

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112118\  
 Data File : PL042350.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2018 15:07  
 Operator : AJ\SJ  
 Sample : J5999-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 00:04:06 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.468  | 4.102  | 36842404 | 20072201 | 6.262  | 6.979    |
| 28)                         | SA Decachlor... | 8.208  | 9.234  | 34925500 | 12572830 | 5.542  | 5.213    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.862f | 0.000  | 17466412 | 0        | 1.936  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.487  | 0.000  | 942959   | 0        | 0.108  | N.D. #   |
| 6)                          | B beta-BHC      | 4.487f | 0.000  | 942959   | 0        | 0.266  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.128f | 5.988  | 5076059  | 1712072  | 0.670  | 0.477 #  |
| 9)                          | A Endosulfan I  | 5.459f | 6.309f | 20127706 | 20362496 | 2.909  | 6.448 #  |
| 10)                         | B gamma-Chl...  | 5.423  | 6.236  | 35629970 | 21633956 | 4.673  | 6.355 #  |
| 11)                         | B alpha-Chl...  | 5.459  | 6.309  | 20127706 | 20362496 | 2.681  | 6.090 #  |
| 12)                         | B 4,4'-DDE      | 5.626  | 6.462  | 22146870 | 19422271 | 3.384  | 5.836 #  |
| 13)                         | MA Dieldrin     | 5.751  | 0.000  | 9020318  | 0        | 1.226  | N.D. #   |
| 14)                         | MA Endrin       | 6.025  | 0.000  | 56275383 | 0        | 8.604  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.274  | 7.081f | 2049283  | 1197718  | 0.328  | 0.434 #  |
| 16)                         | A 4,4'-DDD      | 6.140  | 6.959  | 1022502  | 5291126  | 0.193  | 2.010 #  |
| 17)                         | MA 4,4'-DDT     | 6.378  | 7.253  | 18825324 | 1705149  | 3.382  | 0.646 #  |
| 18)                         | B Endrin al...  | 6.468  | 0.000  | 833851   | 0        | 0.160  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.661  | 0.000  | 3252179  | 0        | 0.521  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.907  | 0.000  | 4815983  | 0        | 1.527  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.181  | 7.825f | 2044596  | 3800959  | 0.295  | 1.375 #  |
| 23)                         | Chlordane-1     | 4.336  | 0.000  | 1472208  | 0        | 5.325  | N.D. #   |
| 24)                         | Chlordane-2     | 4.840  | 0.000  | 4224005  | 0        | 15.031 | N.D. #   |
| 25)                         | Chlordane-3     | 5.423  | 6.236  | 35629970 | 21633956 | 40.646 | 46.037   |
| 26)                         | Chlordane-4     | 5.459  | 6.309  | 20127706 | 20362496 | 26.522 | 37.215 # |
| 27)                         | Chlordane-5     | 6.274  | 7.081  | 2049283  | 1197718  | 6.877  | 12.451 # |
| -----                       |                 |        |        |          |          |        |          |

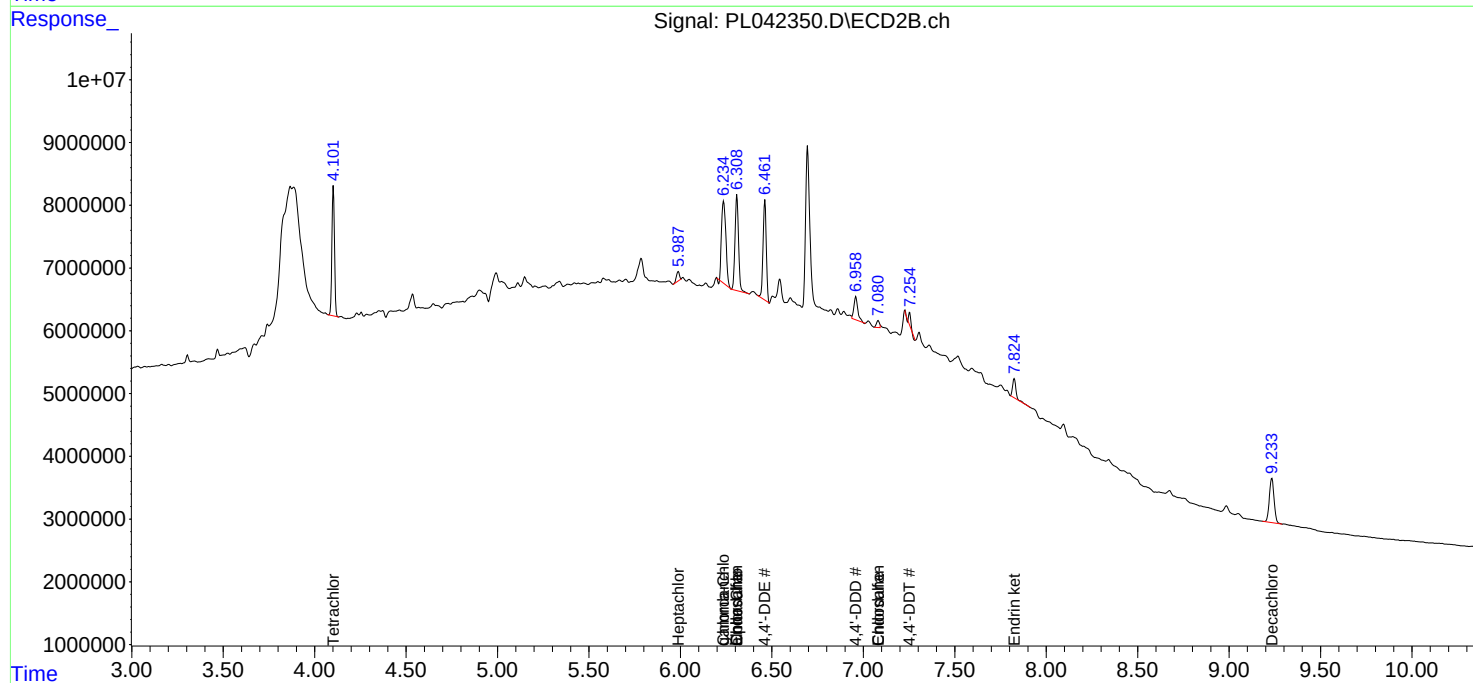
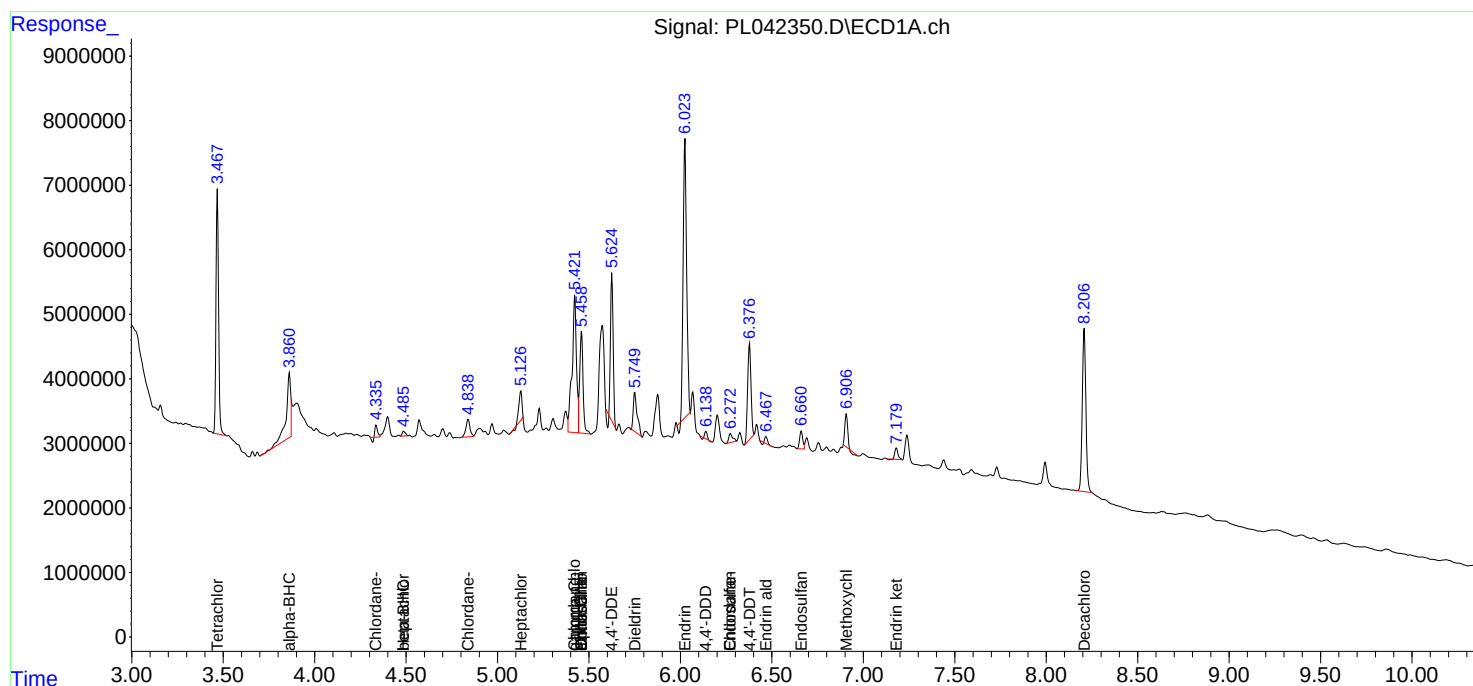
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

