

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052020\  
 Data File : PL058813.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 May 2020 13:07  
 Operator : AJ\MA  
 Sample : L2686-02 5X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 17:25:59 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 11:27:53 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... | 3.529  | 4.076  | 5418690  | 7024954  | 2.955    | 2.594     |
| 28)                         | SA Decachlor... | 8.308  | 9.187  | 8189175  | 9733220  | 4.847    | 3.692     |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.494f | 0        | 1678659  | N.D.     | 0.418 #   |
| 3)                          | MA gamma-BHC... | 4.263  | 4.736f | 1989017  | 1564909  | 0.843    | 0.413 #   |
| 4)                          | MA Heptachlor   | 4.566  | 0.000  | 1124540  | 0        | 0.500    | N.D. #    |
| 6)                          | B beta-BHC      | 4.519  | 0.000  | 675414   | 0        | 0.657    | N.D. #    |
| 7)                          | B delta-BHC     | 4.715  | 5.118f | 851861   | 6174305  | 0.397    | 1.693 #   |
| 8)                          | B Heptachlo...  | 5.261  | 5.970  | 9681562  | 6065063  | 5.246    | 18.389 #  |
| 9)                          | A Endosulfan I  | 5.623f | 0.000  | 21671453 | 0        | 12.767   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.490  | 6.199  | 45655170 | 100.2E6  | 24.902   | 30.259    |
| 11)                         | B alpha-Chl...  | 5.548  | 6.274  | 78402443 | 188.7E6  | 42.848   | 58.089 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.427  | 0        | 35766827 | N.D.     | 12.532 #  |
| 13)                         | MA Dieldrin     | 5.842  | 6.579  | 7469882  | 1399057  | 4.256    | 0.462 #   |
| 14)                         | MA Endrin       | 6.098  | 0.000  | 2246491  | 0        | 1.433    | N.D. #    |
| 15)                         | B Endosulfa...  | 6.387  | 7.015  | 34507991 | 13588839 | 20.712   | 4.848 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.916  | 0        | 7941439  | N.D.     | 3.329 #   |
| 17)                         | MA 4,4'-DDT     | 6.471  | 7.217  | 10845878 | 21180794 | 7.456    | 8.907     |
| 18)                         | B Endrin al...  | 6.557  | 7.125  | 1437007  | 3498431  | 1.018    | 1.483 #   |
| 19)                         | B Endosulfa...  | 6.776f | 7.356  | 2031330  | 4784497  | 1.245    | 1.821 #   |
| 20)                         | A Methoxychlor  | 7.002f | 7.679  | 845822   | 4102900  | 0.992    | 2.942 #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.851f | 0        | 733088   | N.D.     | 0.265 #   |
| 22)                         | Mirex           | 0.000  | 8.288  | 0        | 2875444  | N.D.     | 1.312 #   |
| 23)                         | Chlordane-1     | 4.410  | 5.079  | 2223974  | 3481101  | 42.506   | 36.294    |
| 24)                         | Chlordane-2     | 4.920  | 5.547  | 198.8E6  | 357.8E6  | 3417.173 | 3507.031  |
| 25)                         | Chlordane-3     | 5.490  | 6.199  | 45655170 | 100.2E6  | 304.417  | 263.280   |
| 26)                         | Chlordane-4     | 5.548  | 6.274  | 78402443 | 188.7E6  | 638.268  | 414.353 # |
| 27)                         | Chlordane-5     | 6.387  | 7.082  | 34507991 | 45702347 | 652.982  | 576.872   |
| -----                       |                 |        |        |          |          |          |           |

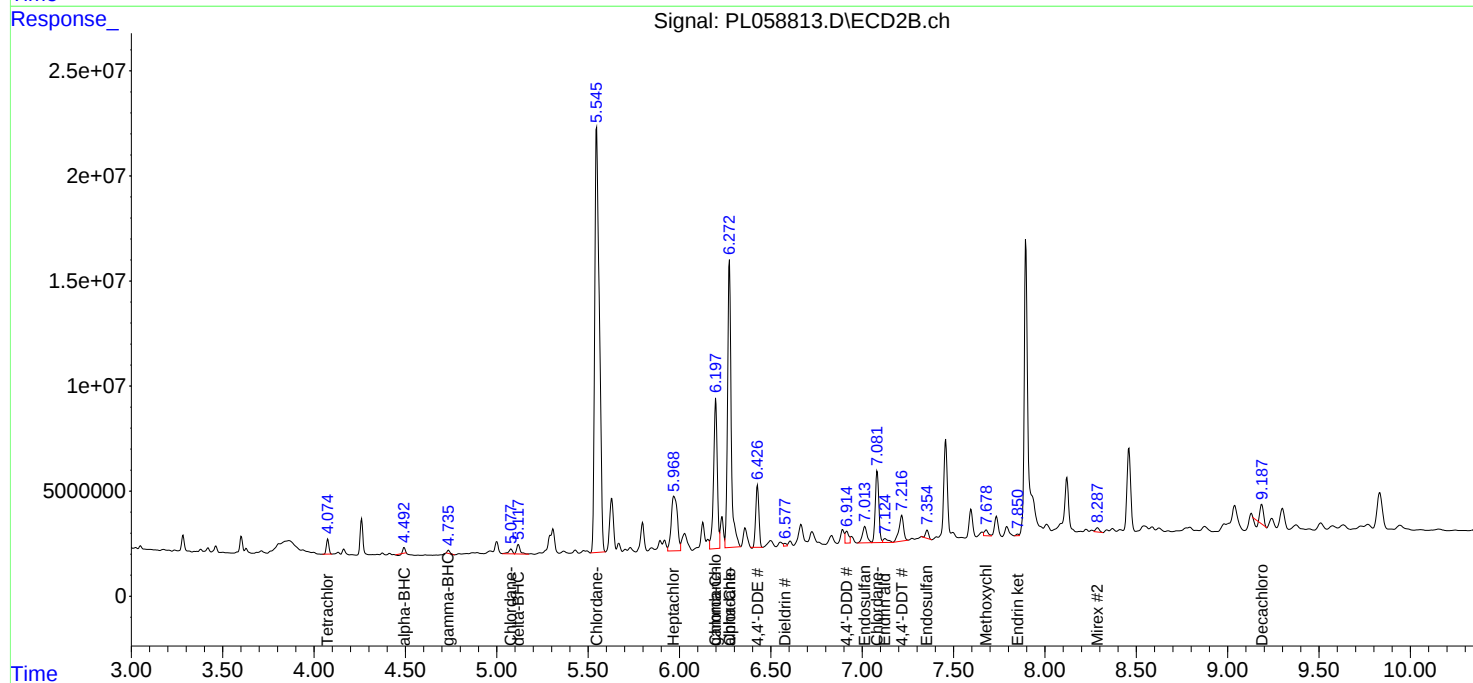
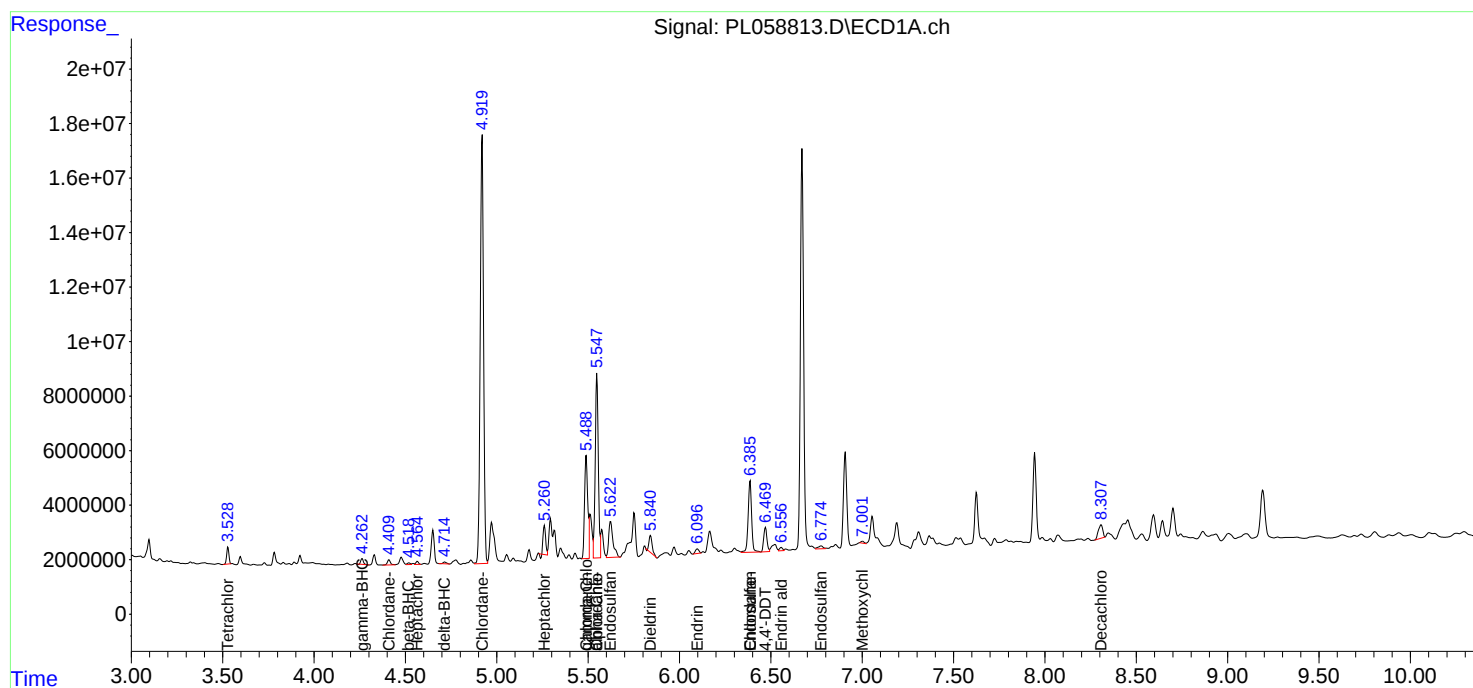
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

