

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041420\  
 Data File : PL057962.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Apr 2020 15:43  
 Operator : AJ\MA  
 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: Apr 15 00:58:14 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.457  | 3.956  | 490.1E6 | 100.9E6  | 48.617   | 46.499     |
| 28)                         | SA Decachlor... | 8.203  | 8.976  | 469.7E6 | 98622337 | 45.562   | 44.151     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.894  | 4.343  | 851.3E6 | 157.7E6  | 49.006   | 48.033     |
| 3)                          | MA gamma-BHC... | 4.177  | 4.625  | 763.5E6 | 155.8E6  | 52.531   | 47.961     |
| 4)                          | MA Heptachlor   | 4.477  | 5.127  | 795.5E6 | 158.9E6  | 49.623   | 47.336     |
| 5)                          | MB Aldrin       | 4.725  | 5.428  | 754.6E6 | 154.8E6  | 51.245   | 47.791     |
| 6)                          | B beta-BHC      | 4.429  | 4.799  | 315.7E6 | 67734661 | 49.990   | 48.779     |
| 7)                          | B delta-BHC     | 4.633  | 5.013  | 785.2E6 | 119.6E6  | 51.736   | 47.920     |
| 8)                          | B Heptachlo...  | 5.168  | 5.812  | 682.7E6 | 138.0E6  | 50.796   | 51.118     |
| 9)                          | A Endosulfan I  | 5.506  | 6.167  | 620.3E6 | 140.6E6  | 50.613   | 47.148     |
| 10)                         | B gamma-Chl...  | 5.394  | 6.046  | 683.5E6 | 153.5E6  | 50.327   | 47.373     |
| 11)                         | B alpha-Chl...  | 5.452  | 6.118  | 667.5E6 | 154.6E6  | 50.130   | 47.240     |
| 12)                         | B 4,4'-DDE      | 5.616  | 6.277  | 650.1E6 | 140.4E6  | 49.626   | 47.429     |
| 13)                         | MA Dieldrin     | 5.749  | 6.423  | 657.9E6 | 144.9E6  | 50.572   | 47.413     |
| 14)                         | MA Endrin       | 6.005  | 6.639  | 564.5E6 | 114.5E6  | 48.359   | 45.834     |
| 15)                         | B Endosulfa...  | 6.279  | 6.850  | 541.9E6 | 118.4E6  | 48.984   | 45.657     |
| 16)                         | A 4,4'-DDD      | 6.131  | 6.766  | 521.8E6 | 112.0E6  | 52.210   | 49.069     |
| 17)                         | MA 4,4'-DDT     | 6.371  | 7.062  | 455.5E6 | 95152012 | 44.877   | 42.719     |
| 18)                         | B Endrin al...  | 6.447  | 6.973  | 439.9E6 | 99810249 | 47.054   | 44.926     |
| 19)                         | B Endosulfa...  | 6.660  | 7.196  | 495.5E6 | 108.2E6  | 48.769   | 45.577     |
| 20)                         | A Methoxychlor  | 6.917  | 7.522  | 233.5E6 | 52173637 | 42.364   | 41.016     |
| 21)                         | B Endrin ke...  | 7.151  | 7.664  | 554.6E6 | 116.0E6  | 49.815   | 46.922     |
| 22)                         | Mirex           | 7.338  | 8.113  | 382.0E6 | 83143188 | 46.605   | 45.220     |
| 23)                         | Chlordane-1     | 4.353f | 4.971f | 1923220 | 1129242  | 5.200    | 12.806 #   |
| 24)                         | Chlordane-2     | 4.827  | 5.428f | 5233201 | 154.8E6  | 12.963   | 1482.938 # |
| 25)                         | Chlordane-3     | 5.394  | 6.046  | 683.5E6 | 153.5E6  | 559.049  | 354.729 #  |
| 26)                         | Chlordane-4     | 5.452  | 6.118  | 667.5E6 | 154.6E6  | 641.705  | 294.481 #  |
| 27)                         | Chlordane-5     | 6.279  | 6.925  | 541.9E6 | 661151   | 1432.478 | 7.754 #    |
| -----                       |                 |        |        |         |          |          |            |

