

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061620\  
 Data File : PL059275.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2020 10:54  
 Operator : AJ\MA  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 14:45:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 2020  
 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... | 3.518  | 4.069  | 35143126 | 52483692 | 20.351  | 20.171  |
| 28)                         | SA Decachlor... | 8.288  | 9.175  | 31216954 | 47394136 | 18.984  | 19.993  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.958  | 4.461  | 23570812 | 33909382 | 9.416   | 8.822   |
| 3)                          | MA gamma-BHC... | 4.244  | 4.749  | 19782354 | 31358283 | 9.020   | 8.593   |
| 4)                          | MA Heptachlor   | 0.000  | 5.258  | 0        | 492457   | N.D.    | 0.143 # |
| 6)                          | B beta-BHC      | 4.493  | 4.917  | 9551142  | 14781043 | 10.052  | 9.774   |
| 8)                          | B Heptachlo...  | 5.256  | 5.948  | 1756614  | 10295956 | 1.028   | 3.717 # |
| 9)                          | A Endosulfan I  | 0.000  | 6.318  | 0        | 322471   | N.D.    | 0.115 # |
| 10)                         | B gamma-Chl...  | 0.000  | 6.198  | 0        | 1632563  | N.D.    | 0.546 # |
| 11)                         | B alpha-Chl...  | 0.000  | 6.279  | 0        | 1241086  | N.D.    | 0.408 # |
| 12)                         | B 4,4'-DDE      | 5.724f | 6.419  | 1805025  | 444484   | 1.187   | 0.160 # |
| 13)                         | MA Dieldrin     | 0.000  | 6.584  | 0        | 162691   | N.D.    | 0.056 # |
| 14)                         | MA Endrin       | 6.084  | 6.793  | 69974454 | 111.4E6  | 46.183  | 44.737  |
| 15)                         | B Endosulfa...  | 6.352  | 7.003  | 731434   | 1335302  | 0.473   | 0.513   |
| 16)                         | A 4,4'-DDD      | 6.209  | 6.911  | 3001166  | 4374469  | 2.270   | 1.885   |
| 17)                         | MA 4,4'-DDT     | 6.450  | 7.212  | 128.8E6  | 217.0E6  | 102.130 | 95.286  |
| 18)                         | B Endrin al...  | 6.523  | 7.125  | 853440   | 404209   | 0.648   | 0.177 # |
| 20)                         | A Methoxychlor  | 6.995  | 7.668  | 175.7E6  | 289.1E6  | 228.675 | 219.271 |
| 21)                         | B Endrin ke...  | 7.229  | 7.821  | 2233672  | 2965869  | 1.286   | 1.130   |
| 22)                         | Mirex           | 7.406f | 8.307f | 220741   | 57794    | 0.160   | 0.029 # |
| 25)                         | Chlordane-3     | 0.000  | 6.198  | 0        | 1632563  | N.D.    | 4.354 # |
| 26)                         | Chlordane-4     | 0.000  | 6.279  | 0        | 1241086  | N.D.    | 2.727 # |
| 27)                         | Chlordane-5     | 6.352f | 0.000  | 731434   | 0        | 14.698  | N.D. #  |
| -----                       |                 |        |        |          |          |         |         |

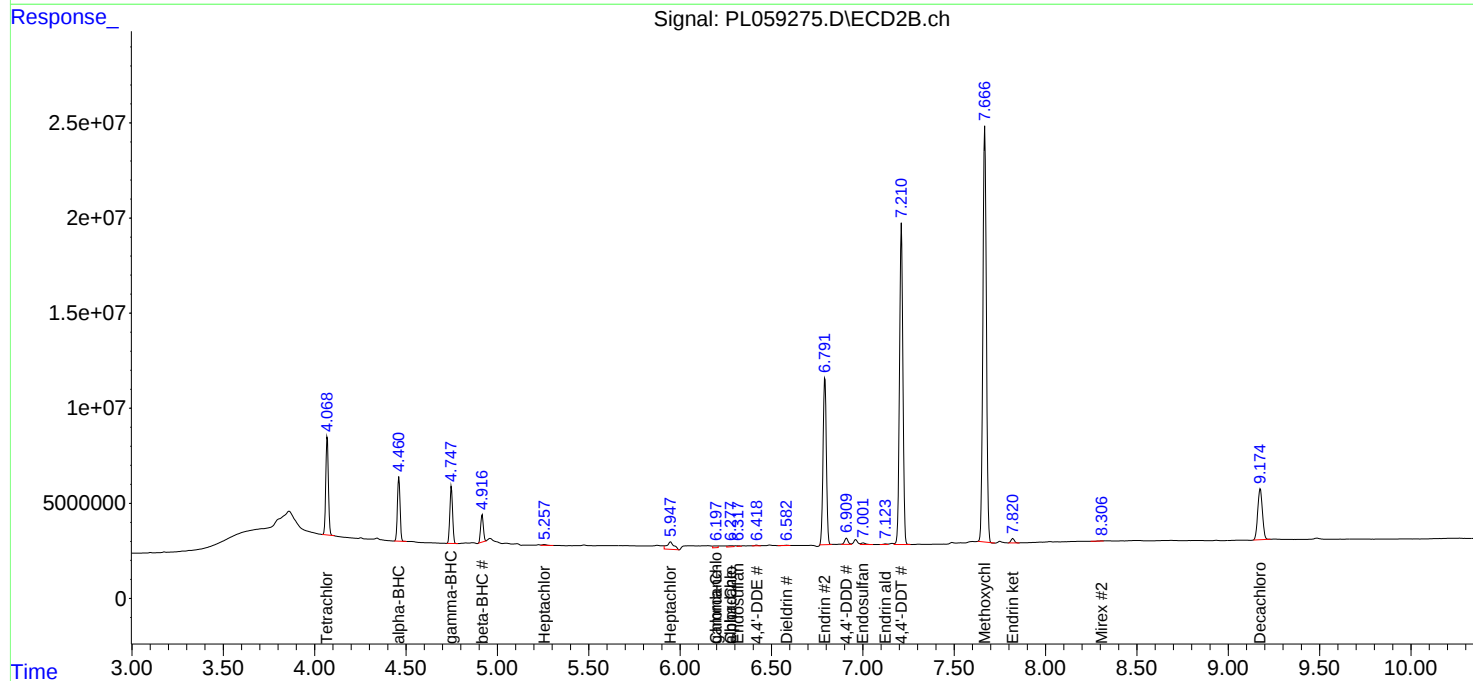
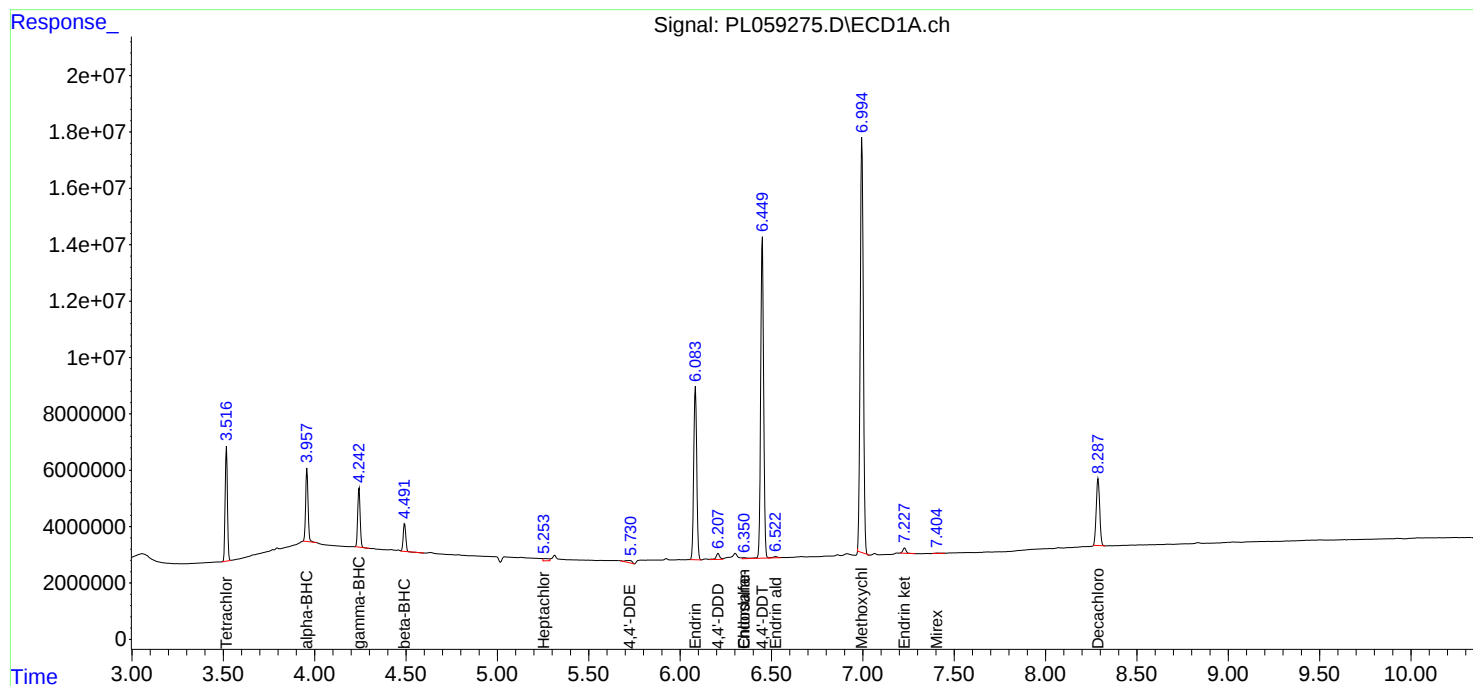
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

