

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072823\  
 Data File : PL084357.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2023 21:57  
 Operator : AR\AJ  
 Sample : 03810-12  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 28 22:44:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 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... | 3.476  | 2.687  | 21817215 | 10691781 | 10.909 | 9.627   |
| 28)                         | SA Decachlor... | 9.026  | 7.870  | 15230182 | 12209754 | 11.701 | 10.989  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 0.000  | 3.182  | 0        | 119574   | N.D.   | 0.074 # |
| 4)                          | MA Heptachlor   | 4.848  | 0.000  | 506303   | 0        | 0.186  | N.D. #  |
| 5)                          | MB Aldrin       | 0.000  | 4.140  | 0        | 216877   | N.D.   | 0.144 # |
| 7)                          | B delta-BHC     | 4.715  | 0.000  | 1297756  | 0        | 0.487  | N.D. #  |
| 8)                          | B Heptachlo...  | 5.632  | 4.659  | 829405   | 33934    | 0.311  | 0.026 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.040f | 0        | 94030    | N.D.   | 0.077 # |
| 10)                         | B gamma-Chl...  | 5.888  | 4.926f | 1050407  | 1014596  | 0.407  | 0.762 # |
| 11)                         | B alpha-Chl...  | 5.974  | 4.967  | 1310549  | 625214   | 0.516  | 0.464   |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.166  | 2678275  | 1794368  | 1.331  | 1.461   |
| 13)                         | MA Dieldrin     | 0.000  | 5.295  | 0        | 418189   | N.D.   | 0.321 # |
| 14)                         | MA Endrin       | 0.000  | 5.584f | 0        | 276373   | N.D.   | 0.251 # |
| 15)                         | B Endosulfa...  | 0.000  | 5.860  | 0        | 119206   | N.D.   | 0.104 # |
| 16)                         | A 4,4'-DDD      | 6.669  | 5.724  | 1356114  | 738828   | 0.923  | 0.770   |
| 17)                         | MA 4,4'-DDT     | 6.983  | 5.974  | 1165028  | 1043683  | 0.731  | 1.146 # |
| 18)                         | B Endrin al...  | 0.000  | 6.070f | 0        | 87621    | N.D.   | 0.097 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.272  | 0        | 135804   | N.D.   | 0.124 # |
| 20)                         | A Methoxychlor  | 0.000  | 6.585f | 0        | 11606    | N.D.   | 0.024 # |
| 22)                         | Mirex           | 0.000  | 6.949  | 0        | 10332    | N.D.   | 0.010 # |
| 23)                         | Chlordane-1     | 0.000  | 3.690  | 0        | 280347   | N.D.   | 0.710 # |
| 24)                         | Chlordane-2     | 5.164  | 0.000  | 238840   | 0        | 0.299  | N.D. #  |
| 25)                         | Chlordane-3     | 5.888  | 4.926f | 1050407  | 1014596  | 0.299  | 0.740 # |
| 26)                         | Chlordane-4     | 5.974  | 4.967  | 1310549  | 625214   | 0.321  | 0.436 # |
| 27)                         | Chlordane-5     | 6.798f | 5.860  | 336028   | 119206   | 0.550  | 0.260 # |
| -----                       |                 |        |        |          |          |        |         |

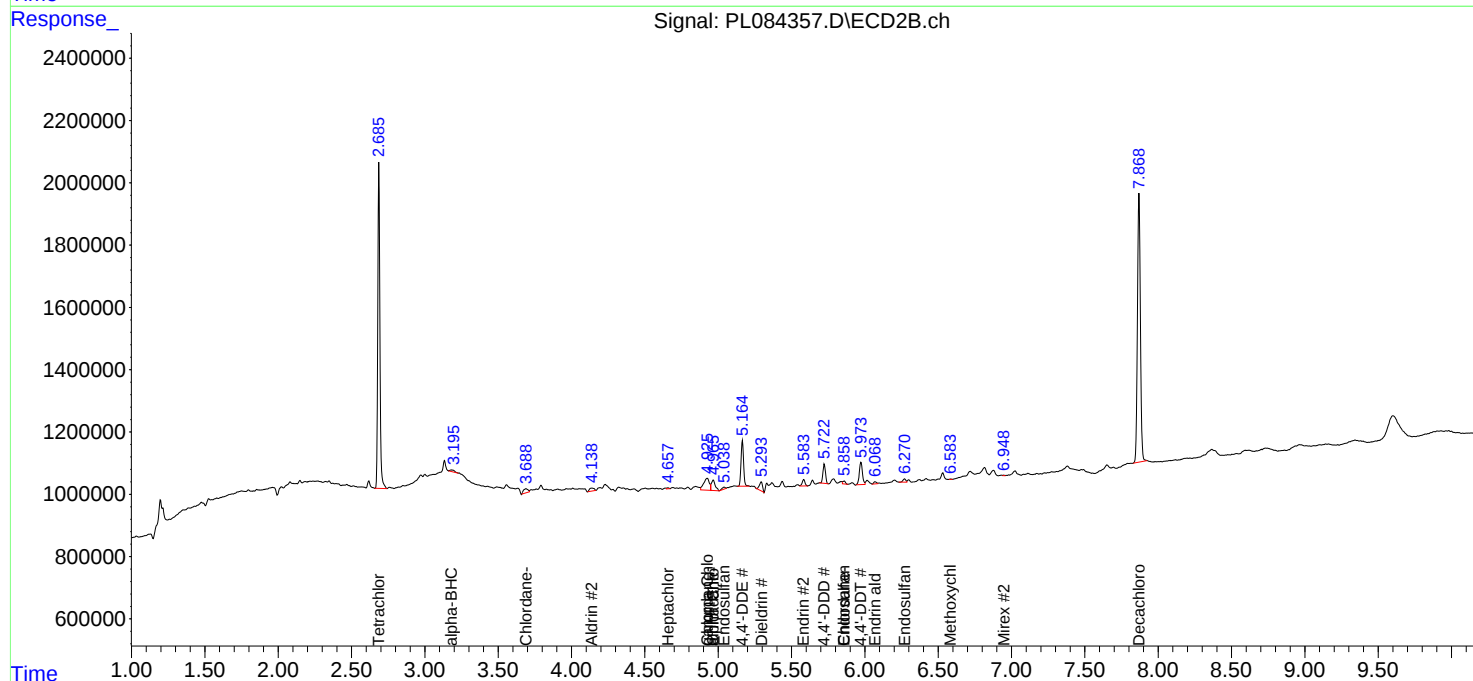
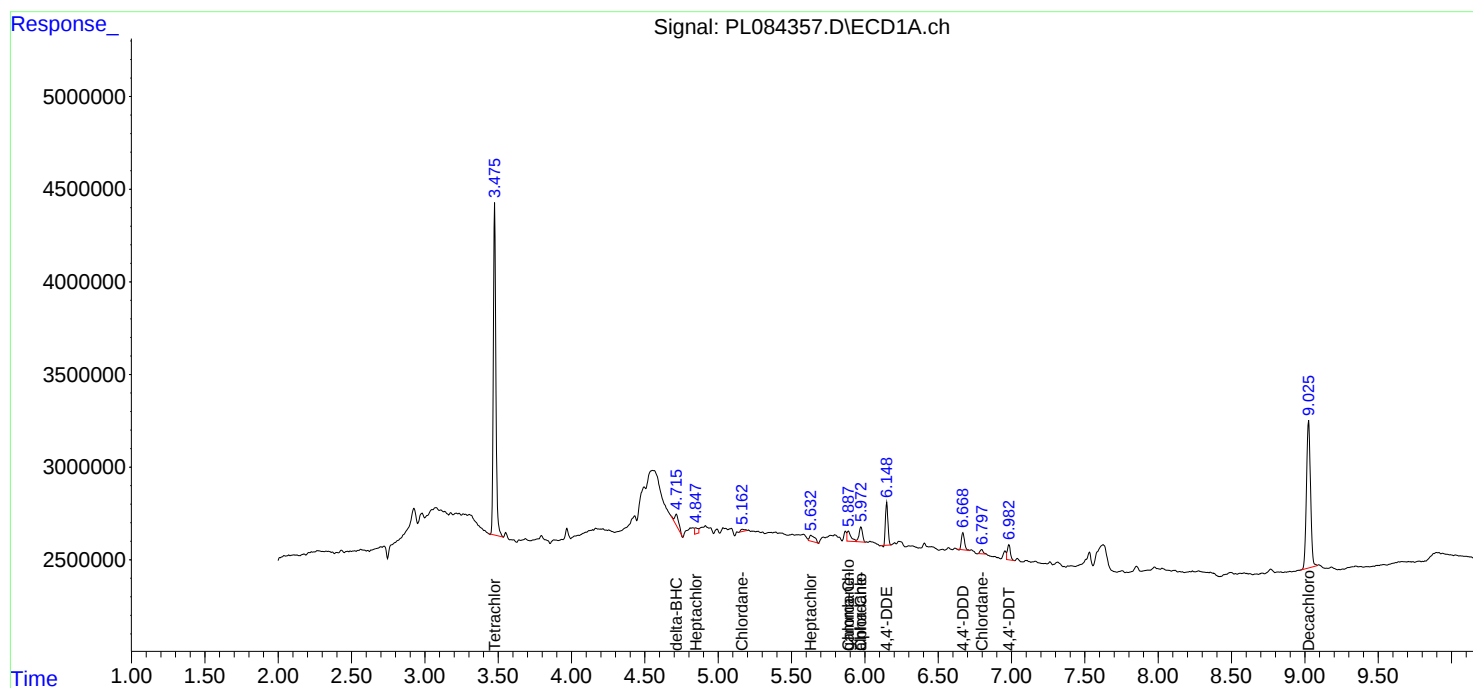
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

