

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042023\
 Data File : PL082230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 22:57
 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: Apr 21 04:43:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.323	2.661	48601642	40317977	18.195	17.403
28)	SA Decachlor...	8.741	7.772	36280675	41784937	19.004	18.307
Target Compounds							
2)	A alpha-BHC	3.772	3.159	33176613	27120717	8.335	7.969
3)	MA gamma-BHC...	4.100	3.486	32907485	26651220	8.801	8.289
4)	MA Heptachlor	0.000	3.786f	0	13463107	N.D.	3.933 #
5)	MB Aldrin	5.020	4.080	785885	539198	0.238	0.171 #
6)	B beta-BHC	4.303	3.786	15955195	13463107	9.355	9.867
7)	B delta-BHC	0.000	3.995	0	119094	N.D.	0.039 #
8)	B Heptachlo...	5.442	4.574	1163023	156863	0.381	0.054 #
9)	A Endosulfan I	5.816	4.941	388678	49569	0.140	0.019 #
10)	B gamma-Chl...	0.000	4.848f	0	229490	N.D.	0.079 #
11)	B alpha-Chl...	0.000	4.894	0	263343	N.D.	0.091 #
12)	B 4,4'-DDE	0.000	5.102f	0	102649	N.D.	0.045 #
13)	MA Dieldrin	0.000	5.225	0	129495	N.D.	0.048 #
14)	MA Endrin	6.323	5.502	99427086	99387353	41.008	40.633
15)	B Endosulfa...	6.535	5.761f	2688660	2267089	1.104	1.006
16)	A 4,4'-DDD	6.467	5.653	1517849	1434844	0.749	0.767
17)	MA 4,4'-DDT	6.779	5.902	196.4E6	191.8E6	85.844	90.766
18)	B Endrin al...	6.675	5.980	2692885	4793630	1.429	2.562 #
19)	B Endosulfa...	0.000	6.200	0	194220	N.D.	0.082 #
20)	A Methoxychlor	7.259	6.481	262.9E6	259.3E6	215.421	214.004
21)	B Endrin ke...	7.388	6.705	4349298	5814834	1.816	2.291 #
23)	Chlordane-1	0.000	3.641	0	88917	N.D.	1.003 #
24)	Chlordane-2	5.020f	4.191f	785885	980766	6.601	8.746 #
25)	Chlordane-3	0.000	4.848	0	229490	N.D.	0.808 #
26)	Chlordane-4	0.000	4.894	0	263343	N.D.	0.882 #
27)	Chlordane-5	0.000	5.761f	0	2267089	N.D.	22.967 #

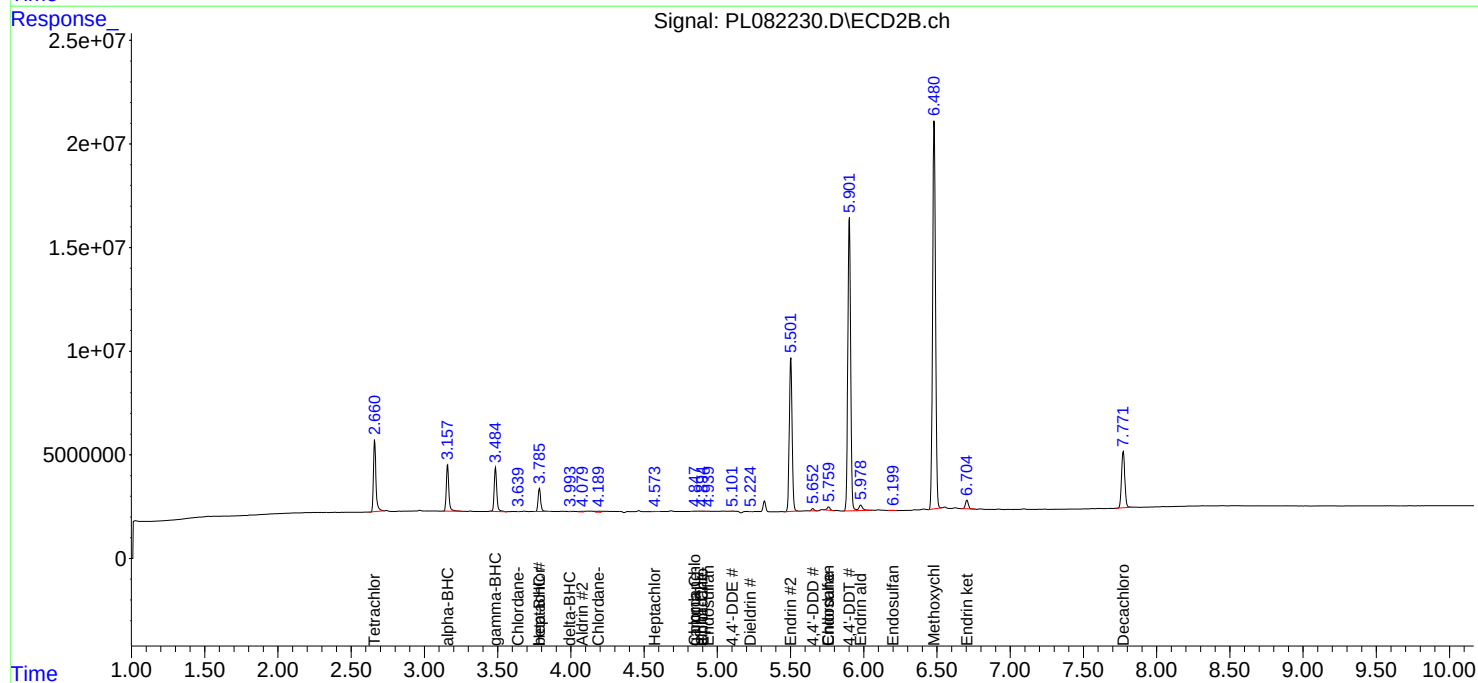
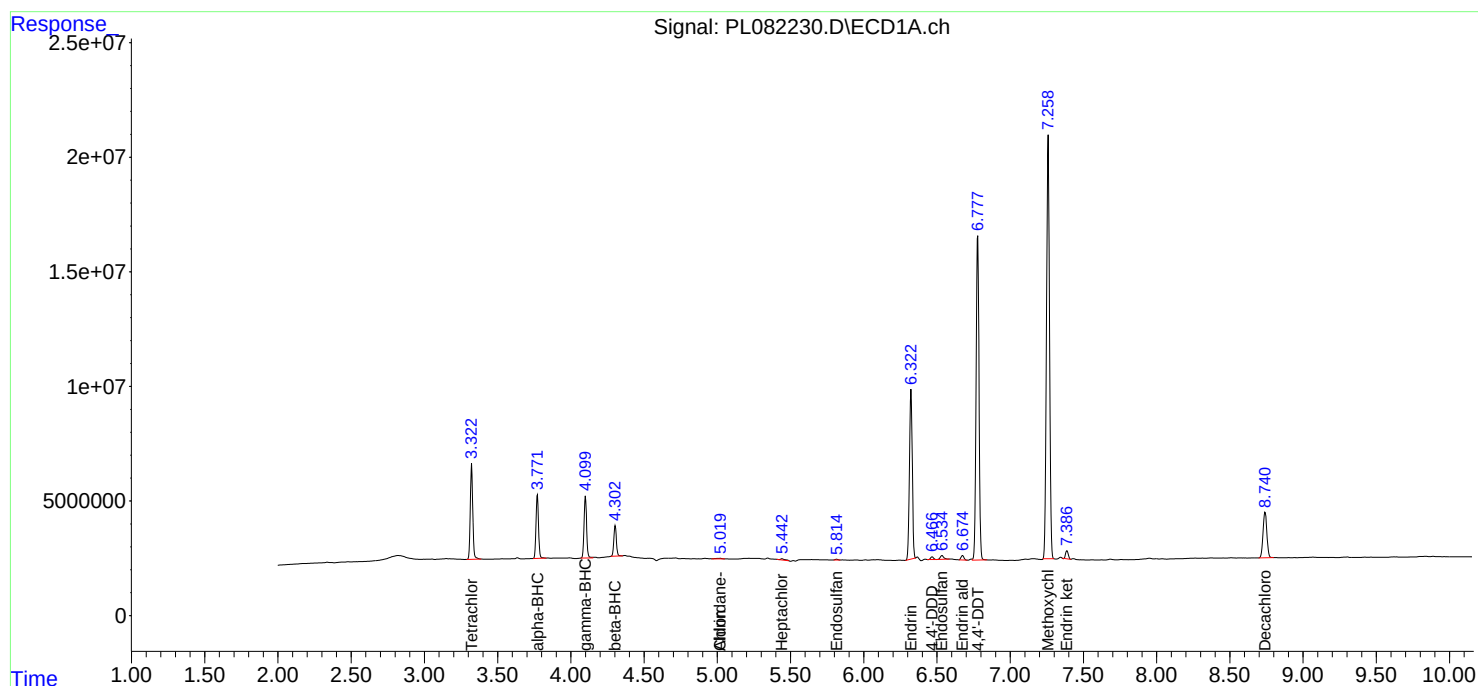
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