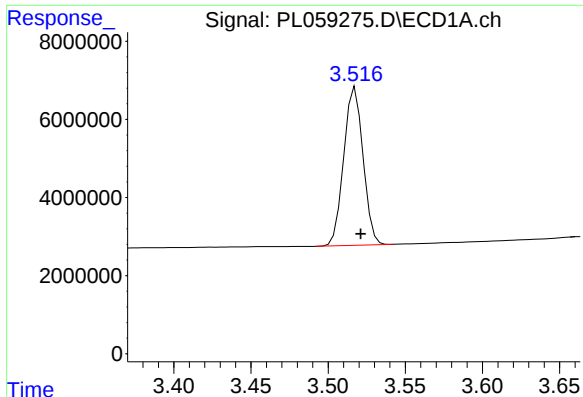
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061620\  
Data File : PL059275.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2020 10:54  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 14:45:14 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 2020  
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

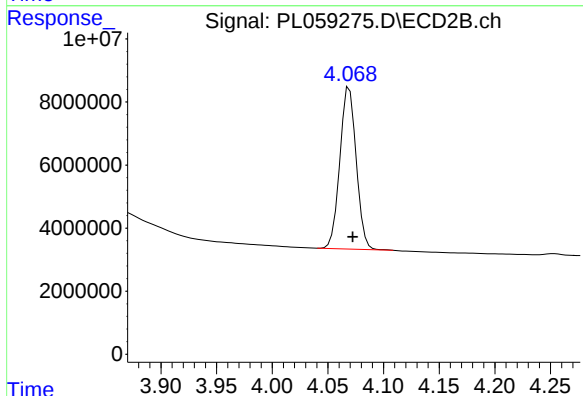




#1 Tetrachloro-m-xylene

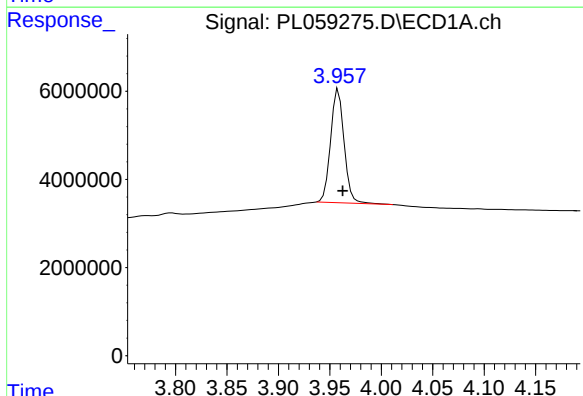
R.T.: 3.518 min  
Delta R.T.: -0.003 min  
Response: 35143126  
Conc: 20.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



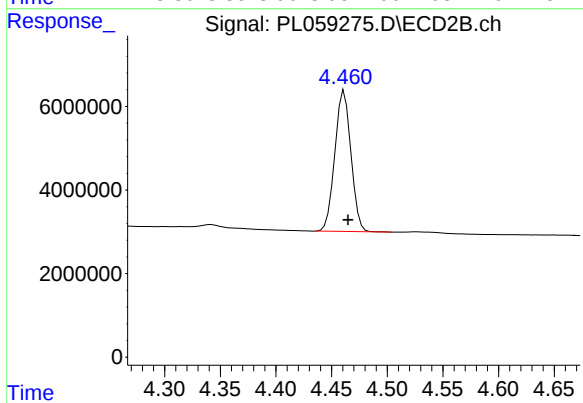
#1 Tetrachloro-m-xylene

R.T.: 4.069 min  
Delta R.T.: -0.003 min  
Response: 52483692  
Conc: 20.17 ng/ml