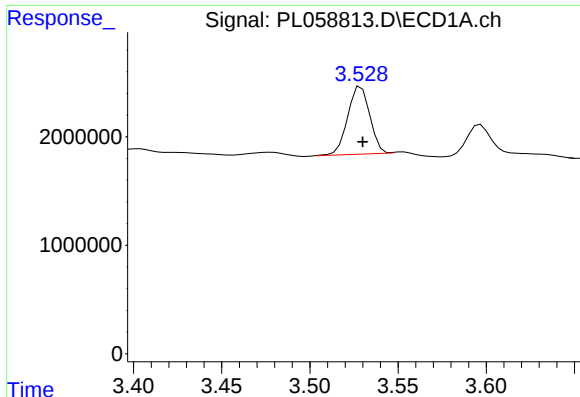
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052020\  
Data File : PL058813.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 May 2020 13:07  
Operator : AJ\MA  
Sample : L2686-02 5X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 17:25:59 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
Quant Title : GC Extractables  
QLast Update : Wed May 20 11:27:53 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

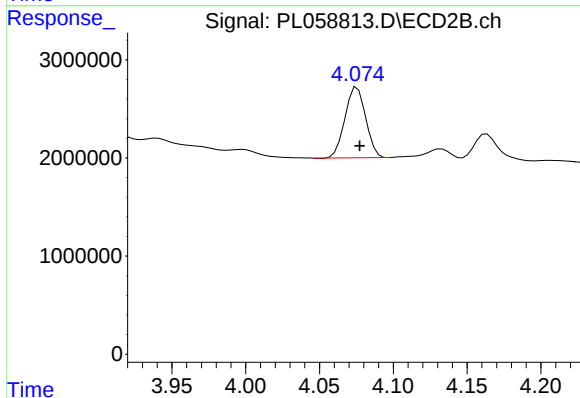




#1 Tetrachloro-m-xylene

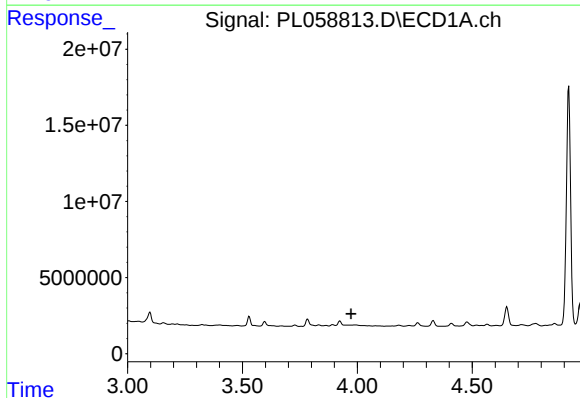
R.T.: 3.529 min  
Delta R.T.: 0.000 min  
Response: 5418690  
Conc: 2.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



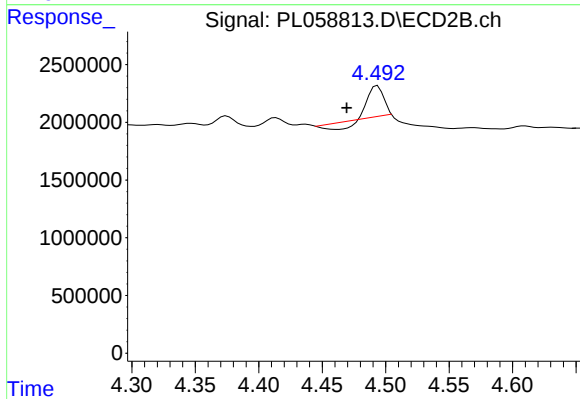
#1 Tetrachloro-m-xylene

R.T.: 4.076 min  
Delta R.T.: -0.002 min  
Response: 7024954  
Conc: 2.59 ng/ml



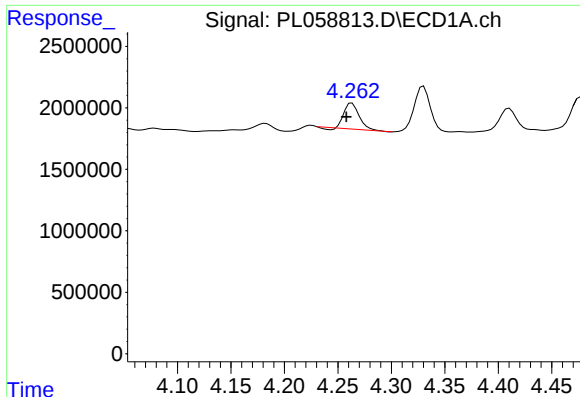
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.973 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

