

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123024\  
 Data File : PL093557.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Dec 2024 10:20  
 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 31 02:19:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 24 15:29:41 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|--------|----------|----------|---------|---------|
| -----                       |                 |       |        |          |          |         |         |
| System Monitoring Compounds |                 |       |        |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.537 | 2.773  | 62747471 | 70105086 | 25.345  | 24.081  |
| 28)                         | SA Decachlor... | 9.059 | 7.914  | 44813545 | 69708756 | 24.236  | 23.346  |
| Target Compounds            |                 |       |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.994 | 3.276  | 46383984 | 50153063 | 13.435  | 11.538  |
| 3)                          | MA gamma-BHC... | 4.326 | 3.606  | 43204629 | 47274323 | 13.174  | 11.204  |
| 4)                          | MA Heptachlor   | 0.000 | 3.967f | 0        | 113733   | N.D.    | 0.027 # |
| 5)                          | MB Aldrin       | 0.000 | 4.220  | 0        | 196094   | N.D.    | 0.048 # |
| 6)                          | B beta-BHC      | 4.525 | 3.907  | 19382156 | 22986775 | 13.445  | 12.788  |
| 7)                          | B delta-BHC     | 0.000 | 4.137  | 0        | 154640   | N.D.    | 0.037 # |
| 8)                          | B Heptachlo...  | 0.000 | 4.729  | 0        | 3131     | N.D.    | 0.001 # |
| 9)                          | A Endosulfan I  | 0.000 | 5.088  | 0        | 207206   | N.D.    | 0.059 # |
| 10)                         | B gamma-Chl...  | 0.000 | 4.986  | 0        | 1047116  | N.D.    | 0.272 # |
| 11)                         | B alpha-Chl...  | 0.000 | 5.053  | 0        | 892056   | N.D.    | 0.234 # |
| 12)                         | B 4,4'-DDE      | 0.000 | 5.230  | 0        | 496658   | N.D.    | 0.135 # |
| 13)                         | MA Dieldrin     | 0.000 | 5.363  | 0        | 123357   | N.D.    | 0.032 # |
| 14)                         | MA Endrin       | 6.576 | 5.638  | 112.2E6  | 187.1E6  | 52.150  | 56.563  |
| 15)                         | B Endosulfa...  | 0.000 | 5.946  | 0        | 337237   | N.D.    | 0.104 # |
| 16)                         | A 4,4'-DDD      | 6.711 | 5.787  | 6033205  | 8279201  | 3.436   | 2.925   |
| 17)                         | MA 4,4'-DDT     | 7.026 | 6.037  | 207.0E6  | 384.3E6  | 112.006 | 127.253 |
| 18)                         | B Endrin al...  | 6.926 | 6.113  | 4463013  | 7037855  | 2.515   | 2.613   |
| 20)                         | A Methoxychlor  | 7.502 | 6.612  | 251.3E6  | 443.7E6  | 251.382 | 275.670 |
| 21)                         | B Endrin ke...  | 7.646 | 6.840  | 8199864  | 12205640 | 3.654   | 3.353   |
| 23)                         | Chlordane-1     | 0.000 | 3.764  | 0        | 39233    | N.D.    | 0.325 # |
| 24)                         | Chlordane-2     | 0.000 | 4.374f | 0        | 114260   | N.D.    | 0.823 # |
| 25)                         | Chlordane-3     | 0.000 | 4.986  | 0        | 1047116  | N.D.    | 2.468 # |
| 26)                         | Chlordane-4     | 0.000 | 5.053  | 0        | 892056   | N.D.    | 2.169 # |
| 27)                         | Chlordane-5     | 0.000 | 5.946  | 0        | 337237   | N.D.    | 2.533 # |
| -----                       |                 |       |        |          |          |         |         |

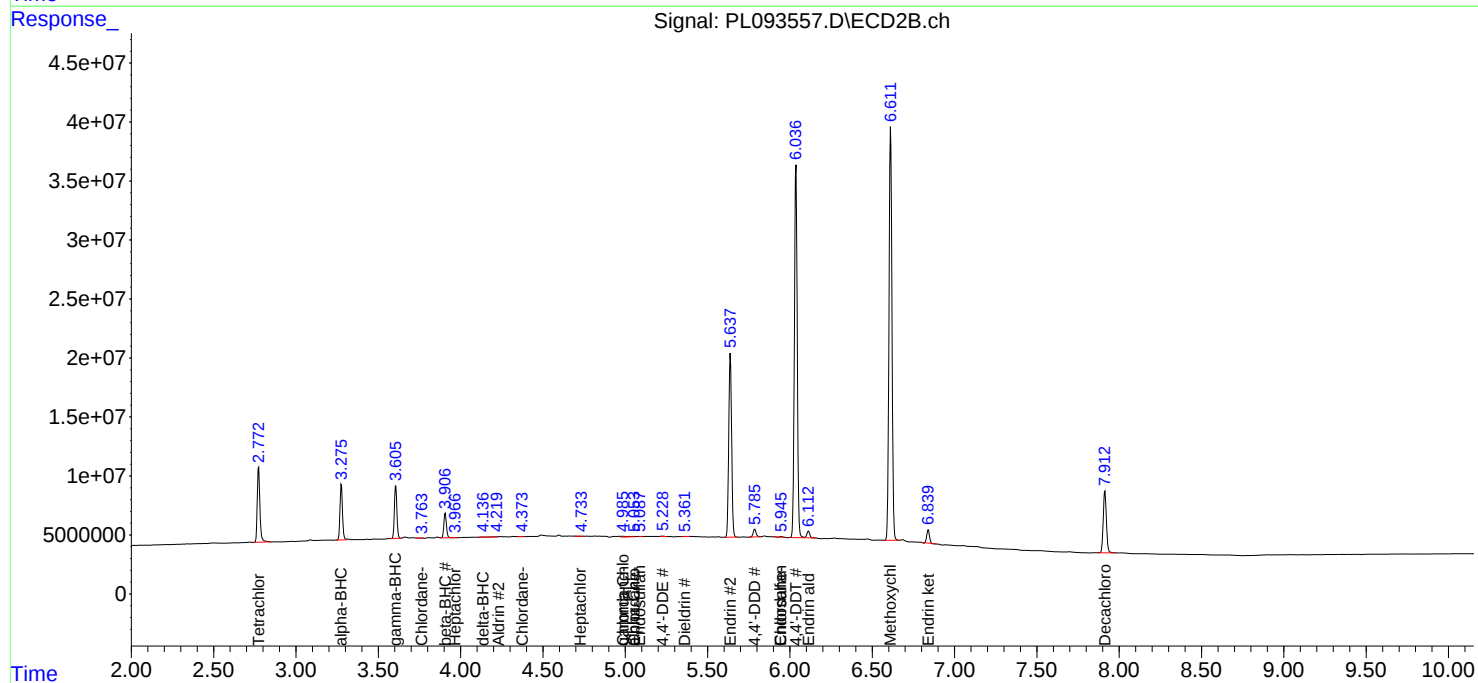
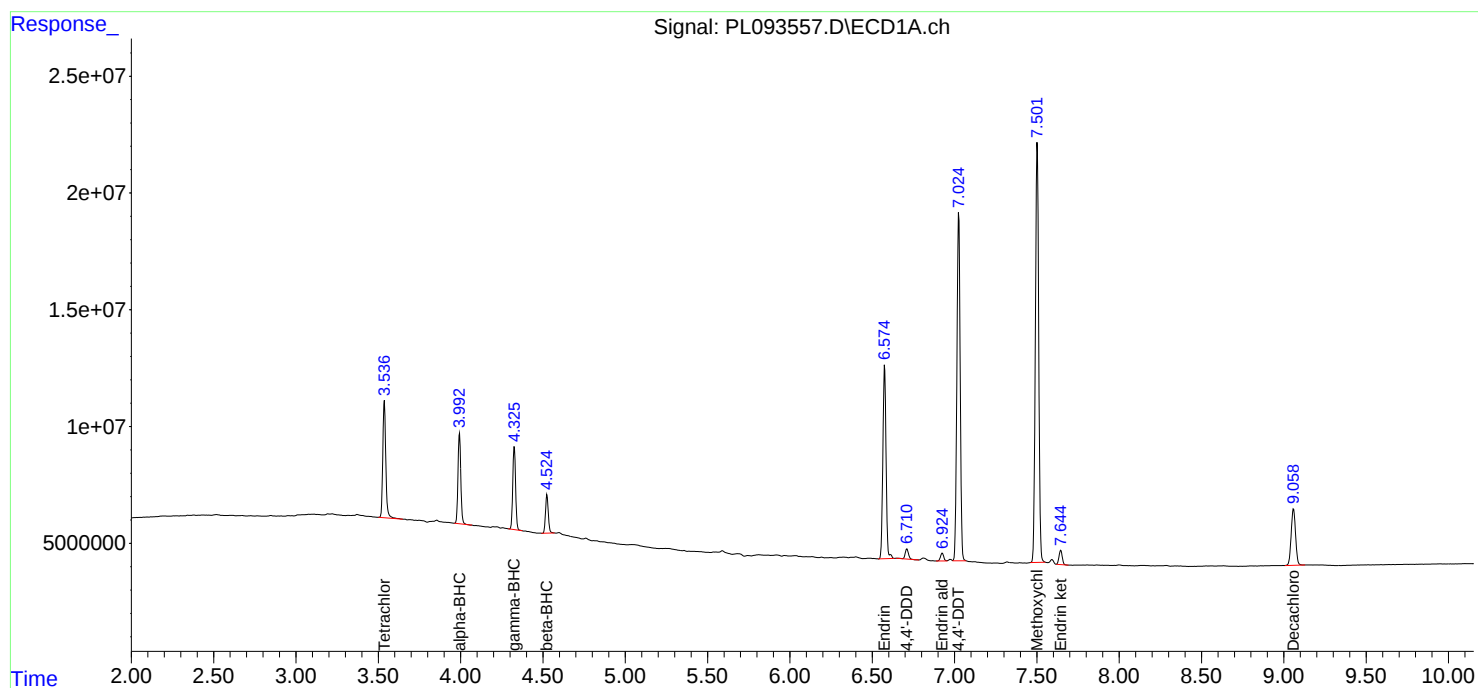
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