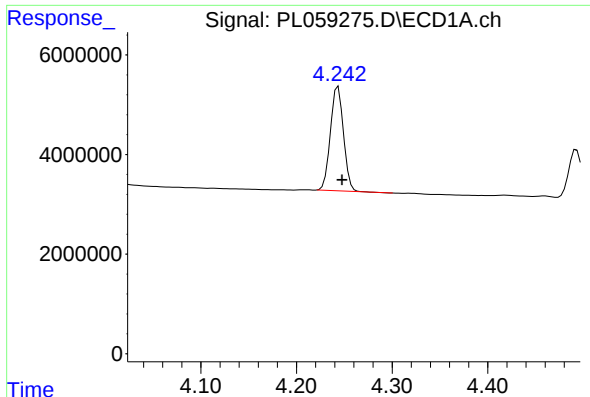
#2 alpha-BHC

R.T.: 3.958 min  
Delta R.T.: -0.004 min  
Response: 23570812  
Conc: 9.42 ng/ml



#2 alpha-BHC

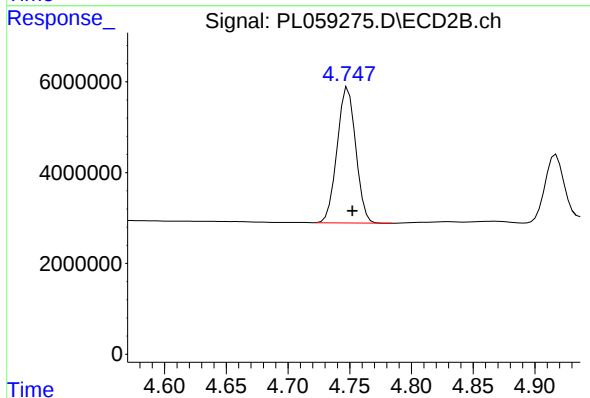
R.T.: 4.461 min  
Delta R.T.: -0.003 min  
Response: 33909382  
Conc: 8.82 ng/ml



#3 gamma-BHC (Lindane)

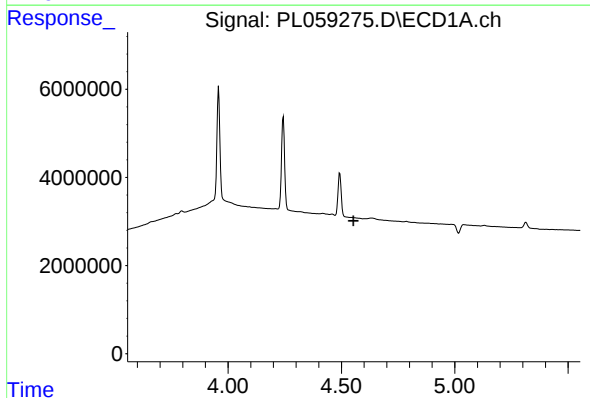
R.T.: 4.244 min  
Delta R.T.: -0.004 min  
Response: 19782354  
Conc: 9.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



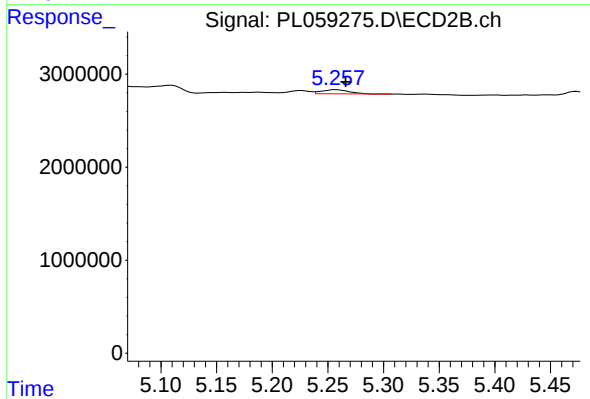
#3 gamma-BHC (Lindane)

R.T.: 4.749 min  
Delta R.T.: -0.004 min  
Response: 31358283  
Conc: 8.59 ng/ml



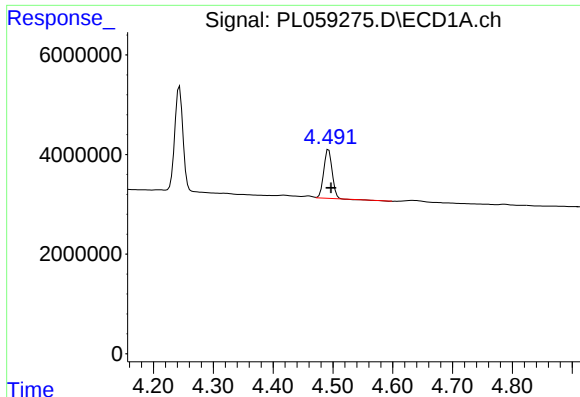
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.554 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

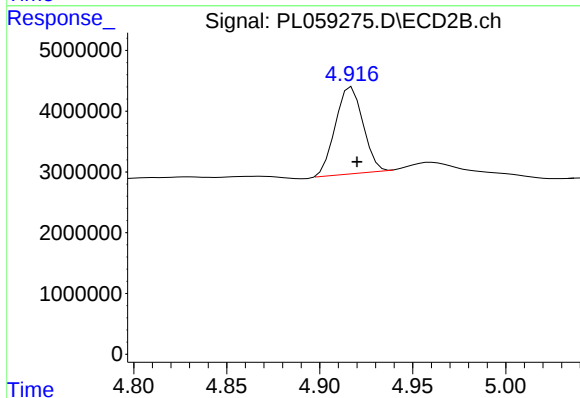
R.T.: 5.258 min  
Delta R.T.: -0.008 min  
Response: 492457  
Conc: 0.14 ng/ml



#6 beta-BHC

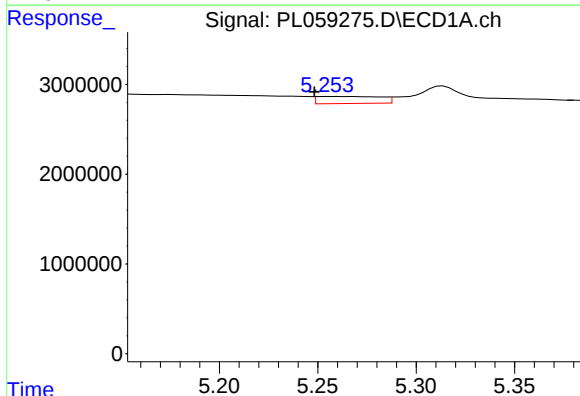
R.T.: 4.493 min  
Delta R.T.: -0.004 min  
Response: 9551142  
Conc: 10.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



