

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
 Data File : PL059618.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jul 2020 01:02  
 Operator : AJ\MA  
 Sample : L3153-43  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 01:39:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 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... | 3.517  | 4.072  | 36722669 | 58376819   | 20.446   | 21.951    |
| 2)                          | SA Decachlor... | 8.294  | 9.181  | 147.8E6  | -177660696 | 96.296   | N.D. #    |
| Target Compounds            |                 |        |        |          |            |          |           |
| 2)                          | A alpha-BHC     | 3.966  | 4.493f | 2518965  | -234578    | 0.979    | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.247  | 4.748  | 1315596  | 1737578    | 0.580    | 0.475     |
| 4)                          | MA Heptachlor   | 4.548  | 5.264  | 347095   | 2289316    | 0.166    | 0.653 #   |
| 5)                          | MB Aldrin       | 4.784  | 5.576  | 653943   | 592099     | 0.382    | 0.187 #   |
| 6)                          | B beta-BHC      | 4.507  | 4.902f | 1839248  | 1379345    | 1.960    | 0.896 #   |
| 8)                          | B Heptachlo...  | 5.244  | 5.933f | 29856    | 7596384    | 0.018    | 3.126 #   |
| 9)                          | A Endosulfan I  | 5.603f | 6.342f | 1434958  | 1190371    | 0.933    | 0.441 #   |
| 10)                         | B gamma-Chl...  | 5.464  | 0.000  | 1400200  | 0          | 0.856    | N.D. #    |
| 11)                         | B alpha-Chl...  | 5.542  | 6.258  | 8423908  | 15248057   | 5.130    | 5.155     |
| 12)                         | B 4,4'-DDE      | 5.692  | 6.425  | 3963.7E6 | 6200.9E6   | 2644.076 | 2324.346  |
| 13)                         | MA Dieldrin     | 5.827  | 6.578  | 171.8E6  | 261.7E6    | 107.618  | 92.850    |
| 14)                         | MA Endrin       | 6.084  | 6.821f | 215.7E6  | 358.7E6    | 145.869  | 145.852   |
| 15)                         | B Endosulfa...  | 6.340f | 7.003  | 2666165  | 21081505   | 1.757    | 8.207 #   |
| 16)                         | A 4,4'-DDD      | 6.208  | 6.915  | 35035991 | 66246940   | 26.247   | 27.822    |
| 17)                         | MA 4,4'-DDT     | 6.450  | 7.217  | 2590.1E6 | 4052.4E6   | 2040.291 | 1791.827  |
| 18)                         | B Endrin al...  | 6.505f | 0.000  | 38678554 | 0          | 30.646   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.751  | 7.350  | 190.6E6  | 6501076    | 132.754  | 2.716 #   |
| 21)                         | B Endrin ke...  | 7.215  | 7.812  | 15809449 | 406120     | 9.575    | 0.161 #   |
| 22)                         | Mirex           | 7.408  | 0.000  | 6456205  | 0          | 4.972    | N.D. #    |
| 23)                         | Chlordane-1     | 4.393  | 5.047f | 1340046  | 13866101   | 25.714   | 128.434 # |
| 25)                         | Chlordane-3     | 5.464  | 0.000  | 1400200  | 0          | 9.832    | N.D. #    |
| 26)                         | Chlordane-4     | 5.542  | 6.258  | 8423908  | 15248057   | 70.484   | 33.854 #  |
| 27)                         | Chlordane-5     | 6.340f | 7.069  | 2666165  | 5926081    | 51.898   | 68.099 #  |
| -----                       |                 |        |        |          |            |          |           |

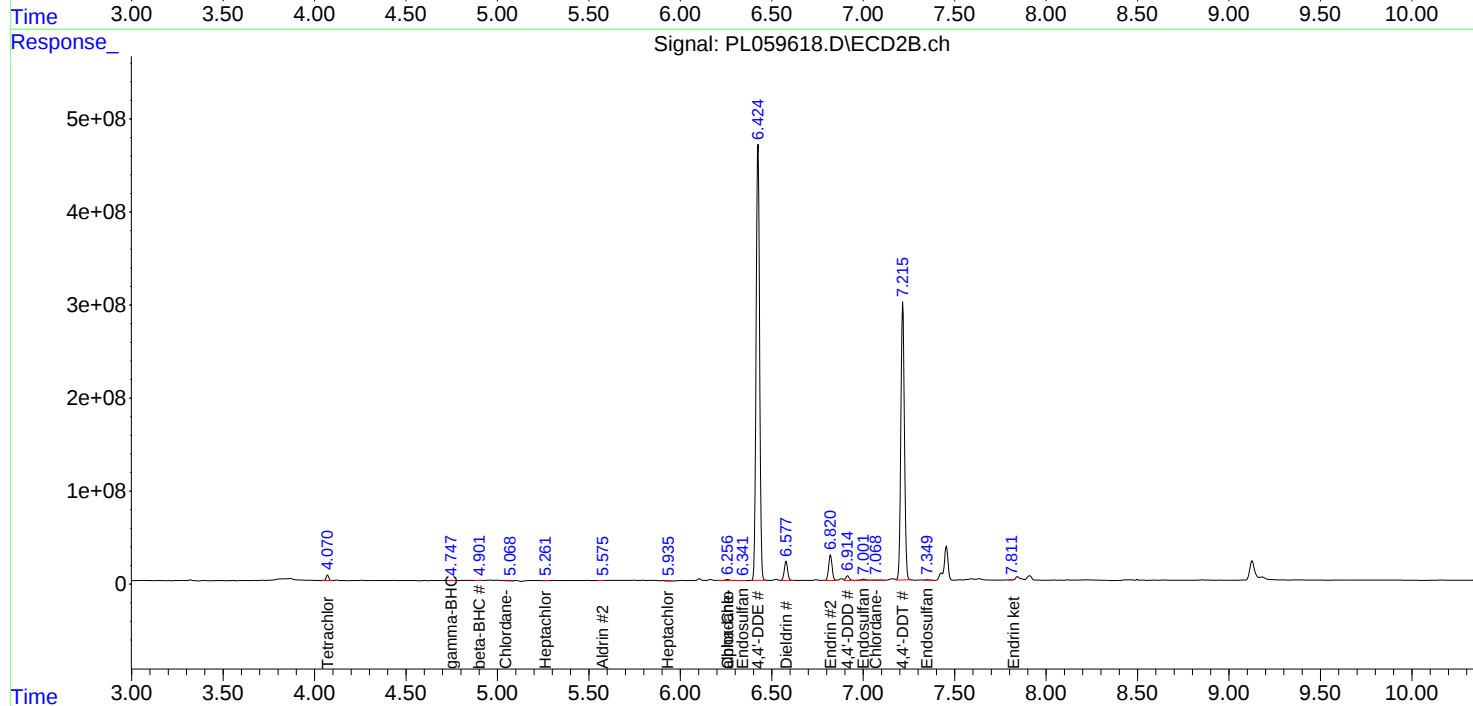
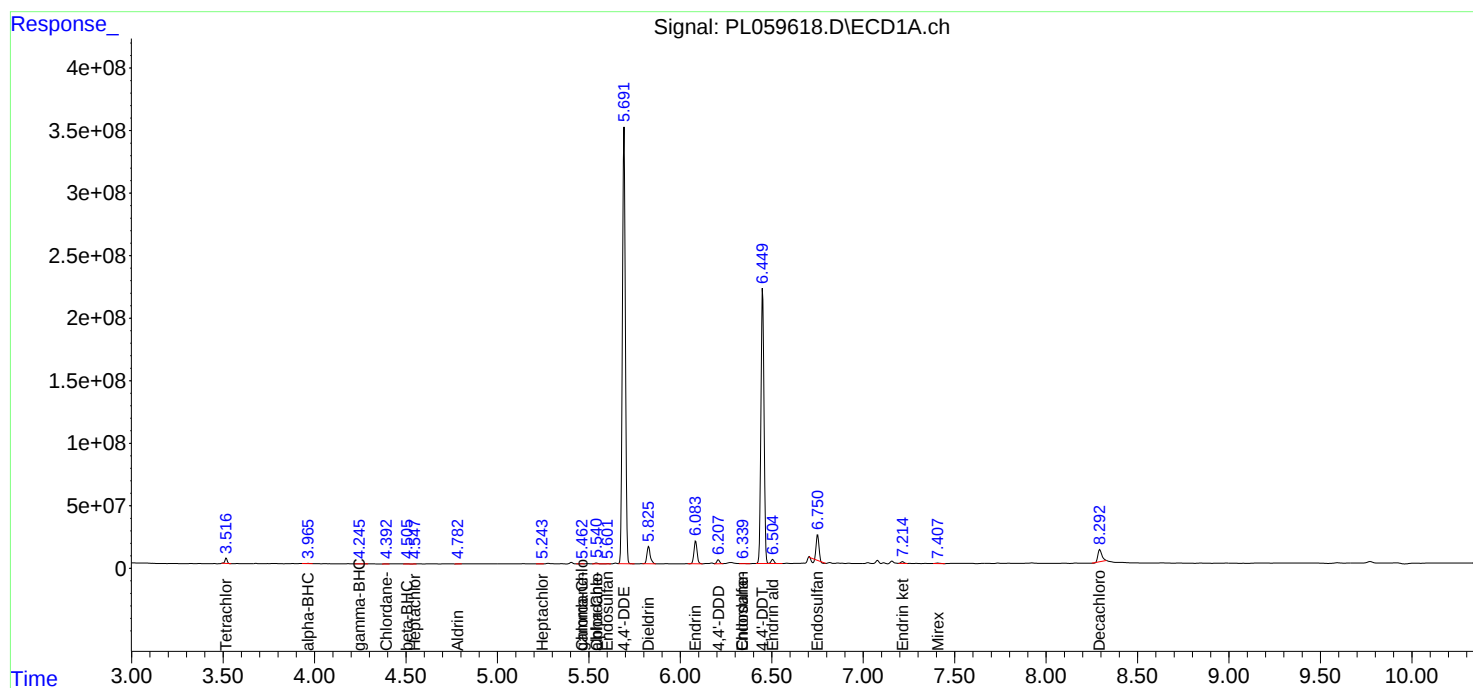
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