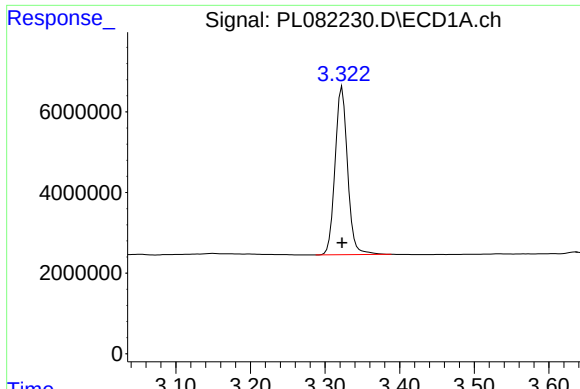
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042023\
Data File : PL082230.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2023 22:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 04:43:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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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

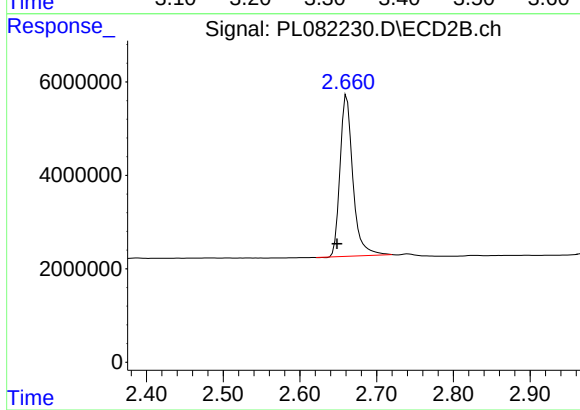




#1 Tetrachloro-m-xylene

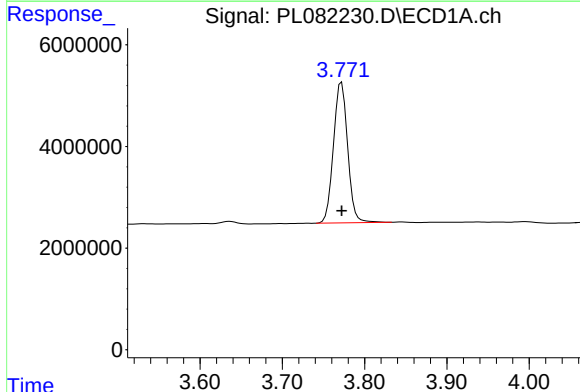
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 48601642
Conc: 18.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



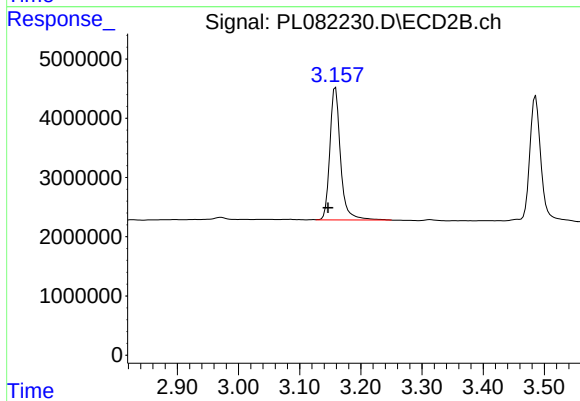
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: 0.013 min
Response: 40317977
Conc: 17.40 ng/ml



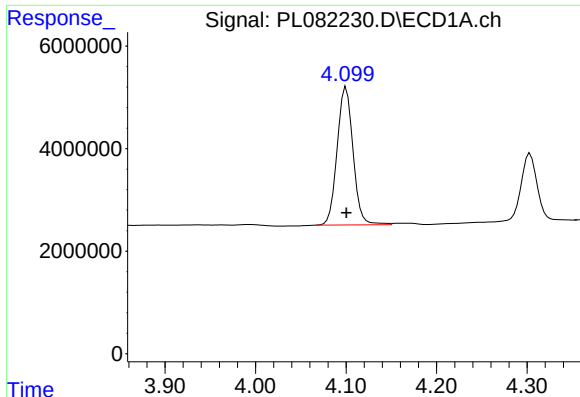
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 33176613
Conc: 8.34 ng/ml



#2 alpha-BHC

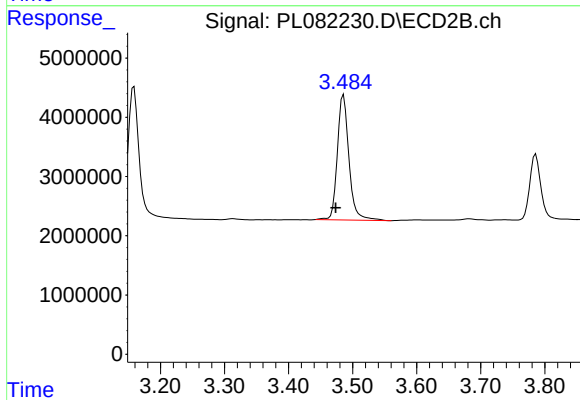
R.T.: 3.159 min
Delta R.T.: 0.012 min
Response: 27120717
Conc: 7.97 ng/ml



#3 gamma-BHC (Lindane)

