

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062823\  
 Data File : PL083759.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jun 2023 13:07  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 29 02:22:08 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062523.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 26 10:45:09 2023  
 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... | 3.431  | 2.694 | 119.2E6  | 140.3E6  | 47.971   | 48.311     |
| 28)                         | SA Decachlor... | 8.972  | 7.880 | 88277733 | 129.2E6  | 51.688   | 52.253     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.887  | 3.199 | 184.3E6  | 205.2E6  | 49.075   | 48.977     |
| 3)                          | MA gamma-BHC... | 4.221  | 3.529 | 169.5E6  | 189.6E6  | 48.661   | 47.446     |
| 4)                          | MA Heptachlor   | 4.813  | 3.872 | 163.7E6  | 182.9E6  | 48.381   | 48.410     |
| 5)                          | MB Aldrin       | 5.154  | 4.152 | 166.9E6  | 176.2E6  | 48.531   | 49.274     |
| 6)                          | B beta-BHC      | 4.420  | 3.830 | 74499211 | 82943199 | 49.616   | 49.362     |
| 7)                          | B delta-BHC     | 4.667  | 4.059 | 169.1E6  | 186.8E6  | 49.288   | 49.168     |
| 8)                          | B Heptachlo...  | 5.585  | 4.659 | 164.4E6  | 165.0E6  | 48.615   | 49.091     |
| 9)                          | A Endosulfan I  | 5.971  | 5.030 | 146.1E6  | 153.1E6  | 47.332   | 49.509     |
| 10)                         | B gamma-Chl...  | 5.842  | 4.912 | 165.3E6  | 169.3E6  | 49.109   | 49.690     |
| 11)                         | B alpha-Chl...  | 5.922  | 4.977 | 158.5E6  | 168.5E6  | 48.082   | 49.766     |
| 12)                         | B 4,4'-DDE      | 6.103  | 5.175 | 139.1E6  | 144.4E6  | 48.612   | 51.630     |
| 13)                         | MA Dieldrin     | 6.248  | 5.296 | 145.9E6  | 157.2E6  | 47.173   | 49.804     |
| 14)                         | MA Endrin       | 6.478  | 5.572 | 120.5E6  | 138.0E6  | 45.668   | 51.846     |
| 15)                         | B Endosulfa...  | 6.698  | 5.869 | 114.4E6  | 128.1E6  | 47.918   | 49.970     |
| 16)                         | A 4,4'-DDD      | 6.621  | 5.732 | 113.1E6  | 124.5E6  | 52.224   | 57.437     |
| 17)                         | MA 4,4'-DDT     | 6.938  | 5.985 | 109.8E6  | 122.3E6  | 46.761   | 49.314     |
| 18)                         | B Endrin al...  | 6.829  | 6.051 | 90694781 | 102.5E6  | 49.009   | 50.115     |
| 19)                         | B Endosulfa...  | 7.065  | 6.276 | 119.0E6  | 133.4E6  | 49.280   | 51.242     |
| 20)                         | A Methoxychlor  | 7.421  | 6.570 | 54521002 | 64582508 | 47.137   | 51.008     |
| 21)                         | B Endrin ke...  | 7.550  | 6.781 | 121.5E6  | 141.9E6  | 52.307   | 48.971     |
| 22)                         | Mirex           | 8.026  | 6.964 | 92642705 | 128.1E6  | 48.648   | 50.692     |
| 24)                         | Chlordane-2     | 5.154f | 4.287 | 166.9E6  | 1317343  | 1437.738 | 11.056 #   |
| 25)                         | Chlordane-3     | 5.842  | 4.912 | 165.3E6  | 169.3E6  | 341.400  | 502.082 #  |
| 26)                         | Chlordane-4     | 5.922  | 4.977 | 158.5E6  | 168.5E6  | 273.076  | 477.772 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.869 | 0        | 128.1E6  | N.D.     | 1295.199 # |
| -----                       |                 |        |       |          |          |          |            |

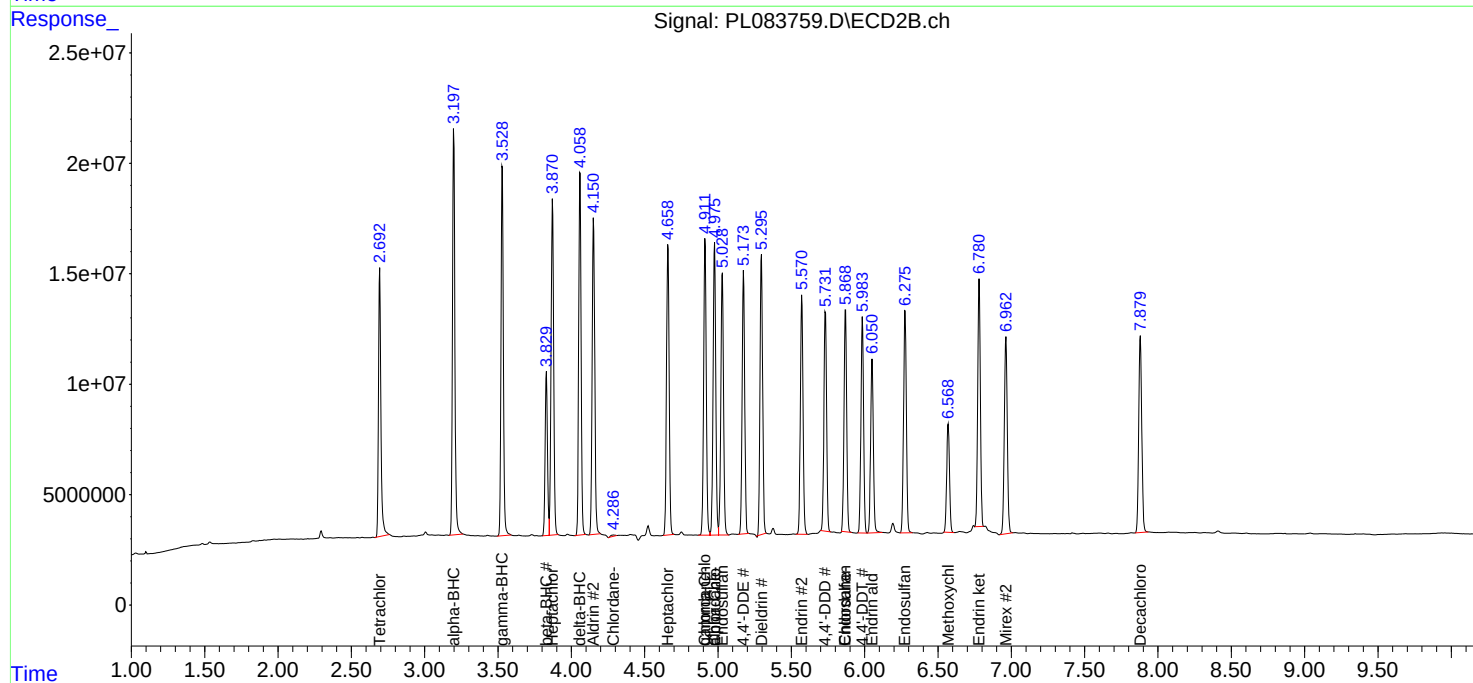
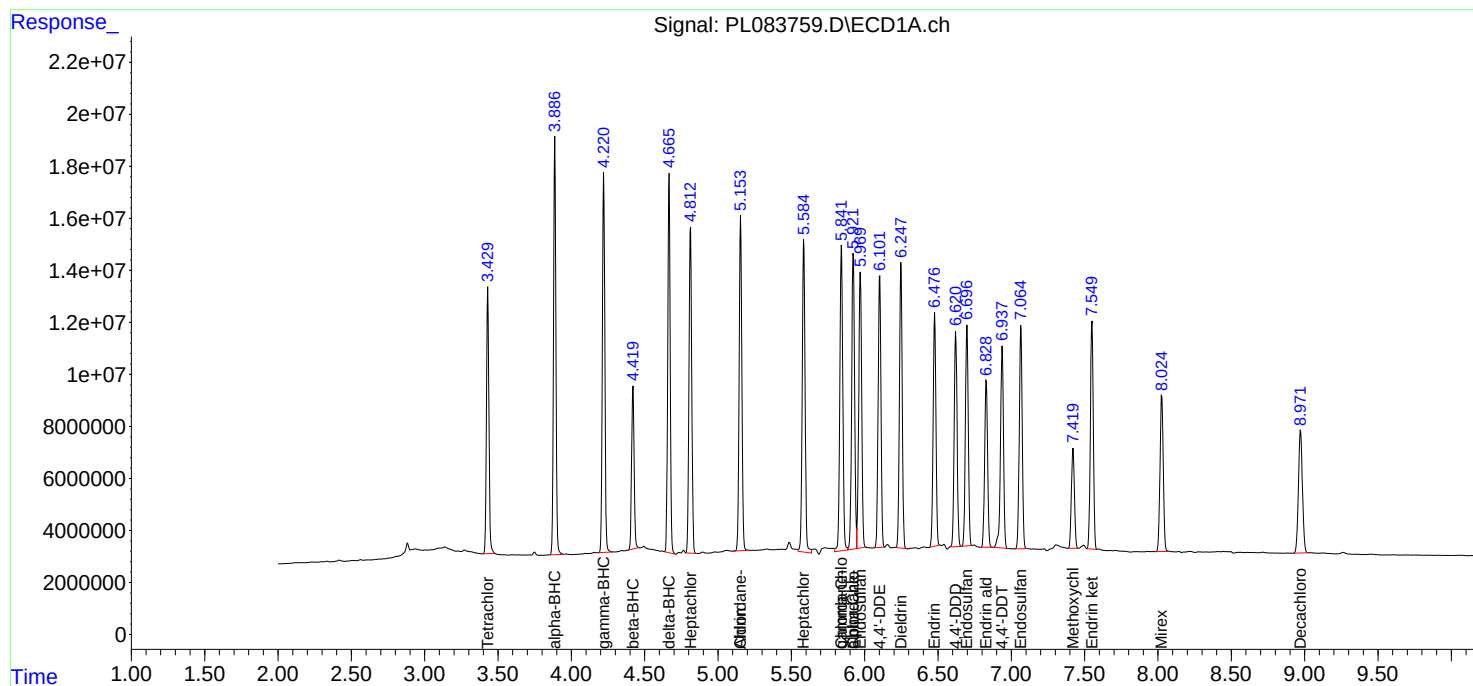
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