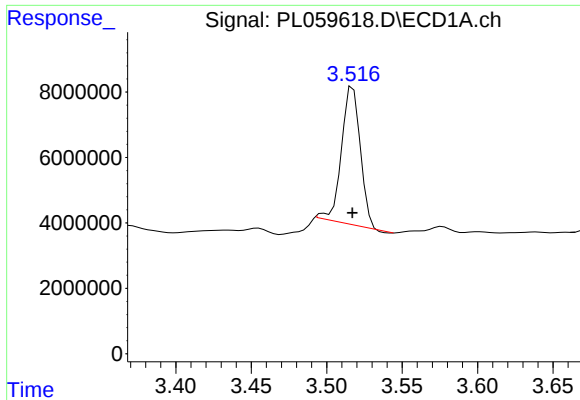
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
Data File : PL059618.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Jul 2020 01:02  
Operator : AJ\MA  
Sample : L3153-43  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 01:39:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 01 01:23:58 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

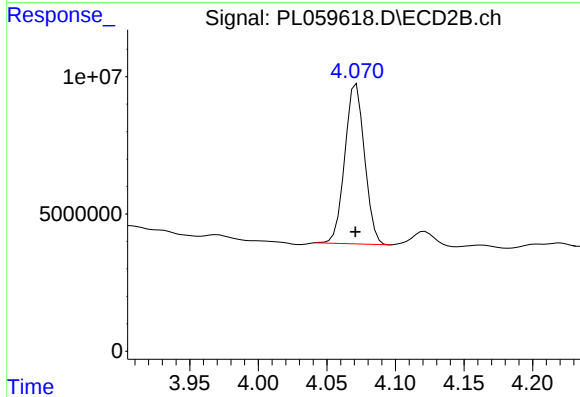




#1 Tetrachloro-m-xylene

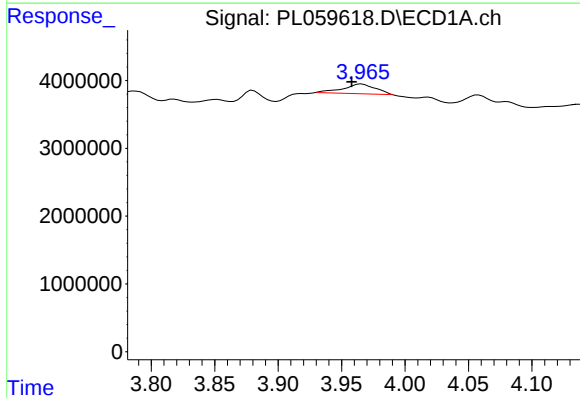
R.T.: 3.517 min  
Delta R.T.: 0.000 min  
Response: 36722669  
Conc: 20.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



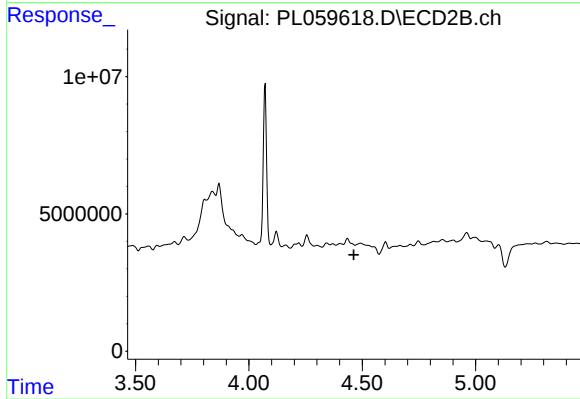
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 58376819  
Conc: 21.95 ng/ml