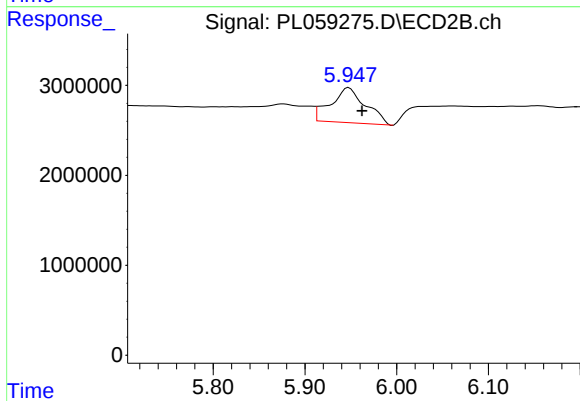
#6 beta-BHC

R.T.: 4.917 min  
Delta R.T.: -0.003 min  
Response: 14781043  
Conc: 9.77 ng/ml



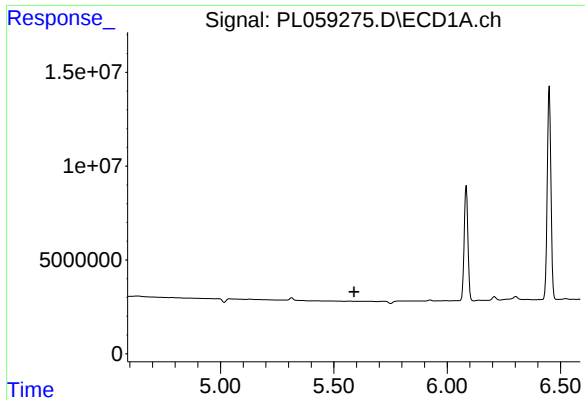
#8 Heptachlor epoxide

R.T.: 5.256 min  
Delta R.T.: 0.008 min  
Response: 1756614  
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

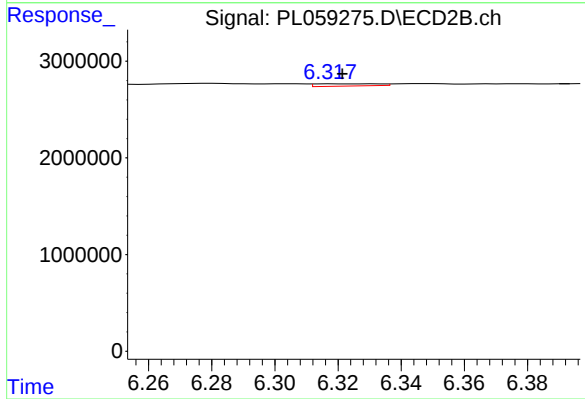
R.T.: 5.948 min  
Delta R.T.: -0.014 min  
Response: 10295956  
Conc: 3.72 ng/ml



#9 Endosulfan I

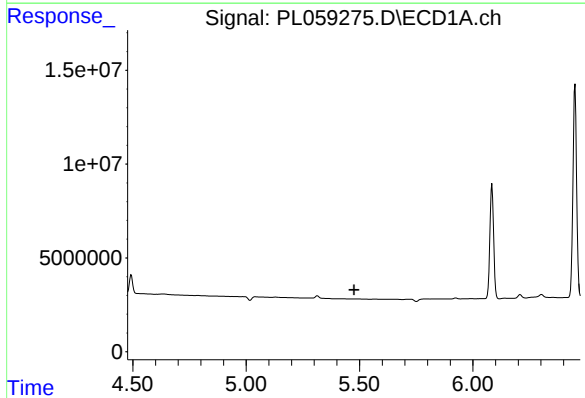
R.T.: 0.000 min  
Exp R.T.: 5.589 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



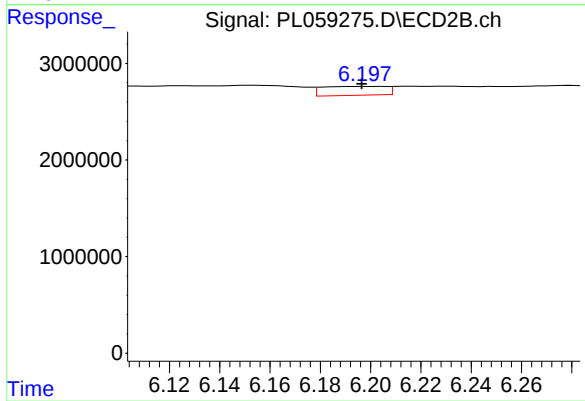
#9 Endosulfan I

R.T.: 6.318 min  
Delta R.T.: -0.004 min  
Response: 322471  
Conc: 0.12 ng/ml



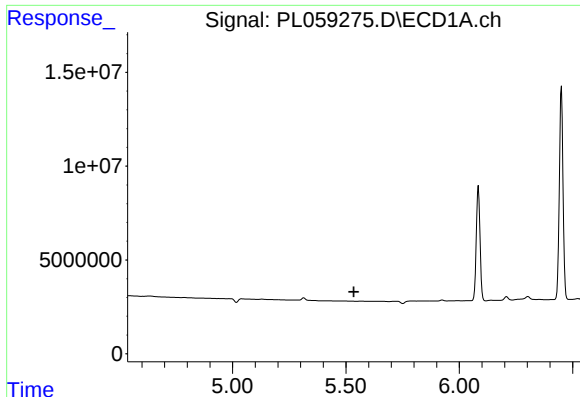
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.476 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

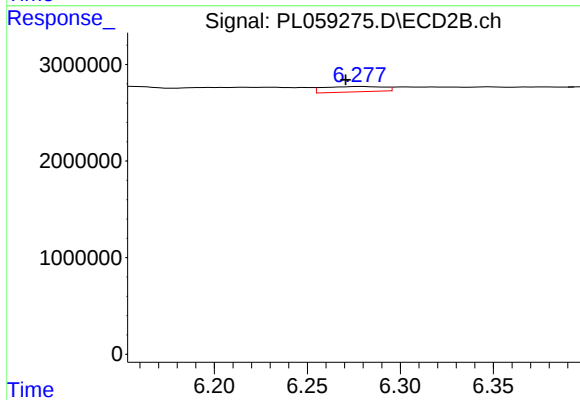
R.T.: 6.198 min  
Delta R.T.: 0.001 min  
Response: 1632563  
Conc: 0.55 ng/ml