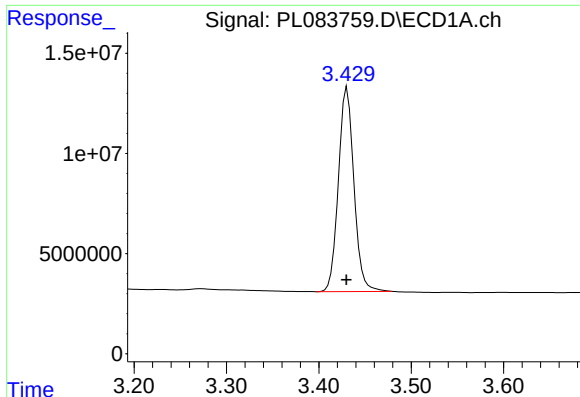
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062823\  
Data File : PL083759.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jun 2023 13:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 29 02:22:08 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062523.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 26 10:45:09 2023  
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

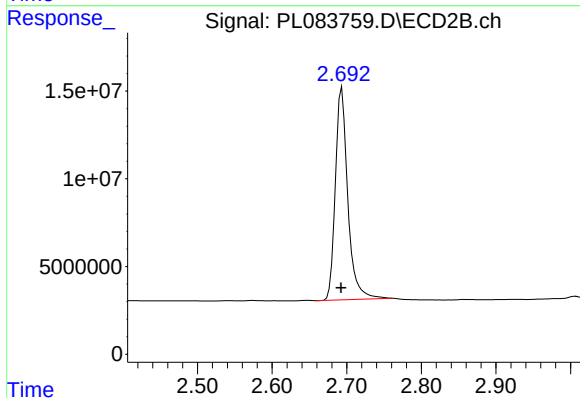




#1 Tetrachloro-m-xylene

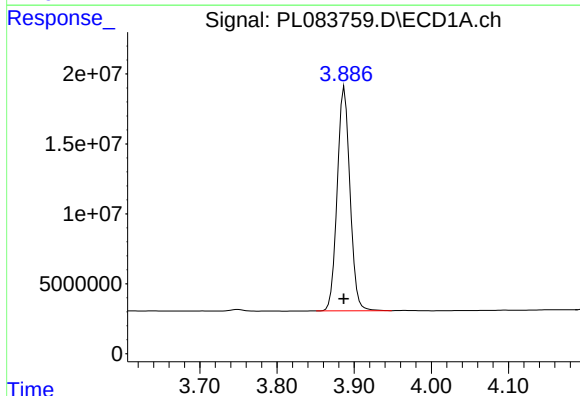
R.T.: 3.431 min  
Delta R.T.: 0.000 min  
Response: 119190366  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



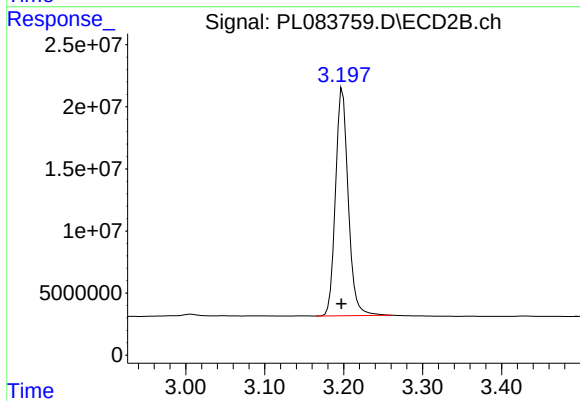
#1 Tetrachloro-m-xylene

R.T.: 2.694 min  
Delta R.T.: 0.001 min  
Response: 140274097  
Conc: 48.31 ng/ml



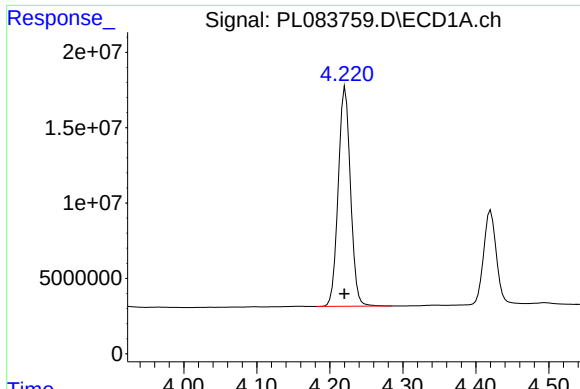
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: 0.000 min  
Response: 184276188  
Conc: 49.08 ng/ml