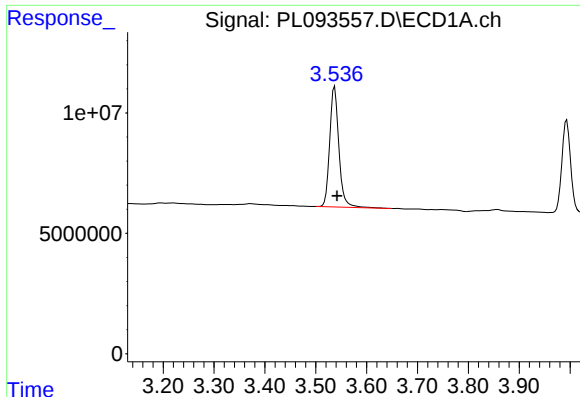
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123024\  
Data File : PL093557.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Dec 2024 10:20  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 31 02:19:30 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 24 15:29:41 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

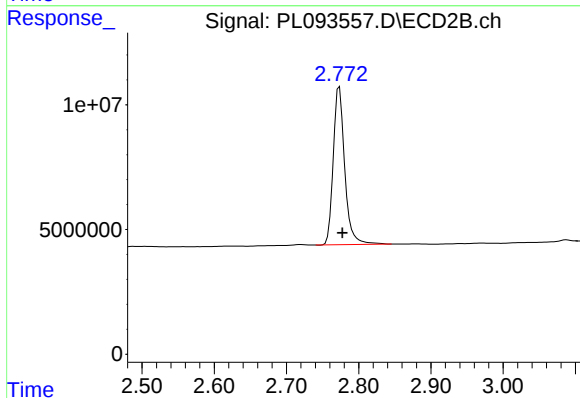




#1 Tetrachloro-m-xylene

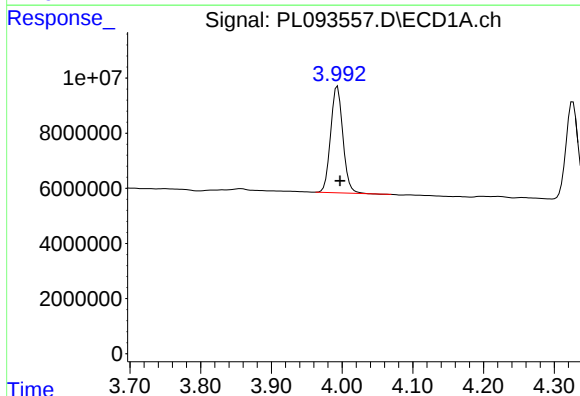
R.T.: 3.537 min  
Delta R.T.: -0.005 min  
Response: 62747471  
Conc: 25.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



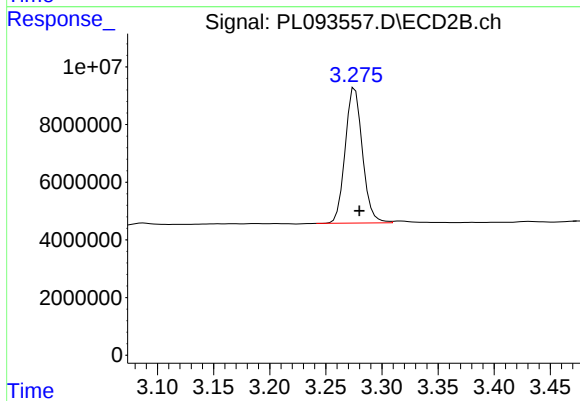
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.004 min  
Response: 70105086  
Conc: 24.08 ng/ml



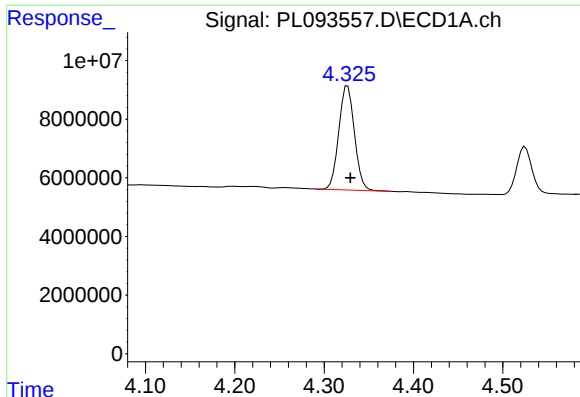
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.004 min  
Response: 46383984  
Conc: 13.44 ng/ml