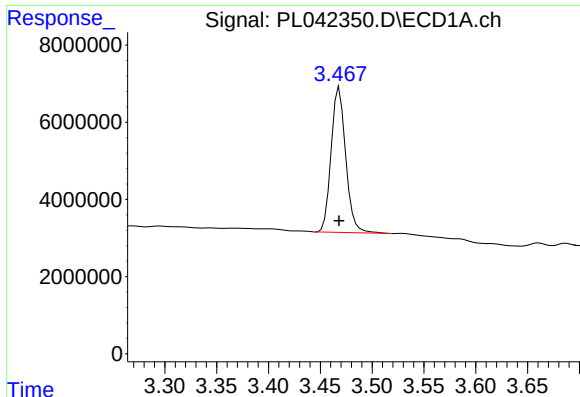
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112118\  
Data File : PL042350.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2018 15:07  
Operator : AJ\SJ  
Sample : J5999-07  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 00:04:06 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extratables  
QLast Update : Tue Nov 20 02:29:59 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

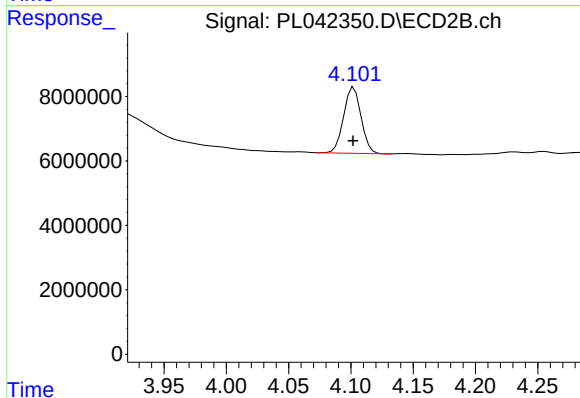




#1 Tetrachloro-m-xylene

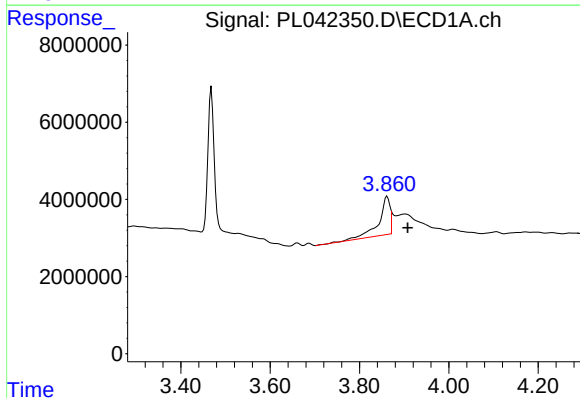
R.T.: 3.468 min  
Delta R.T.: 0.000 min  
Response: 36842404  
Conc: 6.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



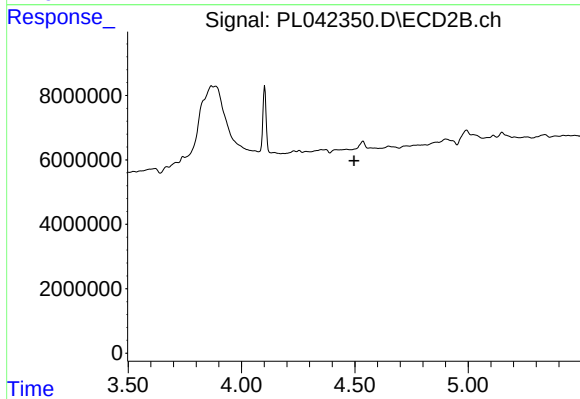
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 20072201  
Conc: 6.98 ng/ml