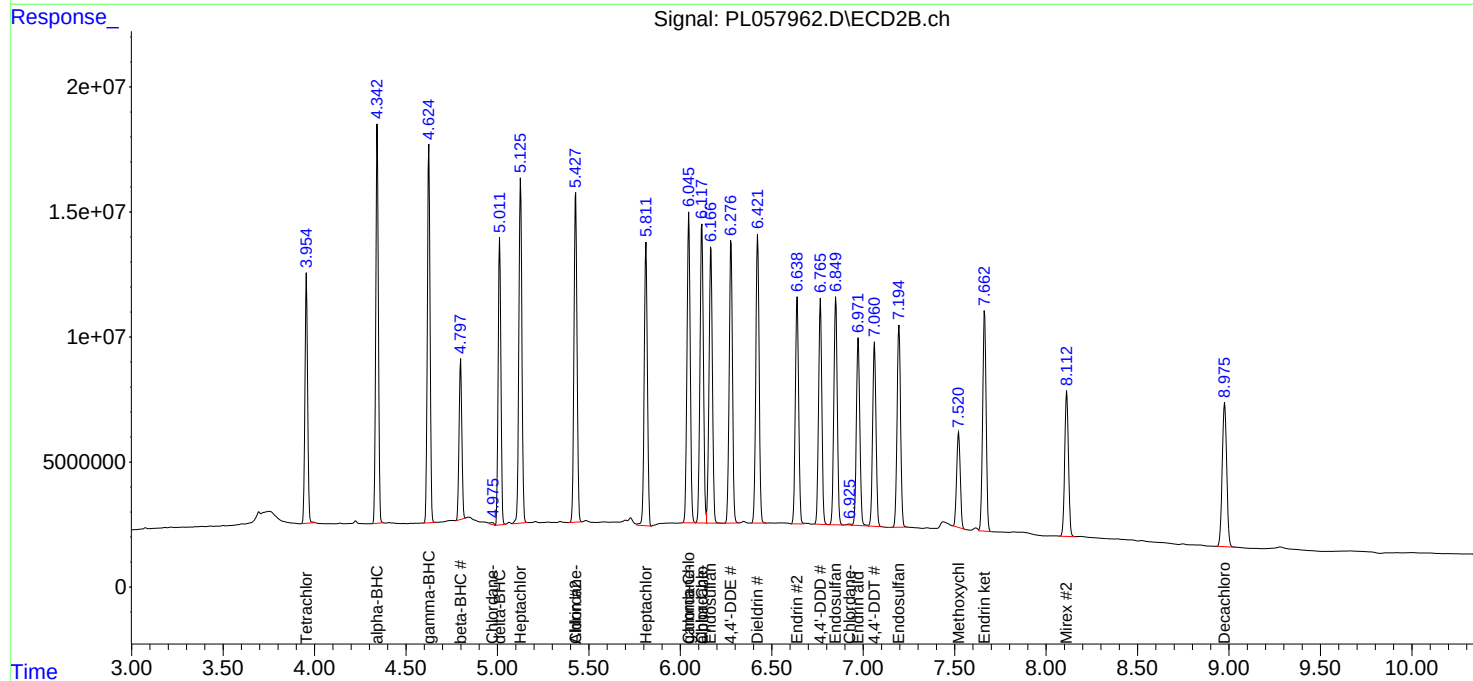
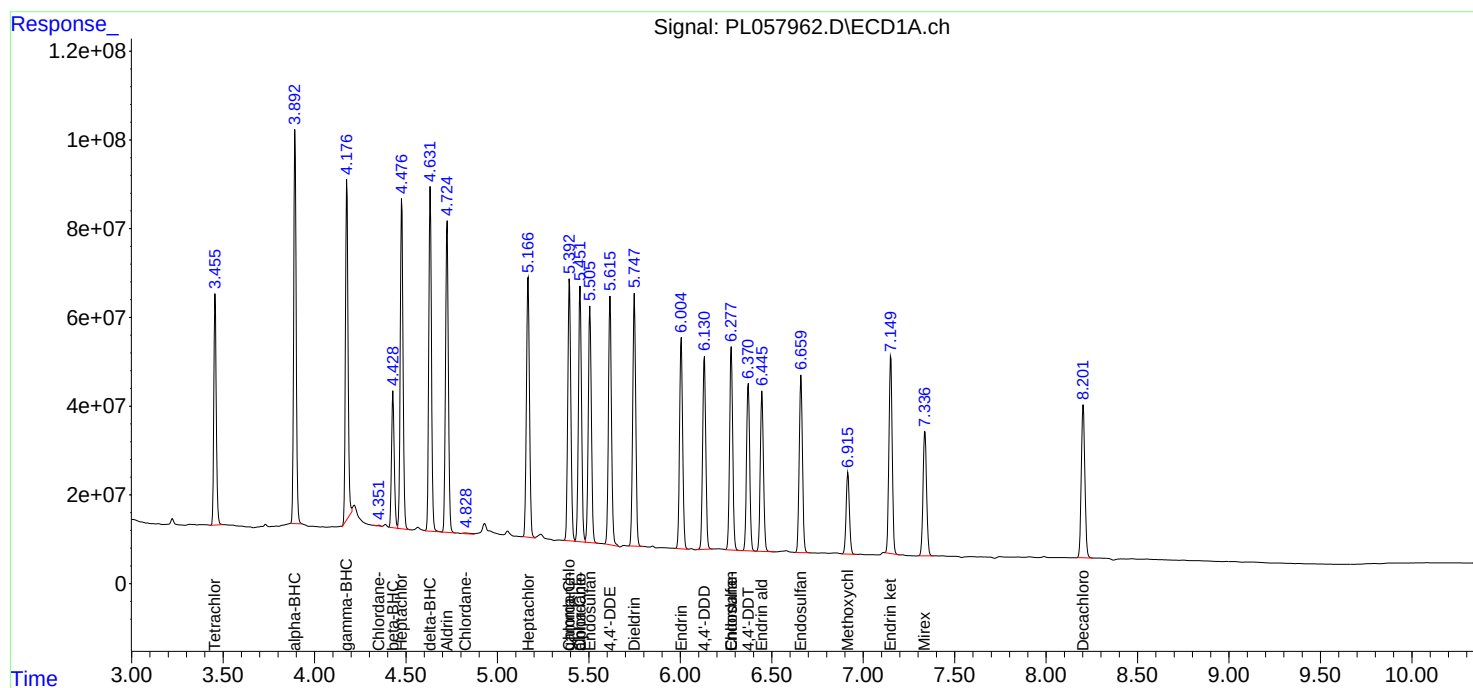
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