#2 alpha-BHC

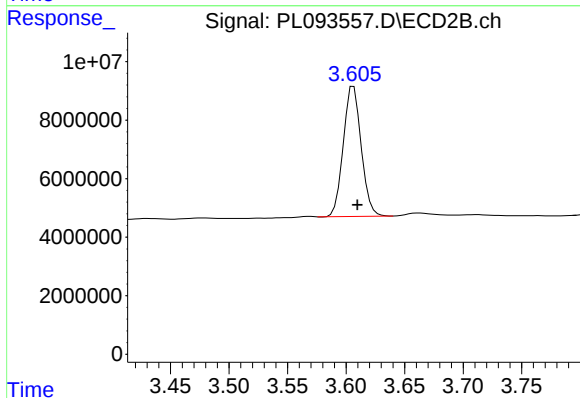
R.T.: 3.276 min  
Delta R.T.: -0.004 min  
Response: 50153063  
Conc: 11.54 ng/ml



#3 gamma-BHC (Lindane)

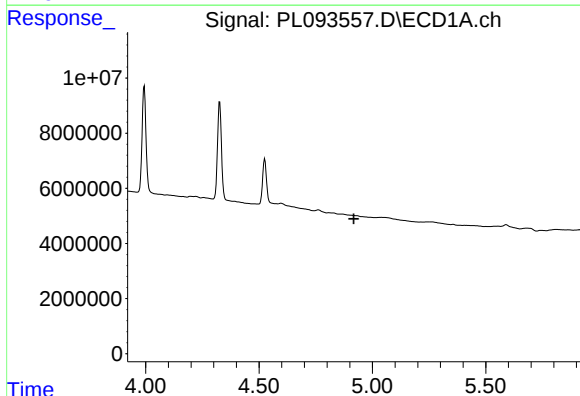
R.T.: 4.326 min  
Delta R.T.: -0.003 min  
Response: 43204629  
Conc: 13.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



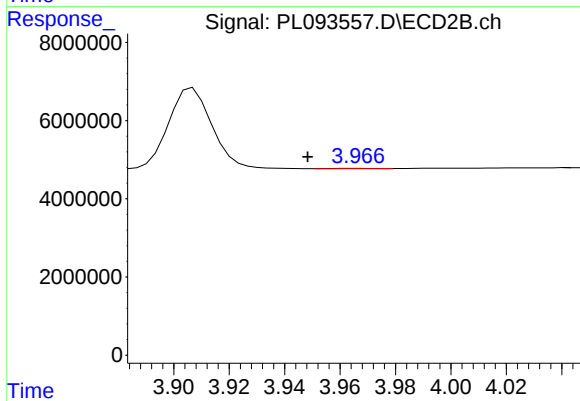
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: -0.003 min  
Response: 47274323  
Conc: 11.20 ng/ml



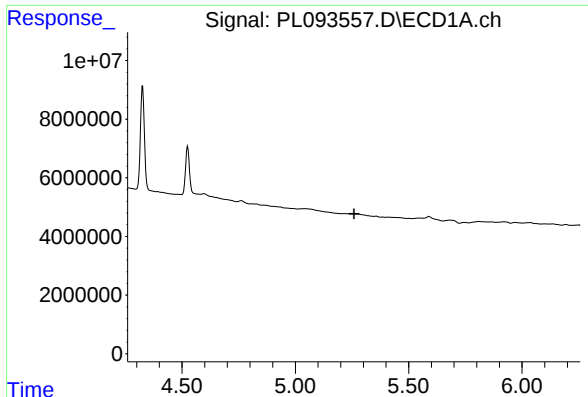
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.918 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

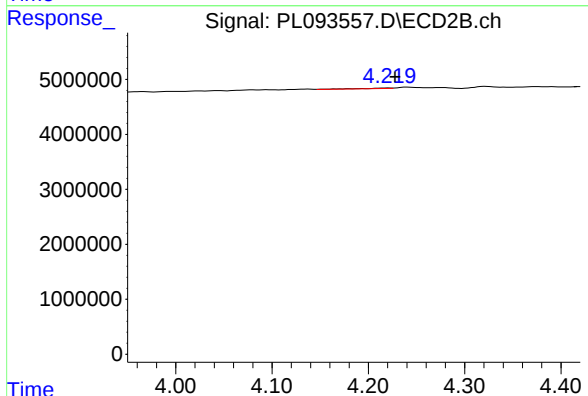
R.T.: 3.967 min  
Delta R.T.: 0.019 min  
Response: 113733  
Conc: 0.03 ng/ml



#5 Aldrin

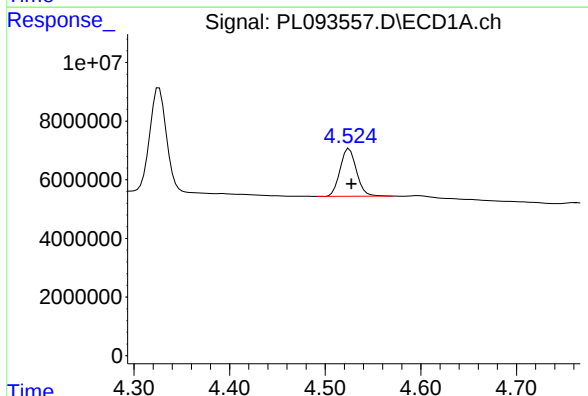
R.T.: 0.000 min  
Exp R.T.: 5.259 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



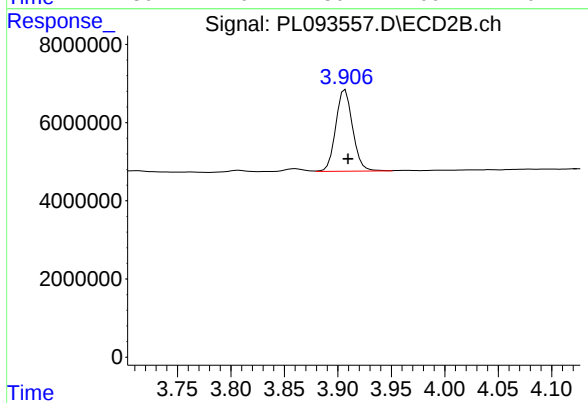
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: -0.007 min  
Response: 196094  
Conc: 0.05 ng/ml



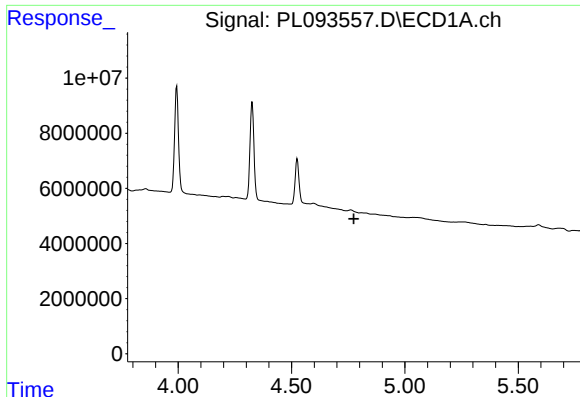
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: -0.002 min  
Response: 19382156  
Conc: 13.44 ng/ml