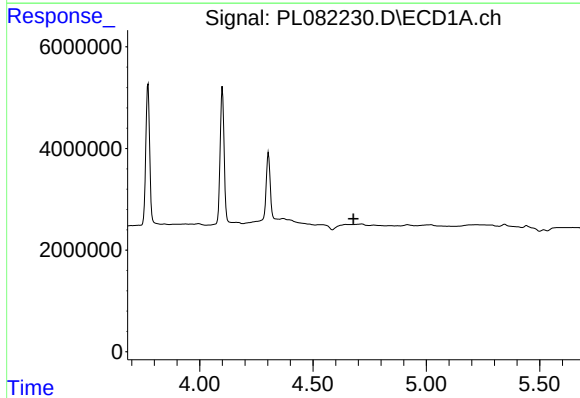
R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 32907485
Conc: 8.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



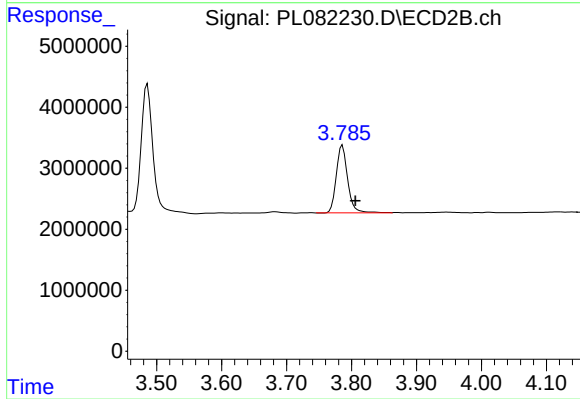
#3 gamma-BHC (Lindane)

R.T.: 3.486 min
Delta R.T.: 0.012 min
Response: 26651220
Conc: 8.29 ng/ml



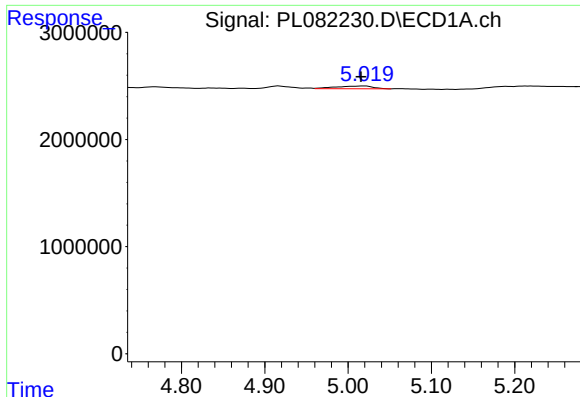
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.679 min
Response: 0
Conc: N.D.



#4 Heptachlor

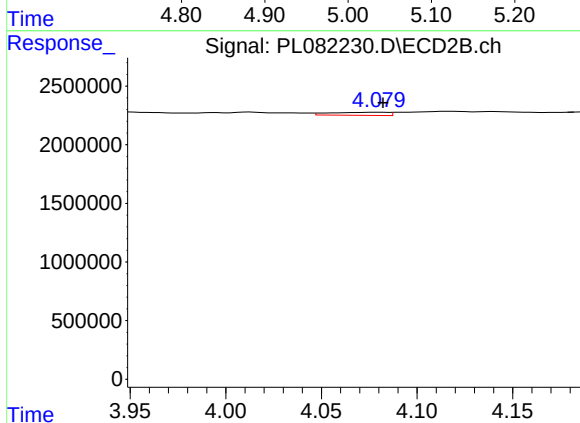
R.T.: 3.786 min
Delta R.T.: -0.020 min
Response: 13463107
Conc: 3.93 ng/ml



#5 Aldrin

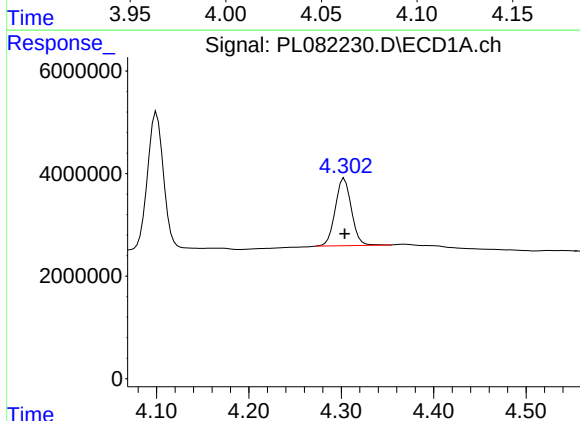
R.T.: 5.020 min
Delta R.T.: 0.005 min
Response: 785885
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



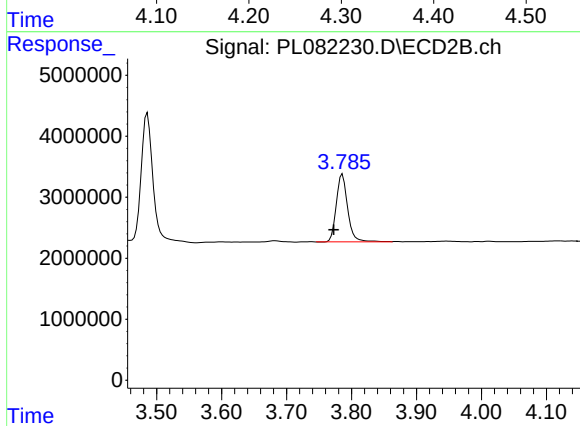
#5 Aldrin

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 539198
Conc: 0.17 ng/ml



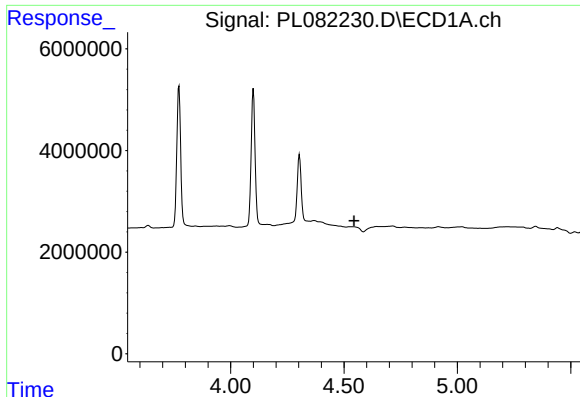
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 15955195
Conc: 9.36 ng/ml



#6 beta-BHC

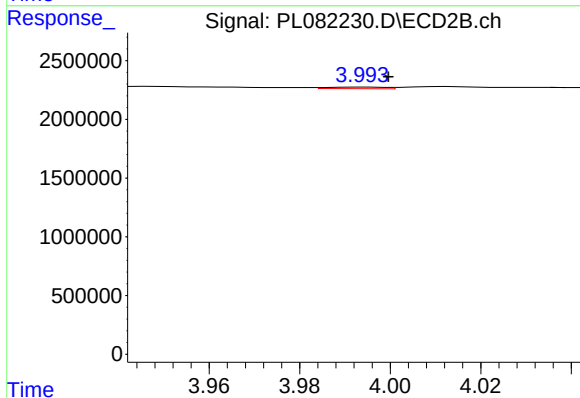
R.T.: 3.786 min
Delta R.T.: 0.013 min
Response: 13463107
Conc: 9.87 ng/ml