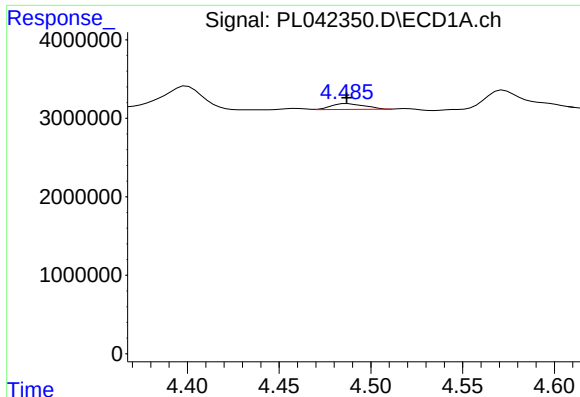
#2 alpha-BHC

R.T.: 3.862 min  
Delta R.T.: -0.046 min  
Response: 17466412  
Conc: 1.94 ng/ml



#2 alpha-BHC

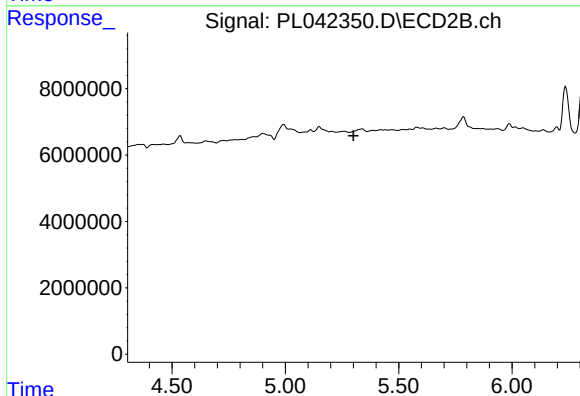
R.T.: 0.000 min  
Exp R.T.: 4.497 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

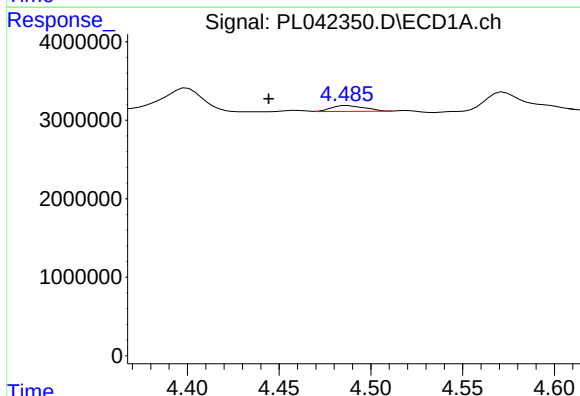
R.T.: 4.487 min  
Delta R.T.: 0.000 min  
Response: 942959  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



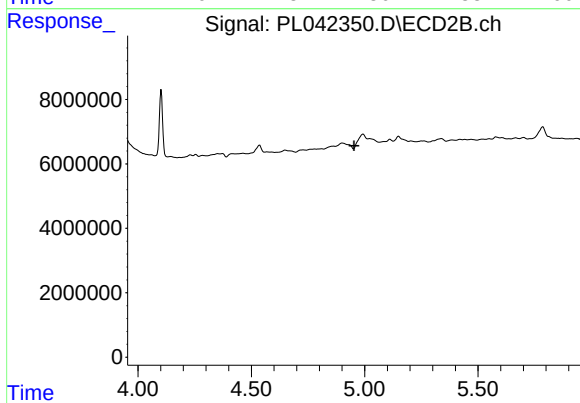
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 5.301 min  
Response: 0  
Conc: N.D.



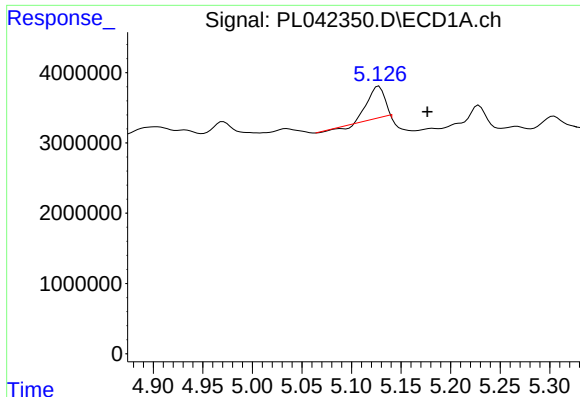
#6 beta-BHC

R.T.: 4.487 min  
Delta R.T.: 0.043 min  
Response: 942959  
Conc: 0.27 ng/ml



#6 beta-BHC

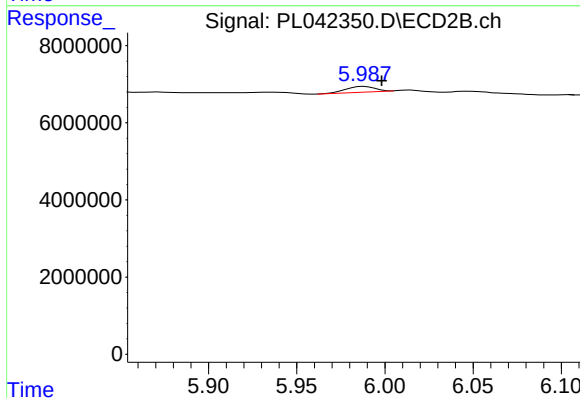
R.T.: 0.000 min  
Exp R.T. : 4.954 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

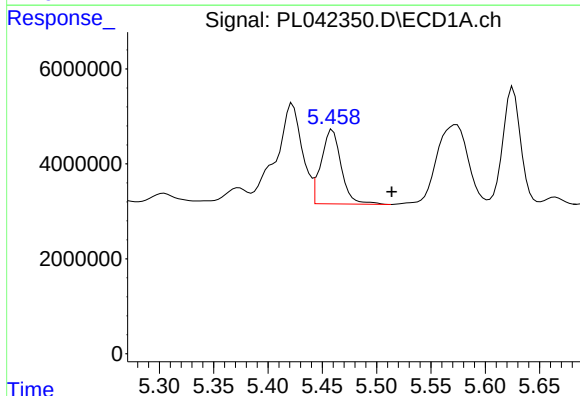
R.T.: 5.128 min  
Delta R.T.: -0.049 min  
Response: 5076059  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