#2 alpha-BHC

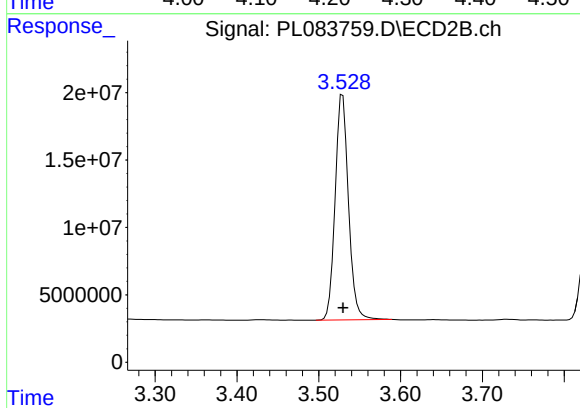
R.T.: 3.199 min  
Delta R.T.: 0.001 min  
Response: 205232816  
Conc: 48.98 ng/ml



#3 gamma-BHC (Lindane)

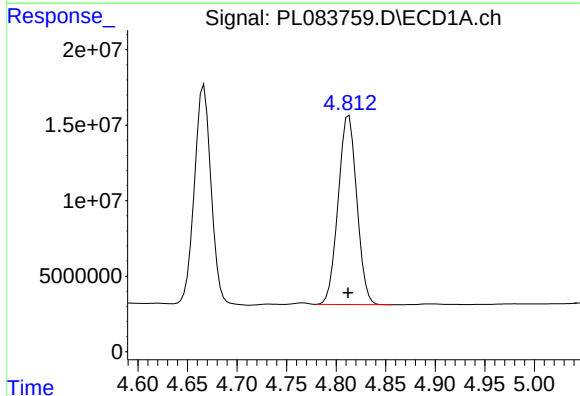
R.T.: 4.221 min  
Delta R.T.: 0.001 min  
Response: 169526318  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



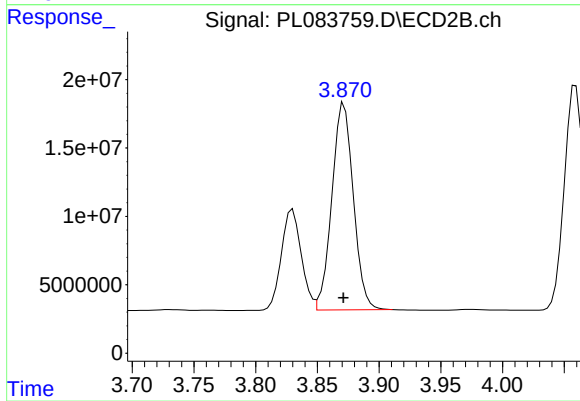
#3 gamma-BHC (Lindane)

R.T.: 3.529 min  
Delta R.T.: 0.000 min  
Response: 189629390  
Conc: 47.45 ng/ml



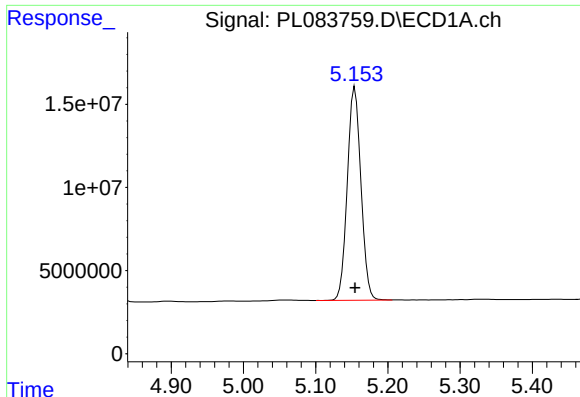
#4 Heptachlor

R.T.: 4.813 min  
Delta R.T.: 0.000 min  
Response: 163737628  
Conc: 48.38 ng/ml



#4 Heptachlor

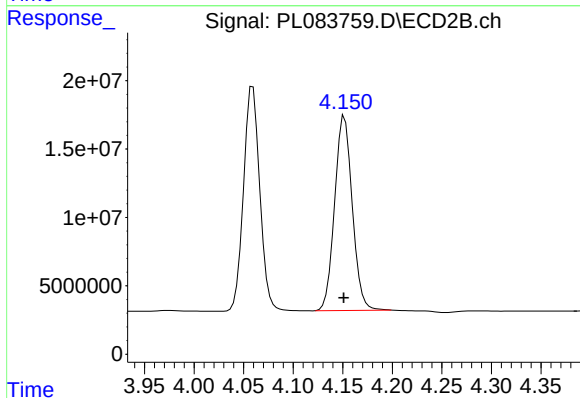
R.T.: 3.872 min  
Delta R.T.: 0.000 min  
Response: 182932475  
Conc: 48.41 ng/ml



#5 Aldrin

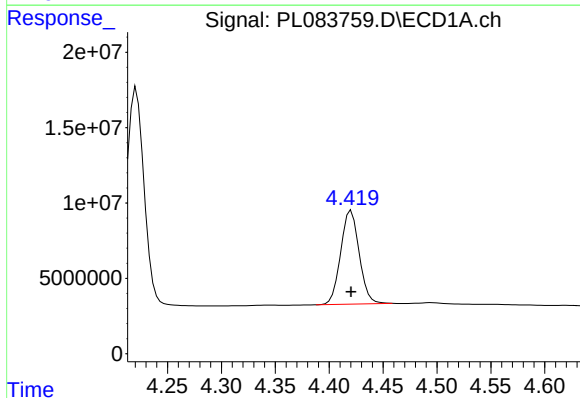
R.T.: 5.154 min  
Delta R.T.: 0.000 min  
Response: 166901628  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



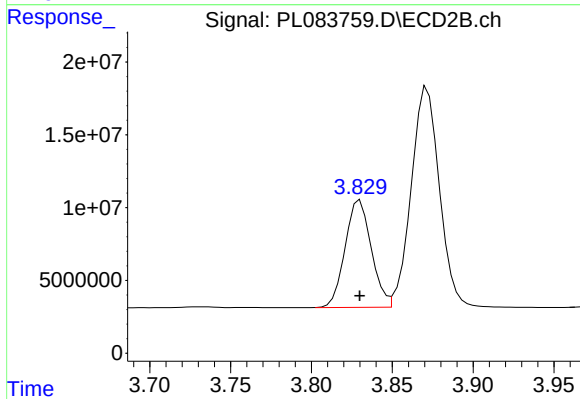
#5 Aldrin

R.T.: 4.152 min  
Delta R.T.: 0.000 min  
Response: 176249796  
Conc: 49.27 ng/ml



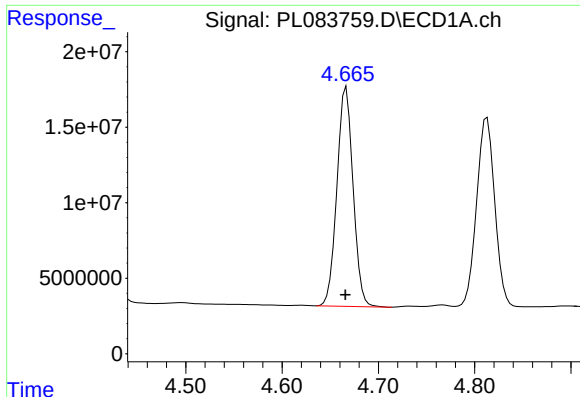
#6 beta-BHC

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 74499211  
Conc: 49.62 ng/ml