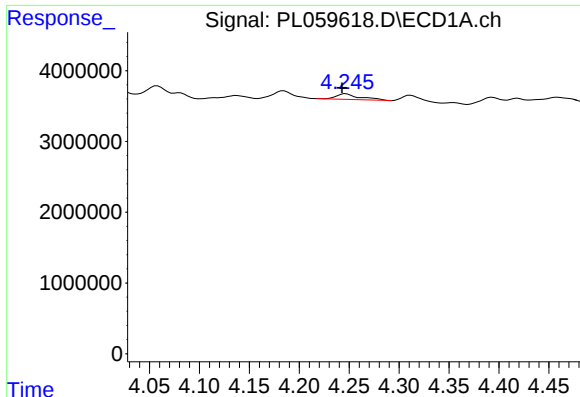
#2 alpha-BHC

R.T.: 3.966 min  
Delta R.T.: 0.008 min  
Response: 2518965  
Conc: 0.98 ng/ml



#2 alpha-BHC

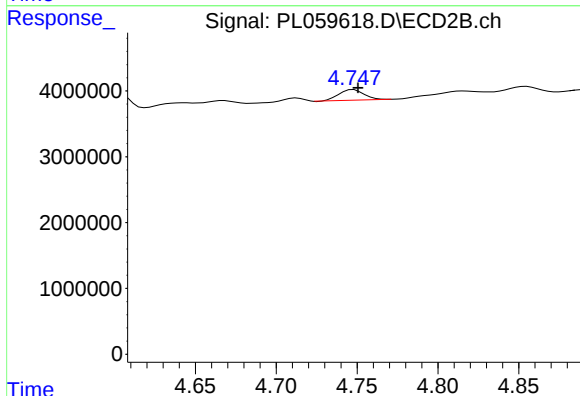
R.T.: 4.493 min  
Delta R.T.: 0.030 min  
Response: -234578  
Conc: N.D.



#3 gamma-BHC (Lindane)

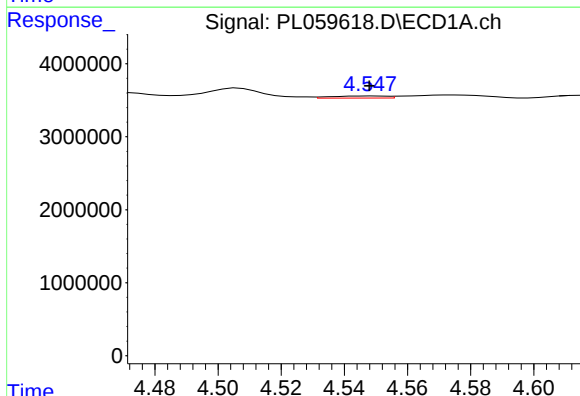
R.T.: 4.247 min  
Delta R.T.: 0.004 min  
Response: 1315596  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



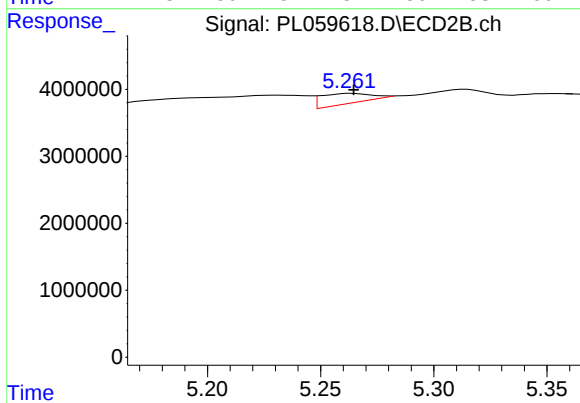
#3 gamma-BHC (Lindane)

R.T.: 4.748 min  
Delta R.T.: -0.003 min  
Response: 1737578  
Conc: 0.48 ng/ml



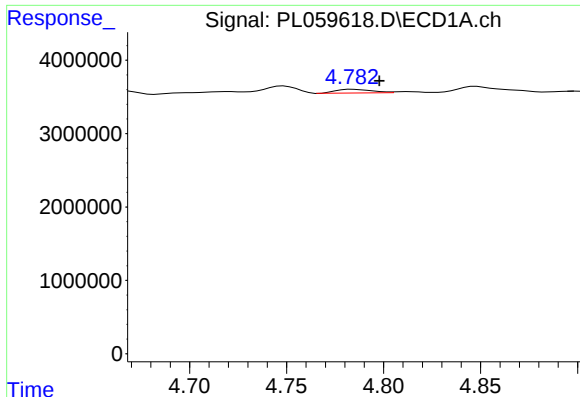
#4 Heptachlor

R.T.: 4.548 min  
Delta R.T.: 0.000 min  
Response: 347095  
Conc: 0.17 ng/ml



#4 Heptachlor

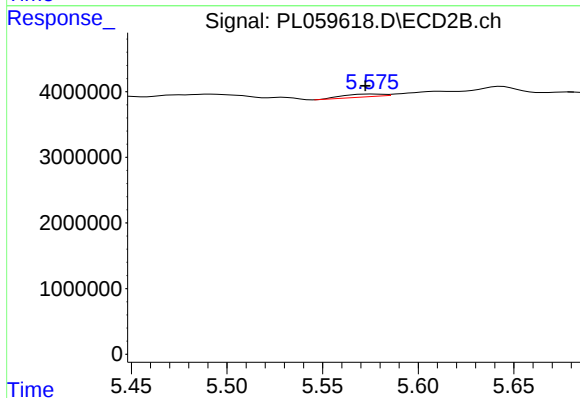
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 2289316  
Conc: 0.65 ng/ml



#5 Aldrin

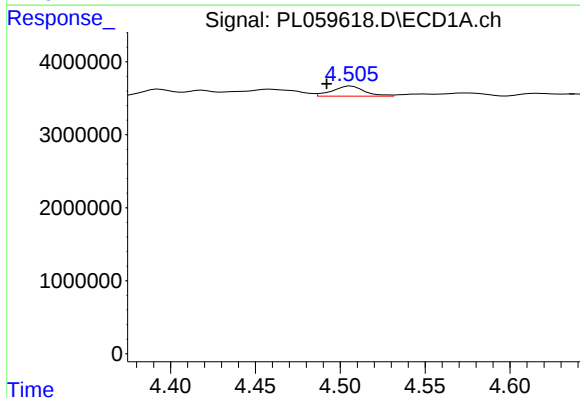
R.T.: 4.784 min  
Delta R.T.: -0.014 min  
Response: 653943  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