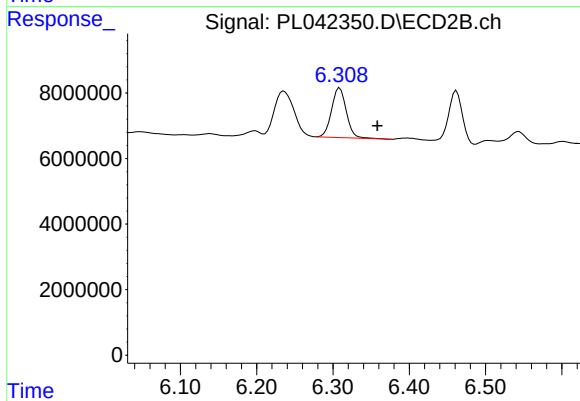
#8 Heptachlor epoxide

R.T.: 5.988 min  
Delta R.T.: -0.010 min  
Response: 1712072  
Conc: 0.48 ng/ml



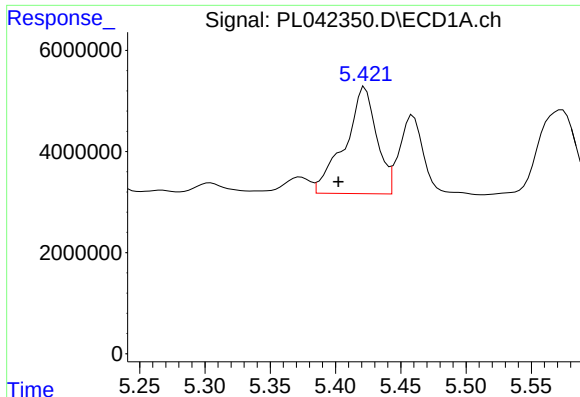
#9 Endosulfan I

R.T.: 5.459 min  
Delta R.T.: -0.054 min  
Response: 20127706  
Conc: 2.91 ng/ml



#9 Endosulfan I

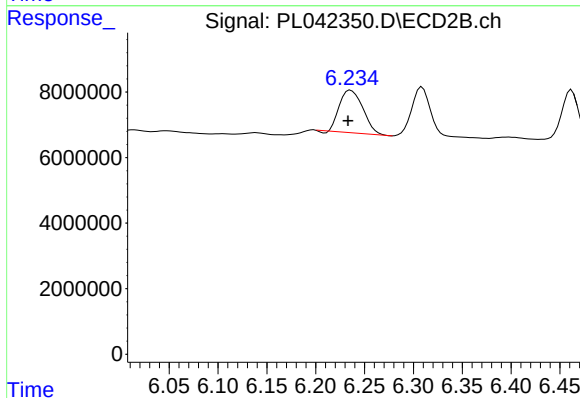
R.T.: 6.309 min  
Delta R.T.: -0.049 min  
Response: 20362496  
Conc: 6.45 ng/ml



#10 gamma-Chlordane

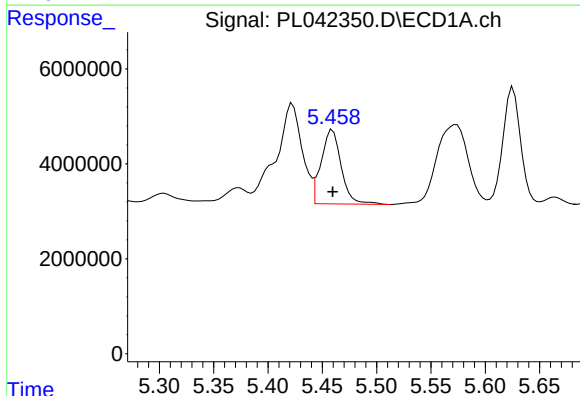
R.T.: 5.423 min  
Delta R.T.: 0.020 min  
Response: 35629970  
Conc: 4.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



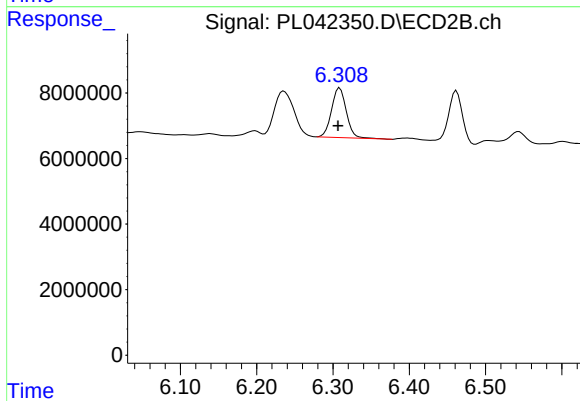
#10 gamma-Chlordane

R.T.: 6.236 min  
Delta R.T.: 0.003 min  
Response: 21633956  
Conc: 6.35 ng/ml



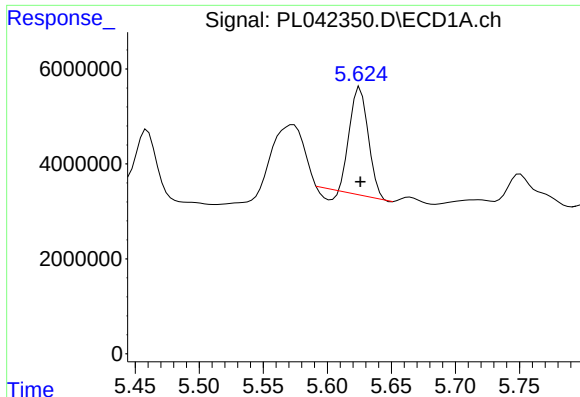
#11 alpha-Chlordane

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 20127706  
Conc: 2.68 ng/ml



#11 alpha-Chlordane

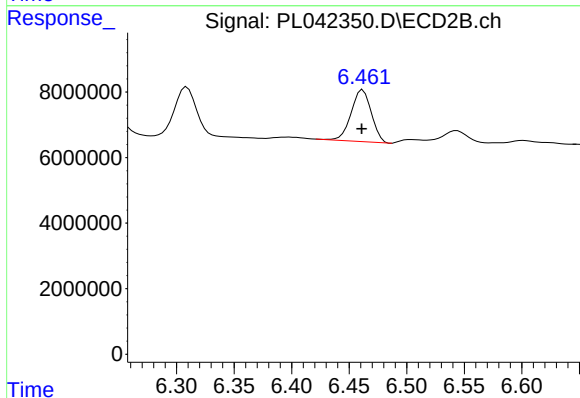
R.T.: 6.309 min  
Delta R.T.: 0.002 min  
Response: 20362496  
Conc: 6.09 ng/ml



#12 4,4'-DDE

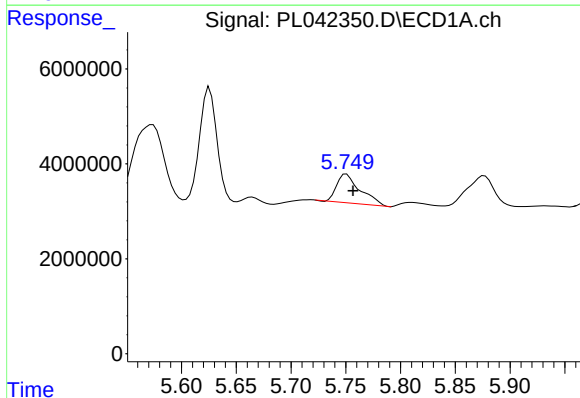
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 22146870  
Conc: 3.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