#11 alpha-Chlordane

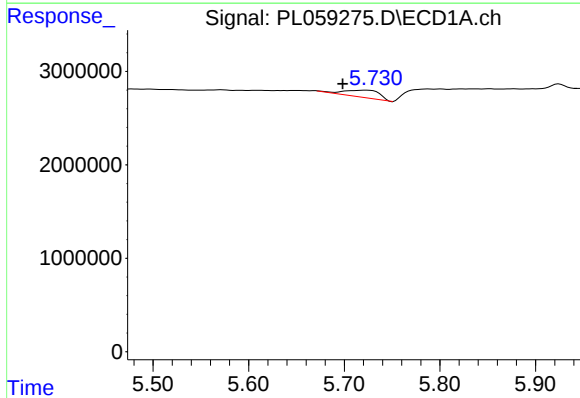
R.T.: 0.000 min  
Exp R.T.: 5.535 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



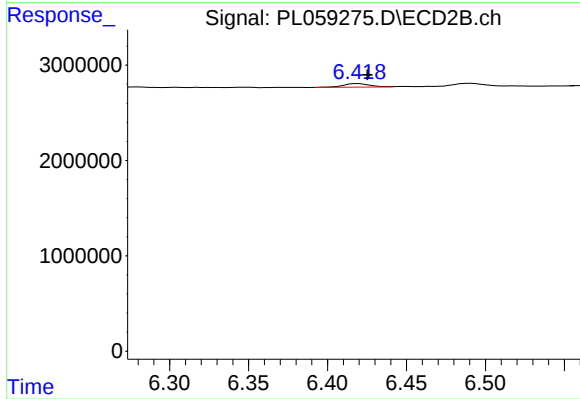
#11 alpha-Chlordane

R.T.: 6.279 min  
Delta R.T.: 0.009 min  
Response: 1241086  
Conc: 0.41 ng/ml



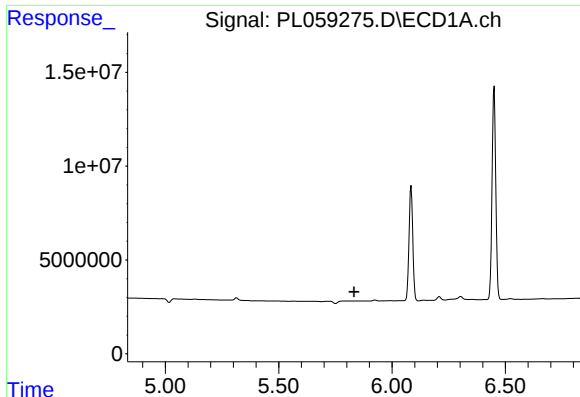
#12 4,4'-DDE

R.T.: 5.724 min  
Delta R.T.: 0.025 min  
Response: 1805025  
Conc: 1.19 ng/ml



#12 4,4'-DDE

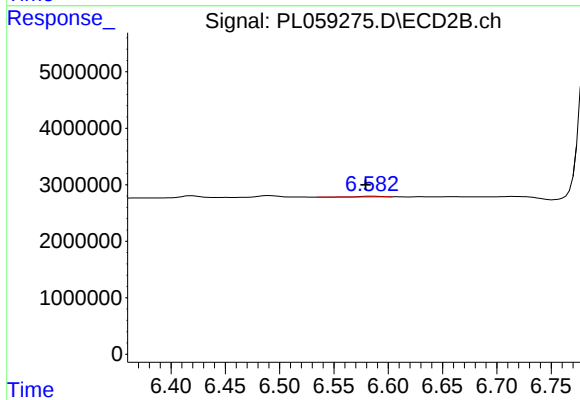
R.T.: 6.419 min  
Delta R.T.: -0.006 min  
Response: 444484  
Conc: 0.16 ng/ml



#13 Dieldrin

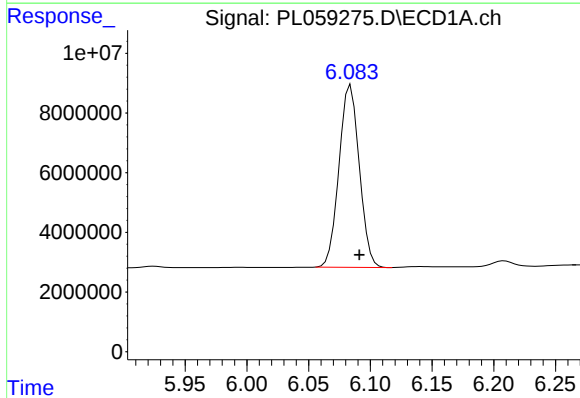
R.T.: 0.000 min  
Exp R.T.: 5.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



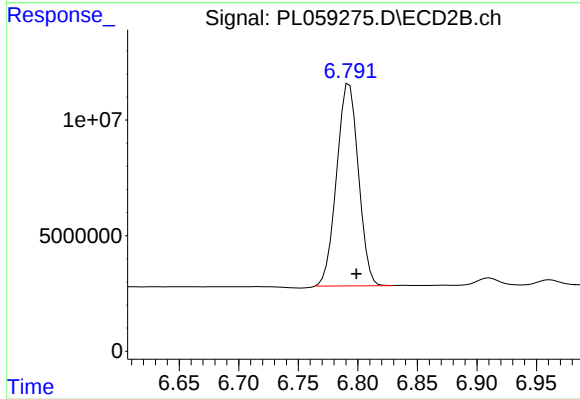
#13 Dieldrin

R.T.: 6.584 min  
Delta R.T.: 0.004 min  
Response: 162691  
Conc: 0.06 ng/ml



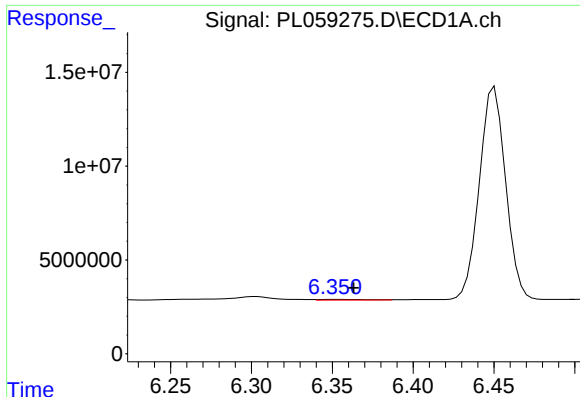
#14 Endrin

R.T.: 6.084 min  
Delta R.T.: -0.007 min  
Response: 69974454  
Conc: 46.18 ng/ml