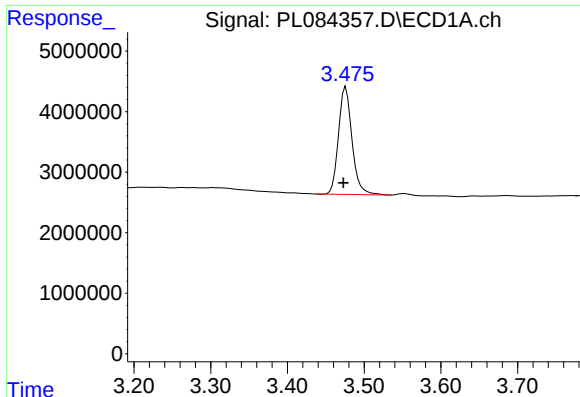
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072823\  
Data File : PL084357.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2023 21:57  
Operator : AR\AJ  
Sample : 03810-12  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 22:44:50 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 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

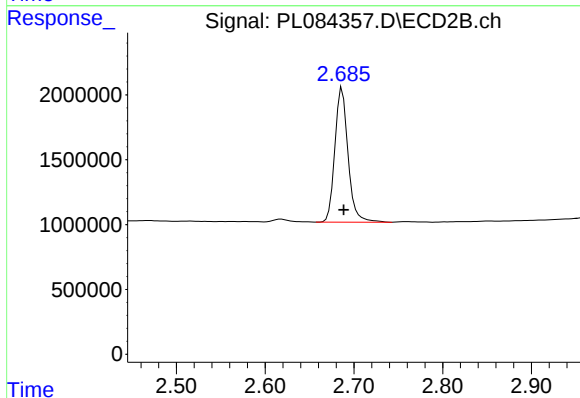




#1 Tetrachloro-m-xylene

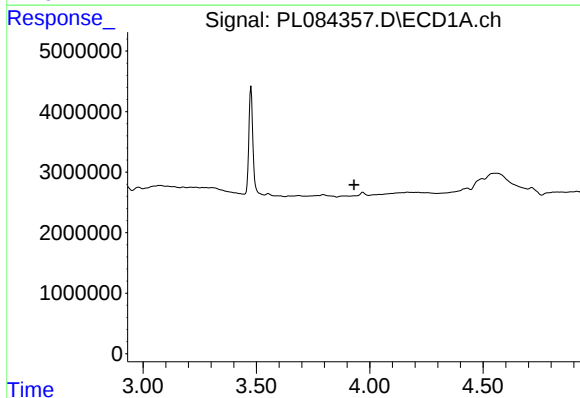
R.T.: 3.476 min  
Delta R.T.: 0.003 min  
Response: 21817215  
Conc: 10.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



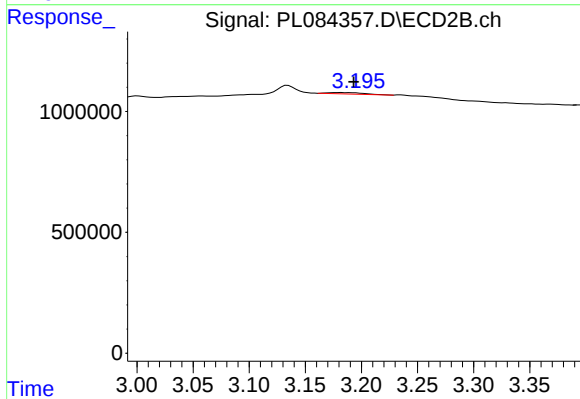
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.002 min  
Response: 10691781  
Conc: 9.63 ng/ml



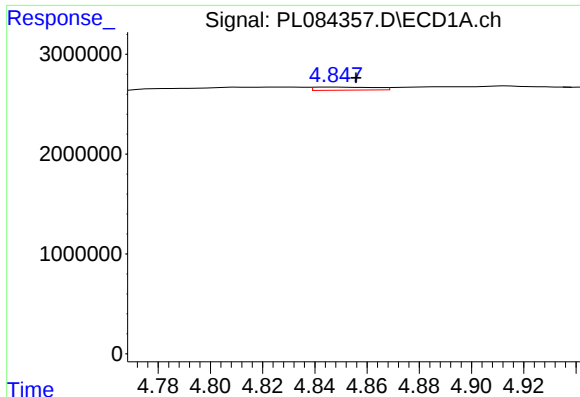
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.930 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