#7 delta-BHC

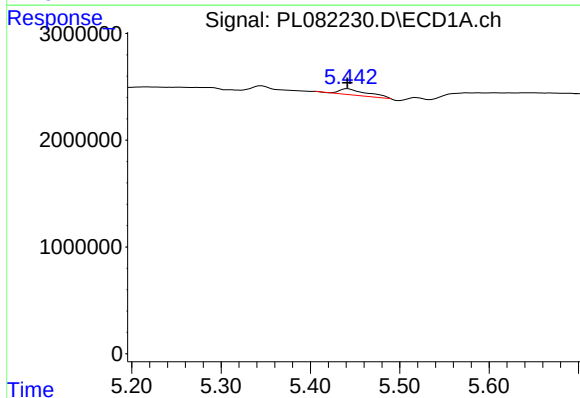
R.T.: 0.000 min
Exp R.T.: 4.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



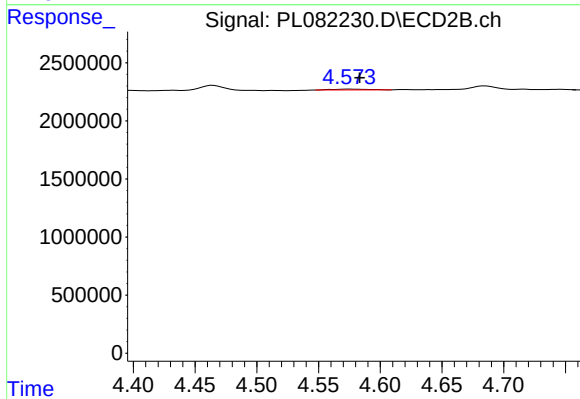
#7 delta-BHC

R.T.: 3.995 min
Delta R.T.: -0.005 min
Response: 119094
Conc: 0.04 ng/ml



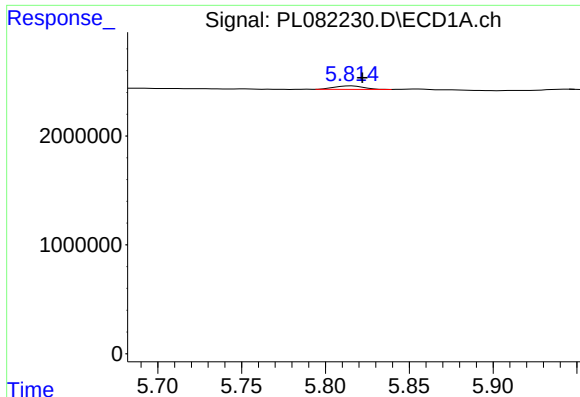
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 1163023
Conc: 0.38 ng/ml



#8 Heptachlor epoxide

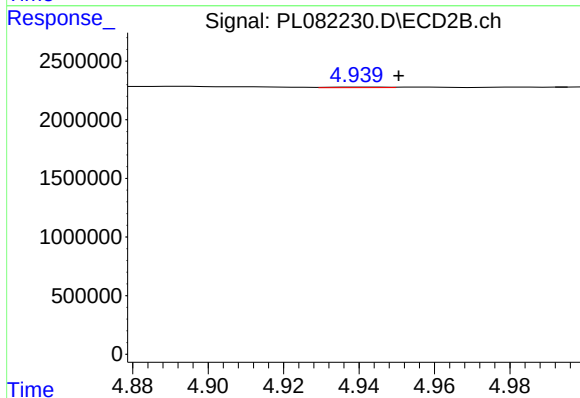
R.T.: 4.574 min
Delta R.T.: -0.009 min
Response: 156863
Conc: 0.05 ng/ml



#9 Endosulfan I

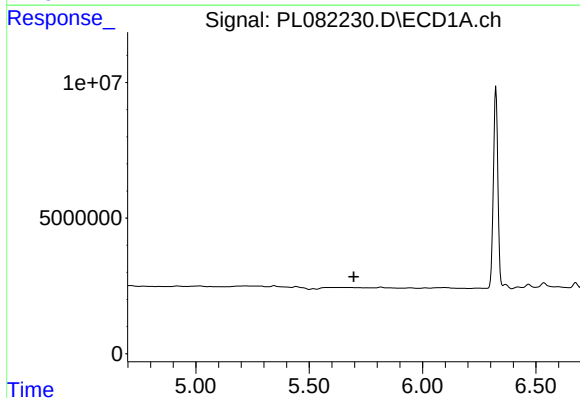
R.T.: 5.816 min
Delta R.T.: -0.007 min
Response: 388678
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



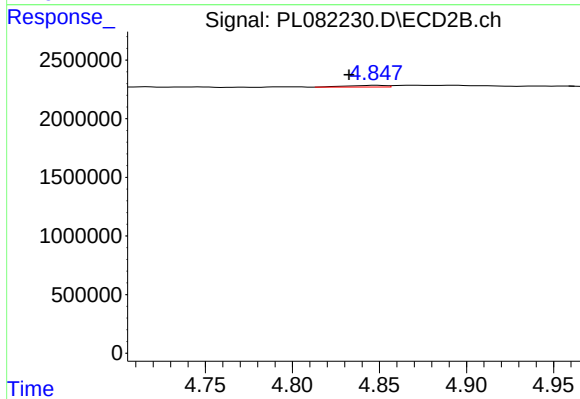
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 49569
Conc: 0.02 ng/ml



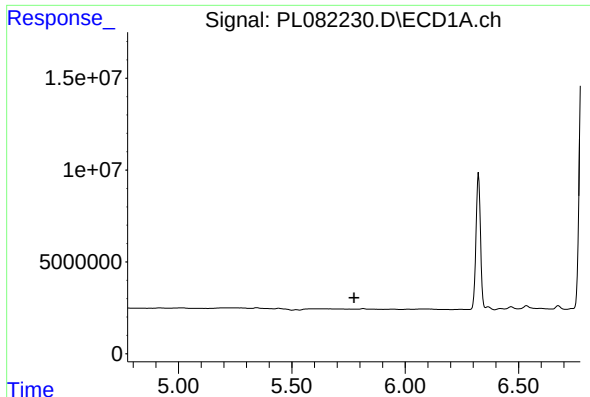
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.696 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

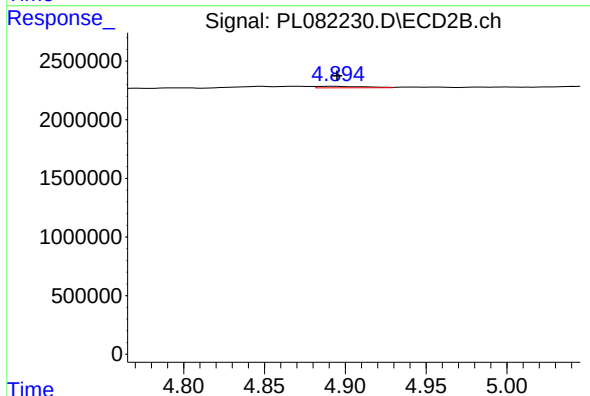
R.T.: 4.848 min
Delta R.T.: 0.016 min
Response: 229490
Conc: 0.08 ng/ml