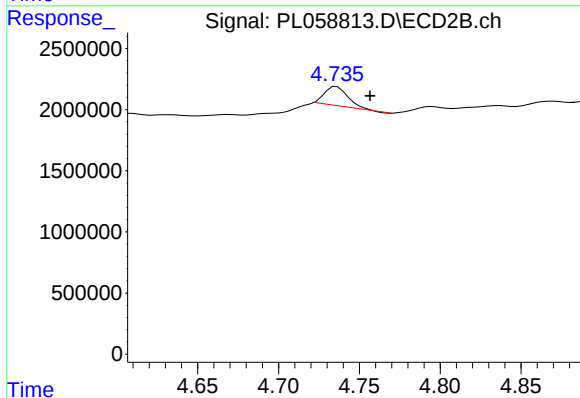
R.T.: 4.494 min  
Delta R.T.: 0.024 min  
Response: 1678659  
Conc: 0.42 ng/ml



#3 gamma-BHC (Lindane)

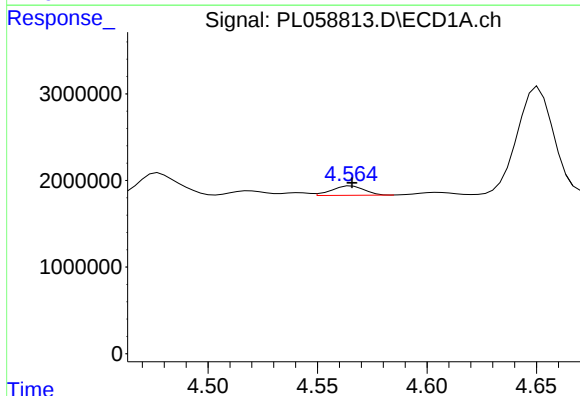
R.T.: 4.263 min  
Delta R.T.: 0.005 min  
Response: 1989017  
Conc: 0.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



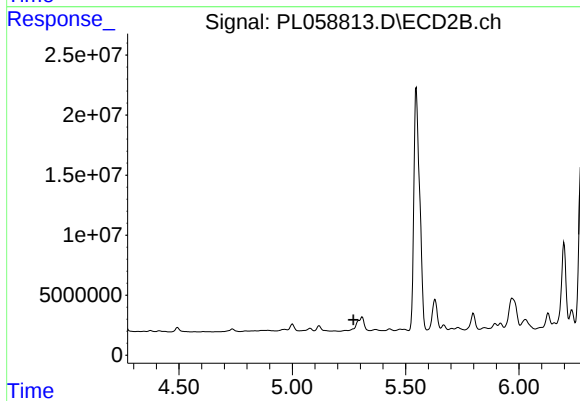
#3 gamma-BHC (Lindane)

R.T.: 4.736 min  
Delta R.T.: -0.021 min  
Response: 1564909  
Conc: 0.41 ng/ml



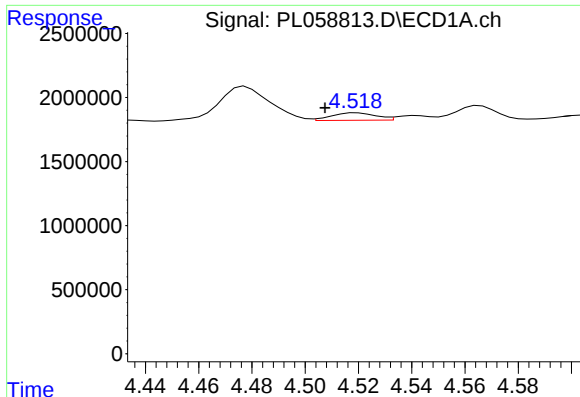
#4 Heptachlor

R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 1124540  
Conc: 0.50 ng/ml



#4 Heptachlor

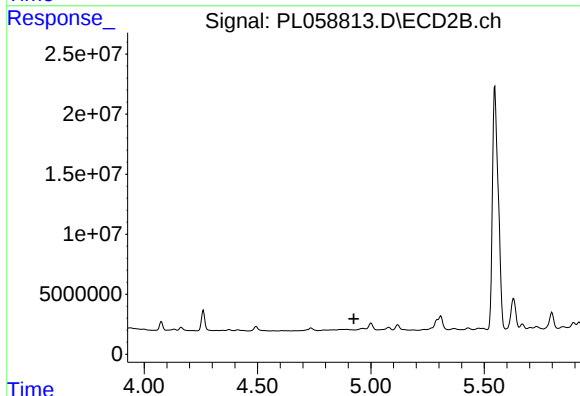
R.T.: 0.000 min  
Exp R.T. : 5.270 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

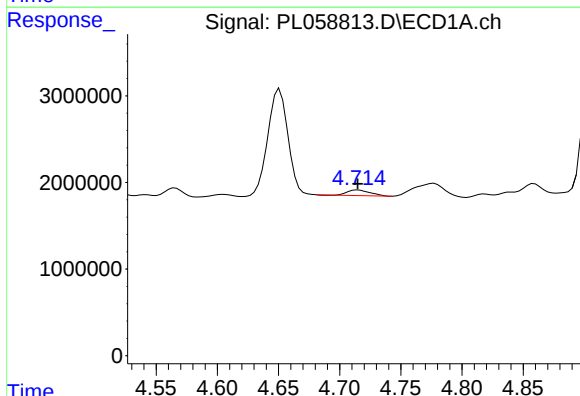
R.T.: 4.519 min  
Delta R.T.: 0.012 min  
Response: 675414  
Conc: 0.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



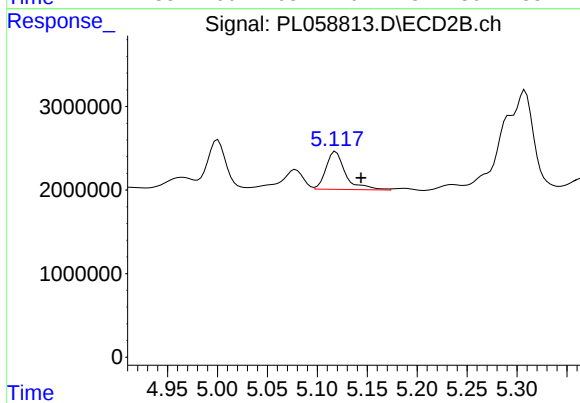
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.924 min  
Response: 0  
Conc: N.D.



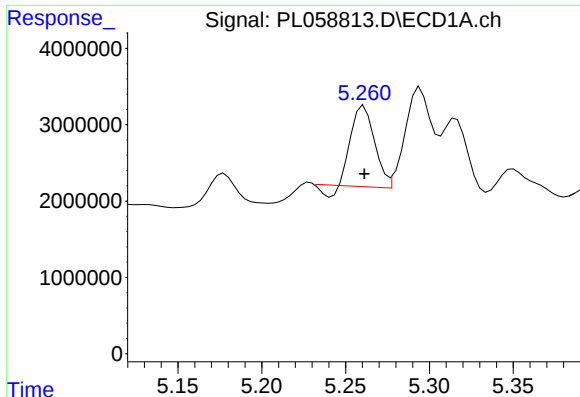
#7 delta-BHC

R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 851861  
Conc: 0.40 ng/ml



#7 delta-BHC

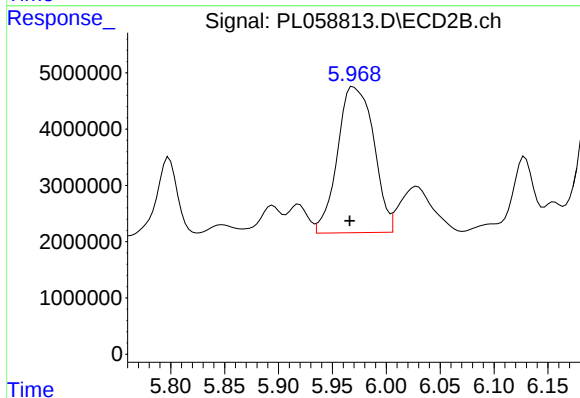
R.T.: 5.118 min  
Delta R.T.: -0.026 min  
Response: 6174305  
Conc: 1.69 ng/ml