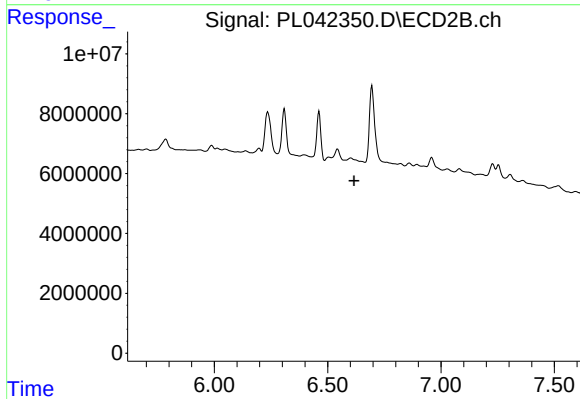
#12 4,4'-DDE

R.T.: 6.462 min  
Delta R.T.: 0.001 min  
Response: 19422271  
Conc: 5.84 ng/ml



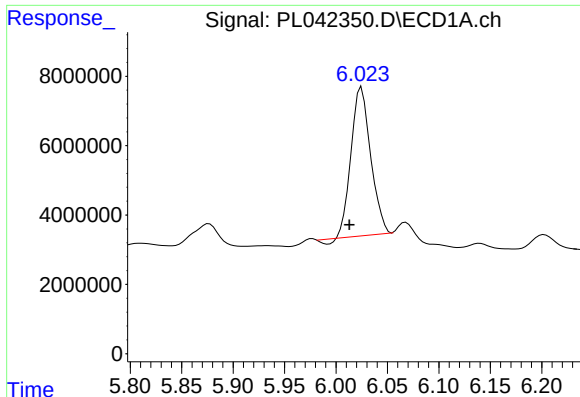
#13 Dieldrin

R.T.: 5.751 min  
Delta R.T.: -0.006 min  
Response: 9020318  
Conc: 1.23 ng/ml



#13 Dieldrin

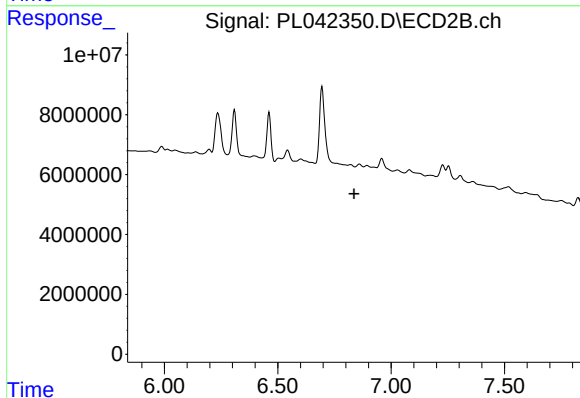
R.T.: 0.000 min  
Exp R.T.: 6.617 min  
Response: 0  
Conc: N.D.



#14 Endrin

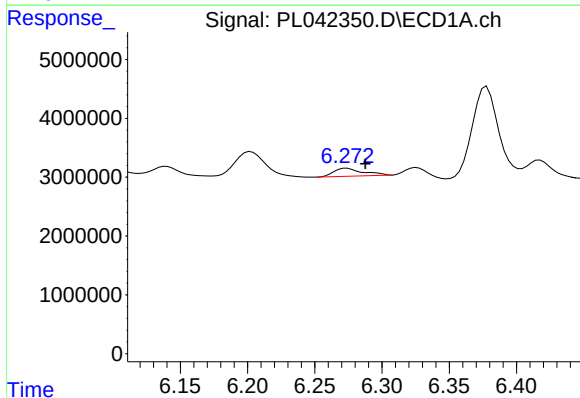
R.T.: 6.025 min  
Delta R.T.: 0.012 min  
Response: 56275383  
Conc: 8.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



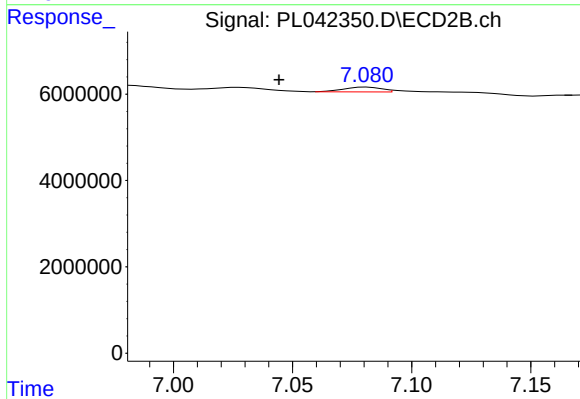
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.836 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

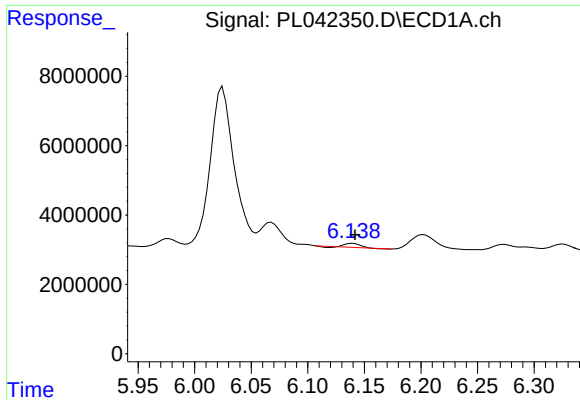
R.T.: 6.274 min  
Delta R.T.: -0.014 min  
Response: 2049283  
Conc: 0.33 ng/ml



#15 Endosulfan II

R.T.: 7.081 min  
Delta R.T.: 0.037 min  
Response: 1197718  
Conc: 0.43 ng/ml

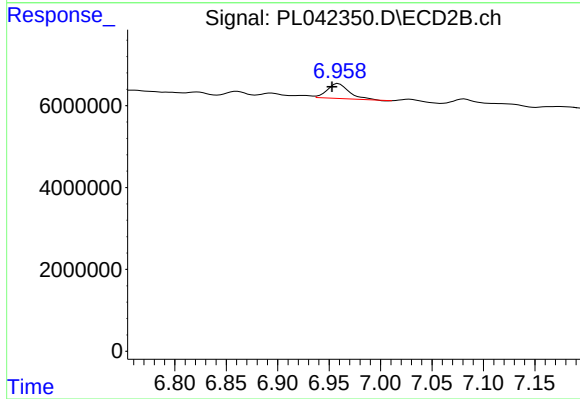




#16 4,4'-DDD

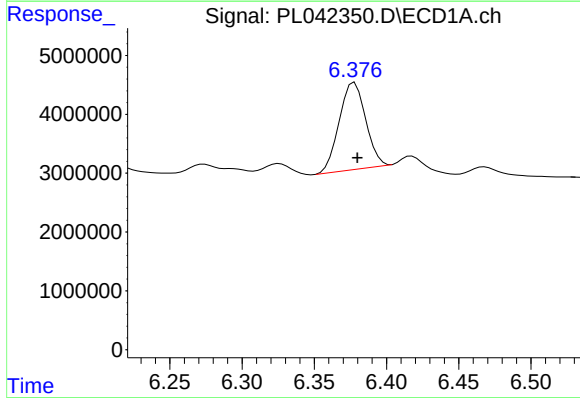
R.T.: 6.140 min  
Delta R.T.: -0.002 min  
Response: 1022502  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