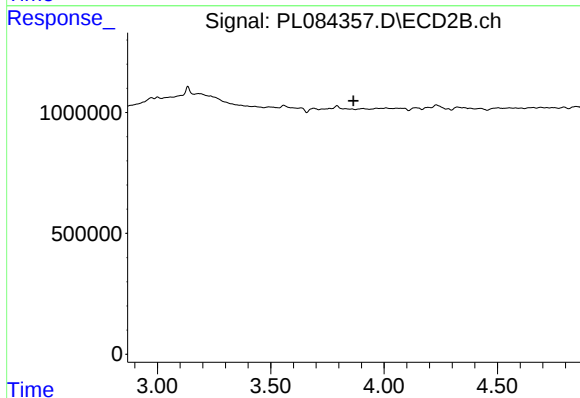
R.T.: 3.182 min  
Delta R.T.: -0.011 min  
Response: 119574  
Conc: 0.07 ng/ml



#4 Heptachlor

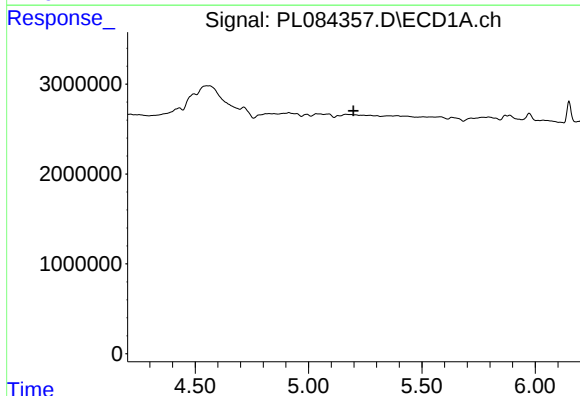
R.T.: 4.848 min  
Delta R.T.: -0.008 min  
Response: 506303  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



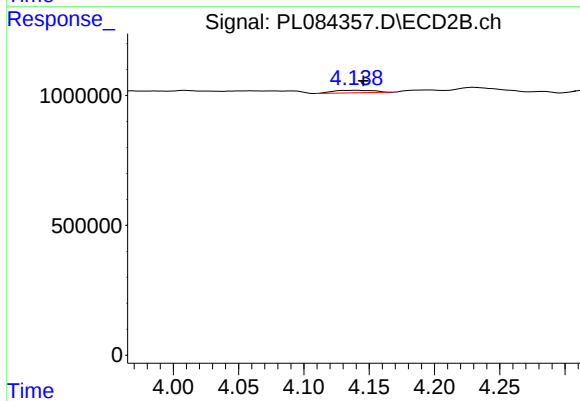
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 3.865 min  
Response: 0  
Conc: N.D.



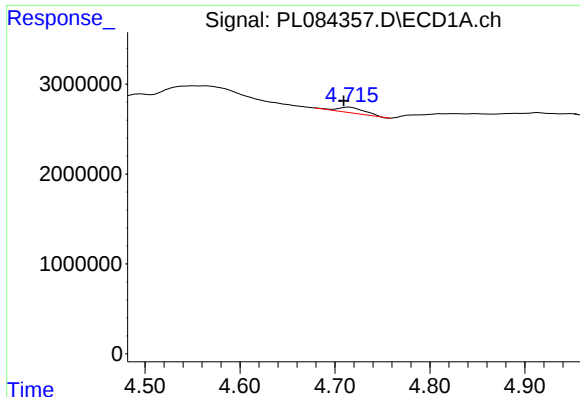
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.199 min  
Response: 0  
Conc: N.D.



#5 Aldrin

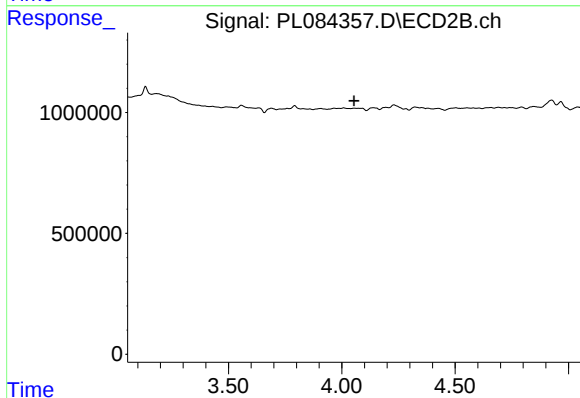
R.T.: 4.140 min  
Delta R.T.: -0.005 min  
Response: 216877  
Conc: 0.14 ng/ml



#7 delta-BHC

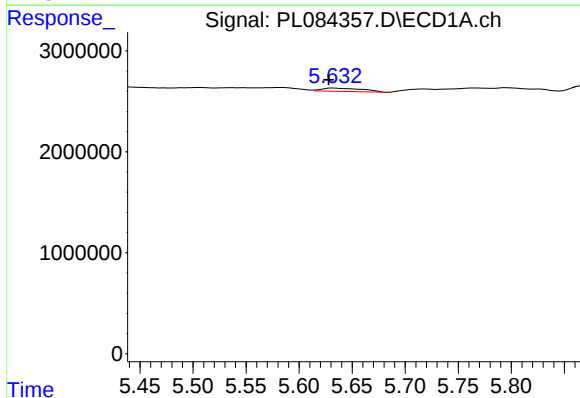
R.T.: 4.715 min  
Delta R.T.: 0.006 min  
Response: 1297756  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



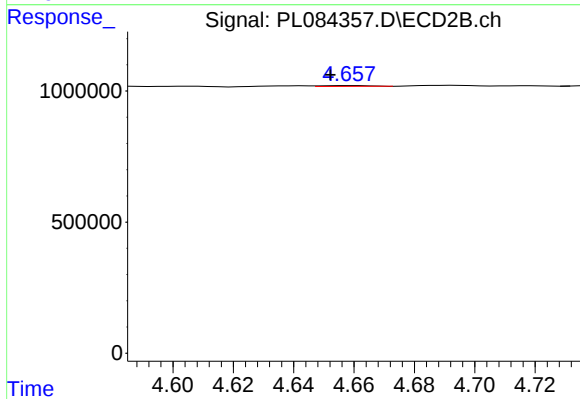
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.054 min  
Response: 0  
Conc: N.D.