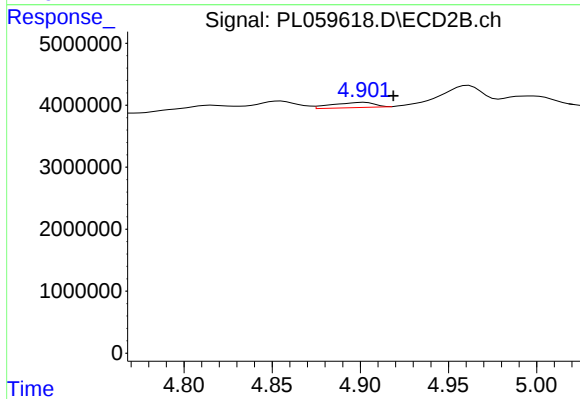
#5 Aldrin

R.T.: 5.576 min  
Delta R.T.: 0.003 min  
Response: 592099  
Conc: 0.19 ng/ml



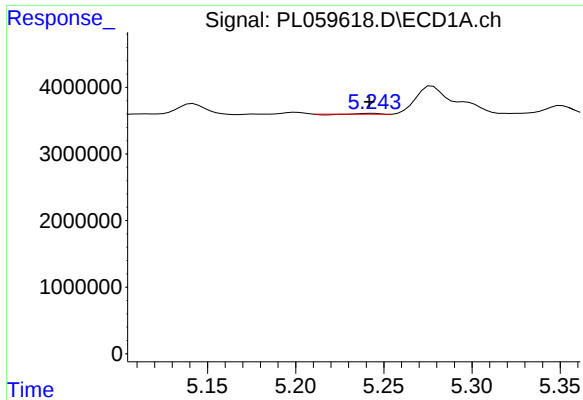
#6 beta-BHC

R.T.: 4.507 min  
Delta R.T.: 0.015 min  
Response: 1839248  
Conc: 1.96 ng/ml



#6 beta-BHC

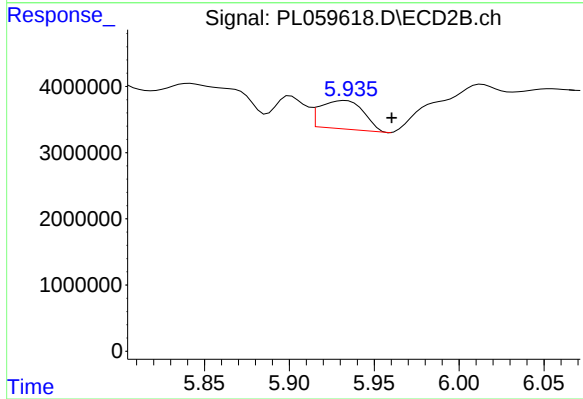
R.T.: 4.902 min  
Delta R.T.: -0.017 min  
Response: 1379345  
Conc: 0.90 ng/ml



#8 Heptachlor epoxide

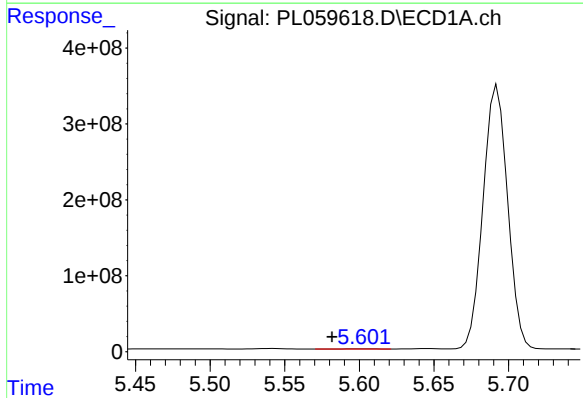
R.T.: 5.244 min  
Delta R.T.: 0.002 min  
Response: 29856  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



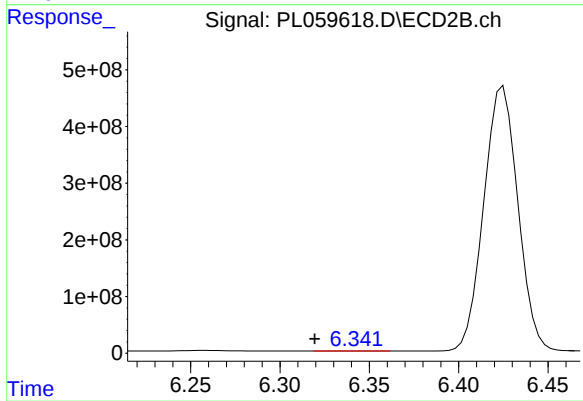
#8 Heptachlor epoxide

R.T.: 5.933 min  
Delta R.T.: -0.027 min  
Response: 7596384  
Conc: 3.13 ng/ml



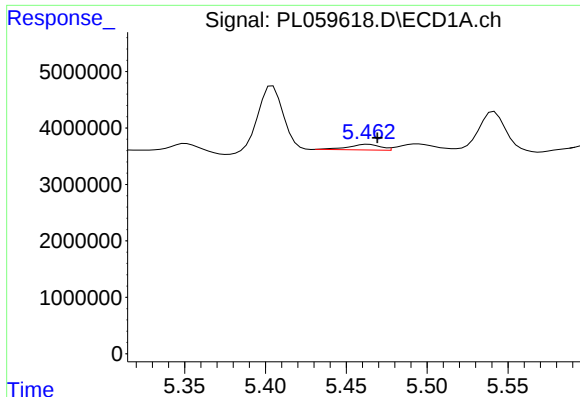
#9 Endosulfan I

R.T.: 5.603 min  
Delta R.T.: 0.021 min  
Response: 1434958  
Conc: 0.93 ng/ml



#9 Endosulfan I

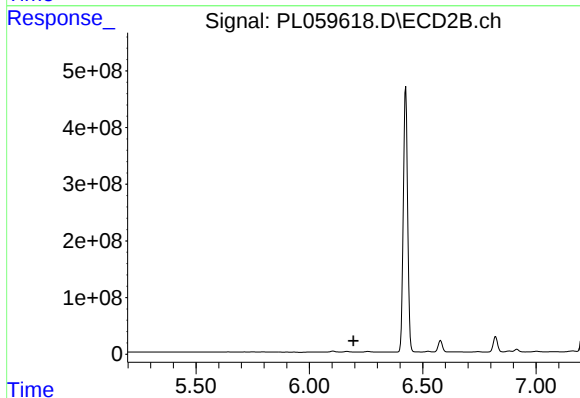
R.T.: 6.342 min  
Delta R.T.: 0.022 min  
Response: 1190371  
Conc: 0.44 ng/ml



#10 gamma-Chlordane

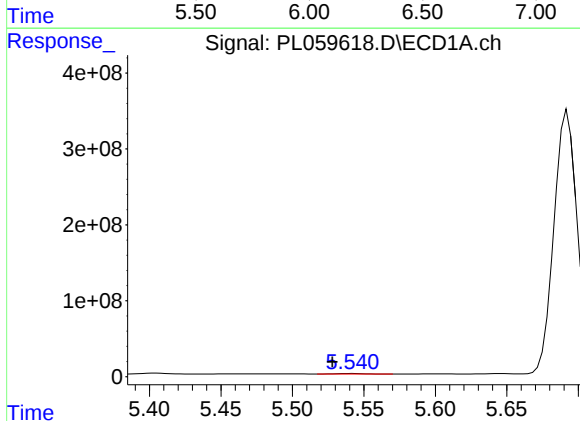
R.T.: 5.464 min  
Delta R.T.: -0.006 min  
Response: 1400200  
Conc: 0.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



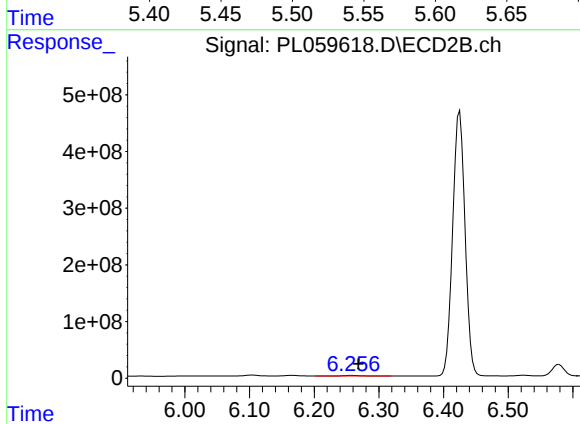
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.195 min  
Response: 0  
Conc: N.D.



