ng/ml



#18 Endrin aldehyde

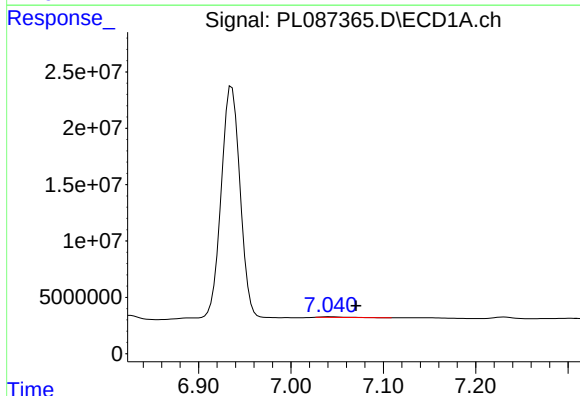
R.T.: 6.826 min
Delta R.T.: -0.007 min
Response: 5046830
Conc: 1.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



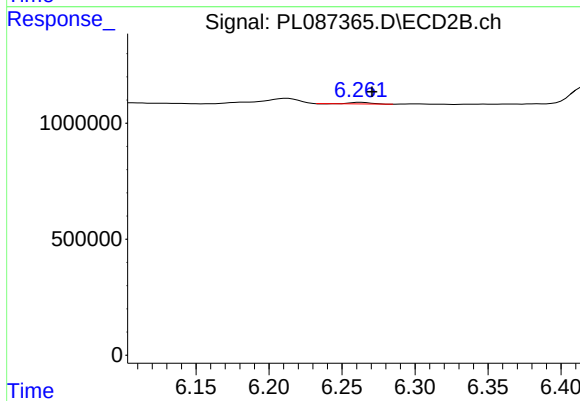
#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 3507250
Conc: 2.39 ng/ml



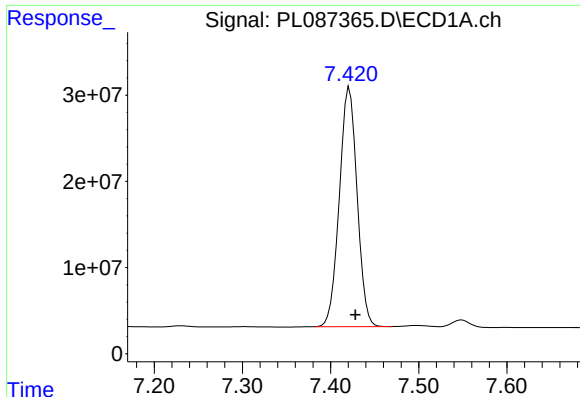
#19 Endosulfan Sulfate

R.T.: 7.041 min
Delta R.T.: -0.029 min
Response: 919883
Conc: 0.23 ng/ml



#19 Endosulfan Sulfate

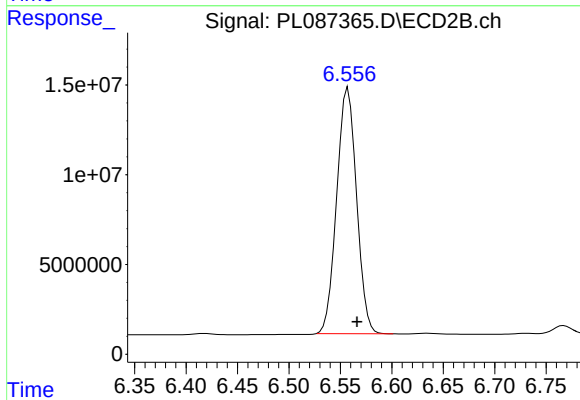
R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 69480
Conc: 0.04 ng/ml



#20 Methoxychlor

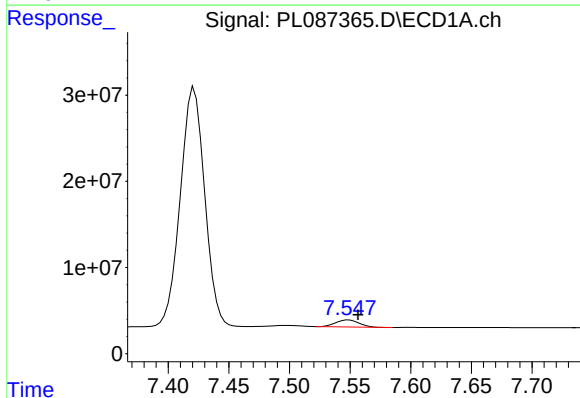
R.T.: 7.422 min
Delta R.T.: -0.007 min
Response: 388988931
Conc: 199.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