#6 beta-BHC

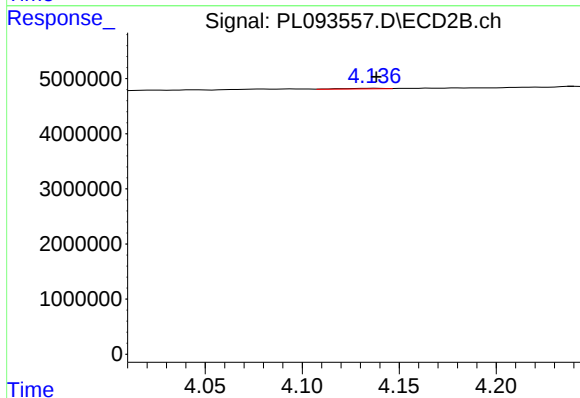
R.T.: 3.907 min  
Delta R.T.: -0.003 min  
Response: 22986775  
Conc: 12.79 ng/ml



#7 delta-BHC

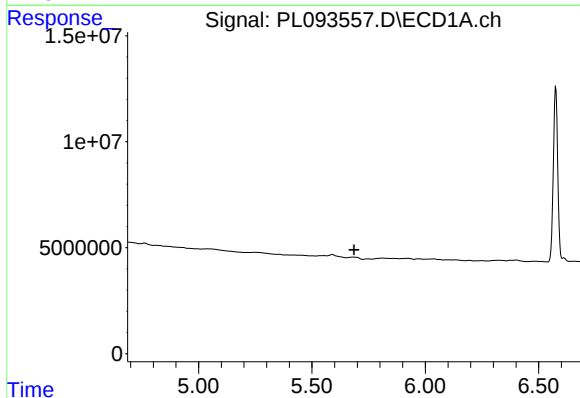
R.T.: 0.000 min  
Exp R.T.: 4.775 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



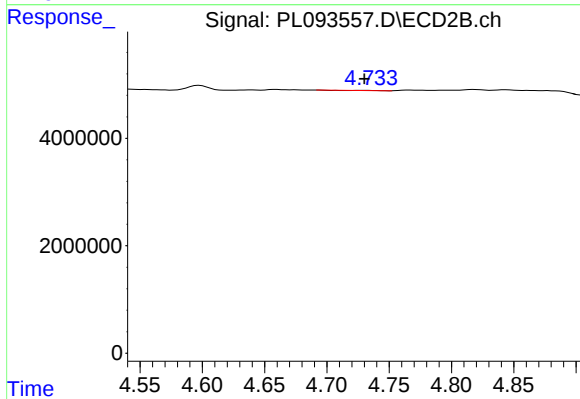
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: -0.001 min  
Response: 154640  
Conc: 0.04 ng/ml



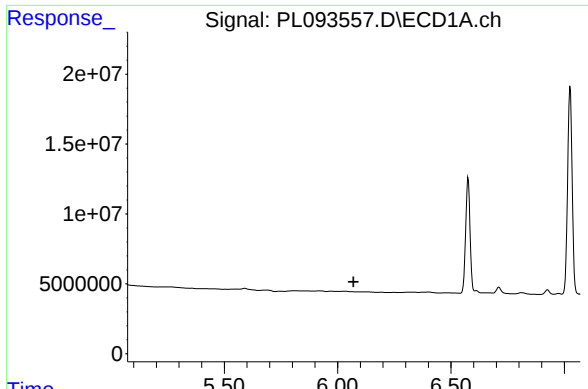
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.686 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

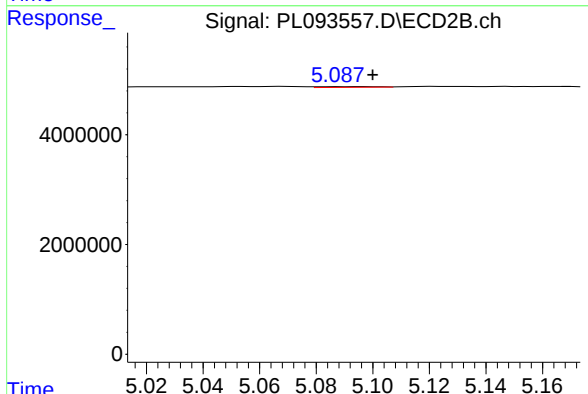
R.T.: 4.729 min  
Delta R.T.: -0.002 min  
Response: 3131  
Conc: 0.00 ng/ml



#9 Endosulfan I

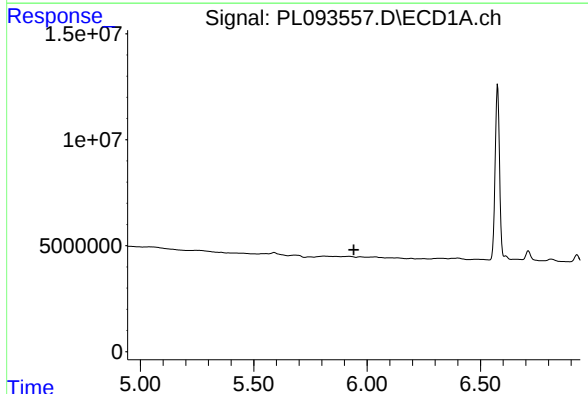
R.T.: 0.000 min  
Exp R.T.: 6.071 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



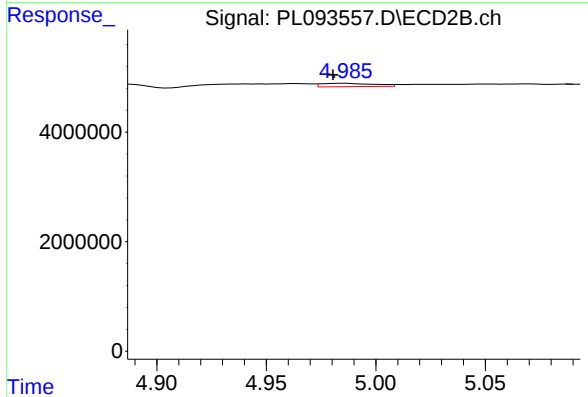
#9 Endosulfan I

R.T.: 5.088 min  
Delta R.T.: -0.012 min  
Response: 207206  
Conc: 0.06 ng/ml



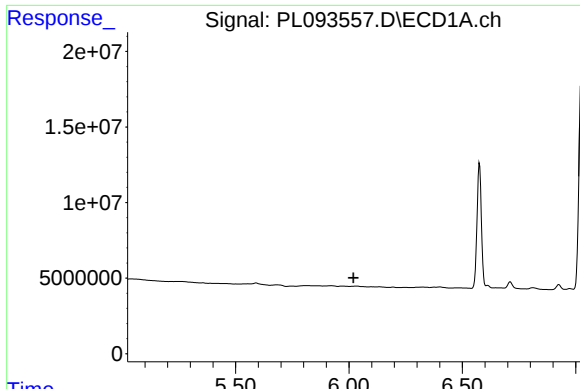
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