#6 beta-BHC

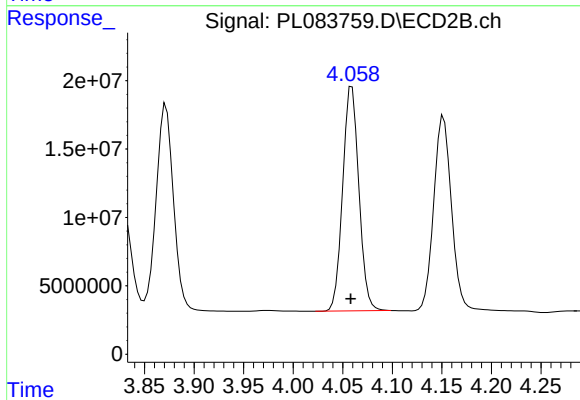
R.T.: 3.830 min  
Delta R.T.: 0.000 min  
Response: 82943199  
Conc: 49.36 ng/ml



#7 delta-BHC

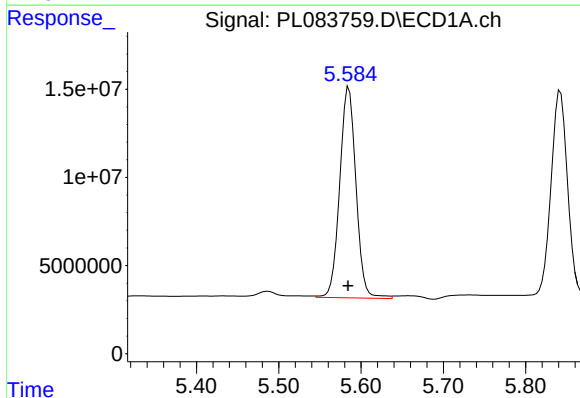
R.T.: 4.667 min  
Delta R.T.: 0.001 min  
Response: 169125996  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



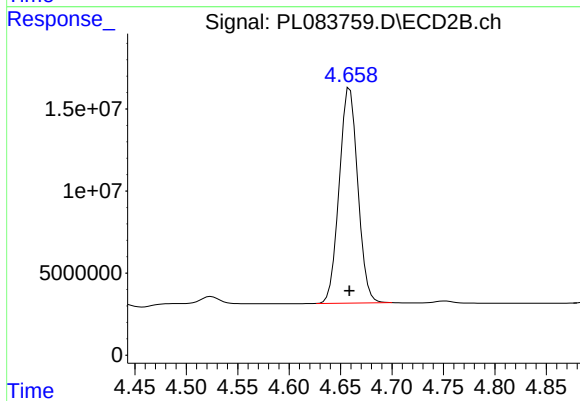
#7 delta-BHC

R.T.: 4.059 min  
Delta R.T.: 0.001 min  
Response: 186813571  
Conc: 49.17 ng/ml



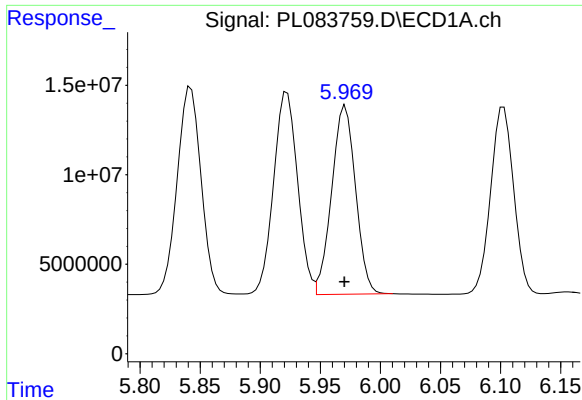
#8 Heptachlor epoxide

R.T.: 5.585 min  
Delta R.T.: 0.000 min  
Response: 164360176  
Conc: 48.62 ng/ml



#8 Heptachlor epoxide

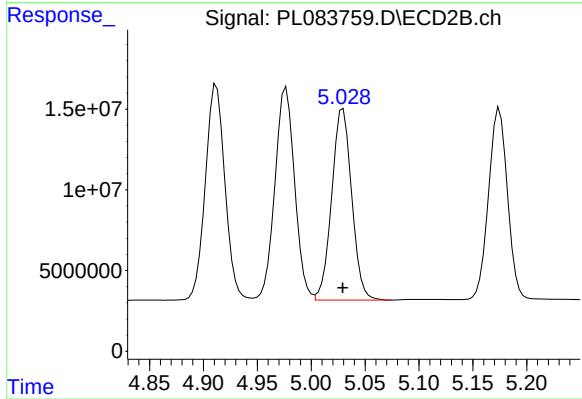
R.T.: 4.659 min  
Delta R.T.: 0.000 min  
Response: 164967958  
Conc: 49.09 ng/ml



#9 Endosulfan I

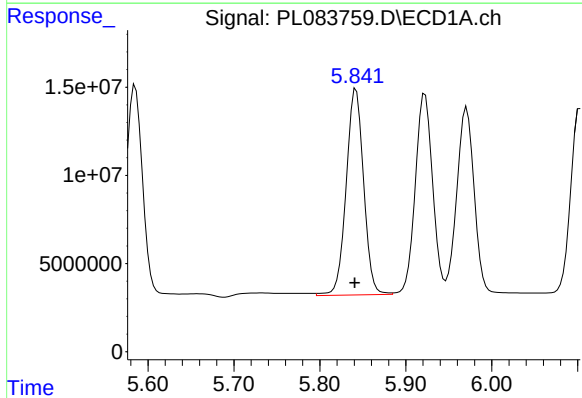
R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 146052006  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



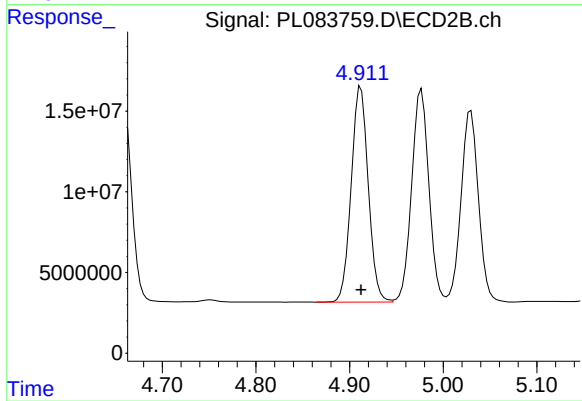
#9 Endosulfan I

R.T.: 5.030 min  
Delta R.T.: 0.000 min  
Response: 153143378  
Conc: 49.51 ng/ml



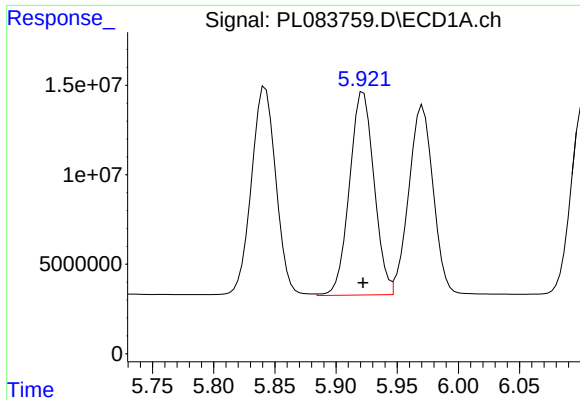
#10 gamma-Chlordane

R.T.: 5.842 min  
Delta R.T.: 0.002 min  
Response: 165318168  
Conc: 49.11 ng/ml