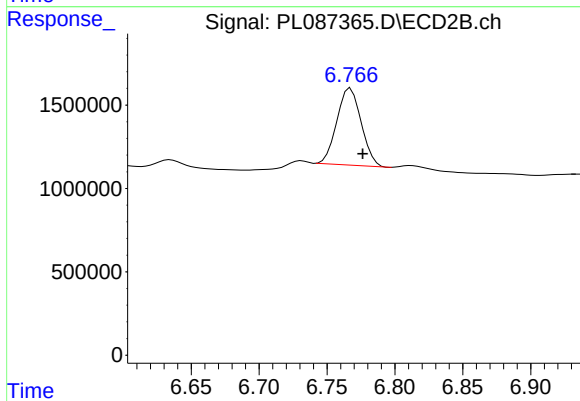
#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.009 min
Response: 184222094
Conc: 180.36 ng/ml



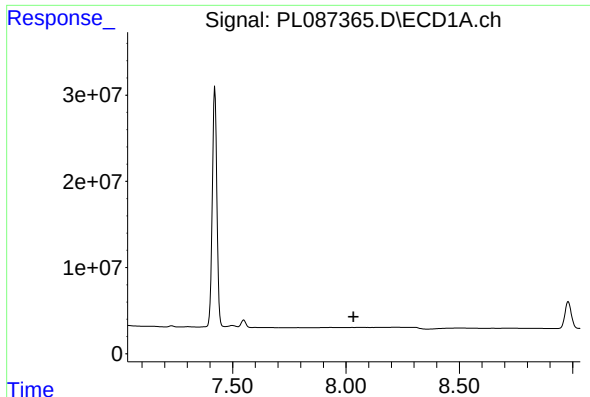
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: -0.008 min
Response: 10934318
Conc: 2.69 ng/ml



#21 Endrin ketone

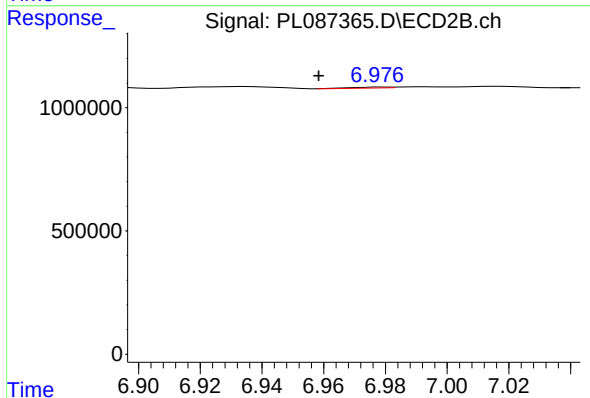
R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 5765015
Conc: 2.71 ng/ml



#22 Mirex

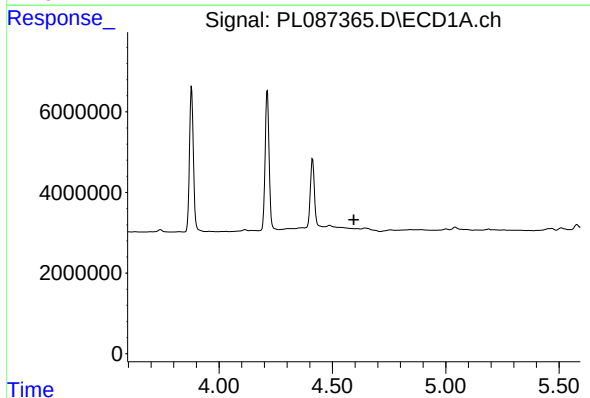
R.T.: 0.000 min
Exp R.T.: 8.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