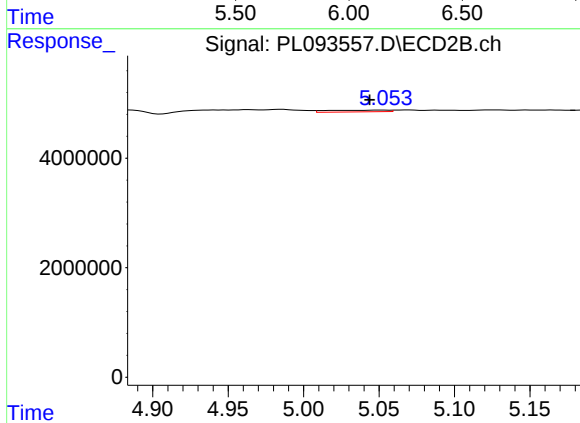
R.T.: 4.986 min  
Delta R.T.: 0.005 min  
Response: 1047116  
Conc: 0.27 ng/ml



#11 alpha-Chlordane

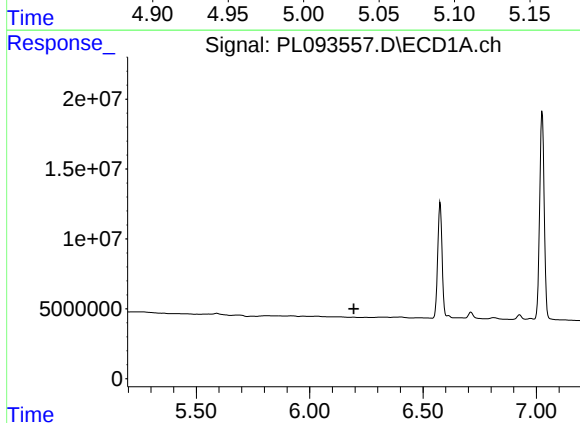
R.T.: 0.000 min  
Exp R.T.: 6.020 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



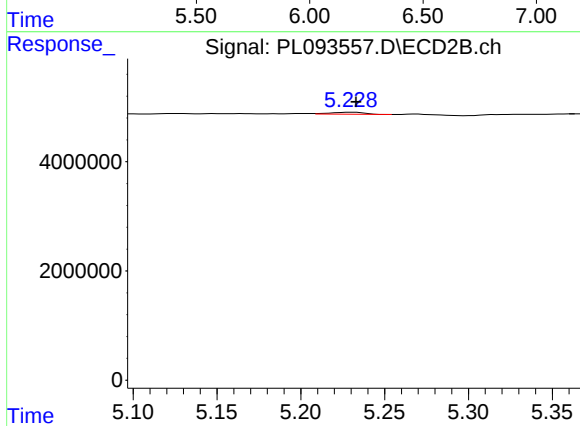
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: 0.010 min  
Response: 892056  
Conc: 0.23 ng/ml



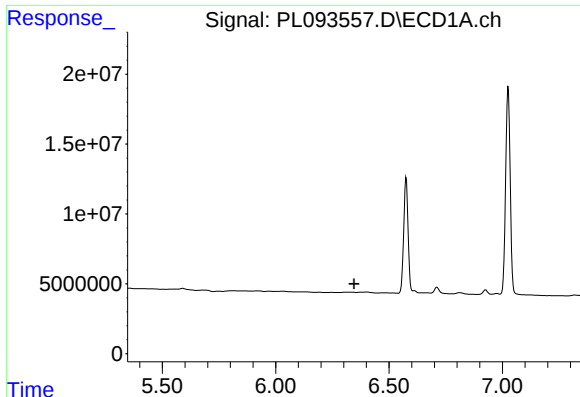
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.194 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

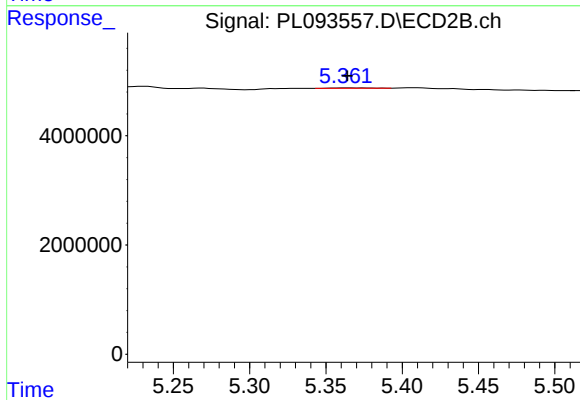
R.T.: 5.230 min  
Delta R.T.: -0.003 min  
Response: 496658  
Conc: 0.14 ng/ml



#13 Dieldrin

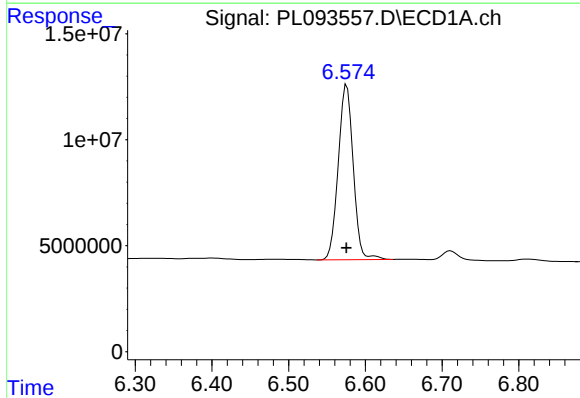
R.T.: 0.000 min  
Exp R.T.: 6.346 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



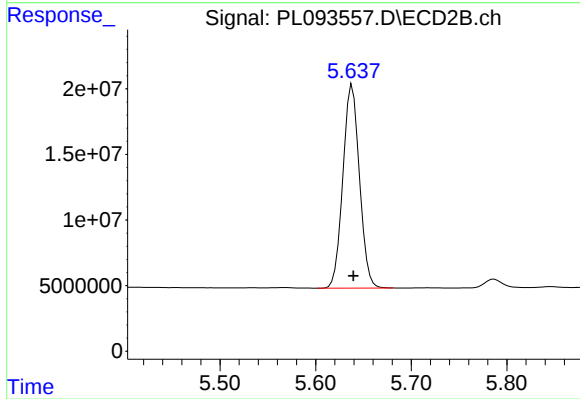
#13 Dieldrin

R.T.: 5.363 min  
Delta R.T.: 0.000 min  
Response: 123357  
Conc: 0.03 ng/ml



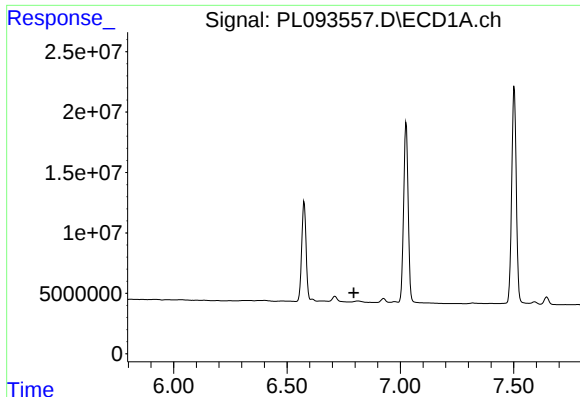
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 112249524  
Conc: 52.15 ng/ml