#8 Heptachlor epoxide

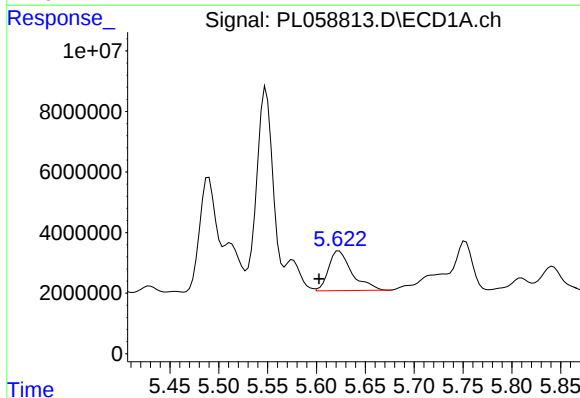
R.T.: 5.261 min  
Delta R.T.: 0.000 min  
Response: 9681562  
Conc: 5.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



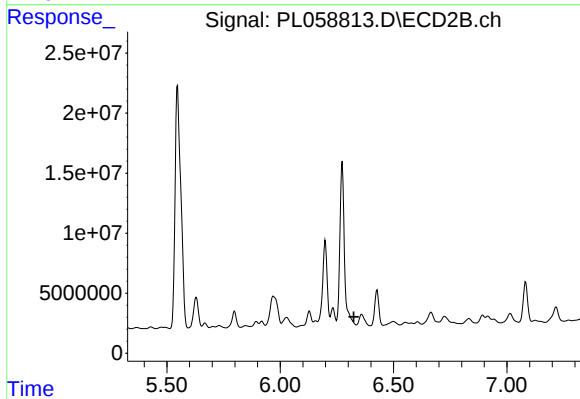
#8 Heptachlor epoxide

R.T.: 5.970 min  
Delta R.T.: 0.004 min  
Response: 60650063  
Conc: 18.39 ng/ml



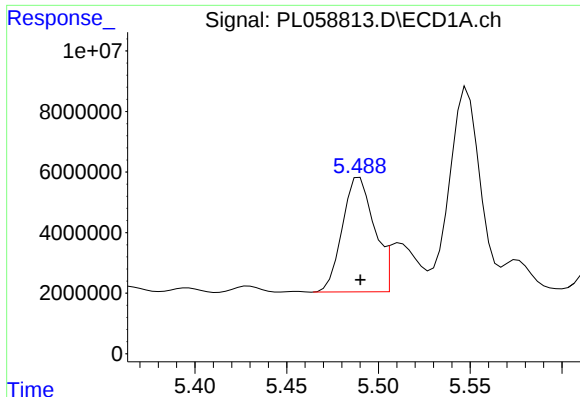
#9 Endosulfan I

R.T.: 5.623 min  
Delta R.T.: 0.020 min  
Response: 21671453  
Conc: 12.77 ng/ml



#9 Endosulfan I

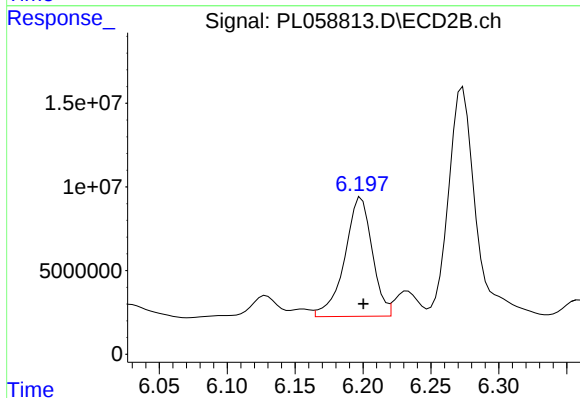
R.T.: 0.000 min  
Exp R.T.: 6.325 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

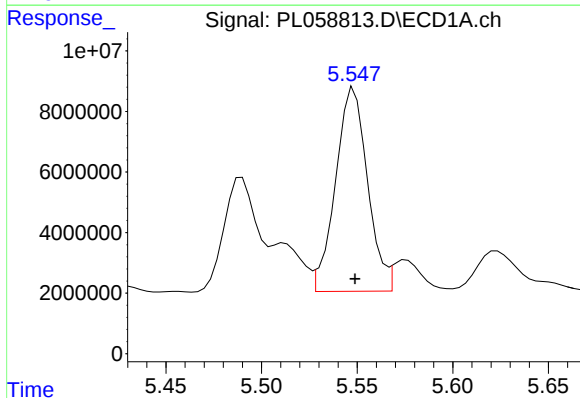
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 45655170  
Conc: 24.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



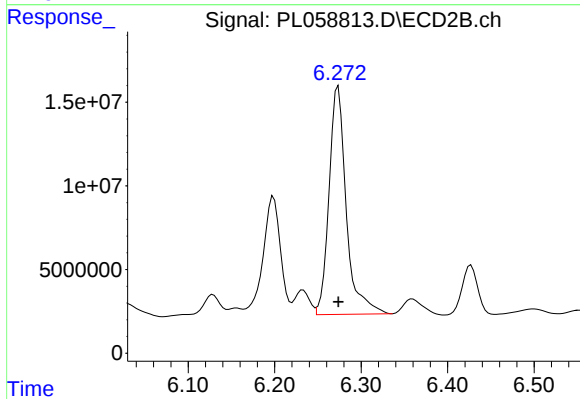
#10 gamma-Chlordane

R.T.: 6.199 min  
Delta R.T.: -0.002 min  
Response: 100222355  
Conc: 30.26 ng/ml



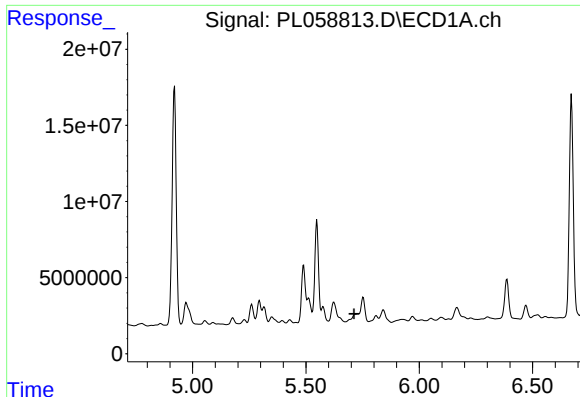
#11 alpha-Chlordane

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 78402443  
Conc: 42.85 ng/ml



#11 alpha-Chlordane

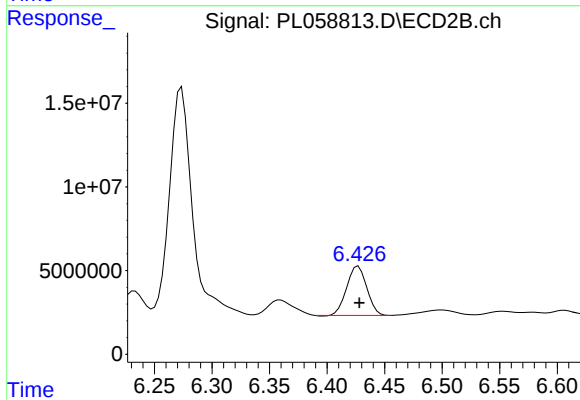
R.T.: 6.274 min  
Delta R.T.: 0.000 min  
Response: 188679679  
Conc: 58.09 ng/ml