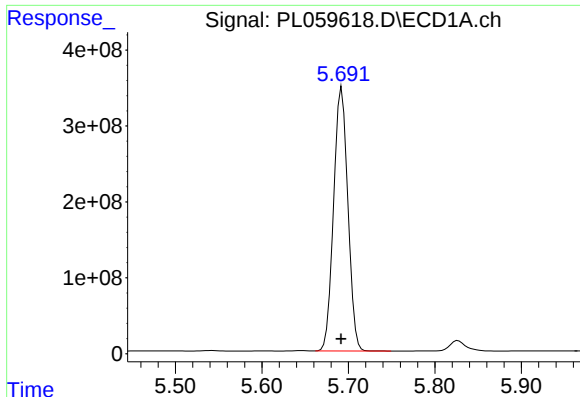
#11 alpha-Chlordane

R.T.: 5.542 min  
Delta R.T.: 0.014 min  
Response: 8423908  
Conc: 5.13 ng/ml



#11 alpha-Chlordane

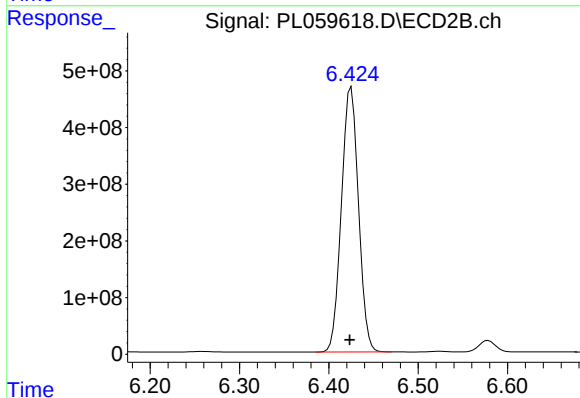
R.T.: 6.258 min  
Delta R.T.: -0.011 min  
Response: 15248057  
Conc: 5.16 ng/ml



#12 4,4'-DDE

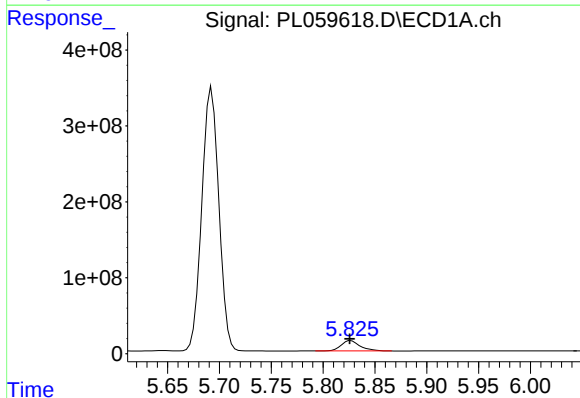
R.T.: 5.692 min  
Delta R.T.: 0.001 min  
Response: 3963740704  
Conc: 2644.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



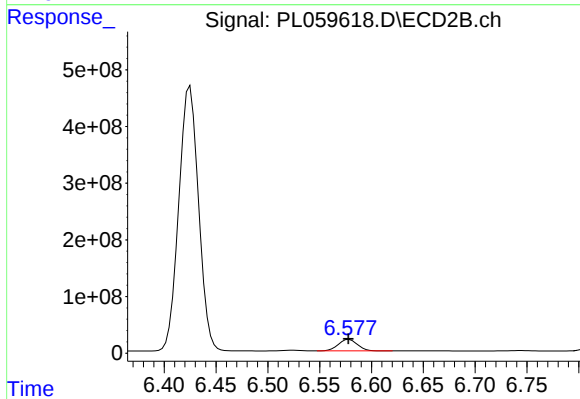
#12 4,4'-DDE

R.T.: 6.425 min  
Delta R.T.: 0.002 min  
Response: 6200874005  
Conc: 2324.35 ng/ml



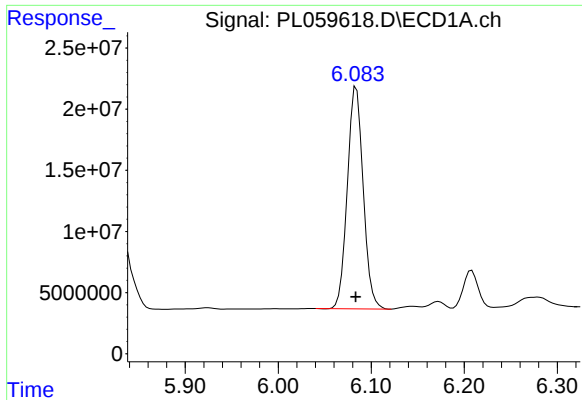
#13 Dieldrin

R.T.: 5.827 min  
Delta R.T.: 0.001 min  
Response: 171806913  
Conc: 107.62 ng/ml



#13 Dieldrin

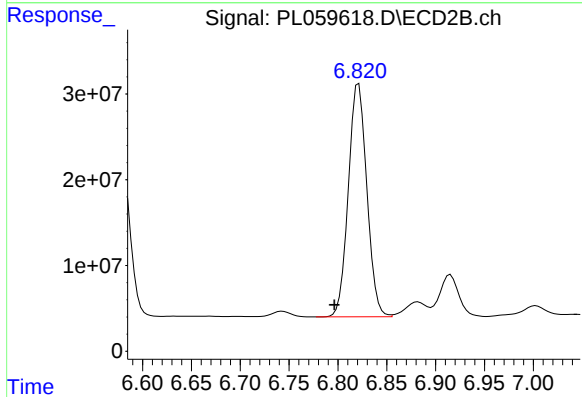
R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 261651570  
Conc: 92.85 ng/ml



#14 Endrin

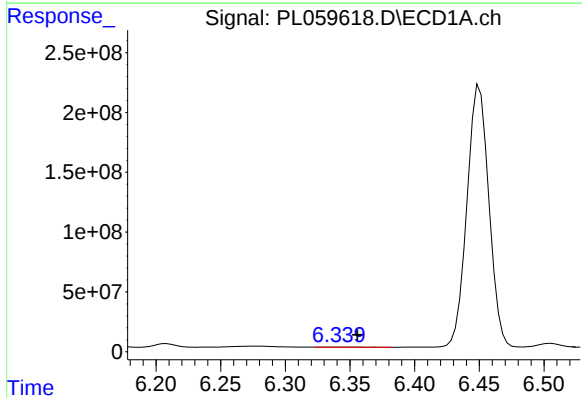
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 215687761  
Conc: 145.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