#14 Endrin

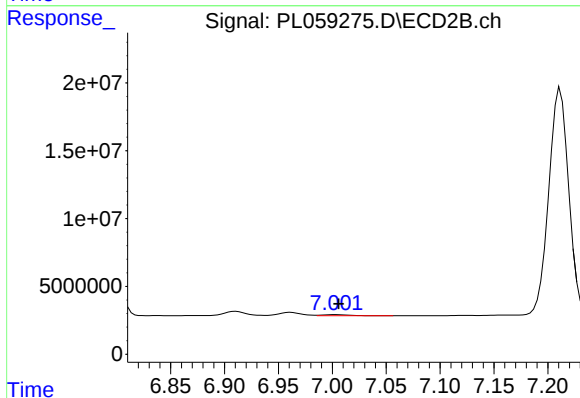
R.T.: 6.793 min  
Delta R.T.: -0.006 min  
Response: 111412537  
Conc: 44.74 ng/ml



#15 Endosulfan II

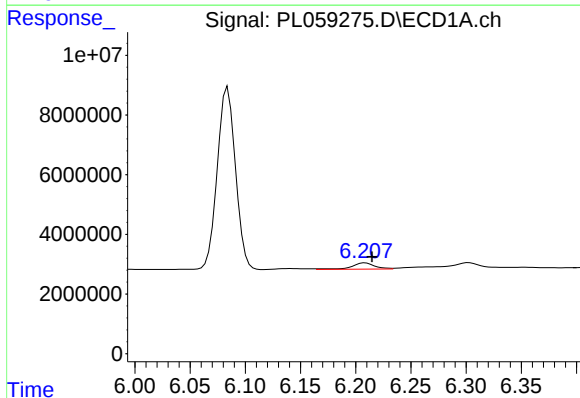
R.T.: 6.352 min  
Delta R.T.: -0.011 min  
Response: 731434  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



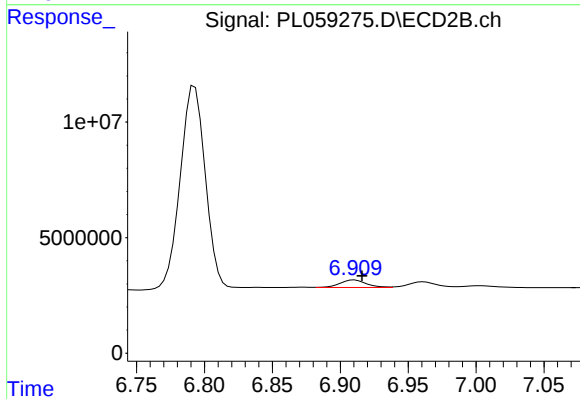
#15 Endosulfan II

R.T.: 7.003 min  
Delta R.T.: -0.003 min  
Response: 1335302  
Conc: 0.51 ng/ml



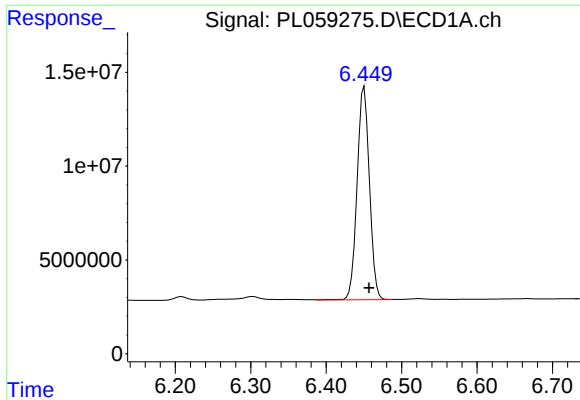
#16 4,4'-DDD

R.T.: 6.209 min  
Delta R.T.: -0.006 min  
Response: 3001166  
Conc: 2.27 ng/ml



#16 4,4'-DDD

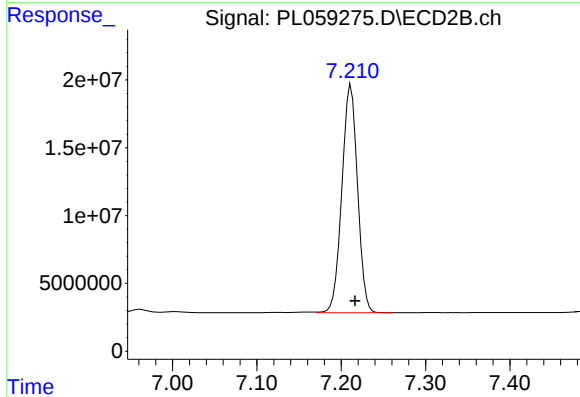
R.T.: 6.911 min  
Delta R.T.: -0.006 min  
Response: 4374469  
Conc: 1.88 ng/ml



#17 4,4'-DDT

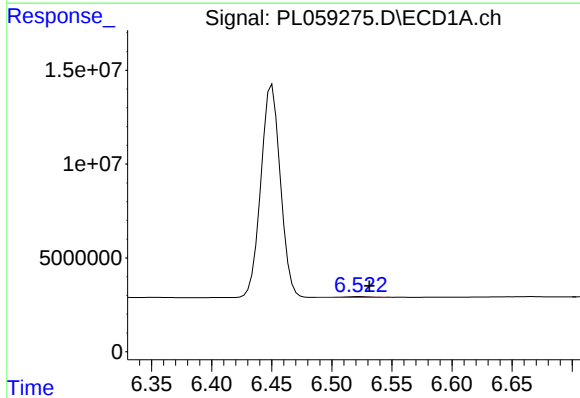
R.T.: 6.450 min  
Delta R.T.: -0.006 min  
Response: 128831097  
Conc: 102.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



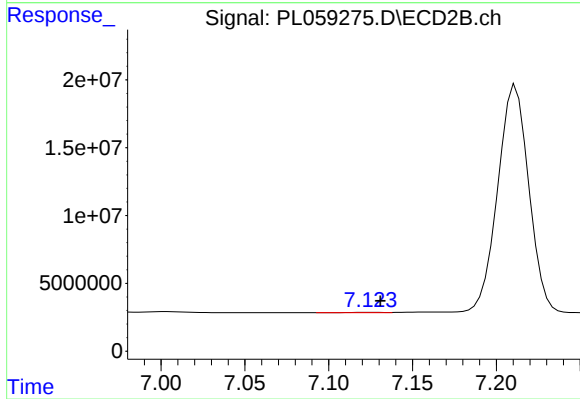
#17 4,4'-DDT

R.T.: 7.212 min  
Delta R.T.: -0.005 min  
Response: 216984509  
Conc: 95.29 ng/ml