#10 gamma-Chlordane

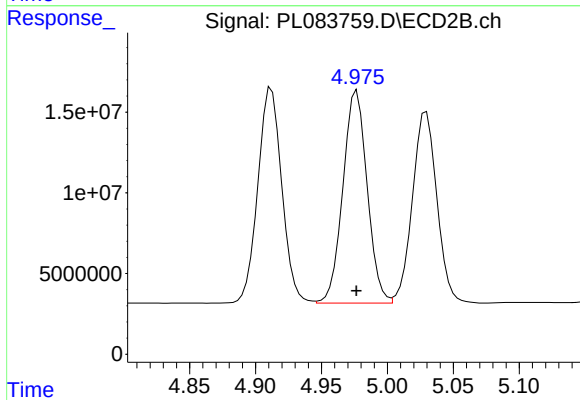
R.T.: 4.912 min  
Delta R.T.: 0.000 min  
Response: 169274377  
Conc: 49.69 ng/ml



#11 alpha-Chlordane

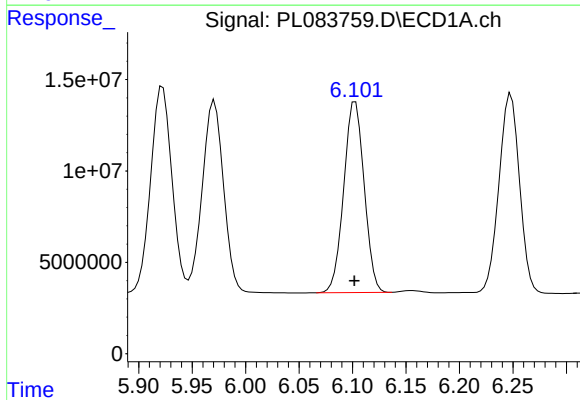
R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 158473670  
Conc: 48.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



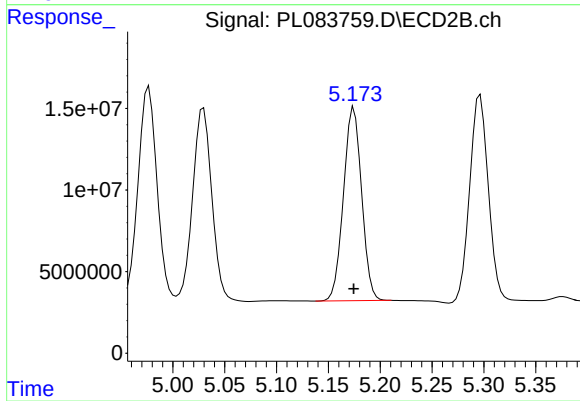
#11 alpha-Chlordane

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 168536764  
Conc: 49.77 ng/ml



#12 4,4'-DDE

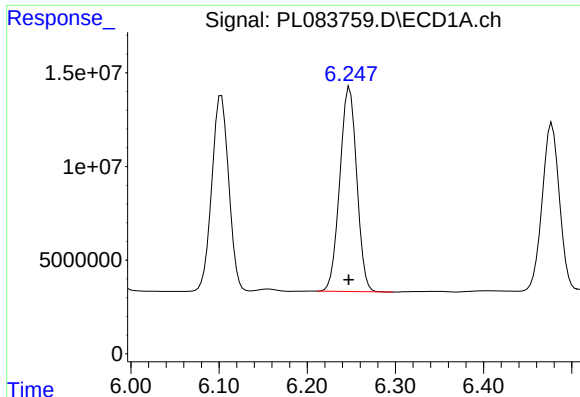
R.T.: 6.103 min  
Delta R.T.: 0.000 min  
Response: 139132841  
Conc: 48.61 ng/ml



#12 4,4'-DDE

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 144376075  
Conc: 51.63 ng/ml

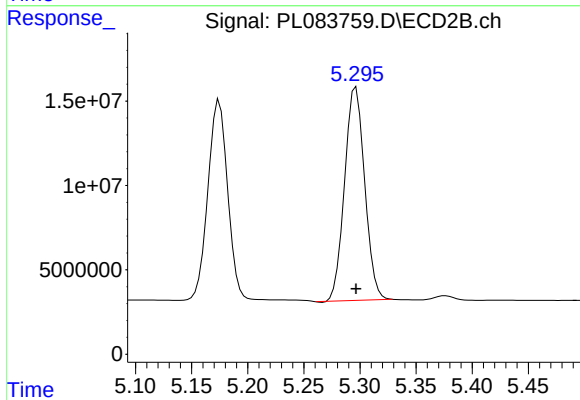




#13 Dieldrin

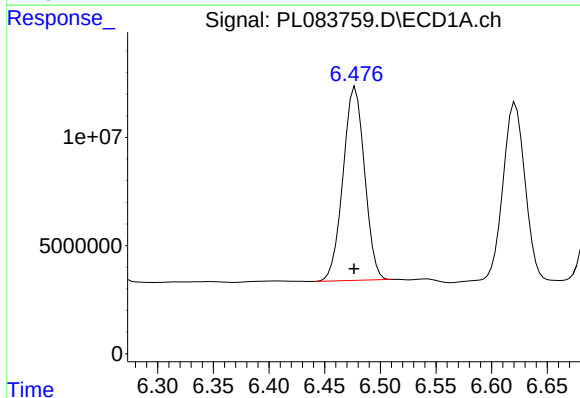
R.T.: 6.248 min  
Delta R.T.: 0.001 min  
Response: 145939397  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



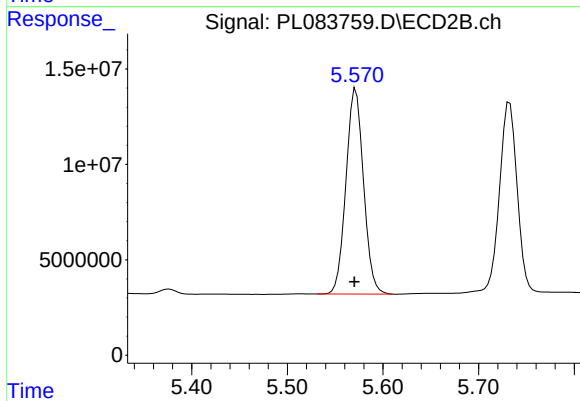
#13 Dieldrin

R.T.: 5.296 min  
Delta R.T.: 0.000 min  
Response: 157202647  
Conc: 49.80 ng/ml



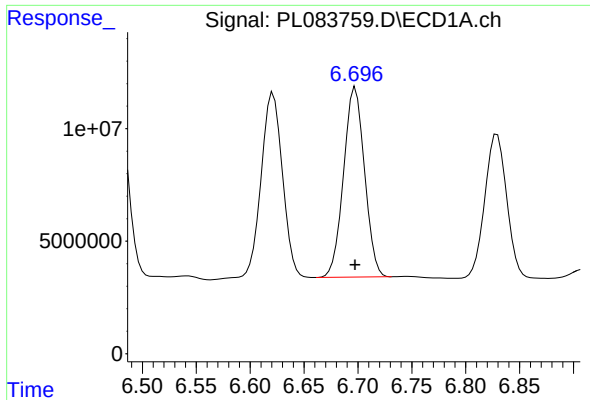
#14 Endrin

R.T.: 6.478 min  
Delta R.T.: 0.001 min  
Response: 120493963  
Conc: 45.67 ng/ml



#14 Endrin

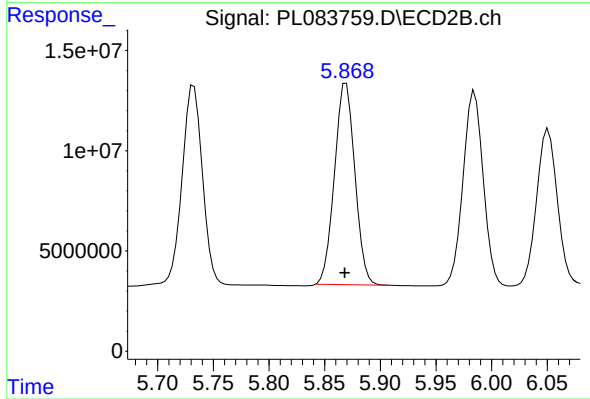
R.T.: 5.572 min  
Delta R.T.: 0.002 min  
Response: 137965585  
Conc: 51.85 ng/ml