#11 alpha-Chlordane

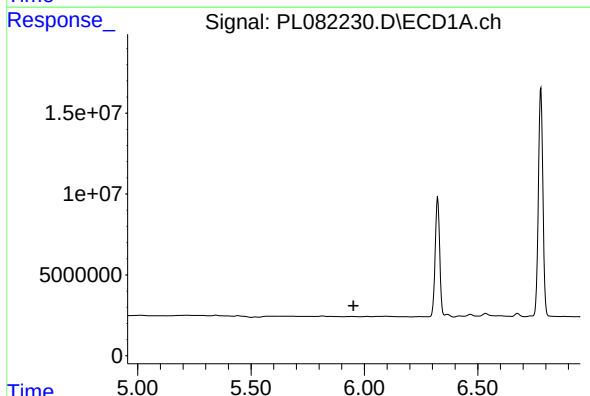
R.T.: 0.000 min
Exp R.T.: 5.774 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



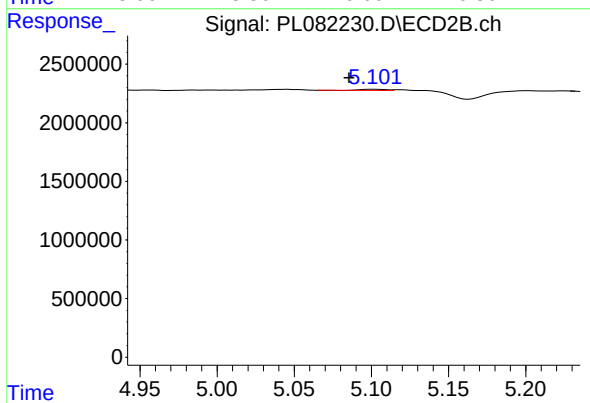
#11 alpha-Chlordane

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 263343
Conc: 0.09 ng/ml



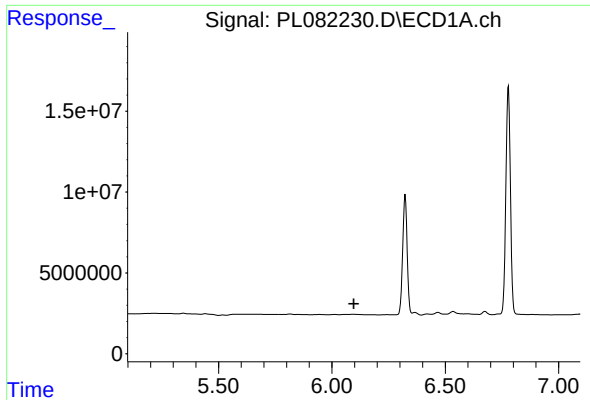
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.952 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

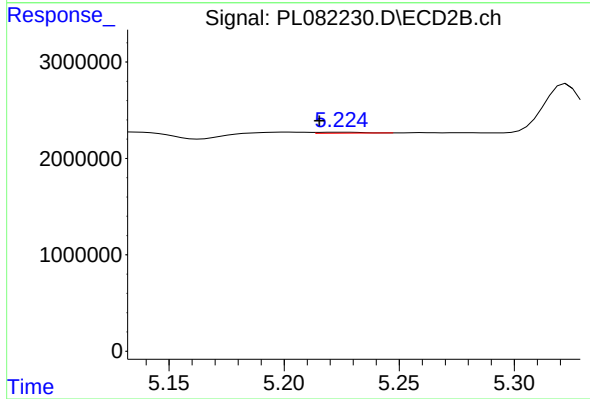
R.T.: 5.102 min
Delta R.T.: 0.017 min
Response: 102649
Conc: 0.04 ng/ml



#13 Dieldrin

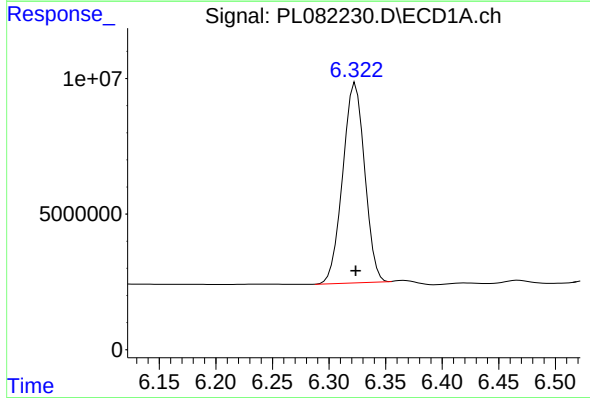
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



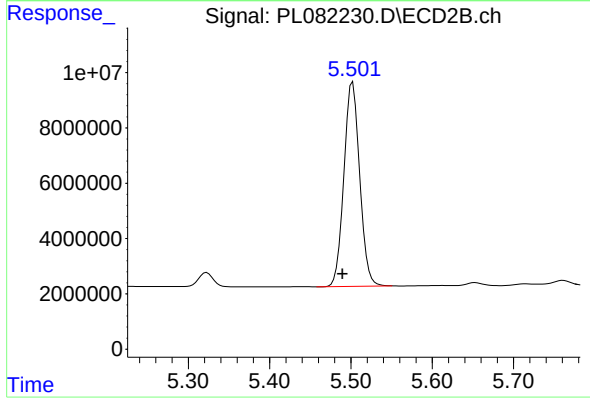
#13 Dieldrin

R.T.: 5.225 min
Delta R.T.: 0.010 min
Response: 129495
Conc: 0.05 ng/ml



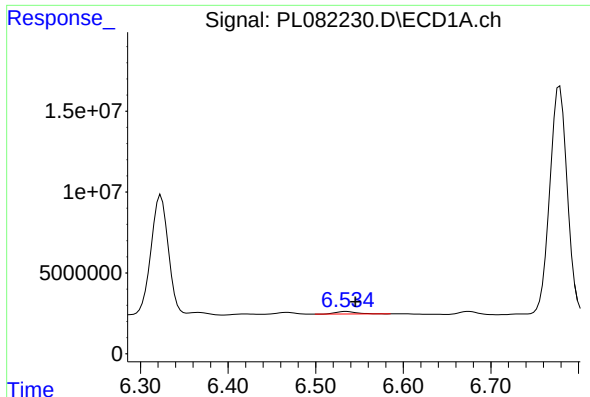
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 99427086
Conc: 41.01 ng/ml



#14 Endrin

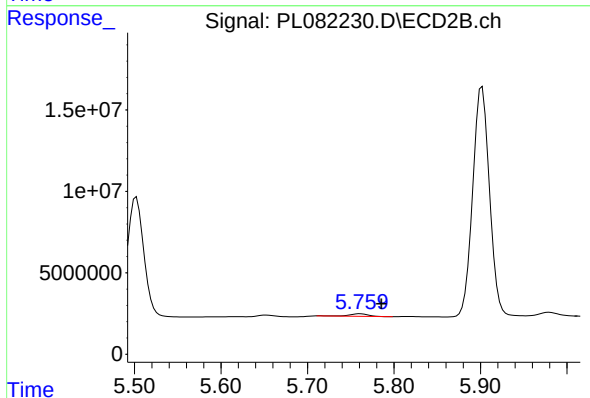
R.T.: 5.502 min
Delta R.T.: 0.013 min
Response: 99387353
Conc: 40.63 ng/ml