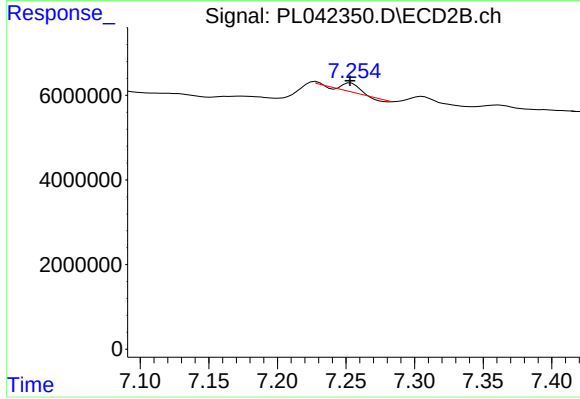
#16 4,4'-DDD

R.T.: 6.959 min  
Delta R.T.: 0.006 min  
Response: 5291126  
Conc: 2.01 ng/ml



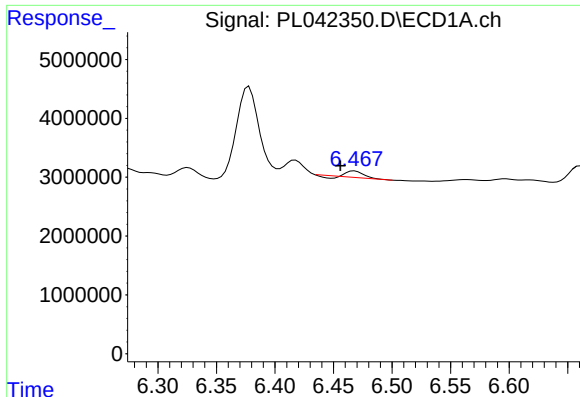
#17 4,4'-DDT

R.T.: 6.378 min  
Delta R.T.: -0.002 min  
Response: 18825324  
Conc: 3.38 ng/ml



#17 4,4'-DDT

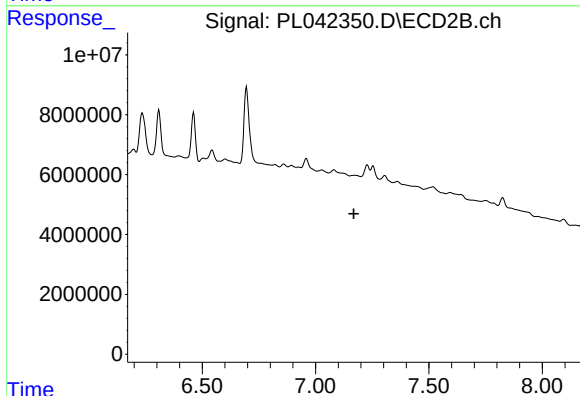
R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 1705149  
Conc: 0.65 ng/ml



#18 Endrin aldehyde

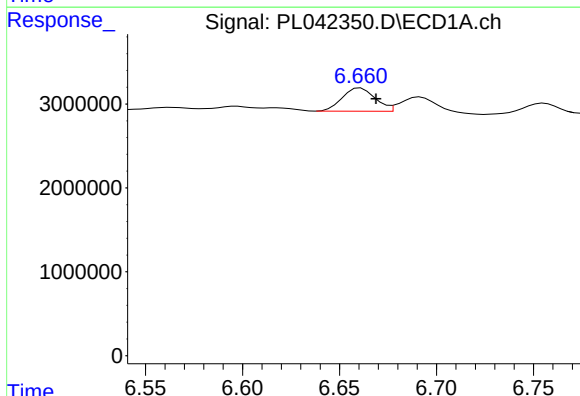
R.T.: 6.468 min  
Delta R.T.: 0.012 min  
Response: 833851  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



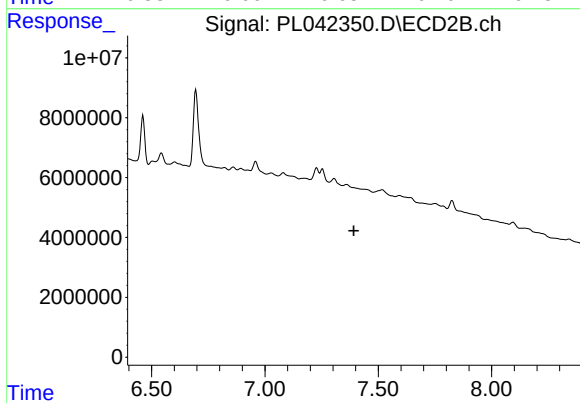
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.169 min  
Response: 0  
Conc: N.D.



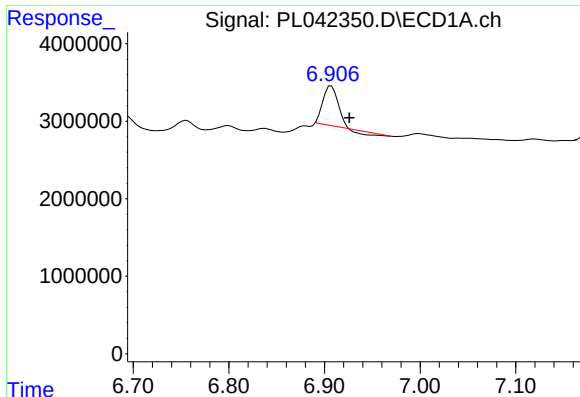
#19 Endosulfan Sulfate

R.T.: 6.661 min  
Delta R.T.: -0.008 min  
Response: 3252179  
Conc: 0.52 ng/ml



#19 Endosulfan Sulfate

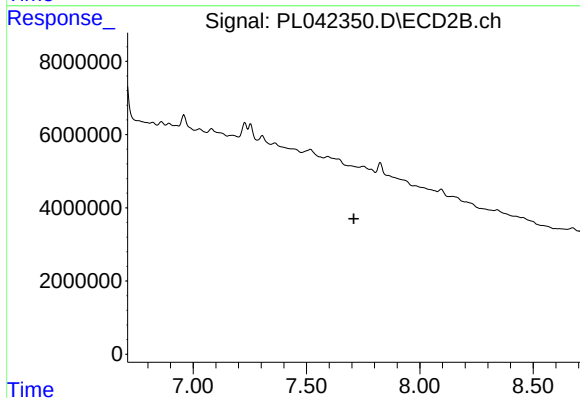
R.T.: 0.000 min  
Exp R.T. : 7.392 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