#12 4,4'-DDE

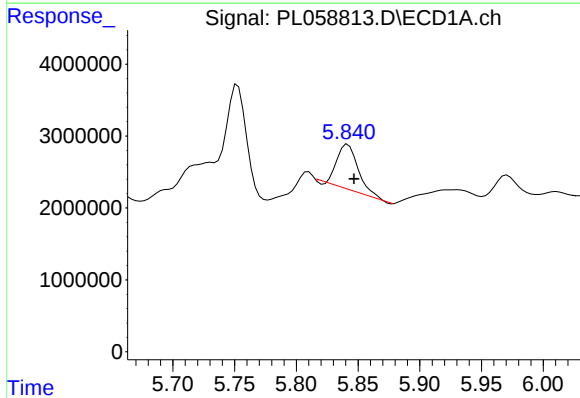
R.T.: 0.000 min  
Exp R.T.: 5.712 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



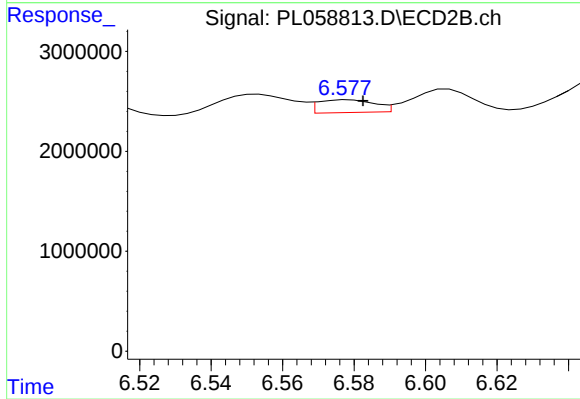
#12 4,4'-DDE

R.T.: 6.427 min  
Delta R.T.: -0.001 min  
Response: 35766827  
Conc: 12.53 ng/ml



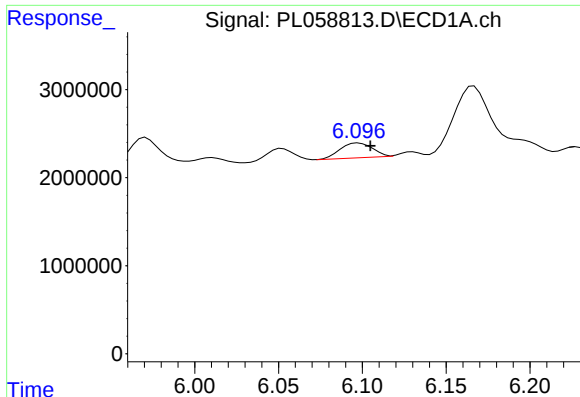
#13 Dieldrin

R.T.: 5.842 min  
Delta R.T.: -0.005 min  
Response: 7469882  
Conc: 4.26 ng/ml



#13 Dieldrin

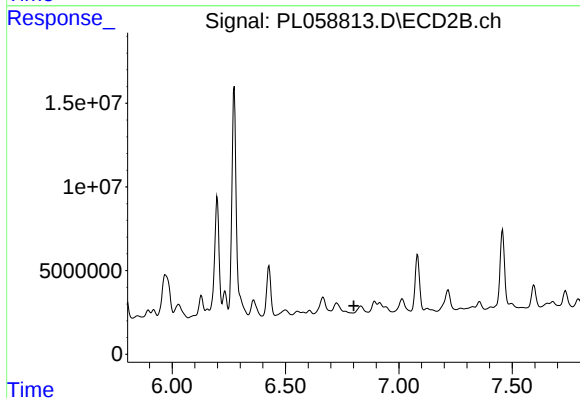
R.T.: 6.579 min  
Delta R.T.: -0.004 min  
Response: 1399057  
Conc: 0.46 ng/ml



#14 Endrin

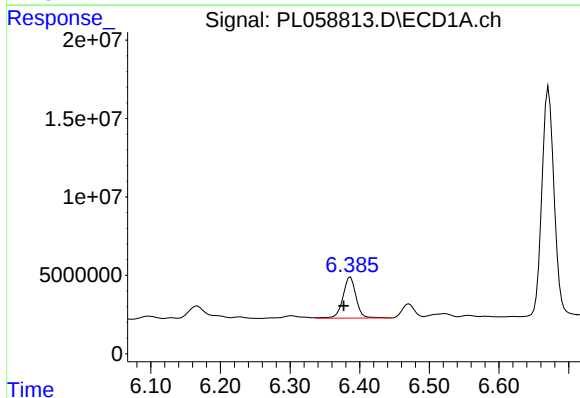
R.T.: 6.098 min  
Delta R.T.: -0.007 min  
Response: 2246491  
Conc: 1.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



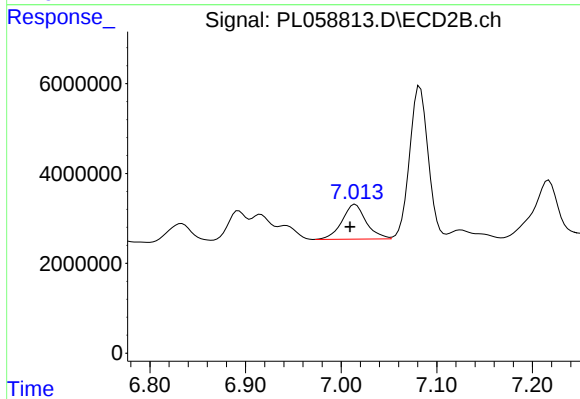
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.802 min  
Response: 0  
Conc: N.D.



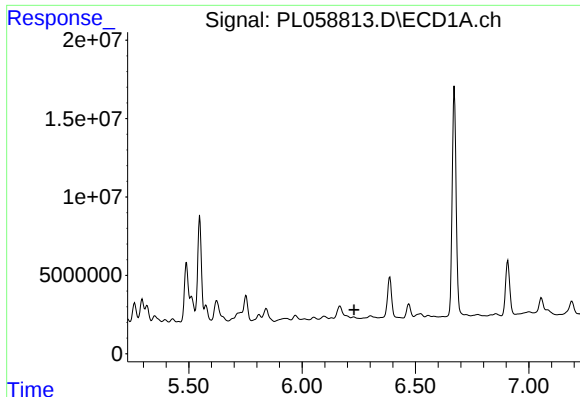
#15 Endosulfan II

R.T.: 6.387 min  
Delta R.T.: 0.010 min  
Response: 34507991  
Conc: 20.71 ng/ml



#15 Endosulfan II

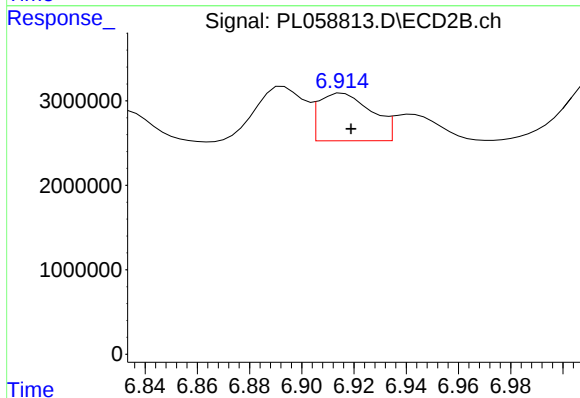
R.T.: 7.015 min  
Delta R.T.: 0.006 min  
Response: 13588839  
Conc: 4.85 ng/ml