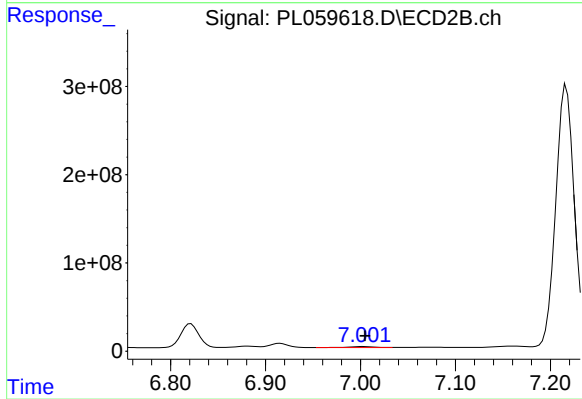
#14 Endrin

R.T.: 6.821 min  
Delta R.T.: 0.025 min  
Response: 358693109  
Conc: 145.85 ng/ml



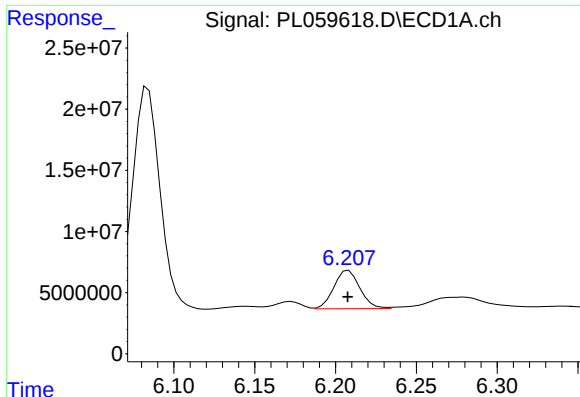
#15 Endosulfan II

R.T.: 6.340 min  
Delta R.T.: -0.015 min  
Response: 2666165  
Conc: 1.76 ng/ml



#15 Endosulfan II

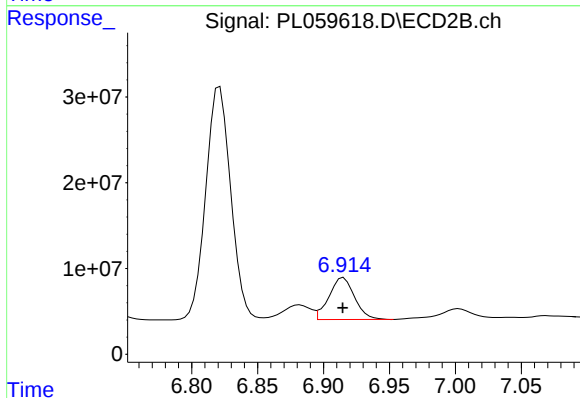
R.T.: 7.003 min  
Delta R.T.: -0.002 min  
Response: 21081505  
Conc: 8.21 ng/ml



#16 4,4'-DDD

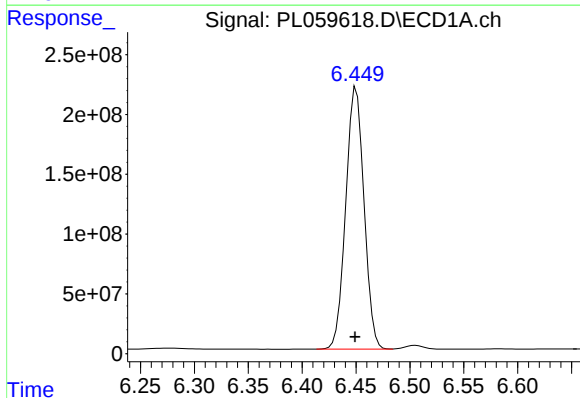
R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 35035991  
Conc: 26.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



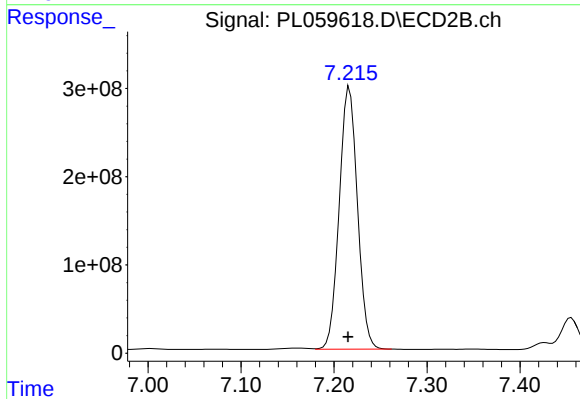
#16 4,4'-DDD

R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 66246940  
Conc: 27.82 ng/ml



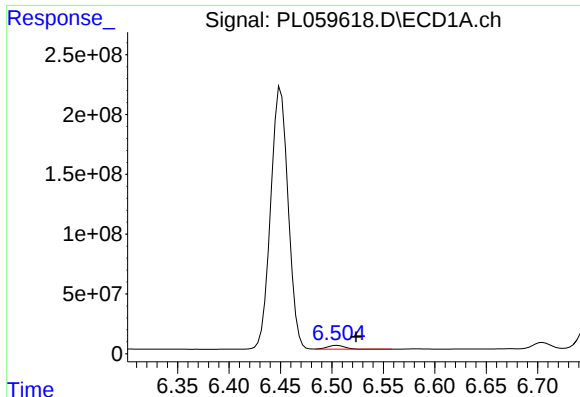
#17 4,4'-DDT

R.T.: 6.450 min  
Delta R.T.: 0.001 min  
Response: 2590143454  
Conc: 2040.29 ng/ml



#17 4,4'-DDT

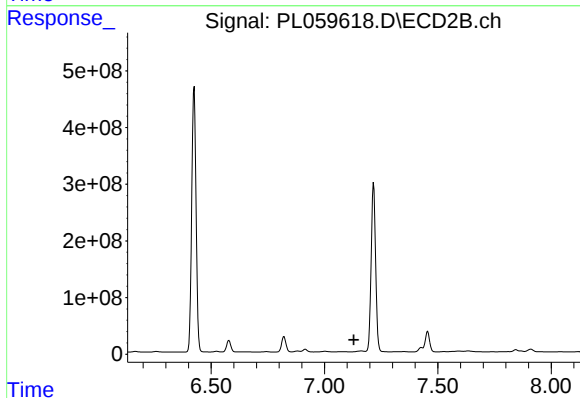
R.T.: 7.217 min  
Delta R.T.: 0.002 min  
Response: 4052364464  
Conc: 1791.83 ng/ml



#18 Endrin aldehyde

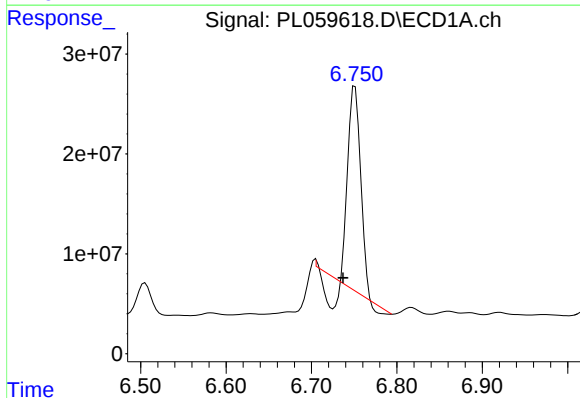
R.T.: 6.505 min  
Delta R.T.: -0.018 min  
Response: 38678554  
Conc: 30.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



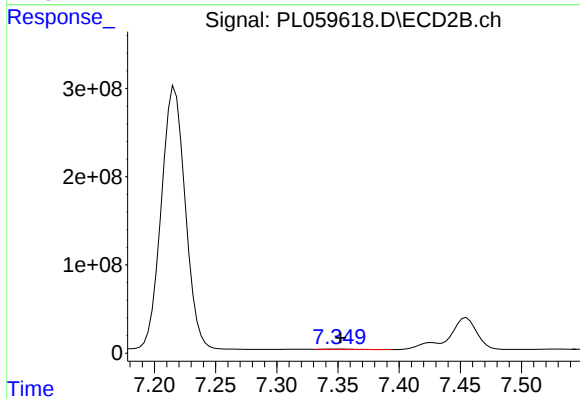
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.129 min  
Response: 0  
Conc: N.D.