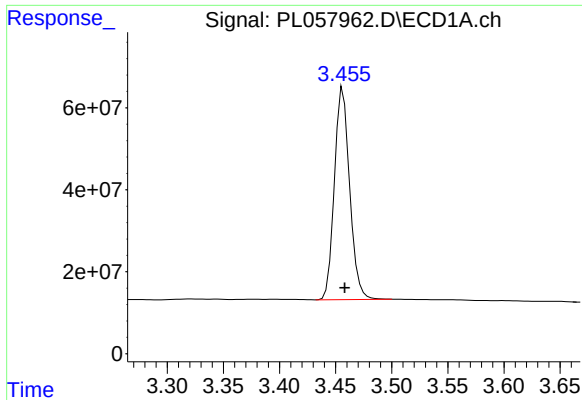
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041420\  
Data File : PL057962.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Apr 2020 15:43  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 15 00:58:14 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

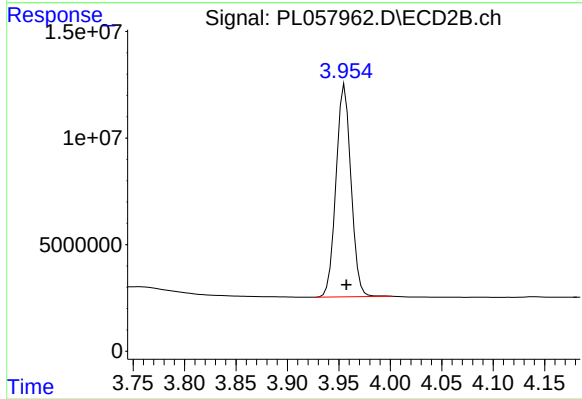




#1 Tetrachloro-m-xylene

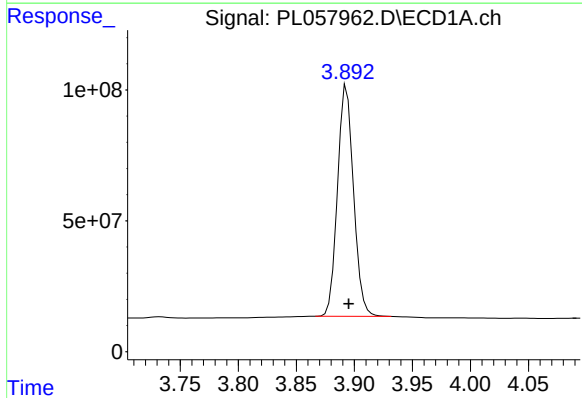
R.T.: 3.457 min  
Delta R.T.: -0.001 min  
Response: 490110655  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



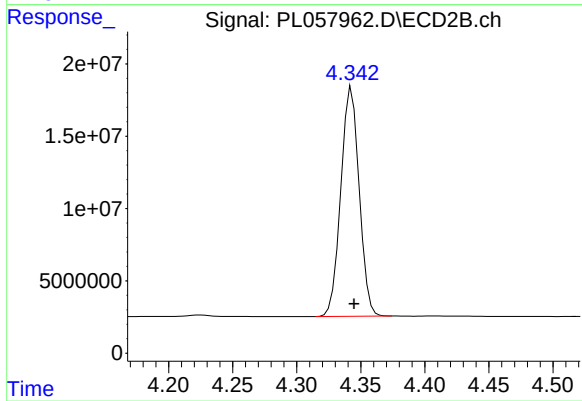
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.002 min  
Response: 100909201  
Conc: 46.50 ng/ml



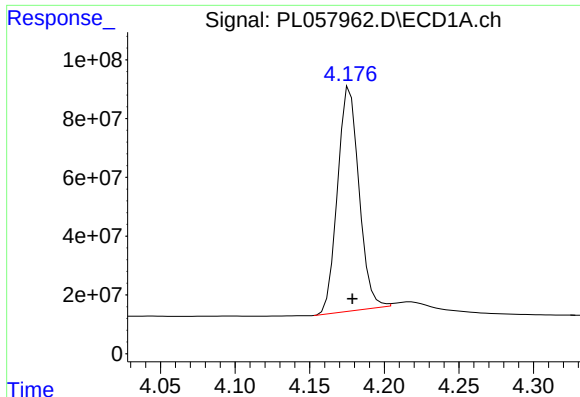
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: -0.001 min  
Response: 851320256  
Conc: 49.01 ng/ml



#2 alpha-BHC

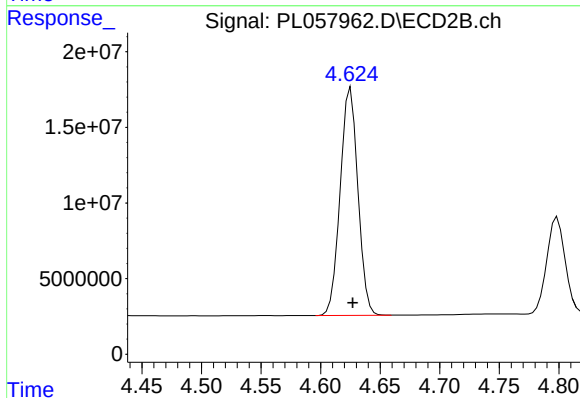
R.T.: 4.343 min  
Delta R.T.: -0.002 min  
Response: 157723995  
Conc: 48.03 ng/ml



#3 gamma-BHC (Lindane)