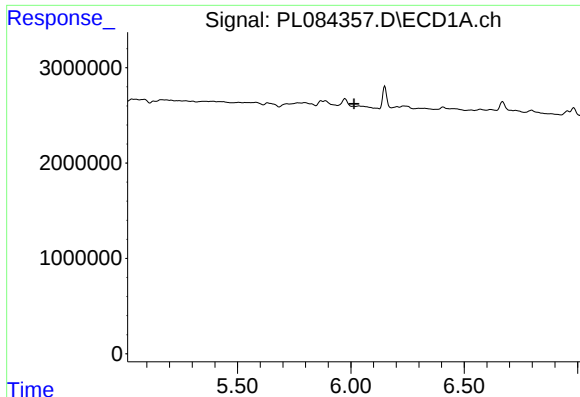
#8 Heptachlor epoxide

R.T.: 5.632 min  
Delta R.T.: 0.004 min  
Response: 829405  
Conc: 0.31 ng/ml



#8 Heptachlor epoxide

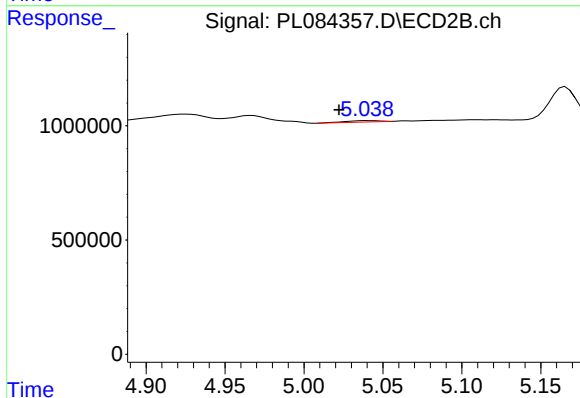
R.T.: 4.659 min  
Delta R.T.: 0.006 min  
Response: 33934  
Conc: 0.03 ng/ml



#9 Endosulfan I

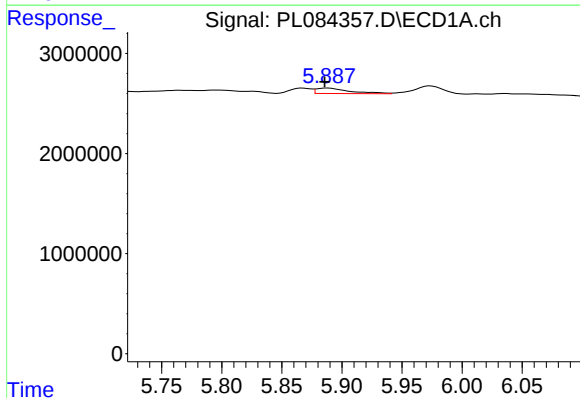
R.T.: 0.000 min  
Exp R.T.: 6.014 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



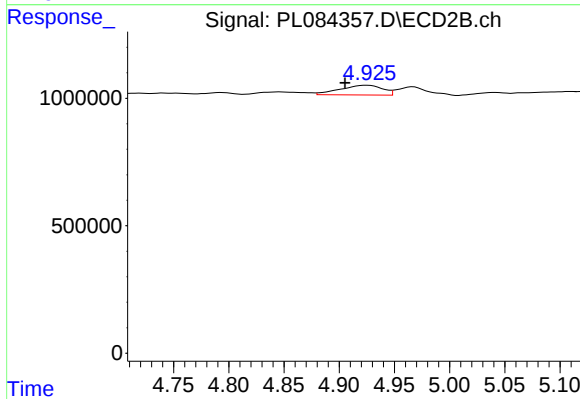
#9 Endosulfan I

R.T.: 5.040 min  
Delta R.T.: 0.018 min  
Response: 94030  
Conc: 0.08 ng/ml



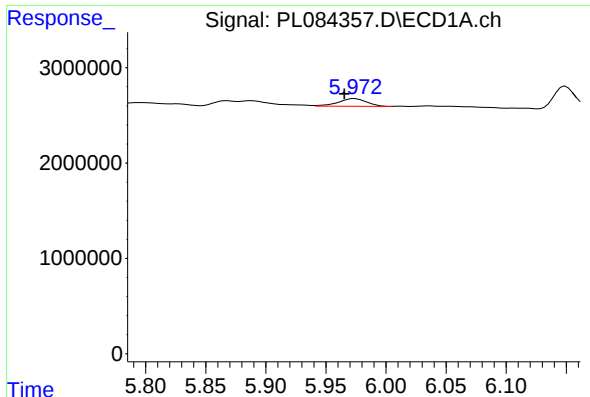
#10 gamma-Chlordane

R.T.: 5.888 min  
Delta R.T.: 0.003 min  
Response: 1050407  
Conc: 0.41 ng/ml



#10 gamma-Chlordane

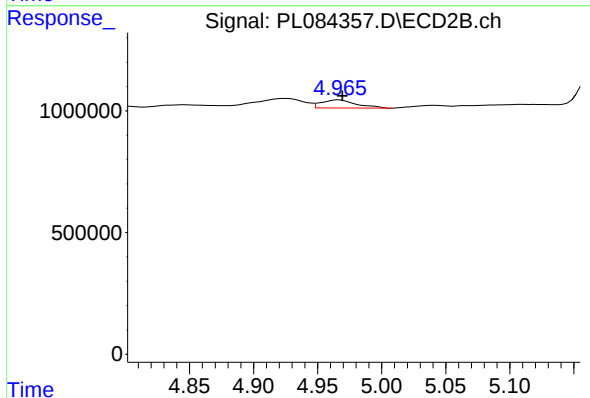
R.T.: 4.926 min  
Delta R.T.: 0.021 min  
Response: 1014596  
Conc: 0.76 ng/ml



#11 alpha-Chlordane

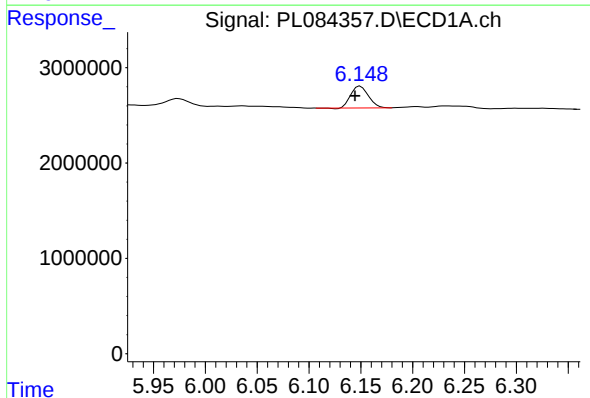
R.T.: 5.974 min  
Delta R.T.: 0.008 min  
Response: 1310549  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