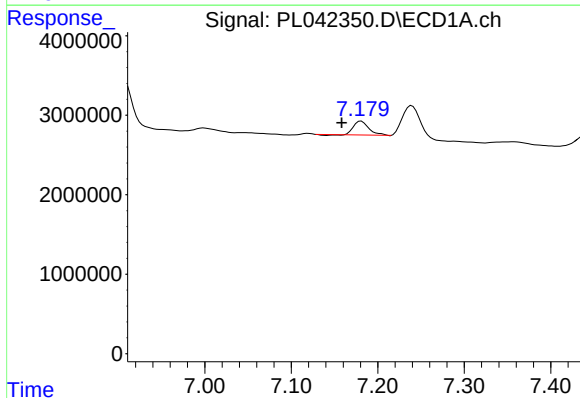
R.T.: 6.907 min  
Delta R.T.: -0.019 min  
Response: 4815983  
Conc: 1.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



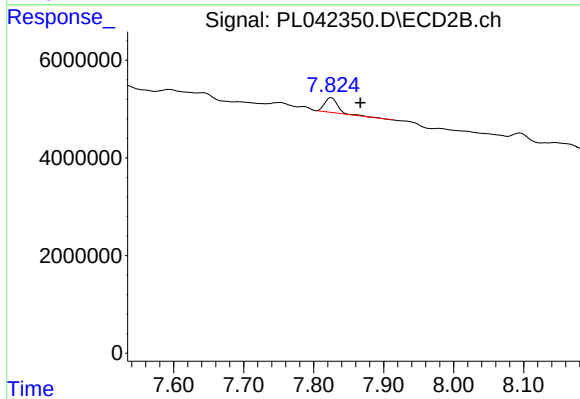
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.709 min  
Response: 0  
Conc: N.D.



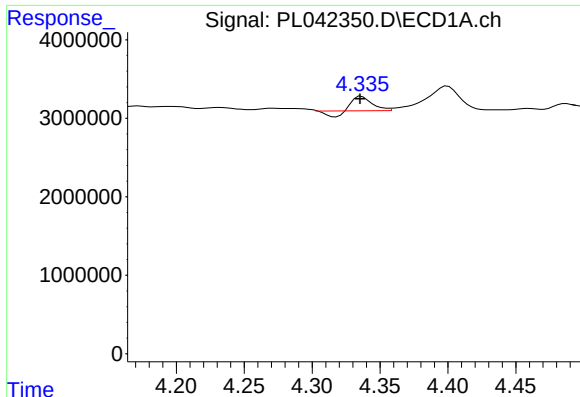
#21 Endrin ketone

R.T.: 7.181 min  
Delta R.T.: 0.022 min  
Response: 2044596  
Conc: 0.30 ng/ml



#21 Endrin ketone

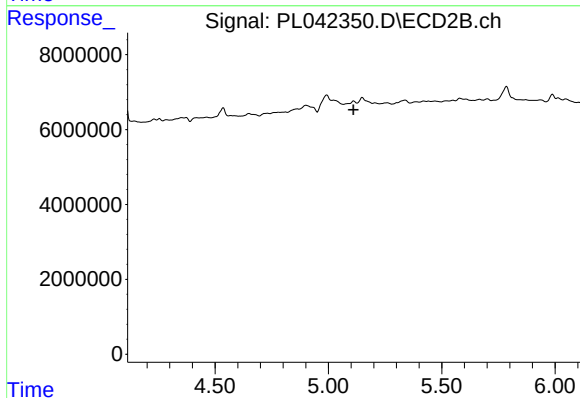
R.T.: 7.825 min  
Delta R.T.: -0.041 min  
Response: 3800959  
Conc: 1.38 ng/ml



#23 Chlordane-1

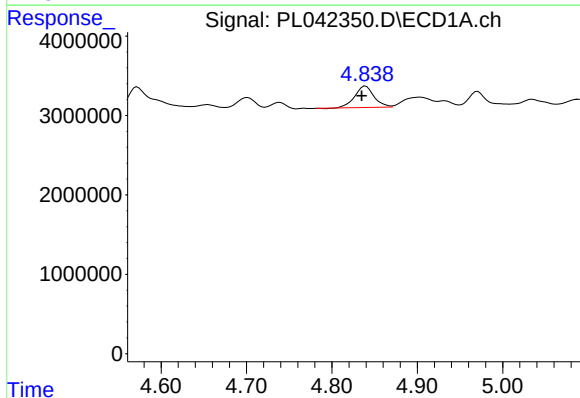
R.T.: 4.336 min  
Delta R.T.: 0.001 min  
Response: 1472208  
Conc: 5.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



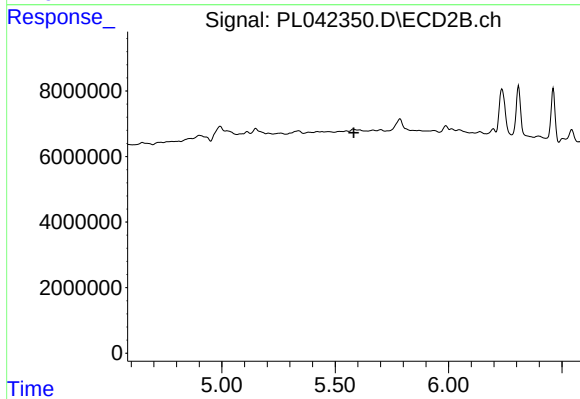
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.111 min  
Response: 0  
Conc: N.D.