#15 Endosulfan II

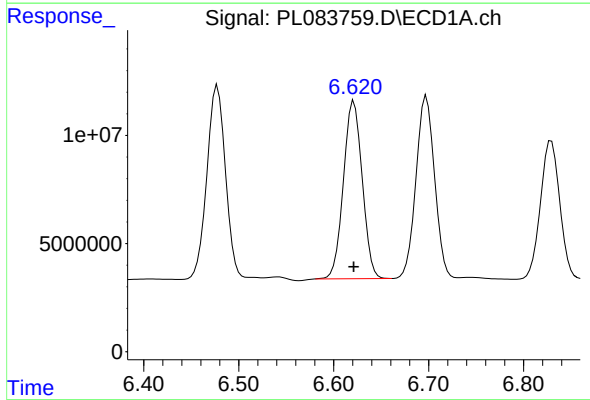
R.T.: 6.698 min  
Delta R.T.: 0.000 min  
Response: 114388417  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



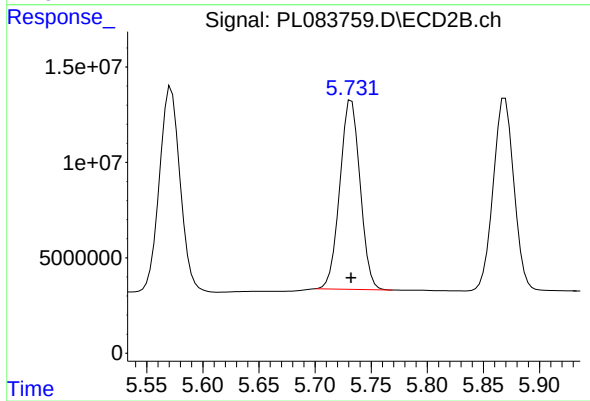
#15 Endosulfan II

R.T.: 5.869 min  
Delta R.T.: 0.001 min  
Response: 128058297  
Conc: 49.97 ng/ml



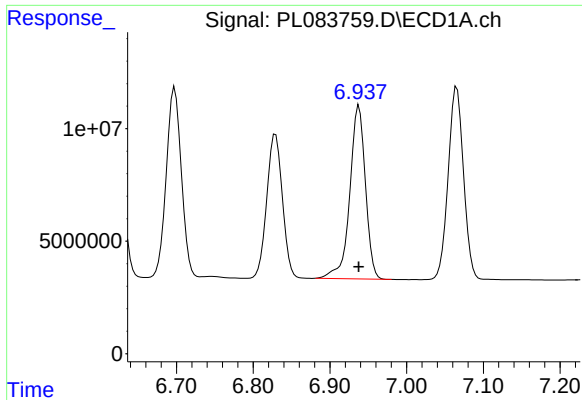
#16 4,4'-DDD

R.T.: 6.621 min  
Delta R.T.: 0.000 min  
Response: 113053100  
Conc: 52.22 ng/ml



#16 4,4'-DDD

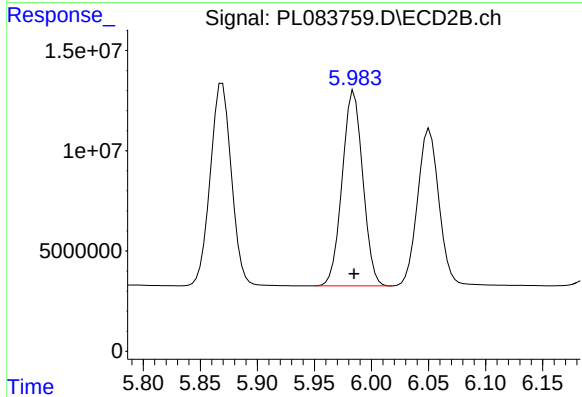
R.T.: 5.732 min  
Delta R.T.: 0.000 min  
Response: 124542161  
Conc: 57.44 ng/ml



#17 4,4'-DDT

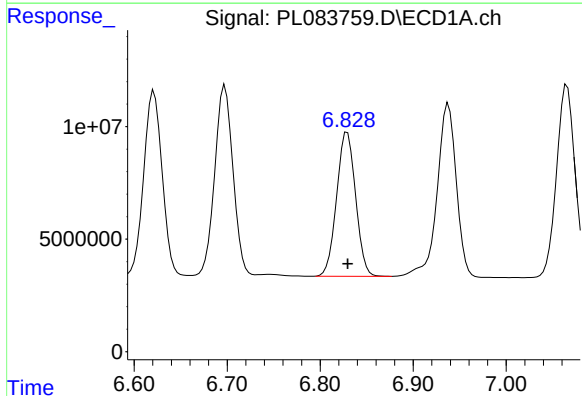
R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 109827253  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



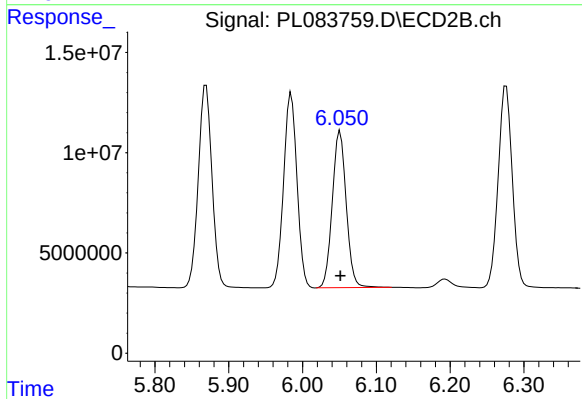
#17 4,4'-DDT

R.T.: 5.985 min  
Delta R.T.: 0.000 min  
Response: 122313042  
Conc: 49.31 ng/ml



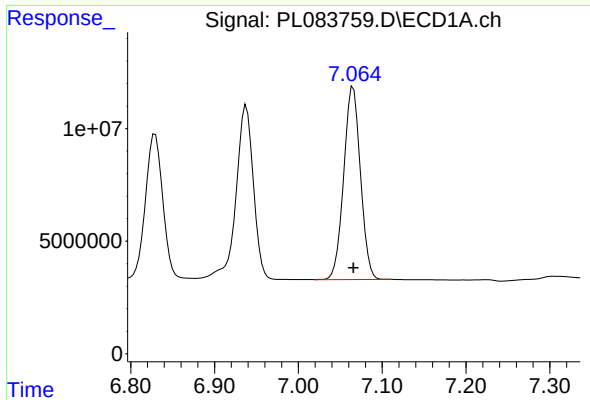
#18 Endrin aldehyde

R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 90694781  
Conc: 49.01 ng/ml



#18 Endrin aldehyde

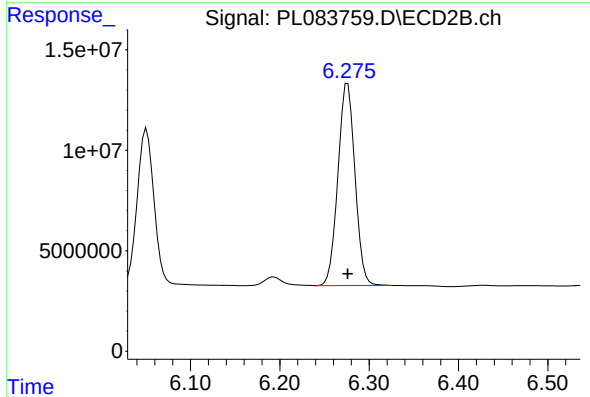
R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 102484122  
Conc: 50.11 ng/ml