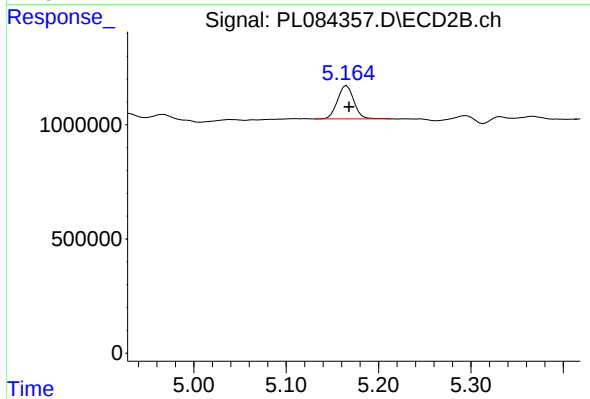
#11 alpha-Chlordane

R.T.: 4.967 min  
Delta R.T.: -0.003 min  
Response: 625214  
Conc: 0.46 ng/ml



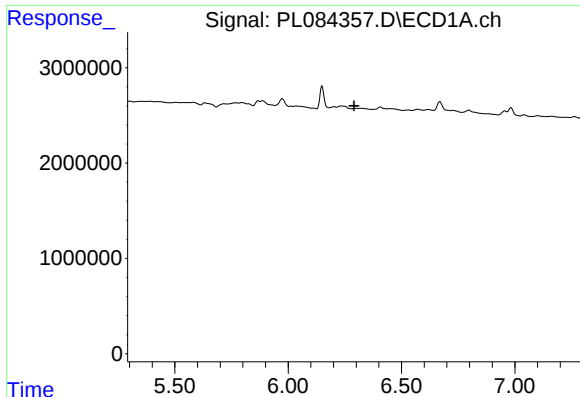
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.005 min  
Response: 2678275  
Conc: 1.33 ng/ml



#12 4,4'-DDE

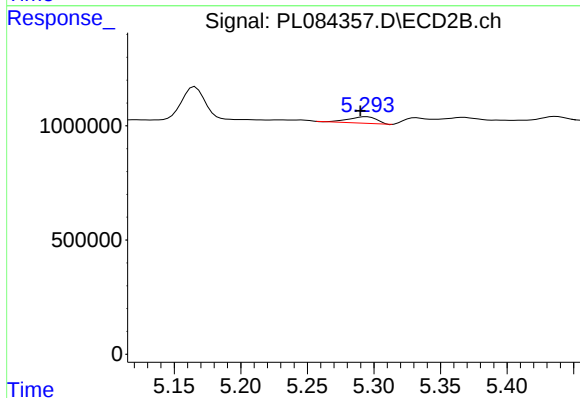
R.T.: 5.166 min  
Delta R.T.: -0.002 min  
Response: 1794368  
Conc: 1.46 ng/ml



#13 Dieldrin

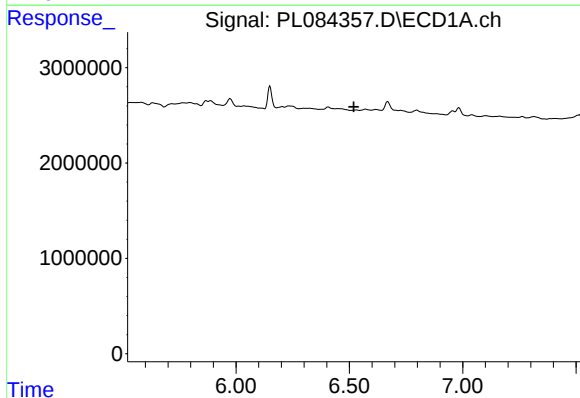
R.T.: 0.000 min  
Exp R.T. : 6.291 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



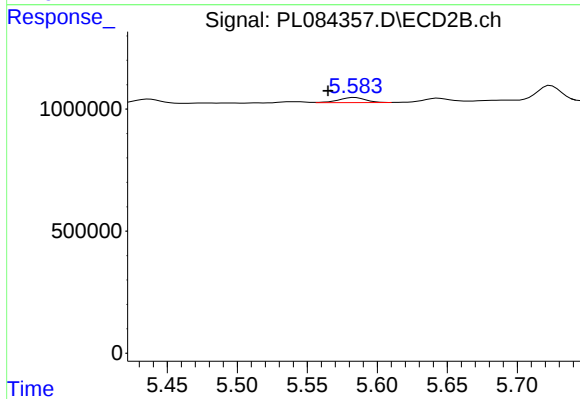
#13 Dieldrin

R.T.: 5.295 min  
Delta R.T.: 0.005 min  
Response: 418189  
Conc: 0.32 ng/ml



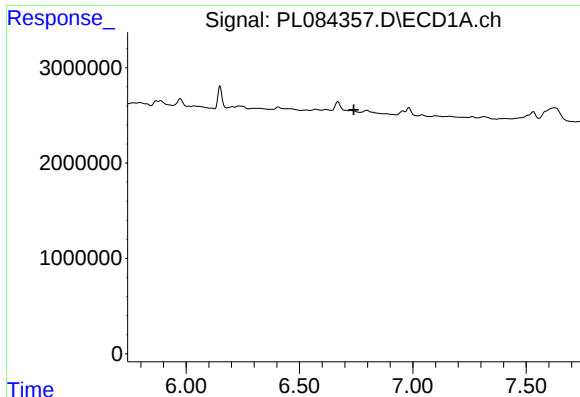
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.520 min  
Response: 0  
Conc: N.D.



#14 Endrin

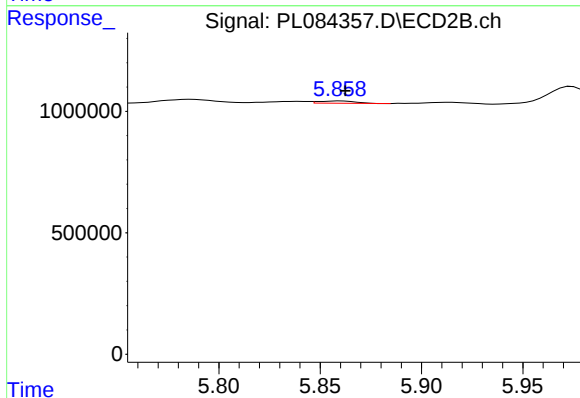
R.T.: 5.584 min  
Delta R.T.: 0.019 min  
Response: 276373  
Conc: 0.25 ng/ml



#15 Endosulfan II

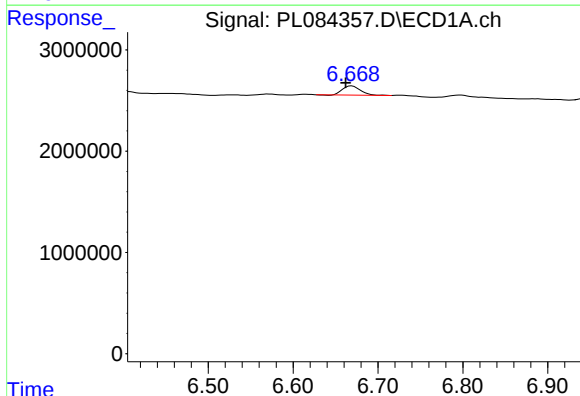
R.T.: 0.000 min  
Exp R.T.: 6.740 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