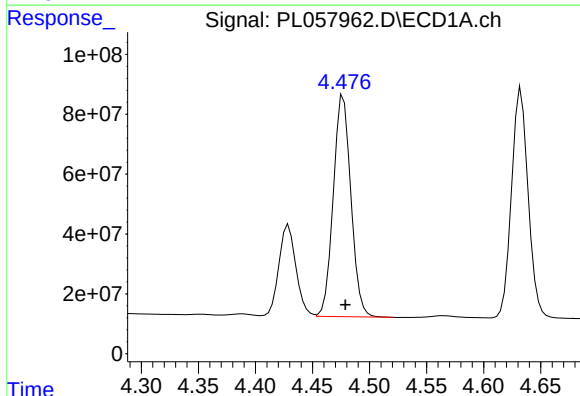
R.T.: 4.177 min  
Delta R.T.: -0.002 min  
Response: 763548661  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



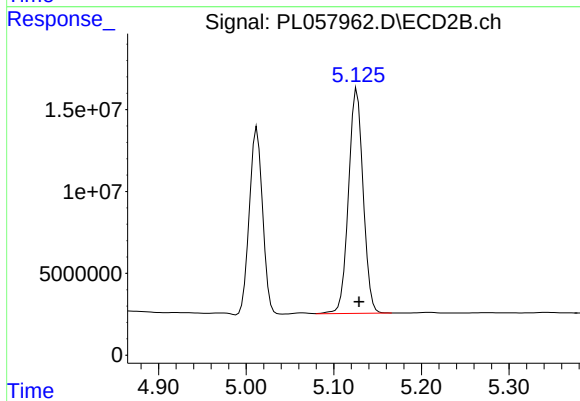
#3 gamma-BHC (Lindane)

R.T.: 4.625 min  
Delta R.T.: -0.002 min  
Response: 155804857  
Conc: 47.96 ng/ml



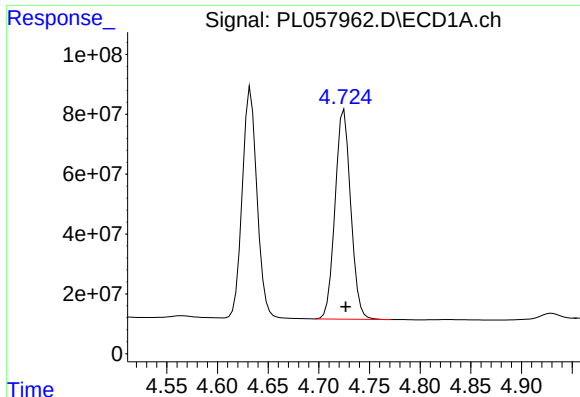
#4 Heptachlor

R.T.: 4.477 min  
Delta R.T.: -0.002 min  
Response: 795473322  
Conc: 49.62 ng/ml



#4 Heptachlor

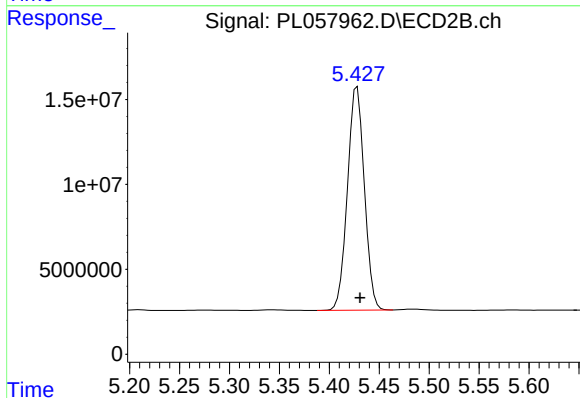
R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 158867010  
Conc: 47.34 ng/ml



#5 Aldrin

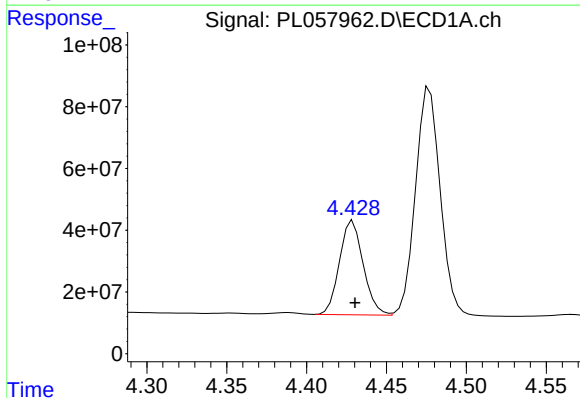
R.T.: 4.725 min  
Delta R.T.: -0.001 min  
Response: 754582287  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