#19 Endosulfan Sulfate

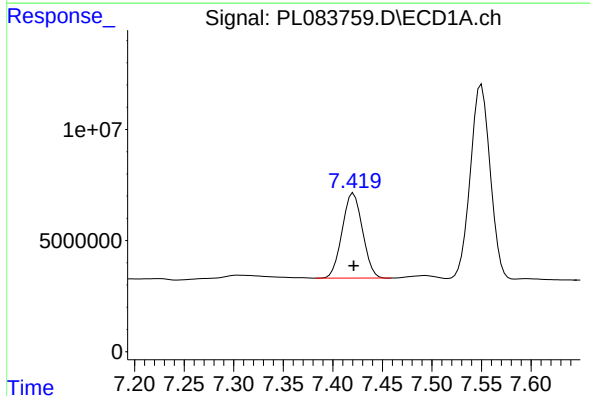
R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 119002152  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



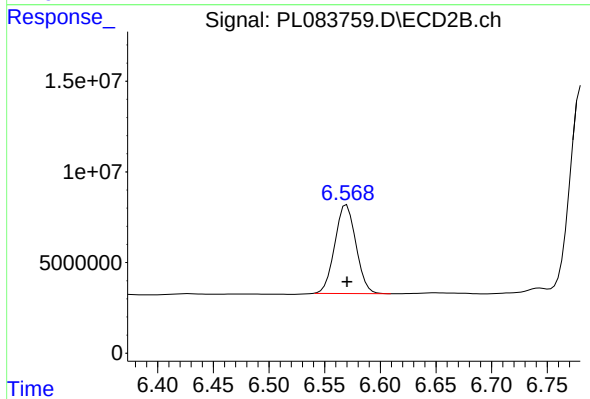
#19 Endosulfan Sulfate

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 133356425  
Conc: 51.24 ng/ml



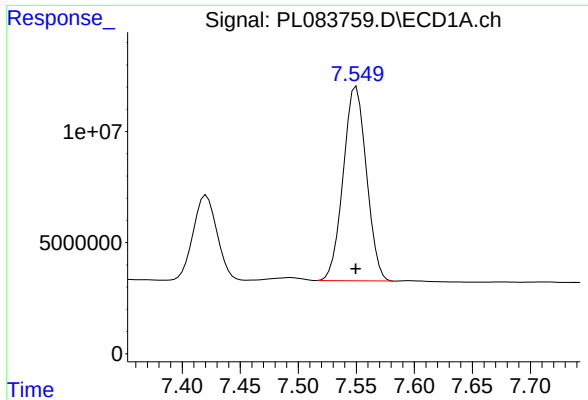
#20 Methoxychlor

R.T.: 7.421 min  
Delta R.T.: 0.000 min  
Response: 54521002  
Conc: 47.14 ng/ml



#20 Methoxychlor

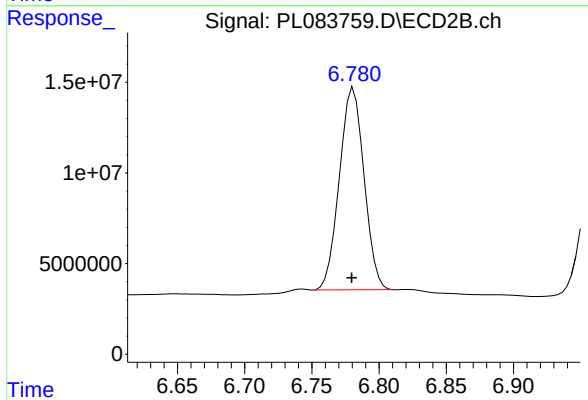
R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 64582508  
Conc: 51.01 ng/ml



#21 Endrin ketone

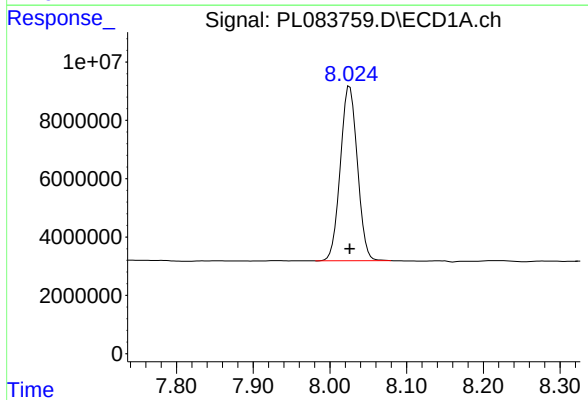
R.T.: 7.550 min  
Delta R.T.: 0.000 min  
Response: 121507946  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



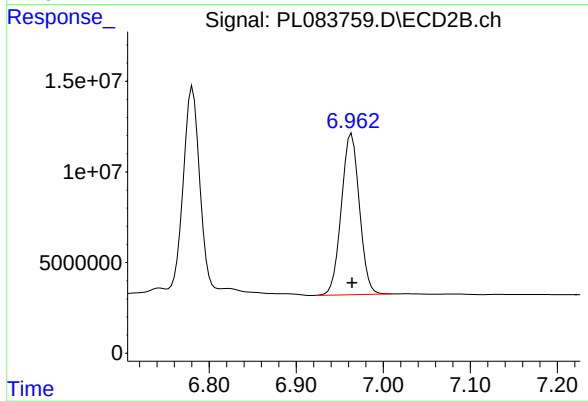
#21 Endrin ketone

R.T.: 6.781 min  
Delta R.T.: 0.001 min  
Response: 141948359  
Conc: 48.97 ng/ml



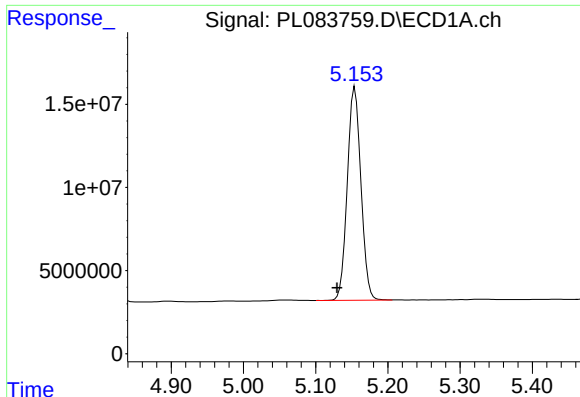
#22 Mirex

R.T.: 8.026 min  
Delta R.T.: 0.000 min  
Response: 92642705  
Conc: 48.65 ng/ml



#22 Mirex

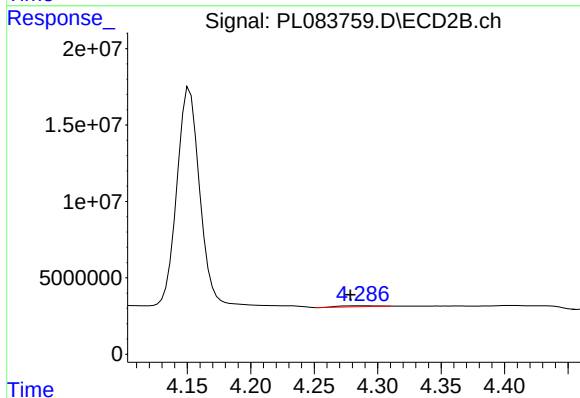
R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 128086461  
Conc: 50.69 ng/ml