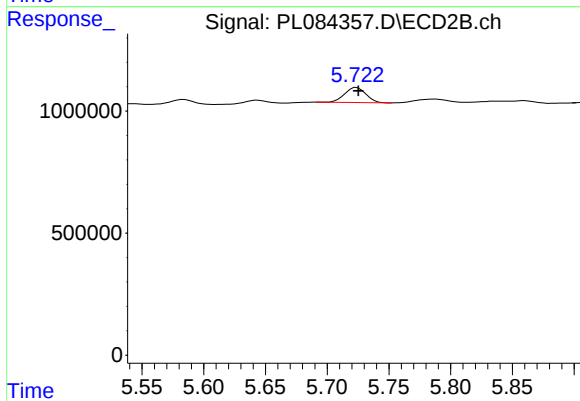
#15 Endosulfan II

R.T.: 5.860 min  
Delta R.T.: -0.003 min  
Response: 119206  
Conc: 0.10 ng/ml



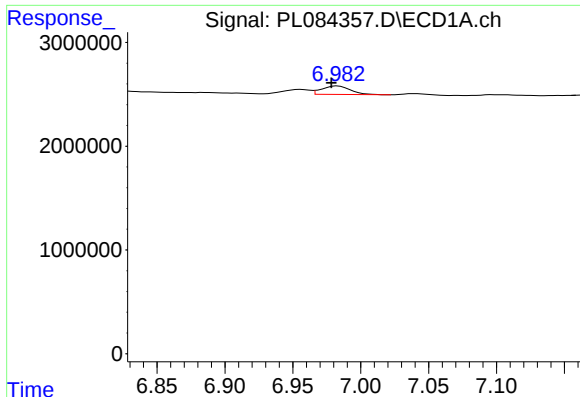
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: 0.007 min  
Response: 1356114  
Conc: 0.92 ng/ml



#16 4,4'-DDD

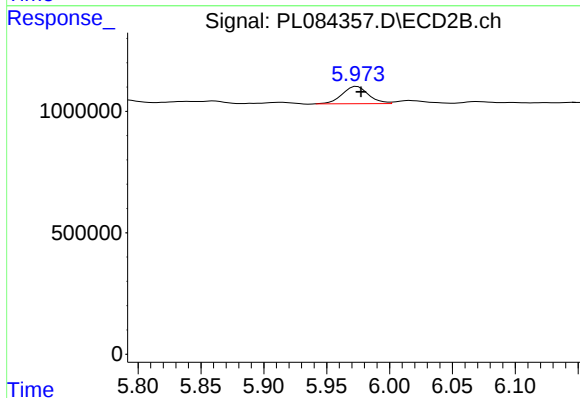
R.T.: 5.724 min  
Delta R.T.: -0.001 min  
Response: 738828  
Conc: 0.77 ng/ml



#17 4,4'-DDT

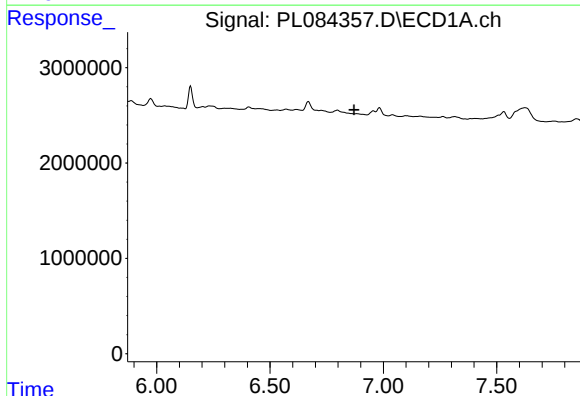
R.T.: 6.983 min  
Delta R.T.: 0.005 min  
Response: 1165028  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



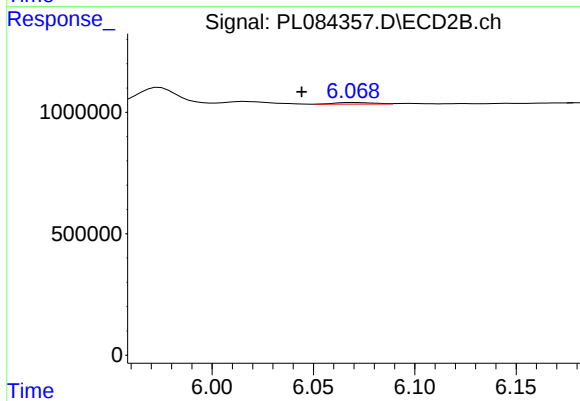
#17 4,4'-DDT

R.T.: 5.974 min  
Delta R.T.: -0.003 min  
Response: 1043683  
Conc: 1.15 ng/ml



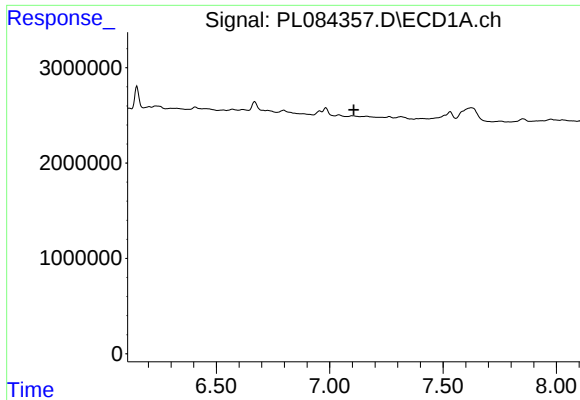
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.872 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

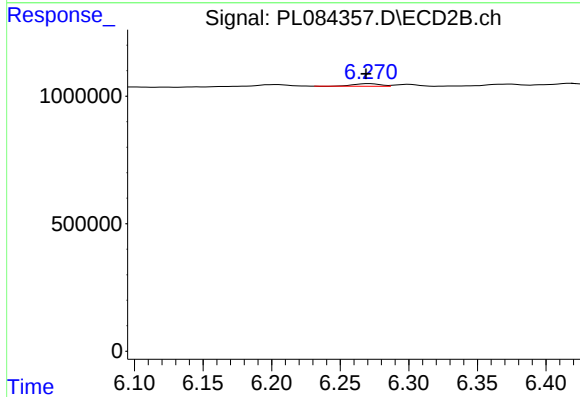
R.T.: 6.070 min  
Delta R.T.: 0.026 min  
Response: 87621  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

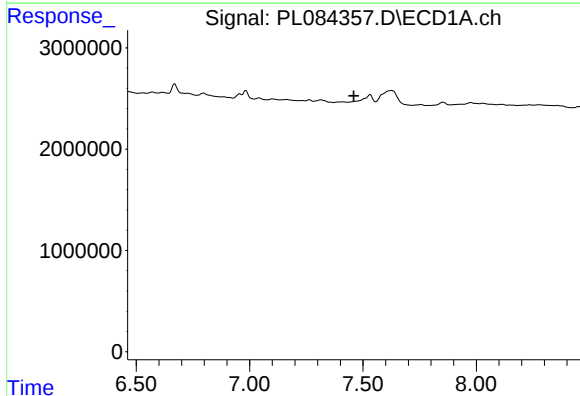
R.T.: 0.000 min  
Exp R.T. : 7.107 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