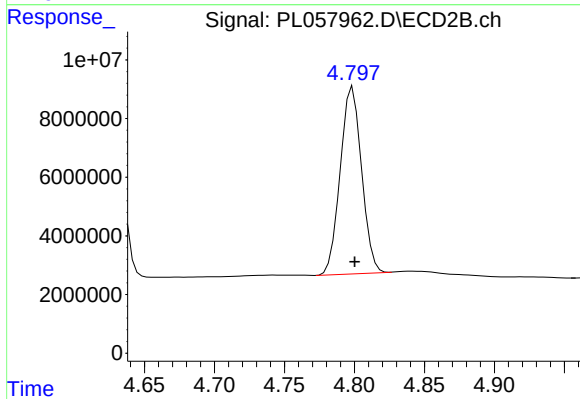
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: -0.003 min  
Response: 154757351  
Conc: 47.79 ng/ml



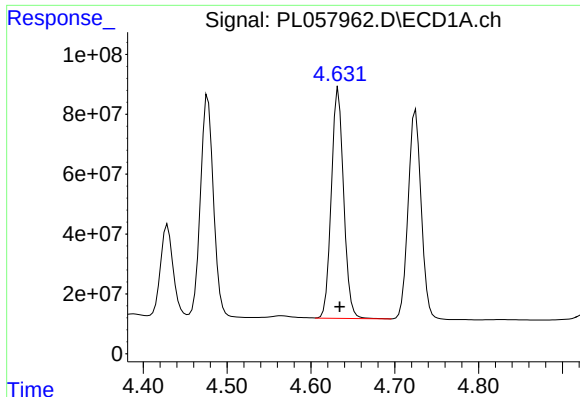
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: -0.001 min  
Response: 315698564  
Conc: 49.99 ng/ml



#6 beta-BHC

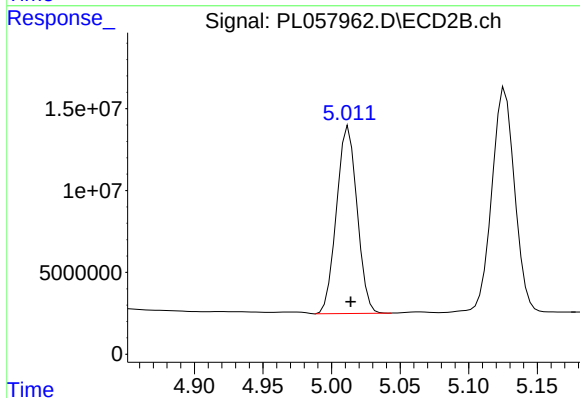
R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 67734661  
Conc: 48.78 ng/ml



#7 delta-BHC

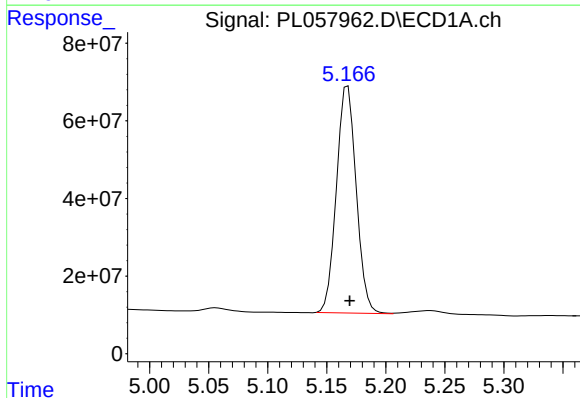
R.T.: 4.633 min  
Delta R.T.: -0.002 min  
Response: 785155048  
Conc: 51.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