#16 4,4'-DDD

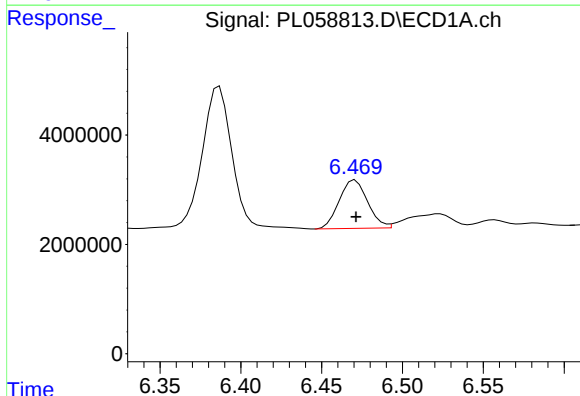
R.T.: 0.000 min  
Exp R.T.: 6.229 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



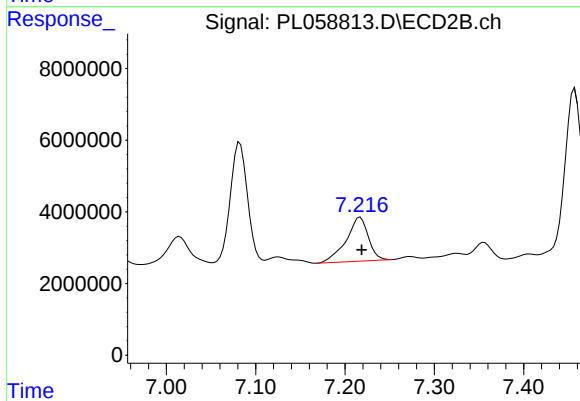
#16 4,4'-DDD

R.T.: 6.916 min  
Delta R.T.: -0.003 min  
Response: 7941439  
Conc: 3.33 ng/ml



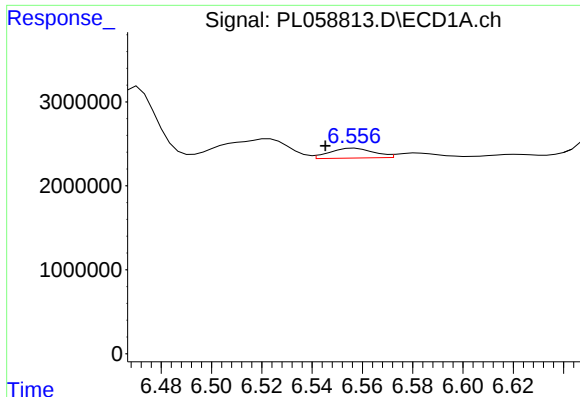
#17 4,4'-DDT

R.T.: 6.471 min  
Delta R.T.: 0.000 min  
Response: 10845878  
Conc: 7.46 ng/ml



#17 4,4'-DDT

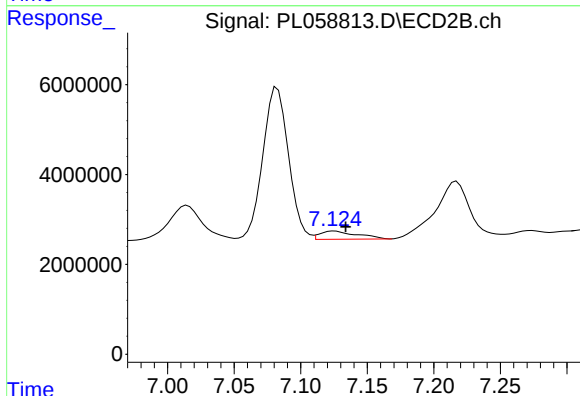
R.T.: 7.217 min  
Delta R.T.: -0.002 min  
Response: 21180794  
Conc: 8.91 ng/ml



#18 Endrin aldehyde

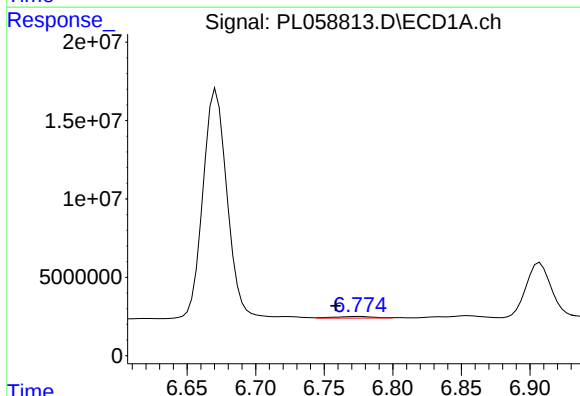
R.T.: 6.557 min  
Delta R.T.: 0.012 min  
Response: 1437007  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



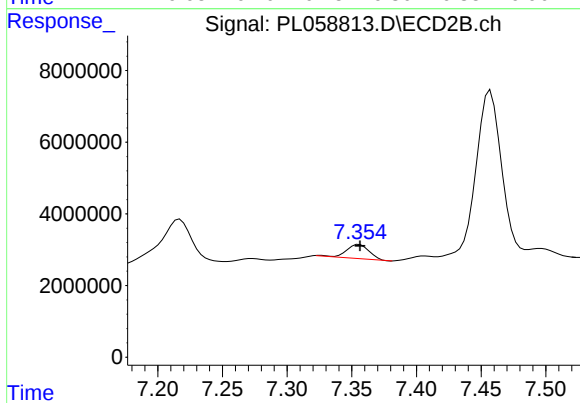
#18 Endrin aldehyde

R.T.: 7.125 min  
Delta R.T.: -0.009 min  
Response: 3498431  
Conc: 1.48 ng/ml



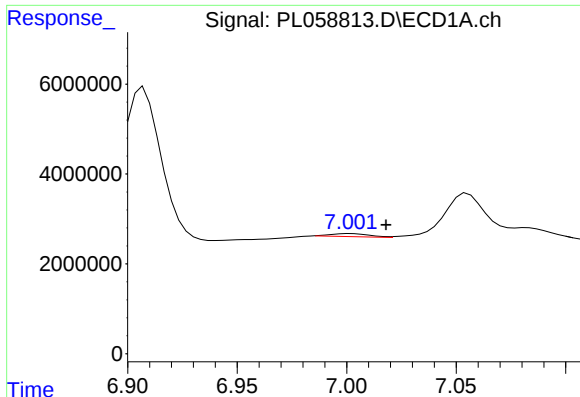
#19 Endosulfan Sulfate

R.T.: 6.776 min  
Delta R.T.: 0.017 min  
Response: 2031330  
Conc: 1.25 ng/ml



#19 Endosulfan Sulfate

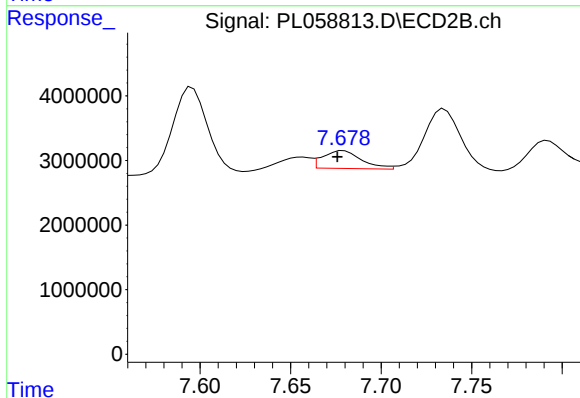
R.T.: 7.356 min  
Delta R.T.: 0.000 min  
Response: 4784497  
Conc: 1.82 ng/ml