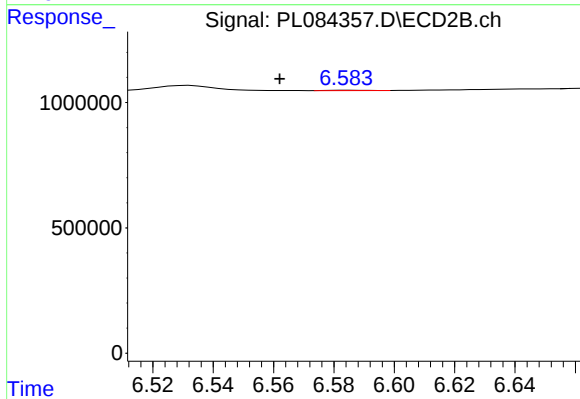
#19 Endosulfan Sulfate

R.T.: 6.272 min  
Delta R.T.: 0.003 min  
Response: 135804  
Conc: 0.12 ng/ml



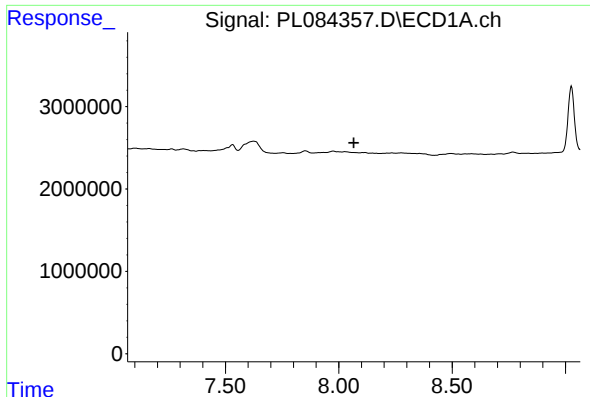
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.459 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

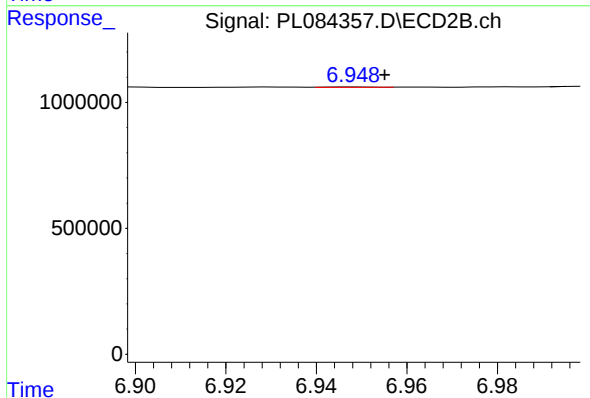
R.T.: 6.585 min  
Delta R.T.: 0.023 min  
Response: 11606  
Conc: 0.02 ng/ml



#22 Mirex

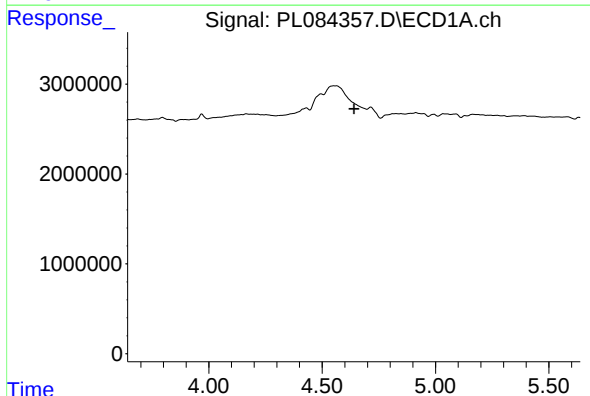
R.T.: 0.000 min  
Exp R.T.: 8.066 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



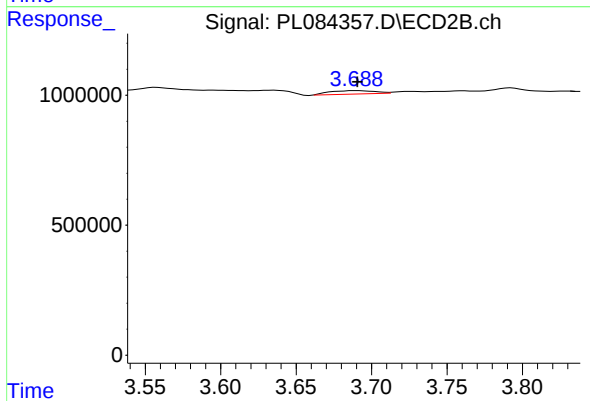
#22 Mirex

R.T.: 6.949 min  
Delta R.T.: -0.007 min  
Response: 10332  
Conc: 0.01 ng/ml



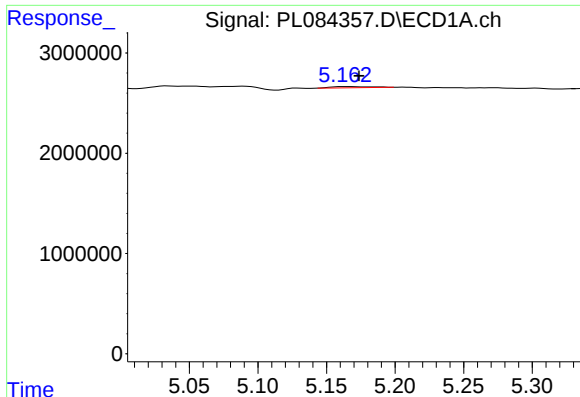
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.641 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

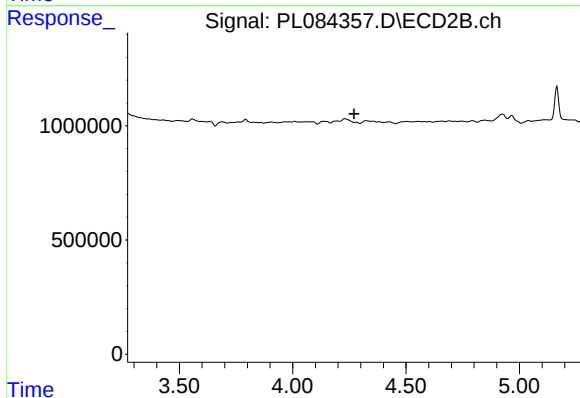
R.T.: 3.690 min  
Delta R.T.: 0.000 min  
Response: 280347  
Conc: 0.71 ng/ml



#24 Chlordane-2

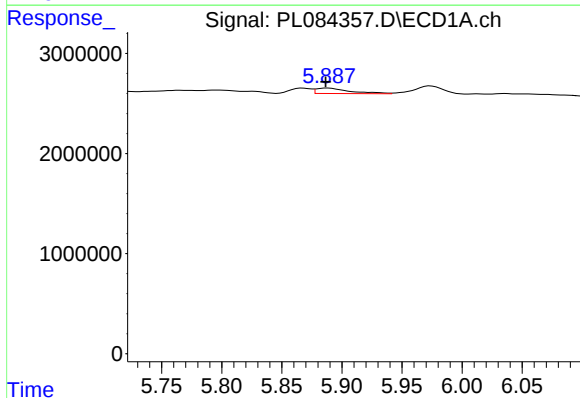
R.T.: 5.164 min  
Delta R.T.: -0.010 min  
Response: 238840  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



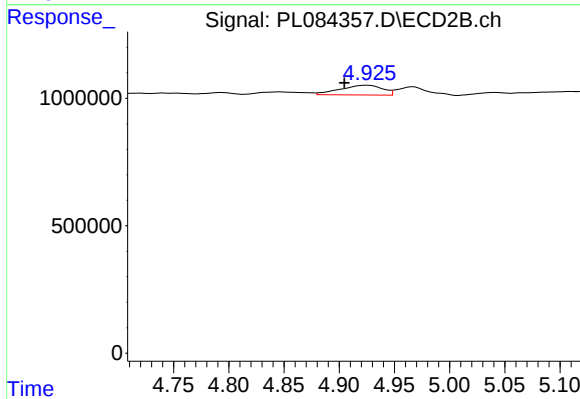
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.271 min  
Response: 0  
Conc: N.D.