#14 Endrin

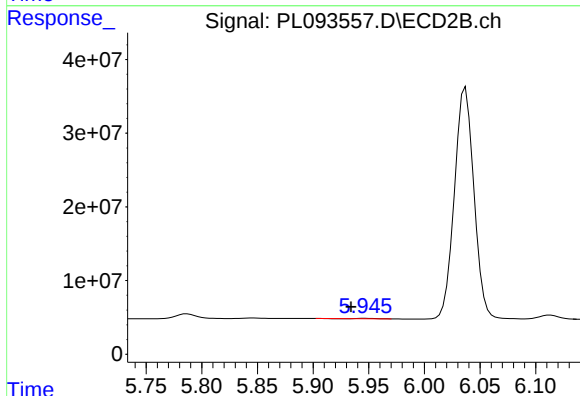
R.T.: 5.638 min  
Delta R.T.: -0.001 min  
Response: 187127700  
Conc: 56.56 ng/ml



#15 Endosulfan II

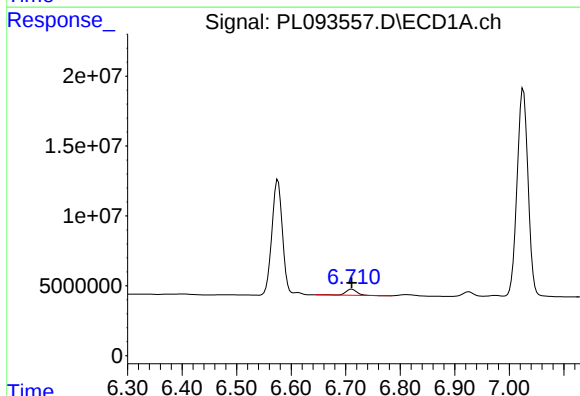
R.T.: 0.000 min  
Exp R.T.: 6.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



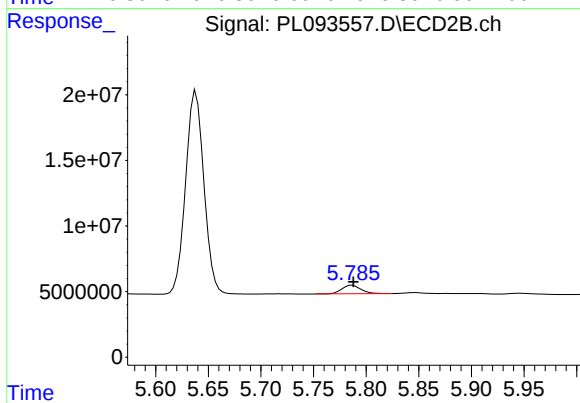
#15 Endosulfan II

R.T.: 5.946 min  
Delta R.T.: 0.012 min  
Response: 337237  
Conc: 0.10 ng/ml



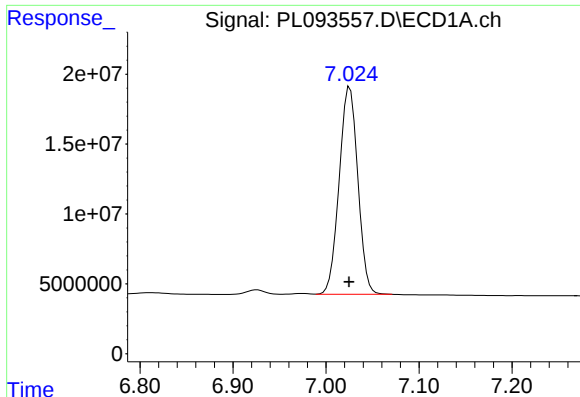
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 6033205  
Conc: 3.44 ng/ml



#16 4,4'-DDD

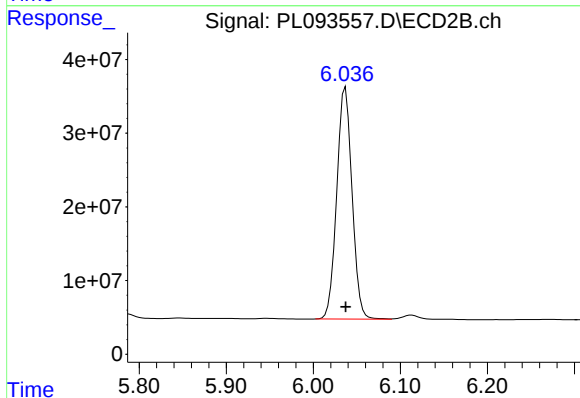
R.T.: 5.787 min  
Delta R.T.: -0.001 min  
Response: 8279201  
Conc: 2.93 ng/ml



#17 4,4'-DDT

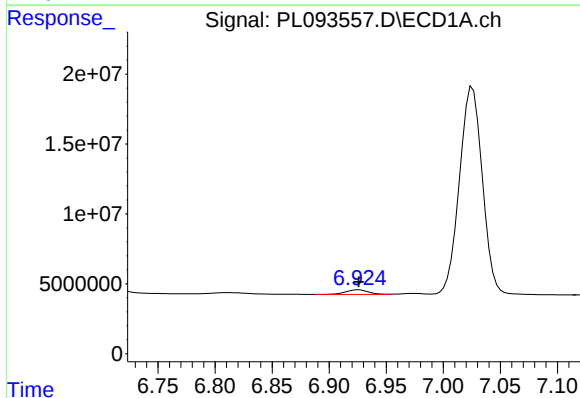
R.T.: 7.026 min  
Delta R.T.: 0.000 min  
Response: 207046304  
Conc: 112.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



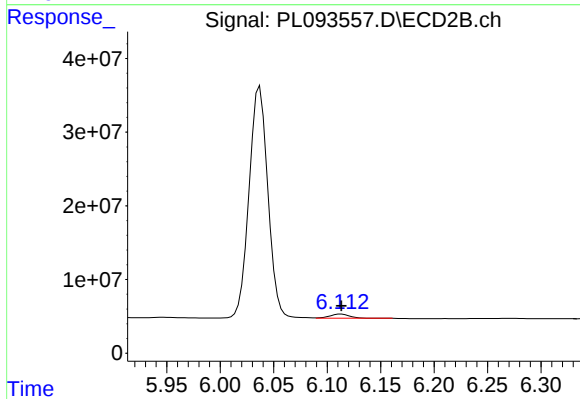
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: 0.000 min  
Response: 384342353  
Conc: 127.25 ng/ml



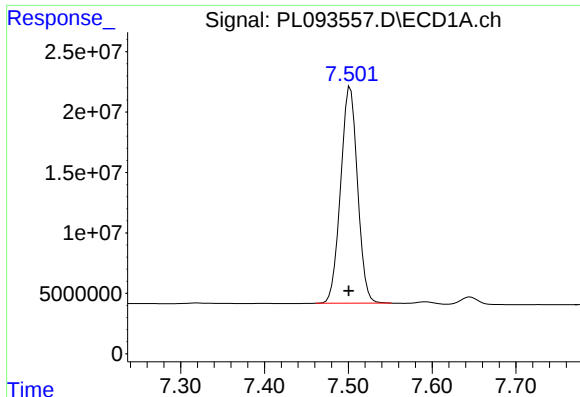
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 4463013  
Conc: 2.52 ng/ml