#20 Methoxychlor

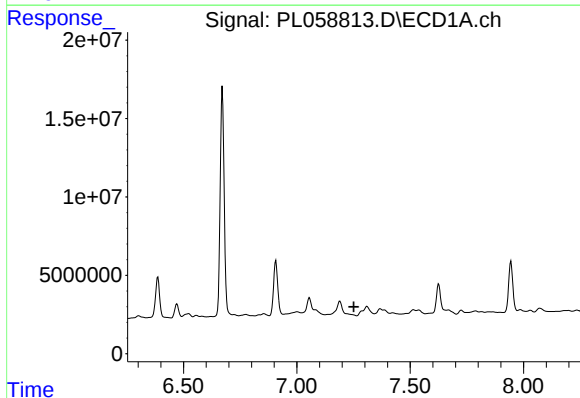
R.T.: 7.002 min  
Delta R.T.: -0.016 min  
Response: 845822  
Conc: 0.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



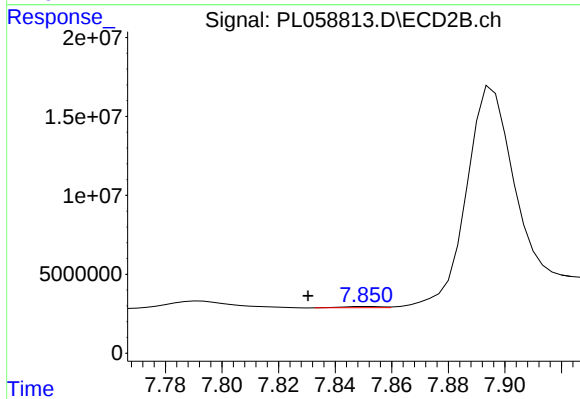
#20 Methoxychlor

R.T.: 7.679 min  
Delta R.T.: 0.003 min  
Response: 4102900  
Conc: 2.94 ng/ml



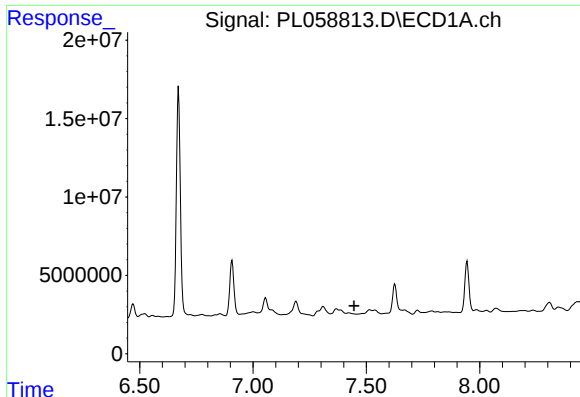
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.251 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

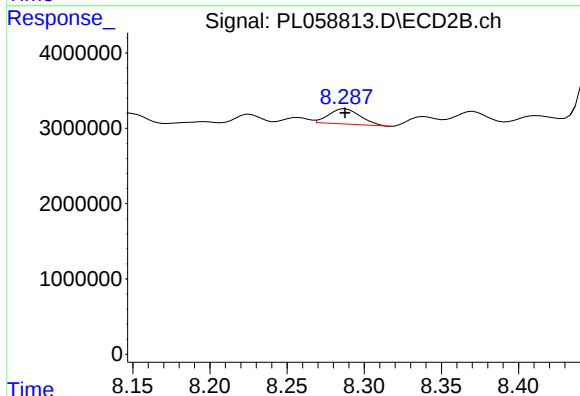
R.T.: 7.851 min  
Delta R.T.: 0.021 min  
Response: 733088  
Conc: 0.26 ng/ml



#22 Mirex

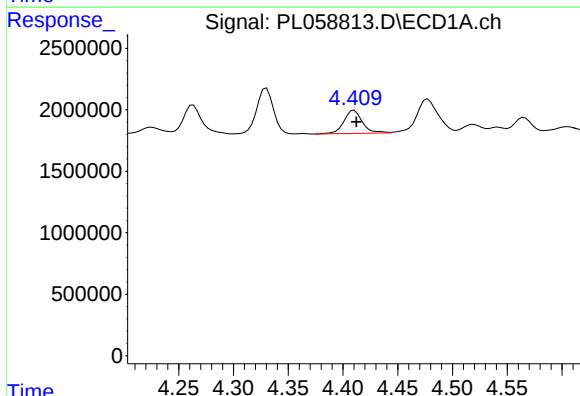
R.T.: 0.000 min  
Exp R.T.: 7.446 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



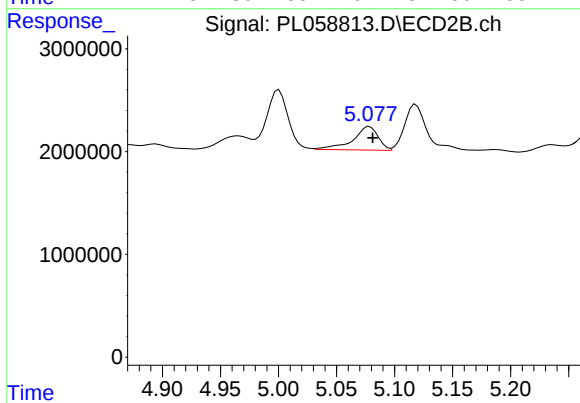
#22 Mirex

R.T.: 8.288 min  
Delta R.T.: 0.000 min  
Response: 2875444  
Conc: 1.31 ng/ml



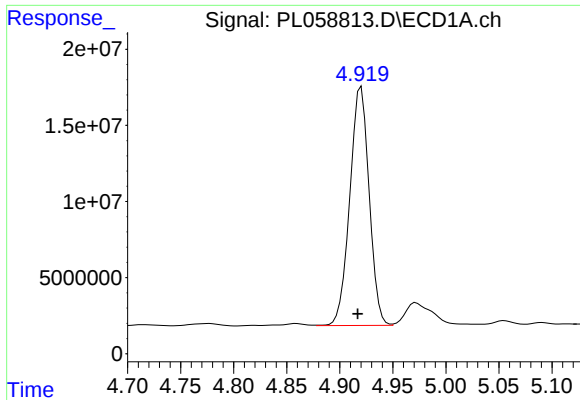
#23 Chlordane-1

R.T.: 4.410 min  
Delta R.T.: -0.002 min  
Response: 2223974  
Conc: 42.51 ng/ml



#23 Chlordane-1

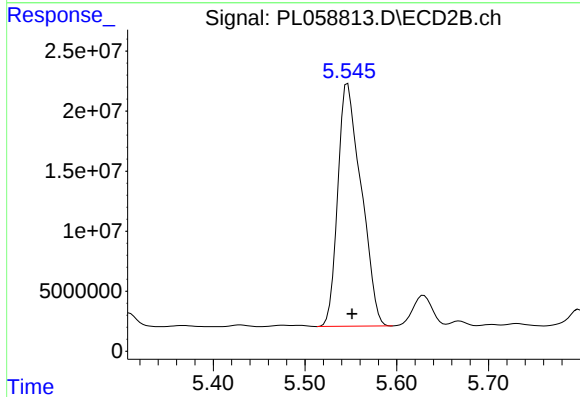
R.T.: 5.079 min  
Delta R.T.: -0.003 min  
Response: 3481101  
Conc: 36.29 ng/ml