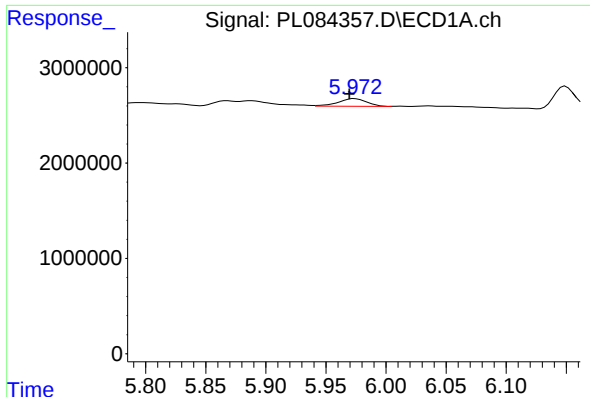
#25 Chlordane-3

R.T.: 5.888 min  
Delta R.T.: 0.002 min  
Response: 1050407  
Conc: 0.30 ng/ml



#25 Chlordane-3

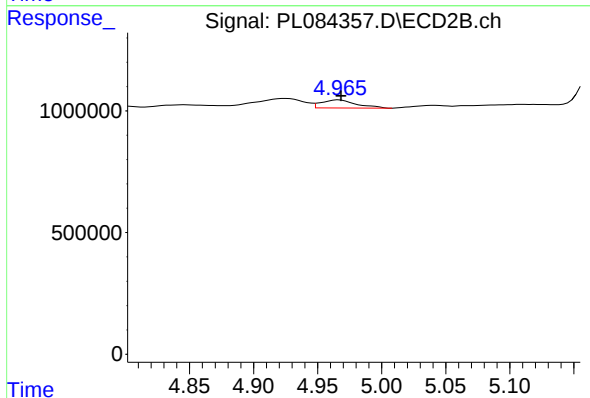
R.T.: 4.926 min  
Delta R.T.: 0.021 min  
Response: 1014596  
Conc: 0.74 ng/ml



#26 Chlordane-4

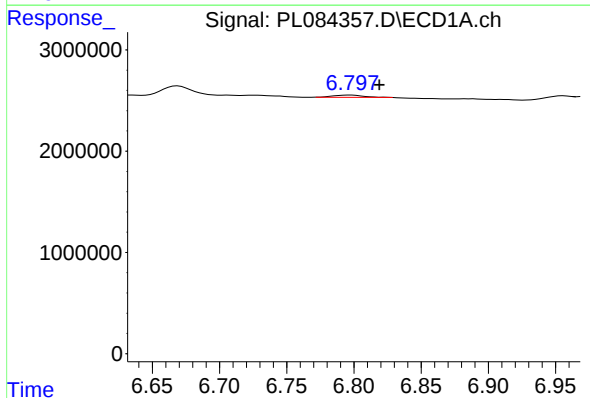
R.T.: 5.974 min  
Delta R.T.: 0.004 min  
Response: 1310549  
Conc: 0.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



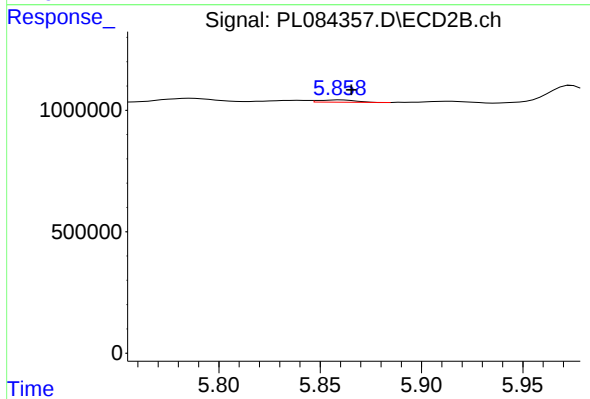
#26 Chlordane-4

R.T.: 4.967 min  
Delta R.T.: -0.001 min  
Response: 625214  
Conc: 0.44 ng/ml



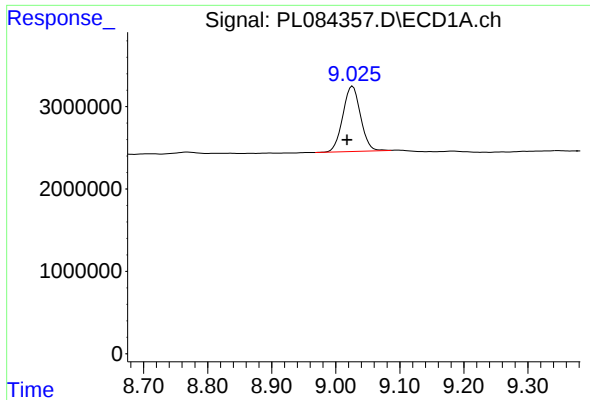
#27 Chlordane-5

R.T.: 6.798 min  
Delta R.T.: -0.021 min  
Response: 336028  
Conc: 0.55 ng/ml



#27 Chlordane-5

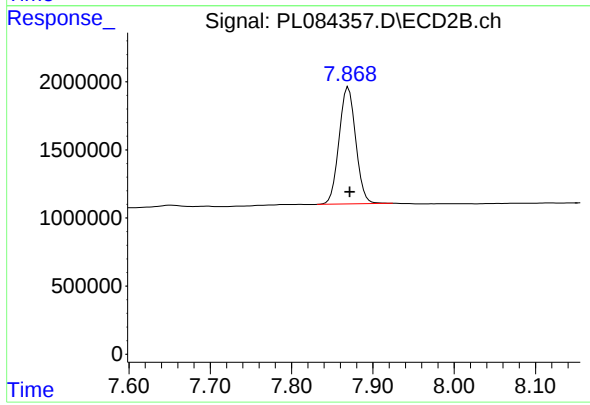
R.T.: 5.860 min  
Delta R.T.: -0.006 min  
Response: 119206  
Conc: 0.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.009 min  
Response: 15230182  
Conc: 11.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: -0.002 min  
Response: 12209754  
Conc: 10.99 ng/ml