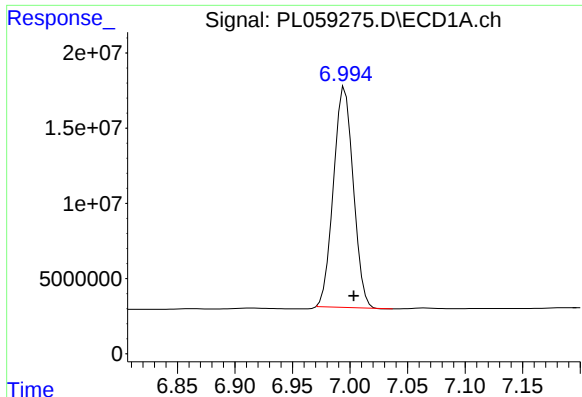
#18 Endrin aldehyde

R.T.: 6.523 min  
Delta R.T.: -0.008 min  
Response: 853440  
Conc: 0.65 ng/ml



#18 Endrin aldehyde

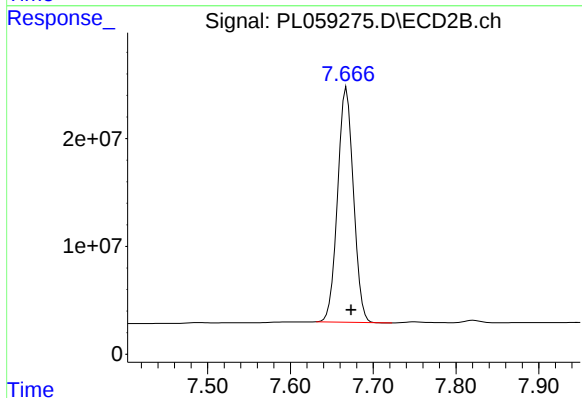
R.T.: 7.125 min  
Delta R.T.: -0.006 min  
Response: 404209  
Conc: 0.18 ng/ml



#20 Methoxychlor

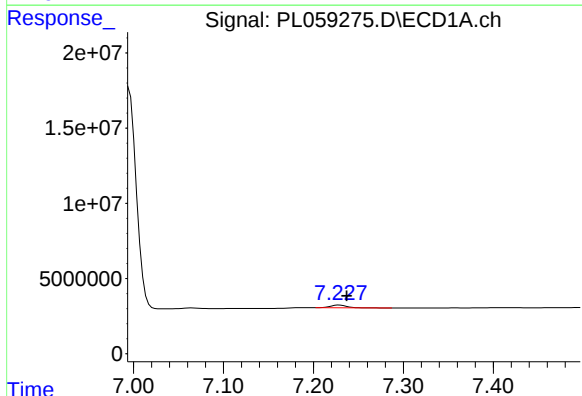
R.T.: 6.995 min  
Delta R.T.: -0.008 min  
Response: 175653275  
Conc: 228.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



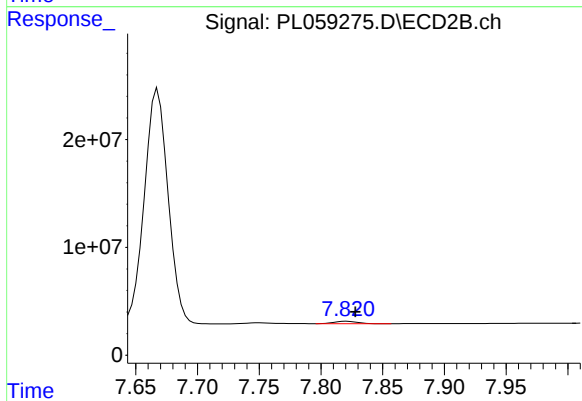
#20 Methoxychlor

R.T.: 7.668 min  
Delta R.T.: -0.006 min  
Response: 289140062  
Conc: 219.27 ng/ml



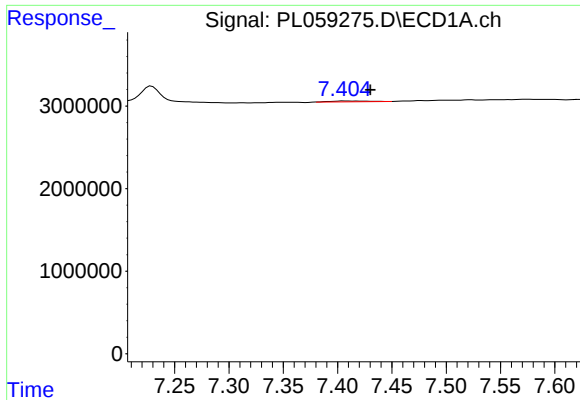
#21 Endrin ketone

R.T.: 7.229 min  
Delta R.T.: -0.008 min  
Response: 2233672  
Conc: 1.29 ng/ml



#21 Endrin ketone

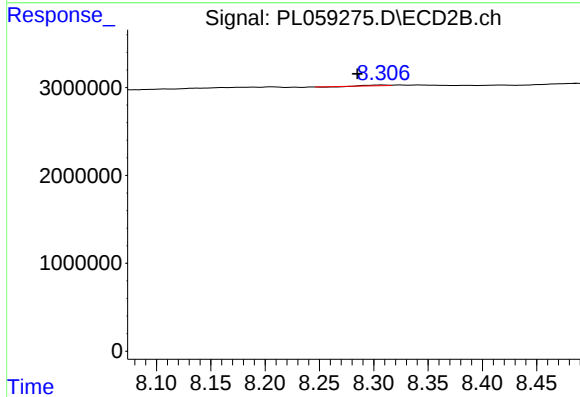
R.T.: 7.821 min  
Delta R.T.: -0.007 min  
Response: 2965869  
Conc: 1.13 ng/ml



#22 Mirex

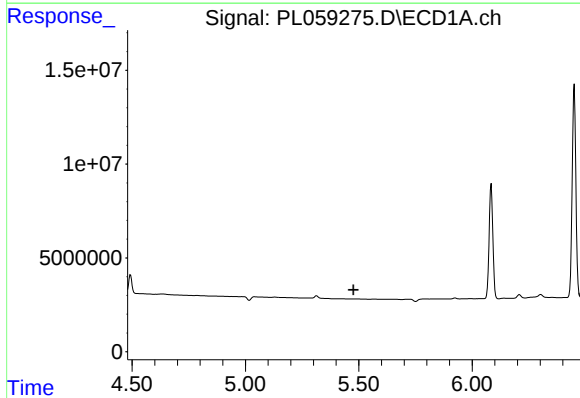
R.T.: 7.406 min  
Delta R.T.: -0.024 min  
Response: 220741  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