#15 Endosulfan II

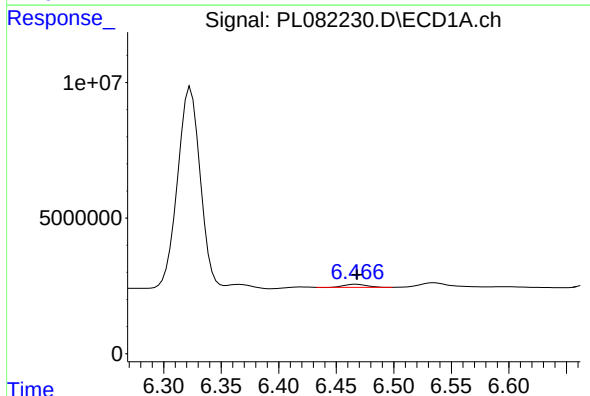
R.T.: 6.535 min
Delta R.T.: -0.010 min
Response: 2688660
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



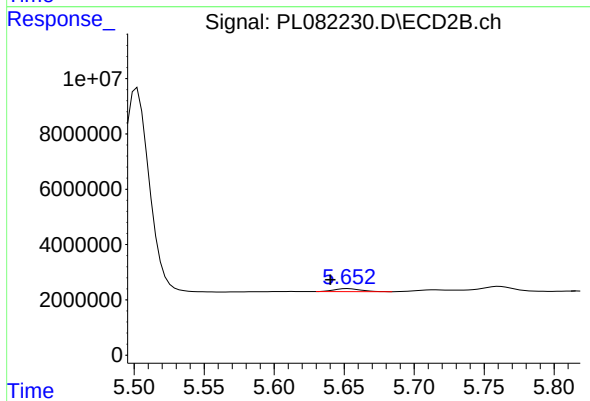
#15 Endosulfan II

R.T.: 5.761 min
Delta R.T.: -0.025 min
Response: 2267089
Conc: 1.01 ng/ml



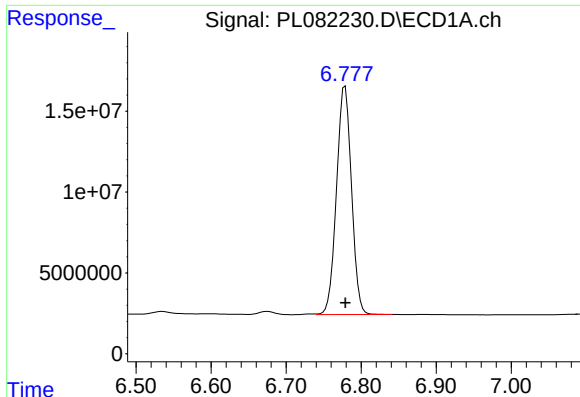
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 1517849
Conc: 0.75 ng/ml



#16 4,4'-DDD

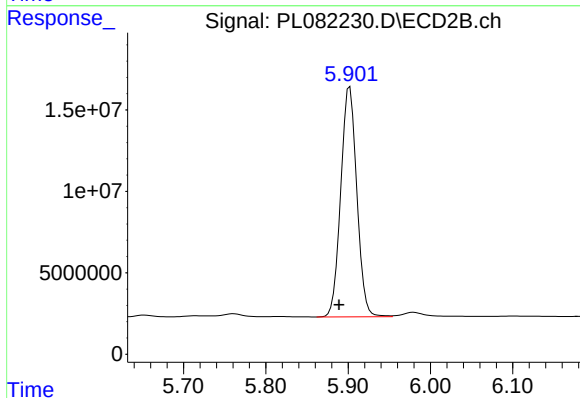
R.T.: 5.653 min
Delta R.T.: 0.013 min
Response: 1434844
Conc: 0.77 ng/ml



#17 4,4'-DDT

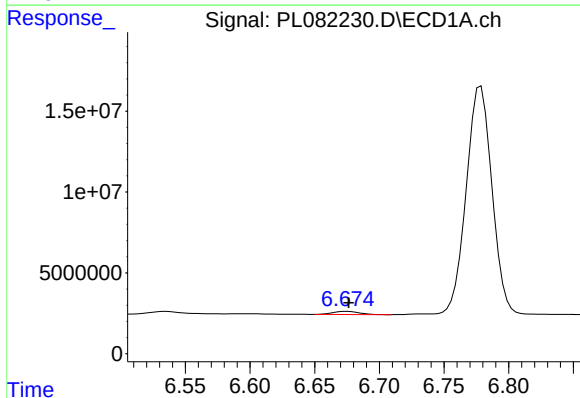
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 196386650
Conc: 85.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



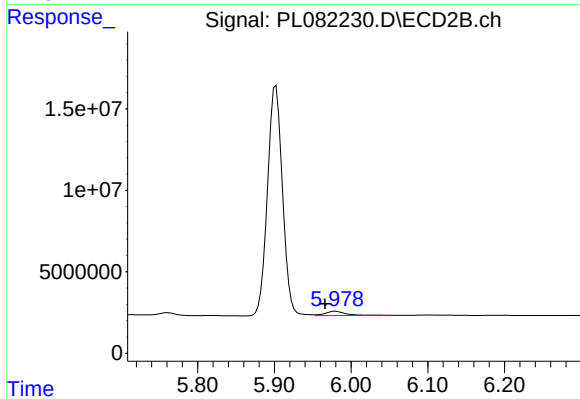
#17 4,4'-DDT

R.T.: 5.902 min
Delta R.T.: 0.013 min
Response: 191751205
Conc: 90.77 ng/ml



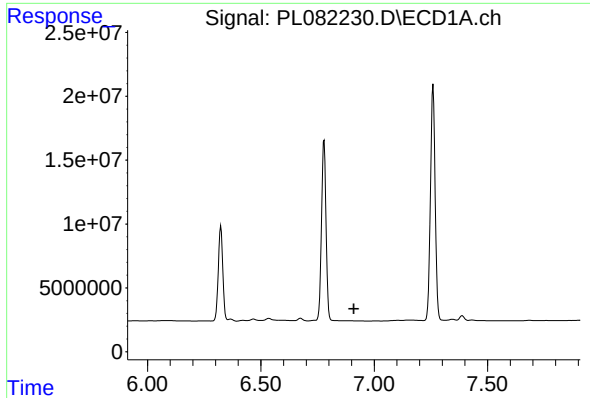
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 2692885
Conc: 1.43 ng/ml



#18 Endrin aldehyde

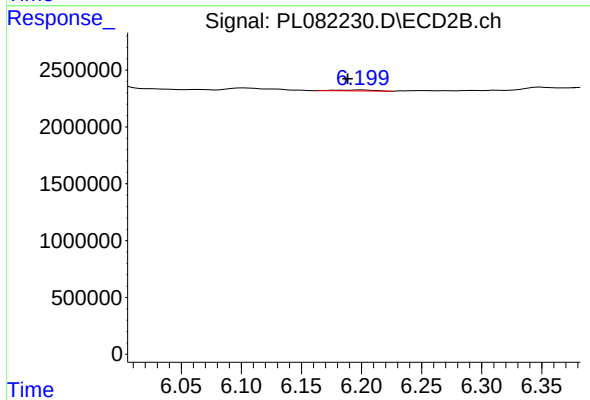
R.T.: 5.980 min
Delta R.T.: 0.014 min
Response: 4793630
Conc: 2.56 ng/ml