#18 Endrin aldehyde

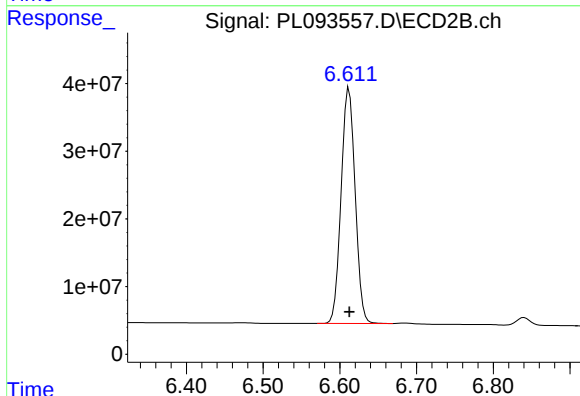
R.T.: 6.113 min  
Delta R.T.: 0.000 min  
Response: 7037855  
Conc: 2.61 ng/ml



#20 Methoxychlor

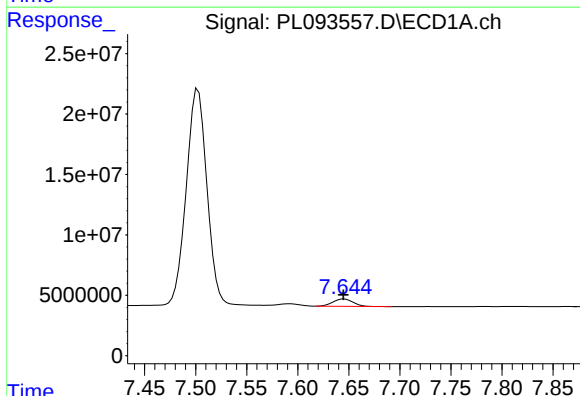
R.T.: 7.502 min  
Delta R.T.: 0.002 min  
Response: 251300866  
Conc: 251.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



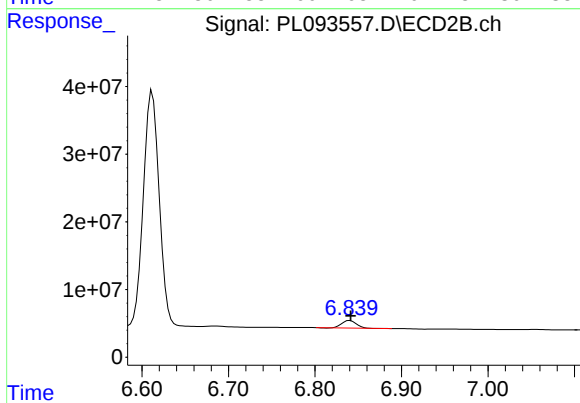
#20 Methoxychlor

R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 443728273  
Conc: 275.67 ng/ml



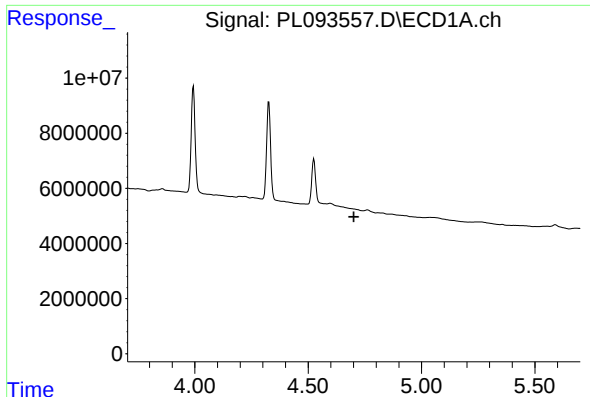
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: 0.000 min  
Response: 8199864  
Conc: 3.65 ng/ml



#21 Endrin ketone

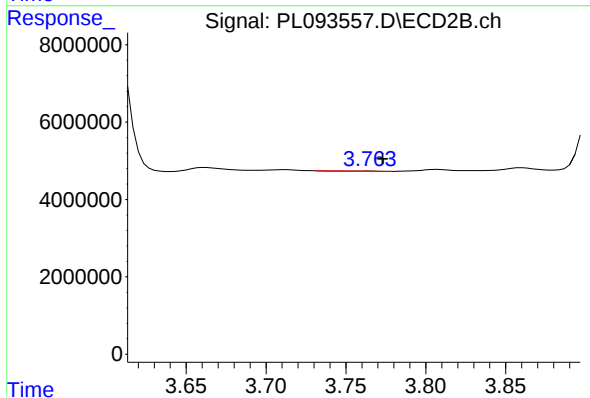
R.T.: 6.840 min  
Delta R.T.: -0.001 min  
Response: 12205640  
Conc: 3.35 ng/ml



#23 Chlordane-1

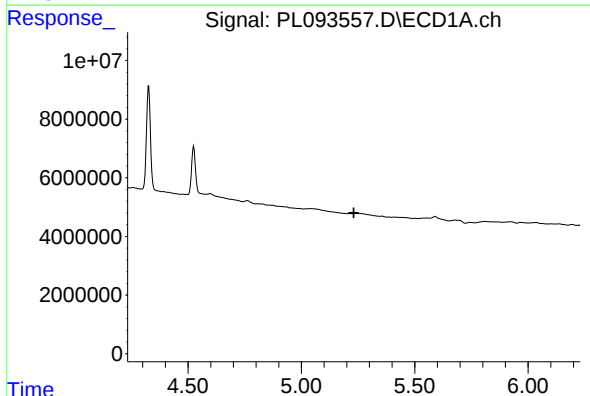
R.T.: 0.000 min  
Exp R.T. : 4.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



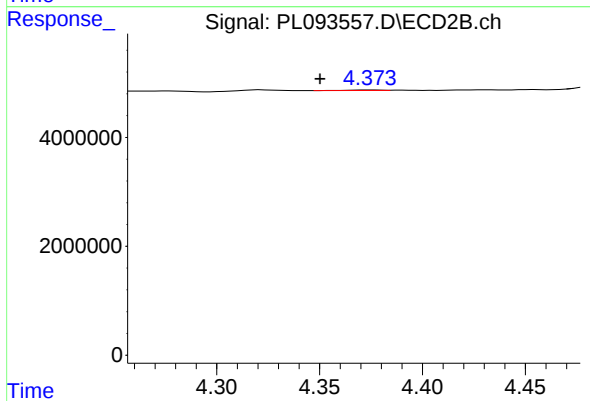
#23 Chlordane-1

R.T.: 3.764 min  
Delta R.T.: -0.009 min  
Response: 39233  
Conc: 0.32 ng/ml



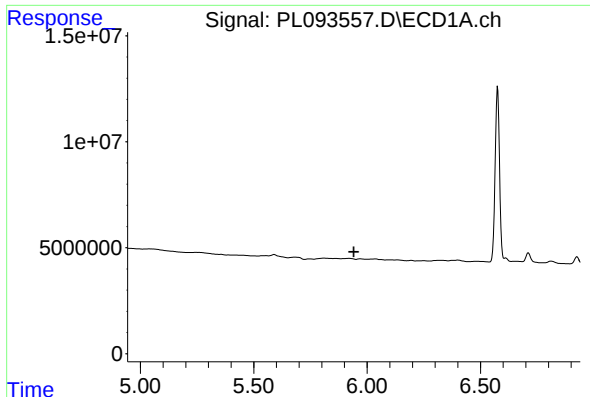
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.231 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