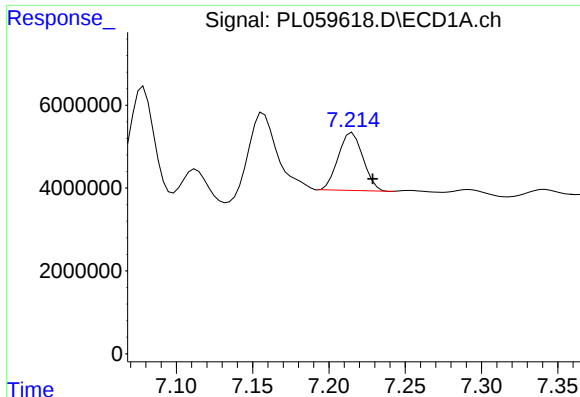
#19 Endosulfan Sulfate

R.T.: 6.751 min  
Delta R.T.: 0.014 min  
Response: 190585850  
Conc: 132.75 ng/ml



#19 Endosulfan Sulfate

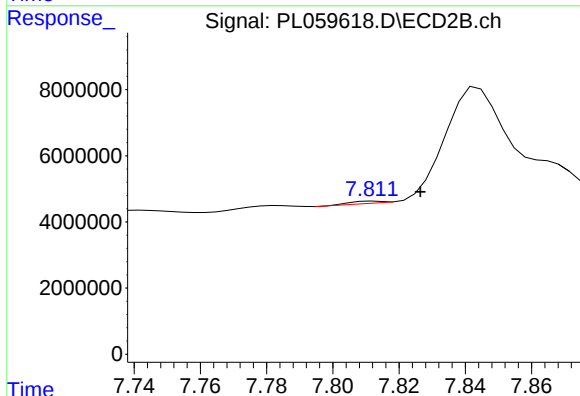
R.T.: 7.350 min  
Delta R.T.: -0.002 min  
Response: 6501076  
Conc: 2.72 ng/ml



#21 Endrin ketone

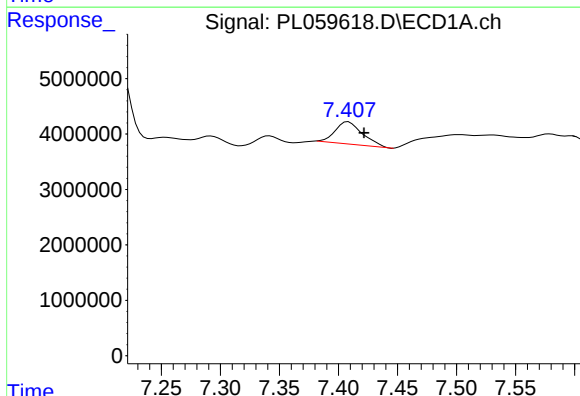
R.T.: 7.215 min  
Delta R.T.: -0.013 min  
Response: 15809449  
Conc: 9.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



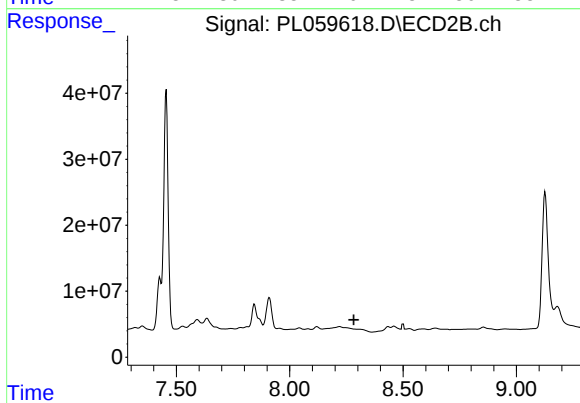
#21 Endrin ketone

R.T.: 7.812 min  
Delta R.T.: -0.014 min  
Response: 406120  
Conc: 0.16 ng/ml



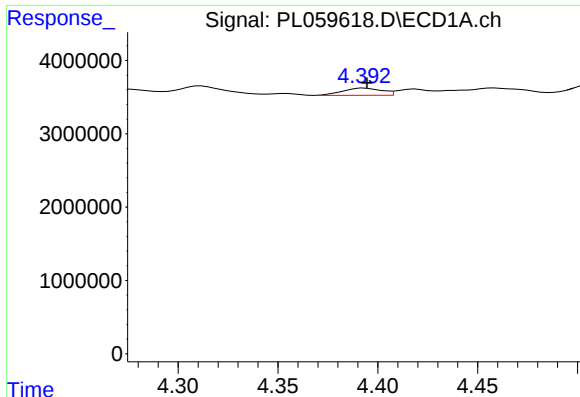
#22 Mirex

R.T.: 7.408 min  
Delta R.T.: -0.013 min  
Response: 6456205  
Conc: 4.97 ng/ml



#22 Mirex

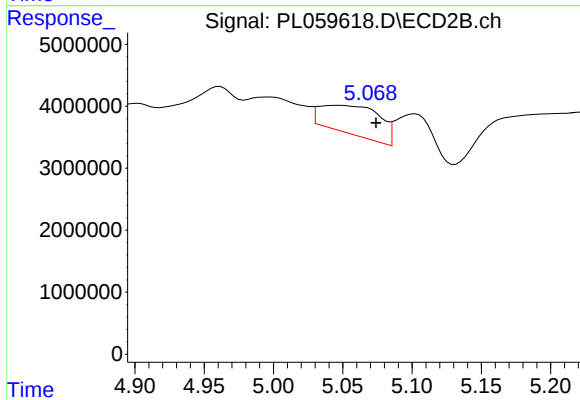
R.T.: 0.000 min  
Exp R.T.: 8.283 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

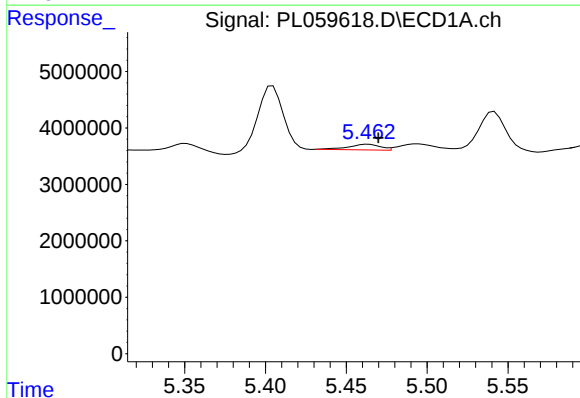
R.T.: 4.393 min  
Delta R.T.: -0.001 min  
Response: 1340046  
Conc: 25.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