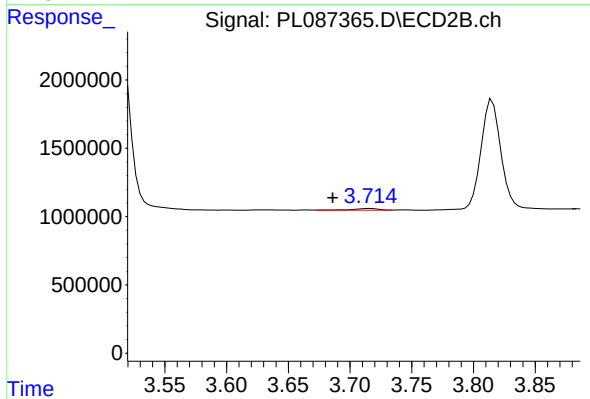
#22 Mirex

R.T.: 6.979 min
Delta R.T.: 0.021 min
Response: 31629
Conc: 0.02 ng/ml



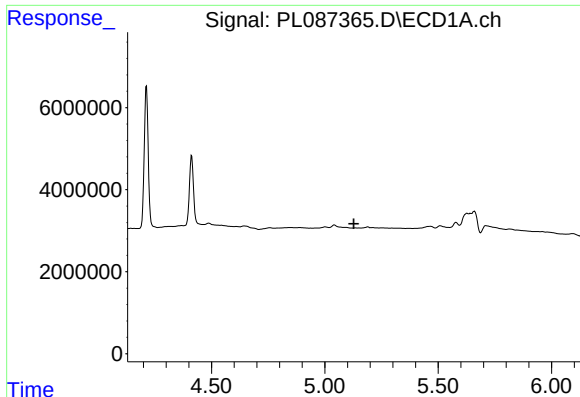
#23 Chlordane-1

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



#23 Chlordane-1

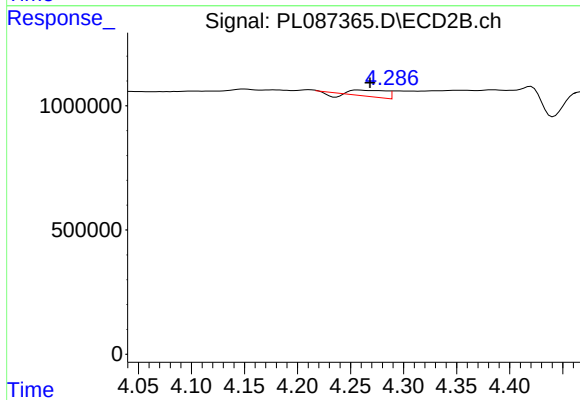
R.T.: 3.716 min
Delta R.T.: 0.030 min
Response: 170723
Conc: 2.75 ng/ml



#24 Chlordane-2

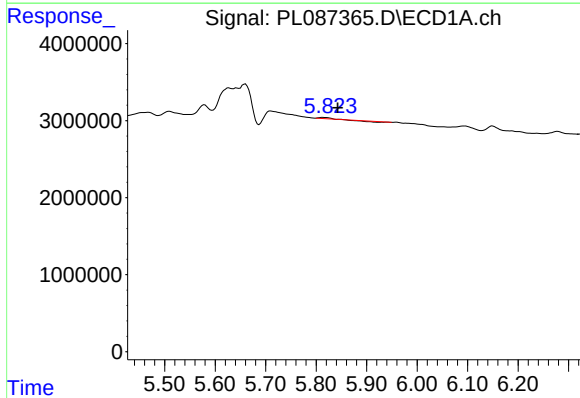
R.T.: 0.000 min
Exp R.T.: 5.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