#19 Endosulfan Sulfate

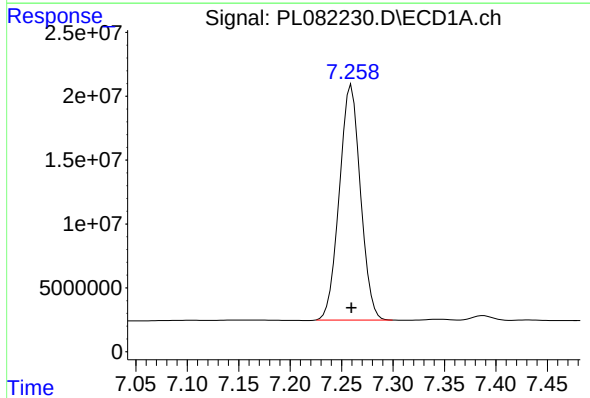
R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



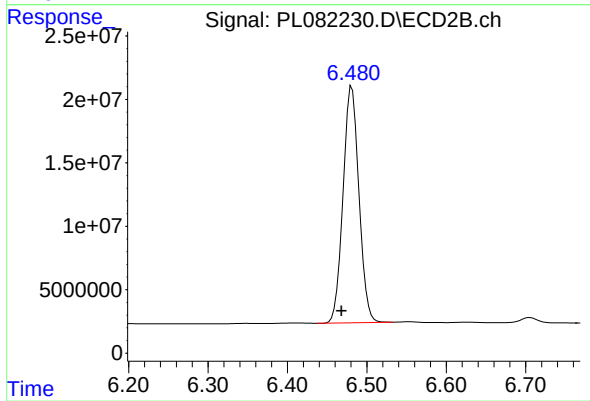
#19 Endosulfan Sulfate

R.T.: 6.200 min
Delta R.T.: 0.012 min
Response: 194220
Conc: 0.08 ng/ml



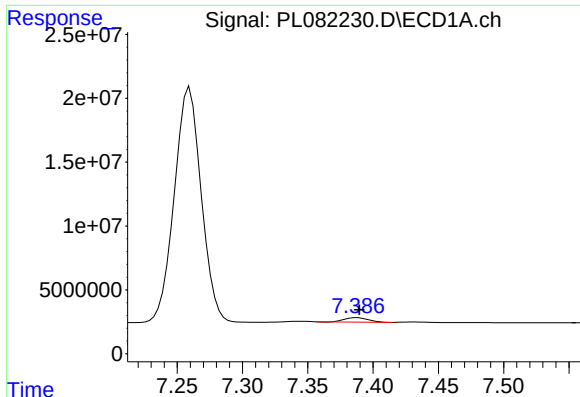
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 262884596
Conc: 215.42 ng/ml



#20 Methoxychlor

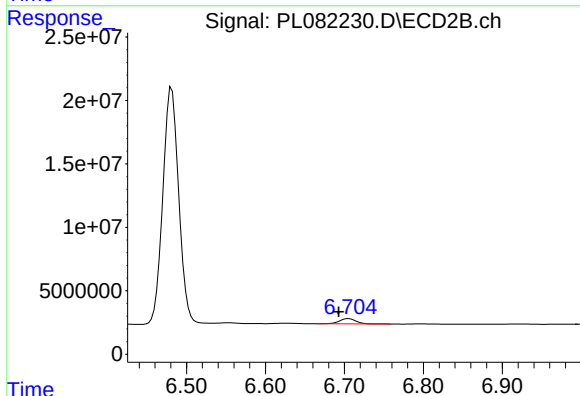
R.T.: 6.481 min
Delta R.T.: 0.013 min
Response: 259337990
Conc: 214.00 ng/ml



#21 Endrin ketone

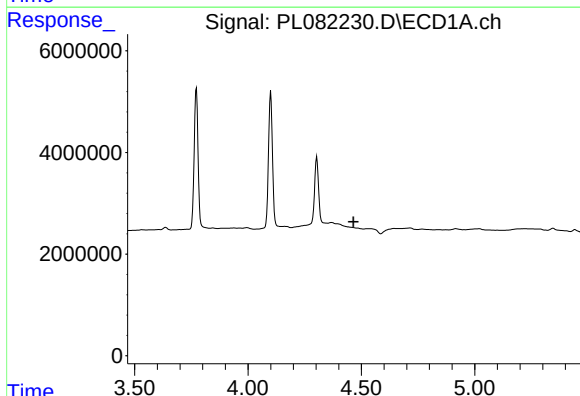
R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 4349298
Conc: 1.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



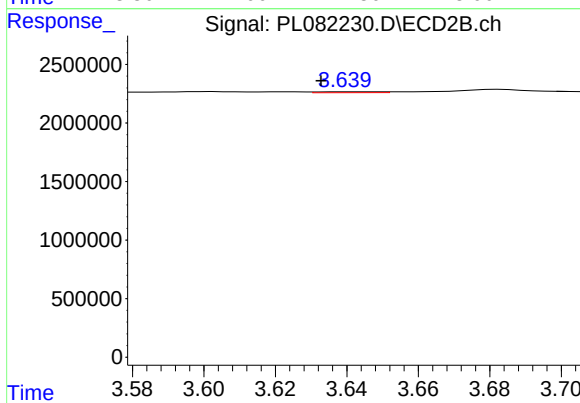
#21 Endrin ketone

R.T.: 6.705 min
Delta R.T.: 0.013 min
Response: 5814834
Conc: 2.29 ng/ml



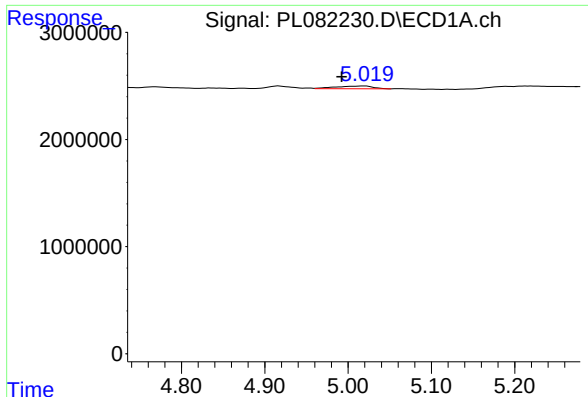
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.