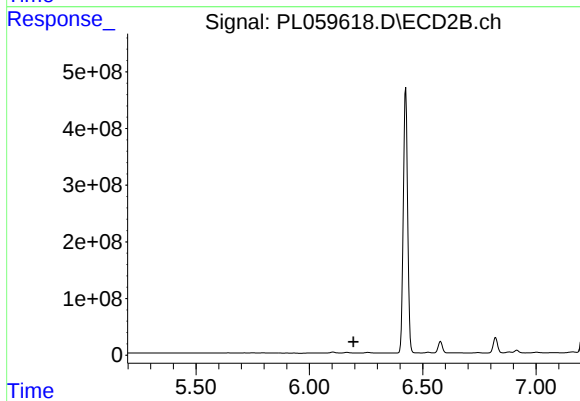
#23 Chlordane-1

R.T.: 5.047 min  
Delta R.T.: -0.027 min  
Response: 13866101  
Conc: 128.43 ng/ml



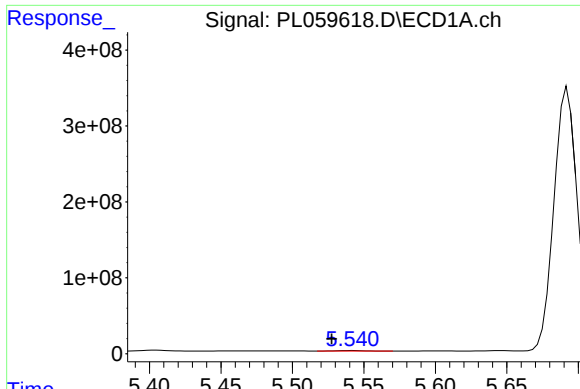
#25 Chlordane-3

R.T.: 5.464 min  
Delta R.T.: -0.006 min  
Response: 1400200  
Conc: 9.83 ng/ml



#25 Chlordane-3

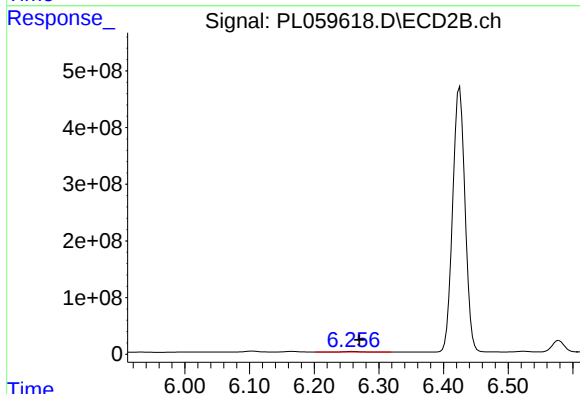
R.T.: 0.000 min  
Exp R.T.: 6.195 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

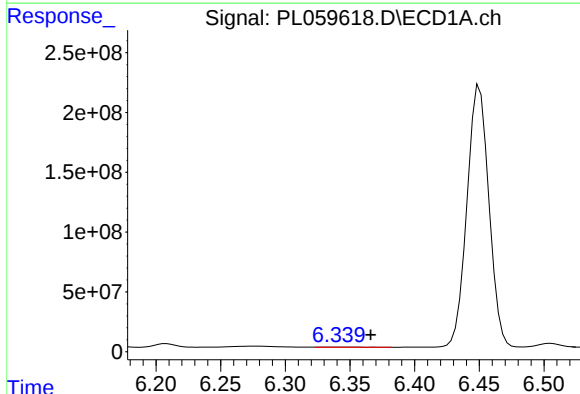
R.T.: 5.542 min  
Delta R.T.: 0.014 min  
Response: 8423908  
Conc: 70.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



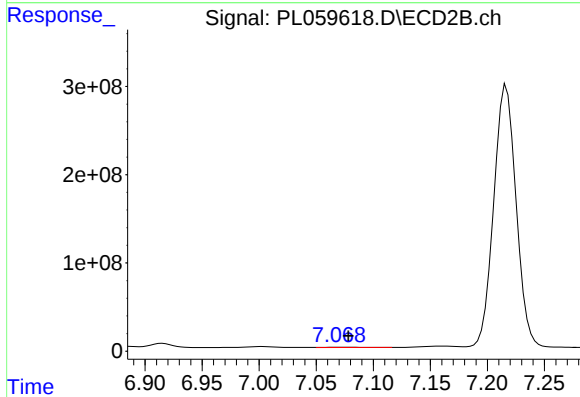
#26 Chlordane-4

R.T.: 6.258 min  
Delta R.T.: -0.012 min  
Response: 15248057  
Conc: 33.85 ng/ml



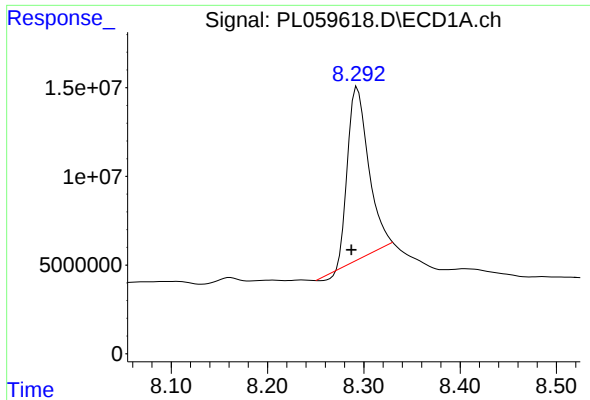
#27 Chlordane-5

R.T.: 6.340 min  
Delta R.T.: -0.026 min  
Response: 2666165  
Conc: 51.90 ng/ml



#27 Chlordane-5

R.T.: 7.069 min  
Delta R.T.: -0.009 min  
Response: 5926081  
Conc: 68.10 ng/ml



#28 Decachlorobiphenyl

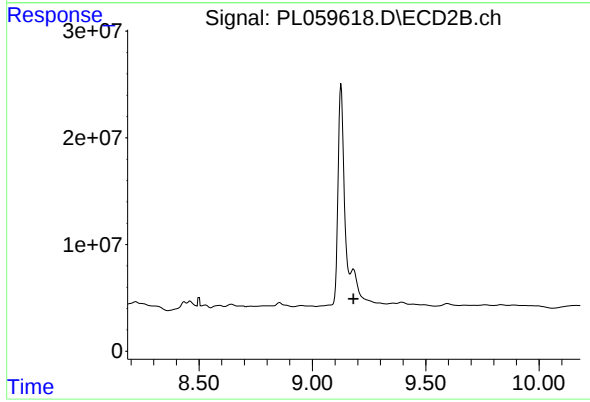
R.T.: 8.294 min

Delta R.T.: 0.006 min

Response: 147836212

Conc: 96.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.181 min

Delta R.T.: -0.001 min

Response: -177660696

Conc: N.D.