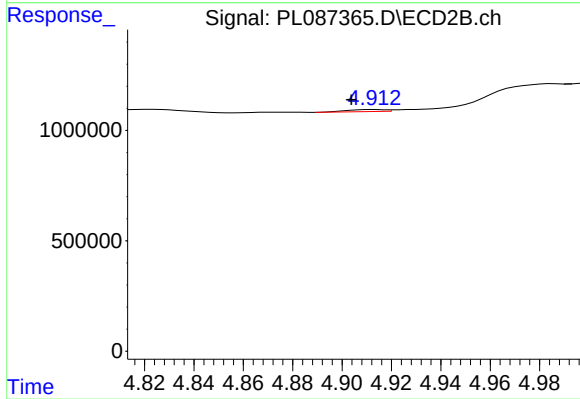
#24 Chlordane-2

R.T.: 4.257 min
Delta R.T.: -0.011 min
Response: 488841
Conc: 6.37 ng/ml



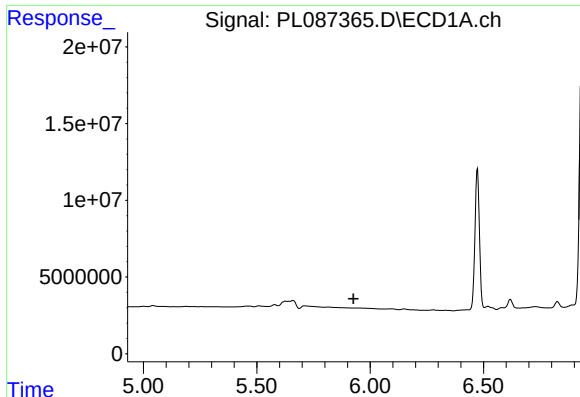
#25 Chlordane-3

R.T.: 5.813 min
Delta R.T.: -0.030 min
Response: 11810
Conc: 0.02 ng/ml



#25 Chlordane-3

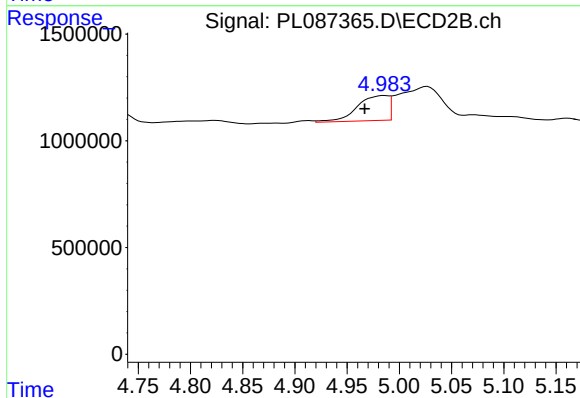
R.T.: 4.913 min
Delta R.T.: 0.009 min
Response: 96570
Conc: 0.44 ng/ml



#26 Chlordane-4

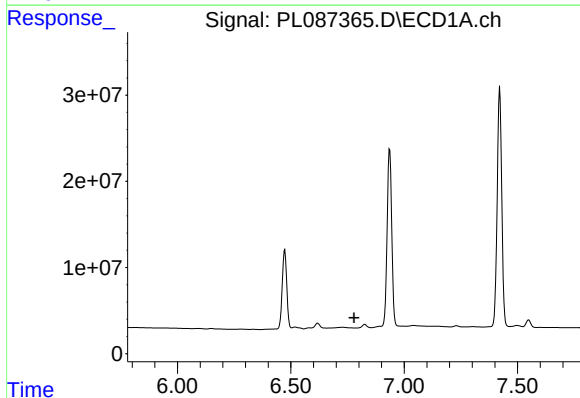
R.T.: 0.000 min
Exp R.T.: 5.927 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



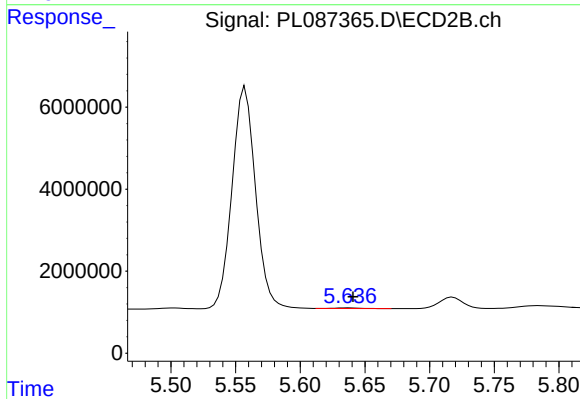
#26 Chlordane-4

R.T.: 4.986 min
Delta R.T.: 0.019 min
Response: 2421134
Conc: 10.40 ng/ml



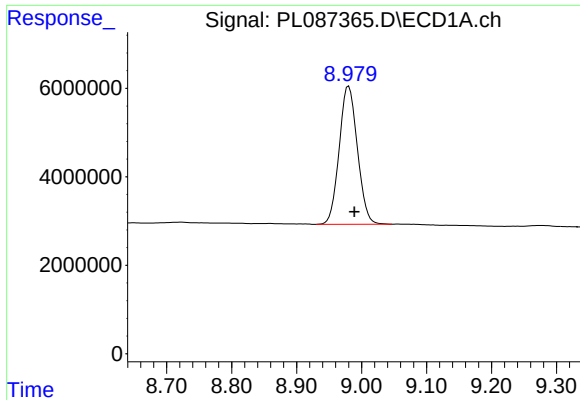
#27 Chlordane-5

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



#27 Chlordane-5

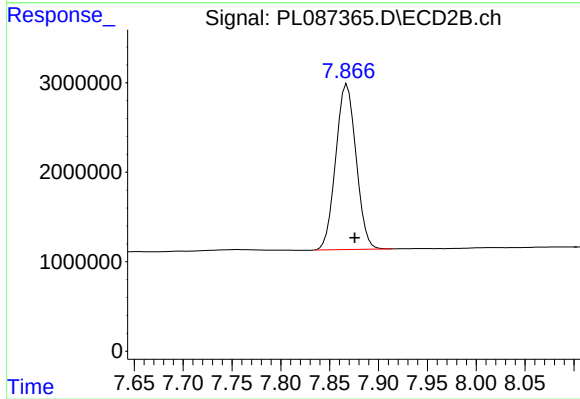
R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 199892
Conc: 3.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 60792207
Conc: 17.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 26772639
Conc: 15.85 ng/ml