#24 Chlordane-2

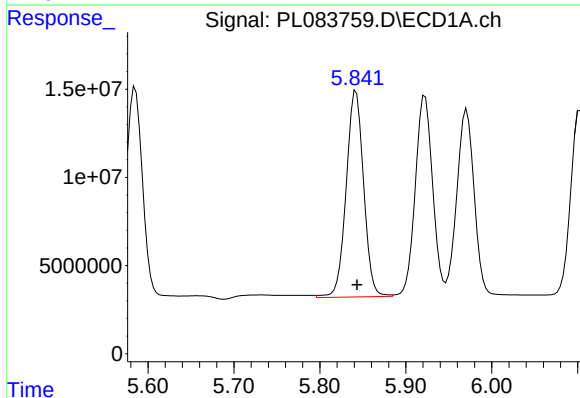
R.T.: 5.154 min  
Delta R.T.: 0.025 min  
Response: 166901628  
Conc: 1437.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



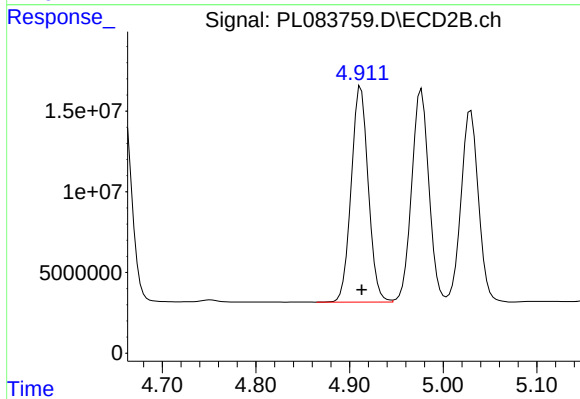
#24 Chlordane-2

R.T.: 4.287 min  
Delta R.T.: 0.009 min  
Response: 1317343  
Conc: 11.06 ng/ml



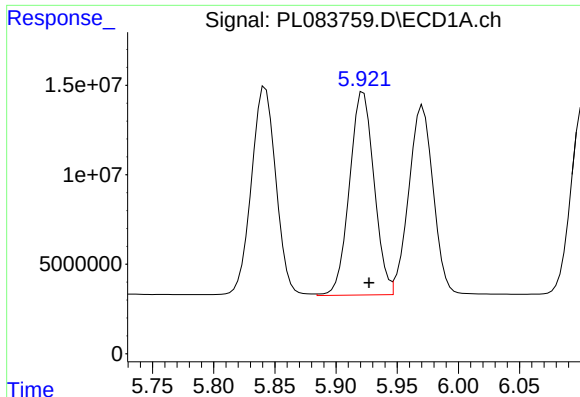
#25 Chlordane-3

R.T.: 5.842 min  
Delta R.T.: -0.001 min  
Response: 165318168  
Conc: 341.40 ng/ml



#25 Chlordane-3

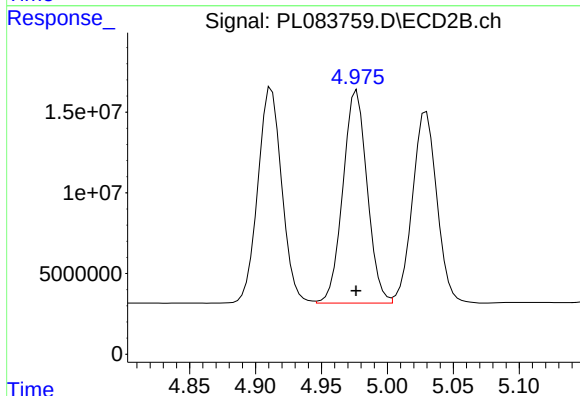
R.T.: 4.912 min  
Delta R.T.: 0.000 min  
Response: 169274377  
Conc: 502.08 ng/ml



#26 Chlordane-4

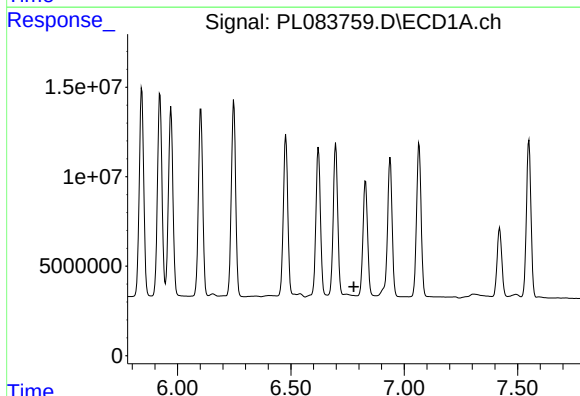
R.T.: 5.922 min  
Delta R.T.: -0.005 min  
Response: 158473670  
Conc: 273.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



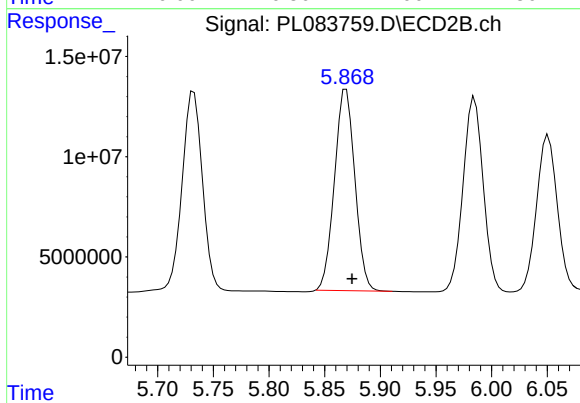
#26 Chlordane-4

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 168536764  
Conc: 477.77 ng/ml



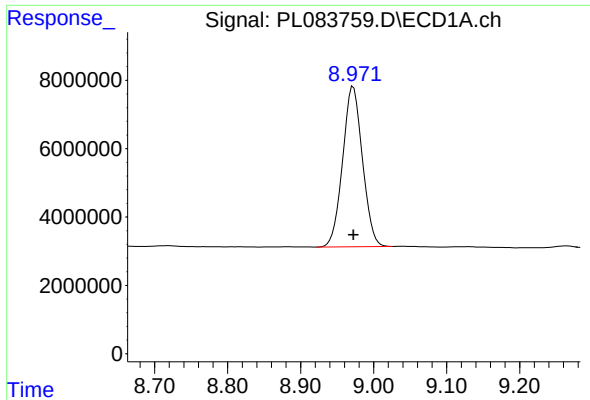
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.777 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

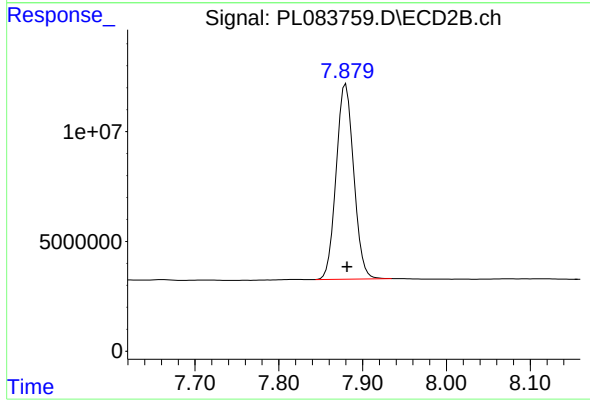
R.T.: 5.869 min  
Delta R.T.: -0.005 min  
Response: 128058297  
Conc: 1295.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.972 min  
Delta R.T.: 0.000 min  
Response: 88277733  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.880 min  
Delta R.T.: -0.001 min  
Response: 129198257  
Conc: 52.25 ng/ml