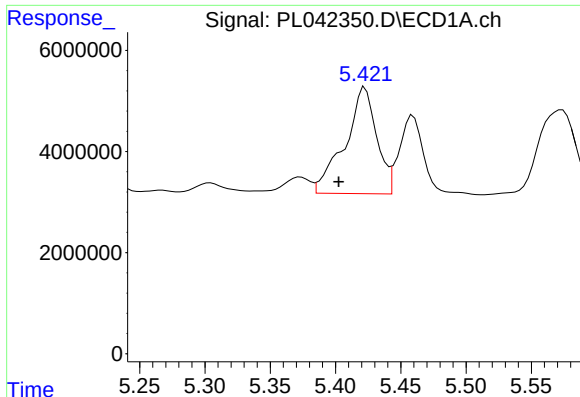
#24 Chlordane-2

R.T.: 4.840 min  
Delta R.T.: 0.005 min  
Response: 4224005  
Conc: 15.03 ng/ml



#24 Chlordane-2

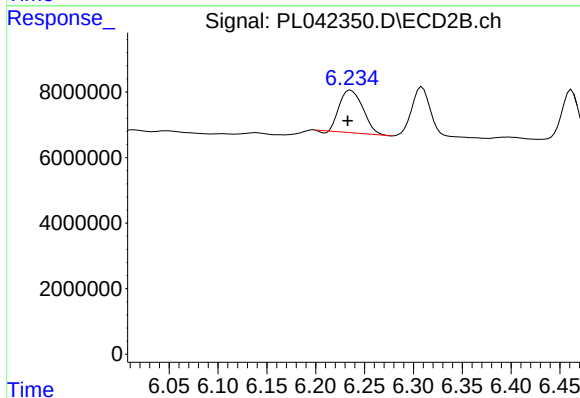
R.T.: 0.000 min  
Exp R.T. : 5.582 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

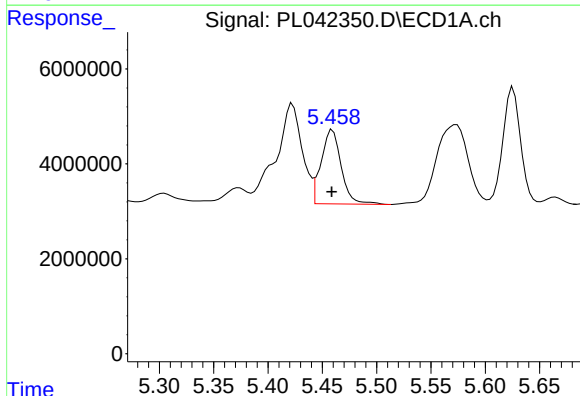
R.T.: 5.423 min  
Delta R.T.: 0.020 min  
Response: 35629970  
Conc: 40.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



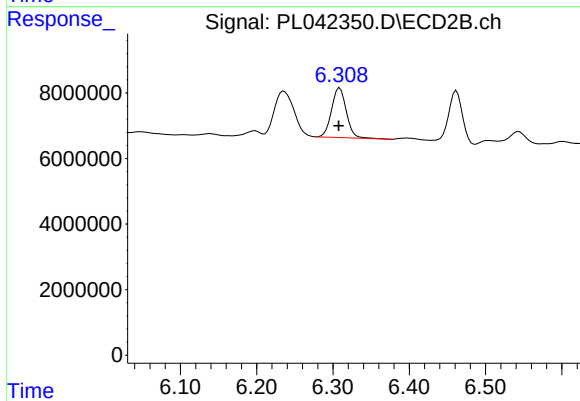
#25 Chlordane-3

R.T.: 6.236 min  
Delta R.T.: 0.003 min  
Response: 21633956  
Conc: 46.04 ng/ml



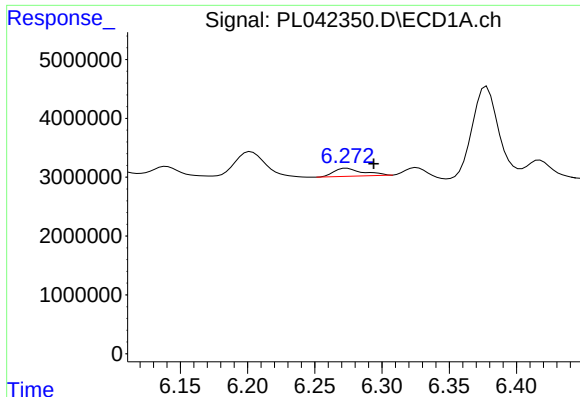
#26 Chlordane-4

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 20127706  
Conc: 26.52 ng/ml



#26 Chlordane-4

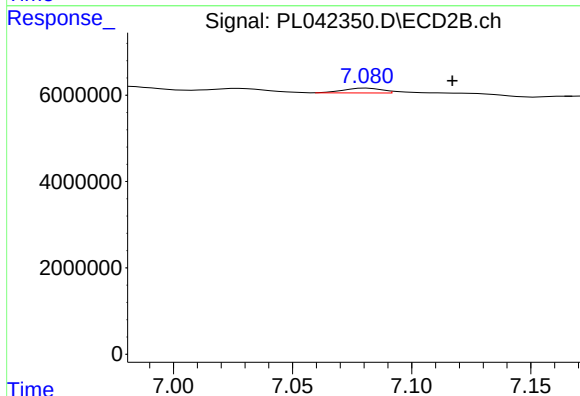
R.T.: 6.309 min  
Delta R.T.: 0.001 min  
Response: 20362496  
Conc: 37.22 ng/ml



#27 Chlordane-5

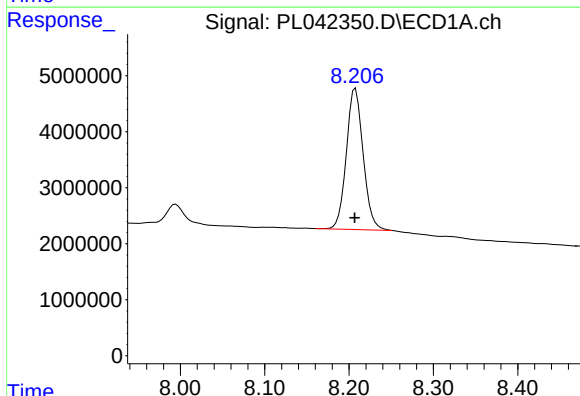
R.T.: 6.274 min  
Delta R.T.: -0.020 min  
Response: 2049283  
Conc: 6.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



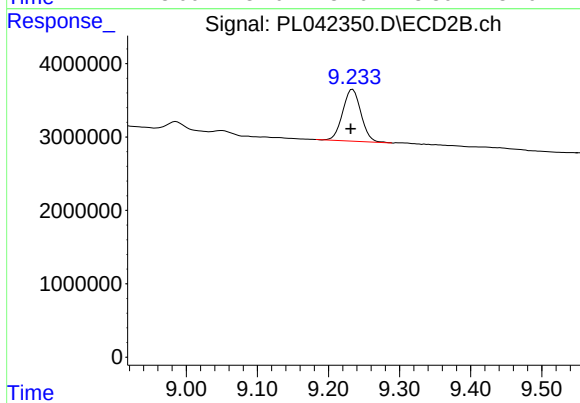
#27 Chlordane-5

R.T.: 7.081 min  
Delta R.T.: -0.036 min  
Response: 1197718  
Conc: 12.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min  
Delta R.T.: 0.000 min  
Response: 34925500  
Conc: 5.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.234 min  
Delta R.T.: 0.002 min  
Response: 12572830  
Conc: 5.21 ng/ml