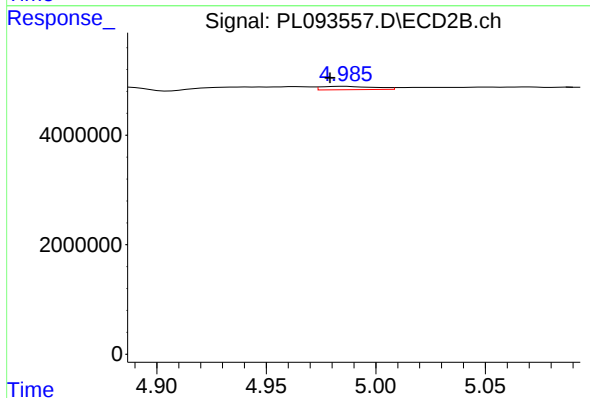
R.T.: 4.374 min  
Delta R.T.: 0.024 min  
Response: 114260  
Conc: 0.82 ng/ml



#25 Chlordane-3

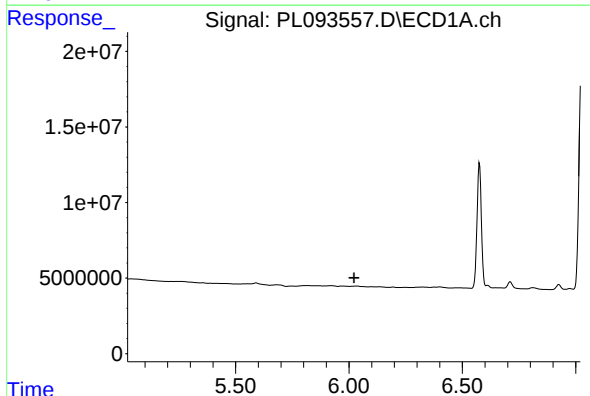
R.T.: 0.000 min  
Exp R.T.: 5.941 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



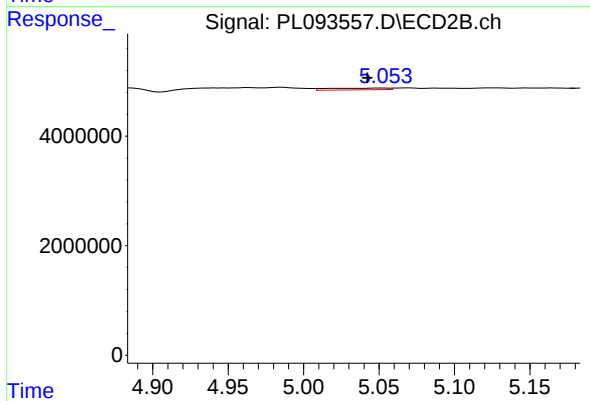
#25 Chlordane-3

R.T.: 4.986 min  
Delta R.T.: 0.007 min  
Response: 1047116  
Conc: 2.47 ng/ml



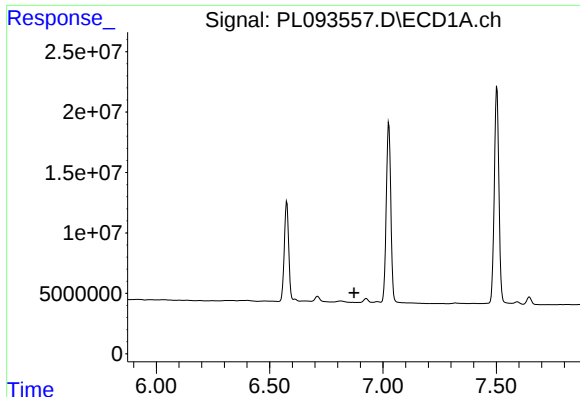
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 6.023 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

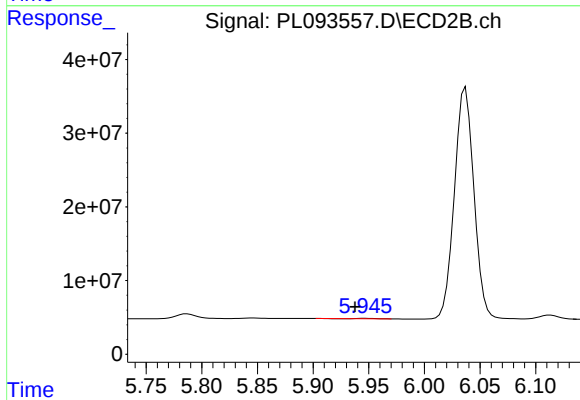
R.T.: 5.053 min  
Delta R.T.: 0.011 min  
Response: 892056  
Conc: 2.17 ng/ml



#27 Chlordane-5

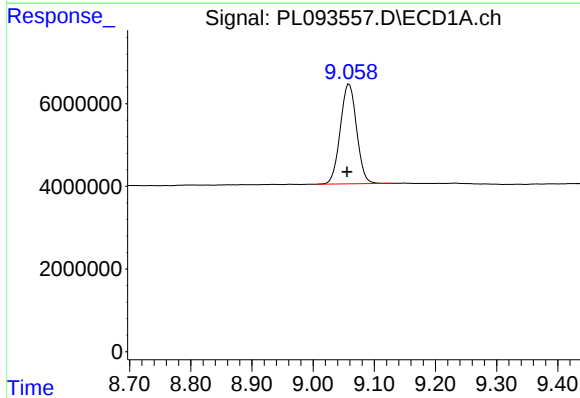
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



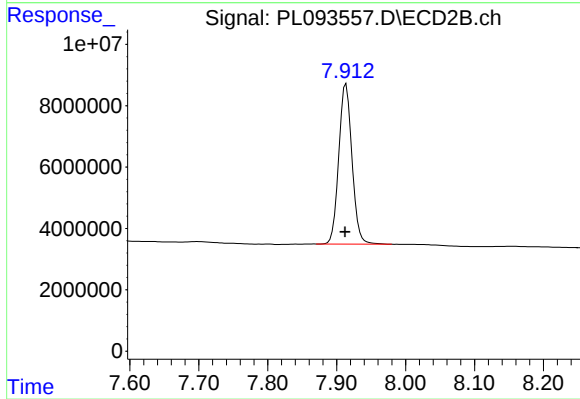
#27 Chlordane-5

R.T.: 5.946 min  
Delta R.T.: 0.009 min  
Response: 337237  
Conc: 2.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: 0.003 min  
Response: 44813545  
Conc: 24.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: 0.001 min  
Response: 69708756  
Conc: 23.35 ng/ml