#23 Chlordane-1

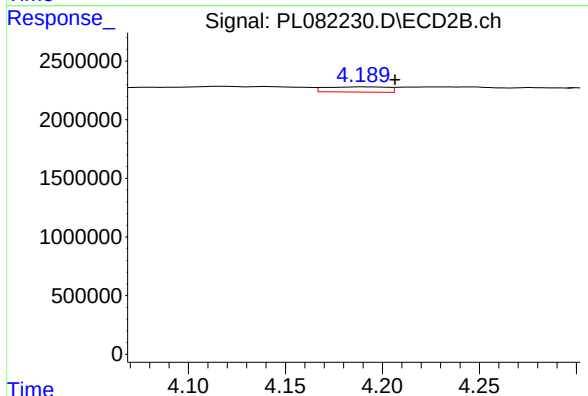
R.T.: 3.641 min
Delta R.T.: 0.008 min
Response: 88917
Conc: 1.00 ng/ml



#24 Chlordane-2

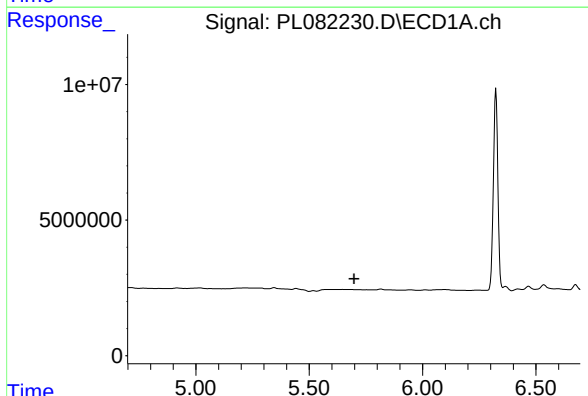
R.T.: 5.020 min
Delta R.T.: 0.028 min
Response: 785885
Conc: 6.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



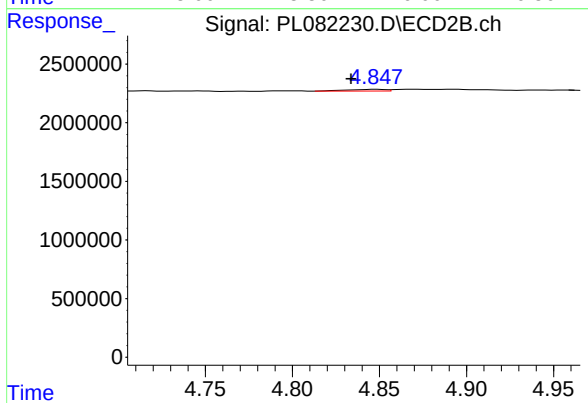
#24 Chlordane-2

R.T.: 4.191 min
Delta R.T.: -0.016 min
Response: 980766
Conc: 8.75 ng/ml



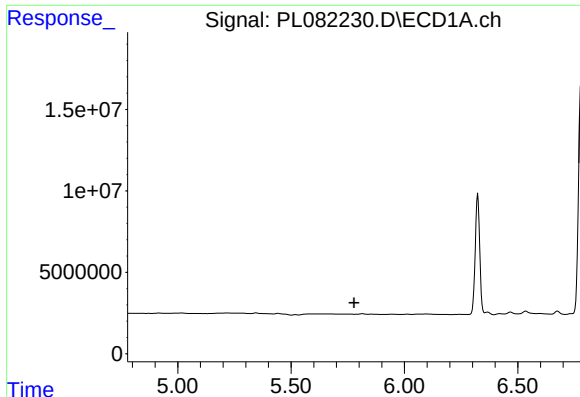
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.698 min
Response: 0
Conc: N.D.



#25 Chlordane-3

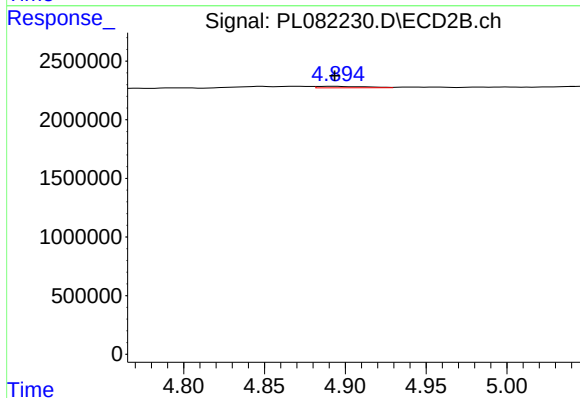
R.T.: 4.848 min
Delta R.T.: 0.015 min
Response: 229490
Conc: 0.81 ng/ml



#26 Chlordane-4

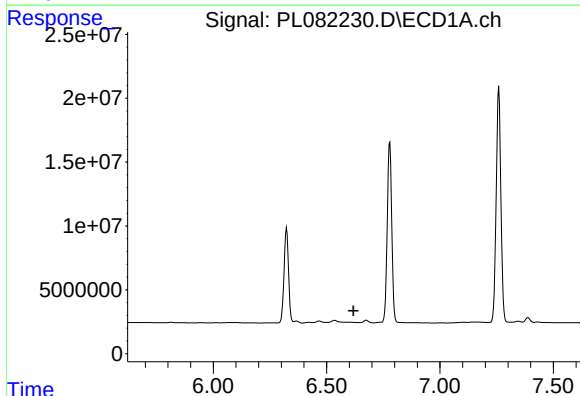
R.T.: 0.000 min
Exp R.T.: 5.778 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



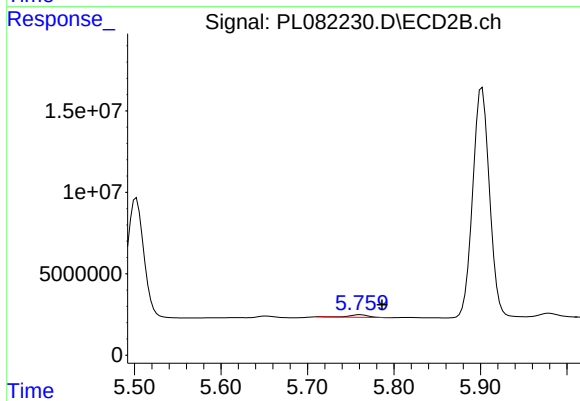
#26 Chlordane-4

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 263343
Conc: 0.88 ng/ml



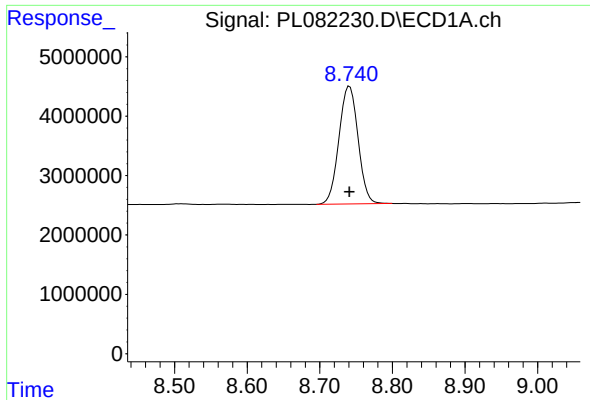
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.



#27 Chlordane-5

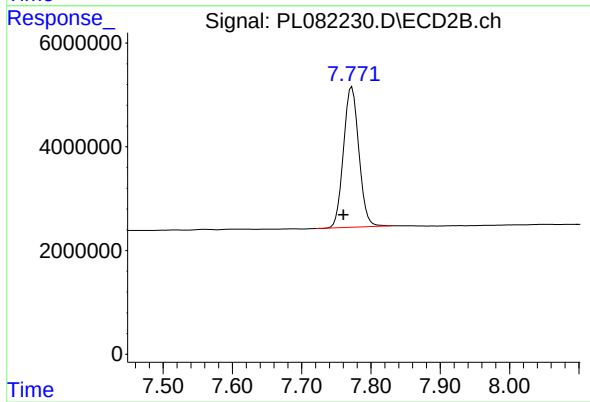
R.T.: 5.761 min
Delta R.T.: -0.025 min
Response: 2267089
Conc: 22.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 36280675
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: 0.012 min
Response: 41784937
Conc: 18.31 ng/ml