#24 Chlordane-2

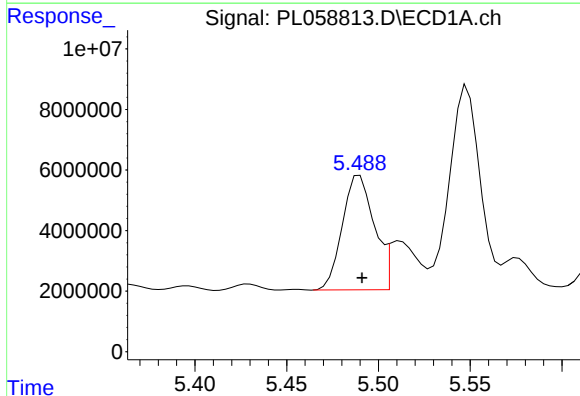
R.T.: 4.920 min  
Delta R.T.: 0.003 min  
Response: 198832476  
Conc: 3417.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



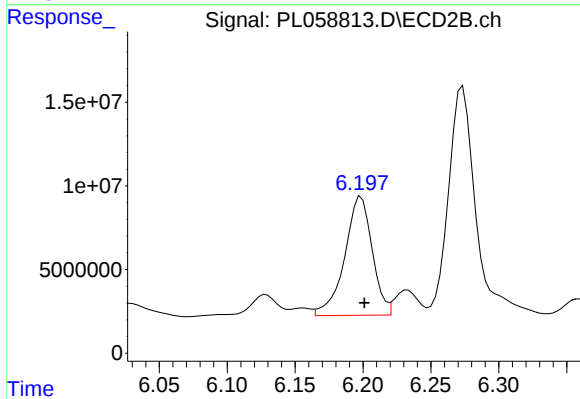
#24 Chlordane-2

R.T.: 5.547 min  
Delta R.T.: -0.005 min  
Response: 357792254  
Conc: 3507.03 ng/ml



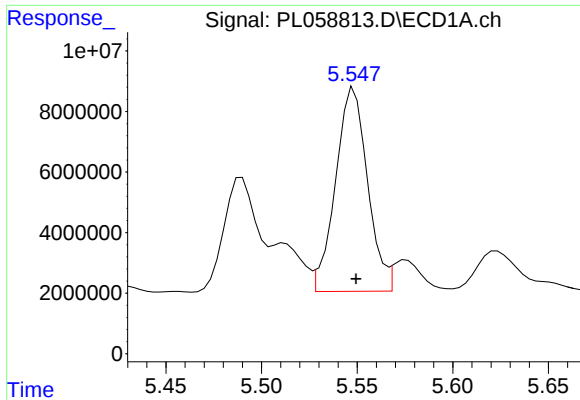
#25 Chlordane-3

R.T.: 5.490 min  
Delta R.T.: -0.001 min  
Response: 45655170  
Conc: 304.42 ng/ml



#25 Chlordane-3

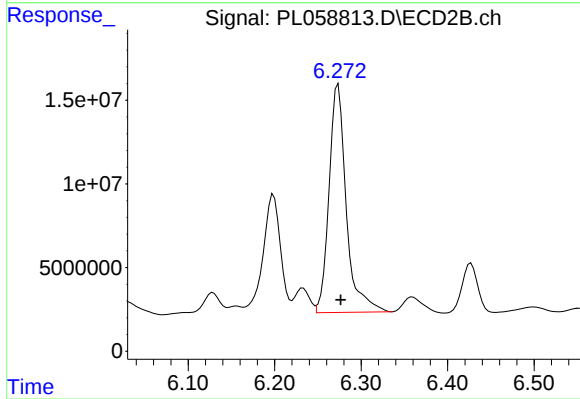
R.T.: 6.199 min  
Delta R.T.: -0.002 min  
Response: 100222355  
Conc: 263.28 ng/ml



#26 Chlordane-4

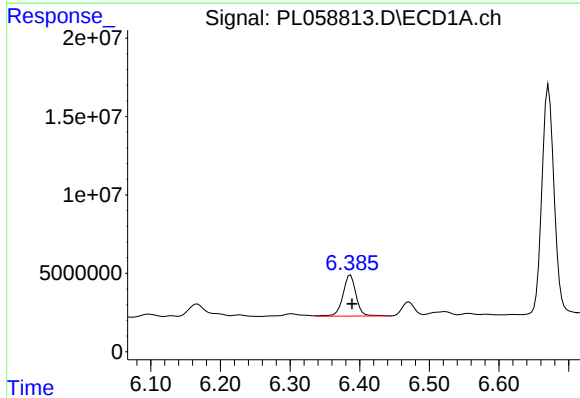
R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 78402443  
Conc: 638.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



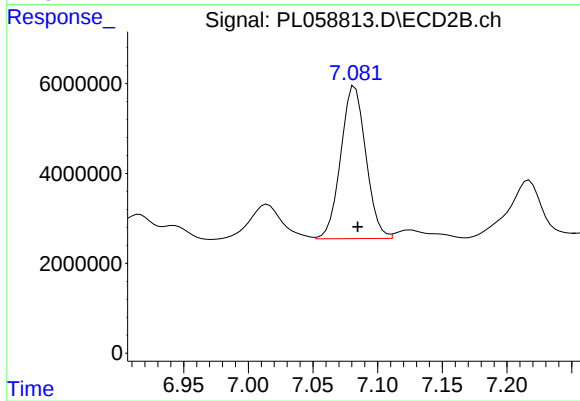
#26 Chlordane-4

R.T.: 6.274 min  
Delta R.T.: -0.003 min  
Response: 188679679  
Conc: 414.35 ng/ml



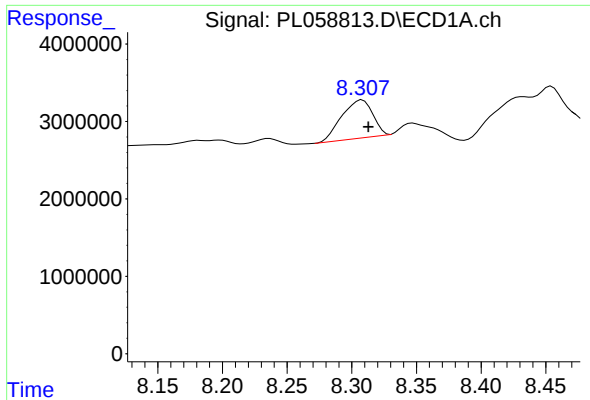
#27 Chlordane-5

R.T.: 6.387 min  
Delta R.T.: -0.002 min  
Response: 34507991  
Conc: 652.98 ng/ml



#27 Chlordane-5

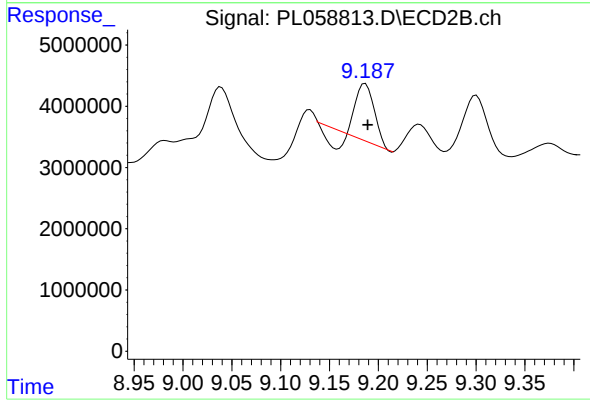
R.T.: 7.082 min  
Delta R.T.: -0.002 min  
Response: 45702347  
Conc: 576.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.308 min  
Delta R.T.: -0.005 min  
Response: 8189175  
Conc: 4.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.187 min  
Delta R.T.: -0.003 min  
Response: 9733220  
Conc: 3.69 ng/ml