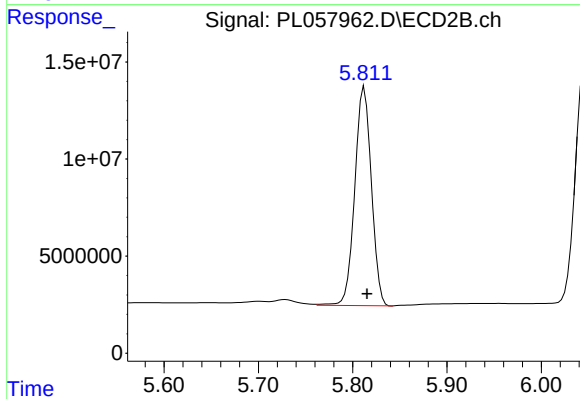
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: -0.002 min  
Response: 119589686  
Conc: 47.92 ng/ml



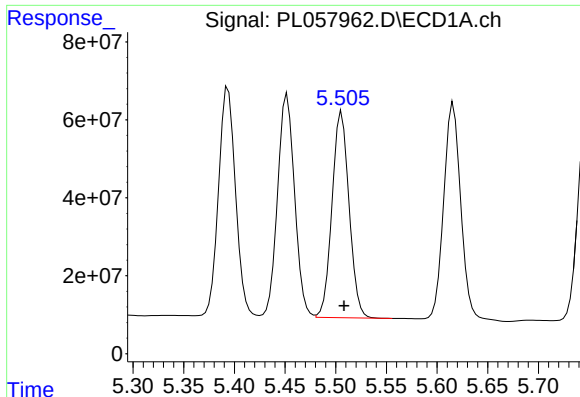
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: -0.002 min  
Response: 682689995  
Conc: 50.80 ng/ml



#8 Heptachlor epoxide

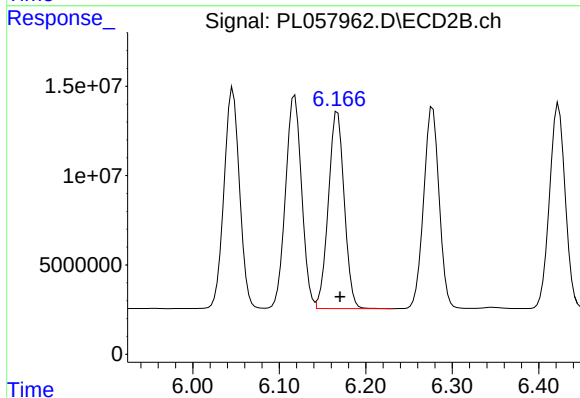
R.T.: 5.812 min  
Delta R.T.: -0.003 min  
Response: 138036310  
Conc: 51.12 ng/ml



#9 Endosulfan I

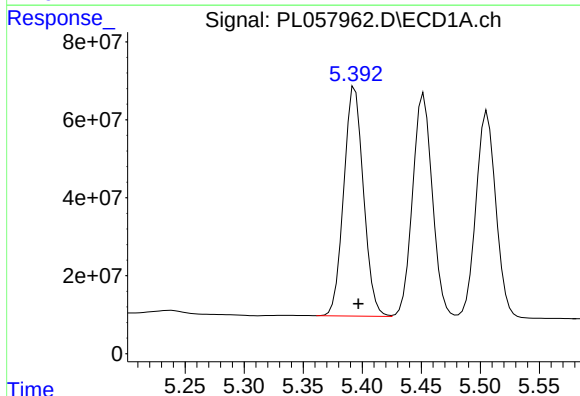
R.T.: 5.506 min  
Delta R.T.: -0.002 min  
Response: 620346309  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



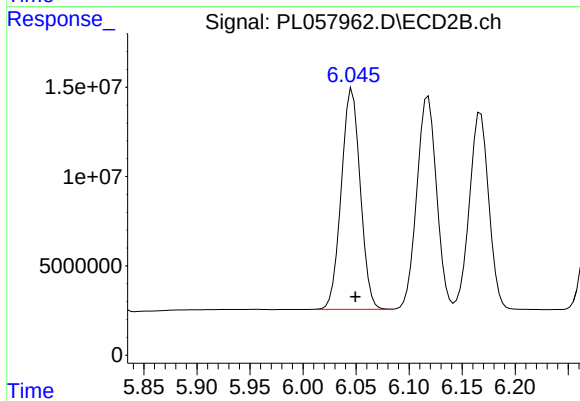
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 140584471  
Conc: 47.15 ng/ml