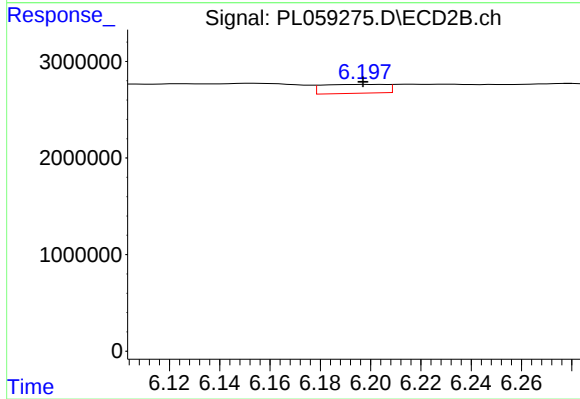
#22 Mirex

R.T.: 8.307 min  
Delta R.T.: 0.022 min  
Response: 57794  
Conc: 0.03 ng/ml



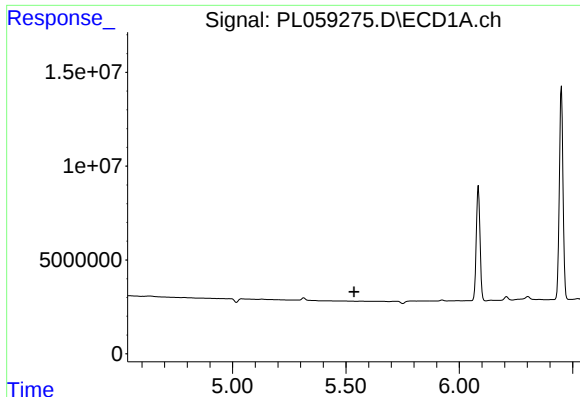
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.477 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

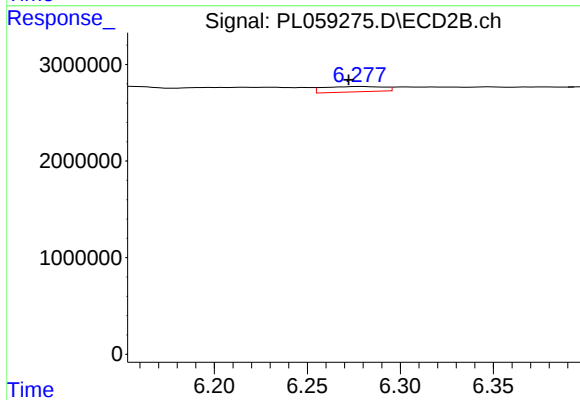
R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 1632563  
Conc: 4.35 ng/ml



#26 Chlordane-4

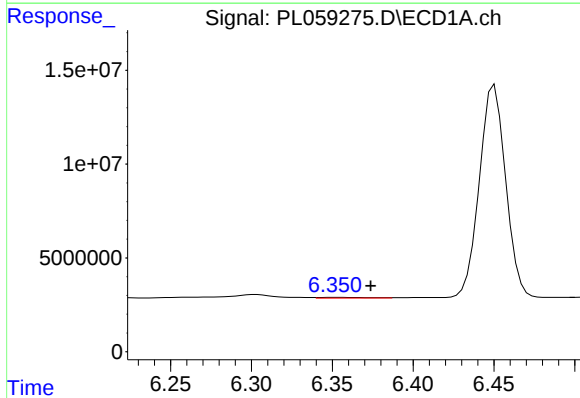
R.T.: 0.000 min  
Exp R.T.: 5.535 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



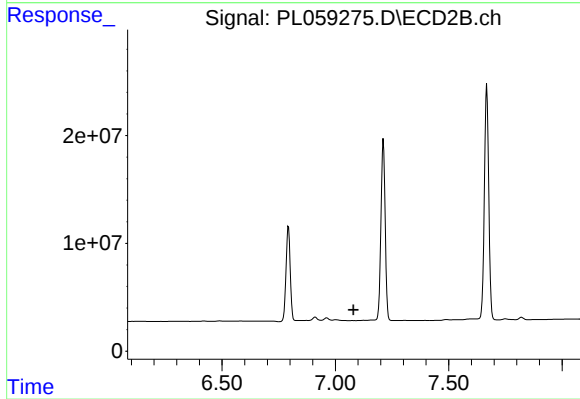
#26 Chlordane-4

R.T.: 6.279 min  
Delta R.T.: 0.007 min  
Response: 1241086  
Conc: 2.73 ng/ml



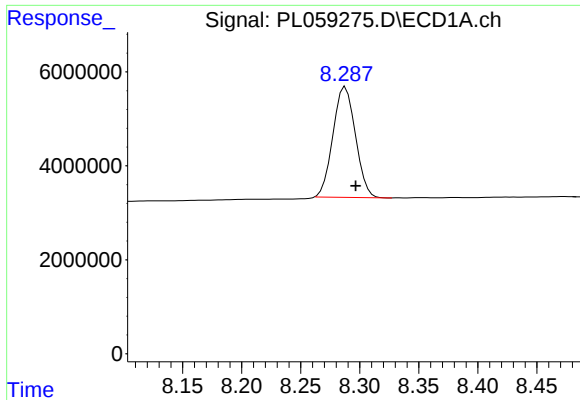
#27 Chlordane-5

R.T.: 6.352 min  
Delta R.T.: -0.021 min  
Response: 731434  
Conc: 14.70 ng/ml



#27 Chlordane-5

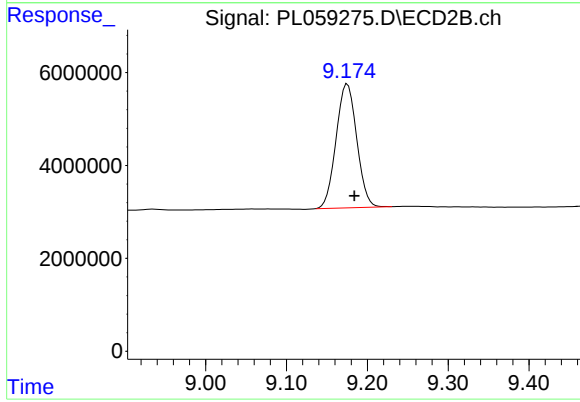
R.T.: 0.000 min  
Exp R.T.: 7.080 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.288 min  
Delta R.T.: -0.009 min  
Response: 31216954  
Conc: 18.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.175 min  
Delta R.T.: -0.009 min  
Response: 47394136  
Conc: 19.99 ng/ml