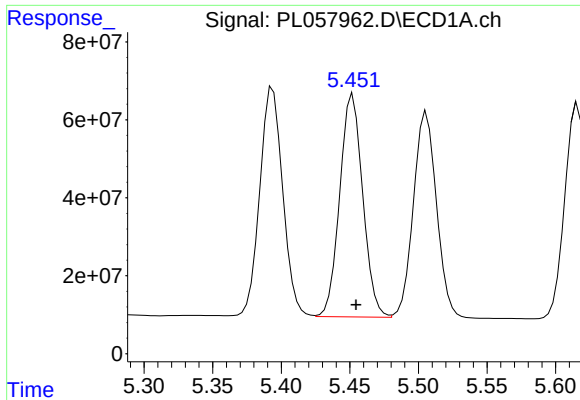
#10 gamma-Chlordane

R.T.: 5.394 min  
Delta R.T.: -0.003 min  
Response: 683500821  
Conc: 50.33 ng/ml



#10 gamma-Chlordane

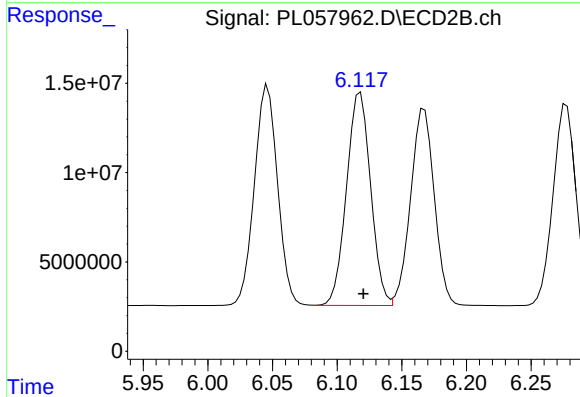
R.T.: 6.046 min  
Delta R.T.: -0.003 min  
Response: 153481916  
Conc: 47.37 ng/ml



#11 alpha-Chlordane

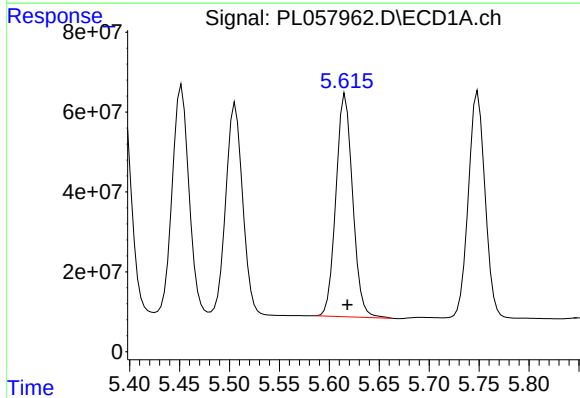
R.T.: 5.452 min  
Delta R.T.: -0.002 min  
Response: 667507621  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



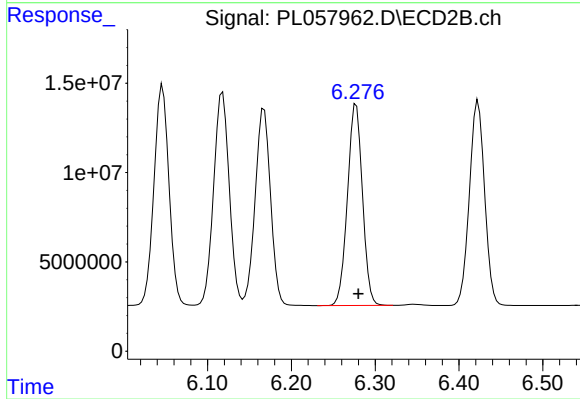
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: -0.002 min  
Response: 154584073  
Conc: 47.24 ng/ml



#12 4,4'-DDE

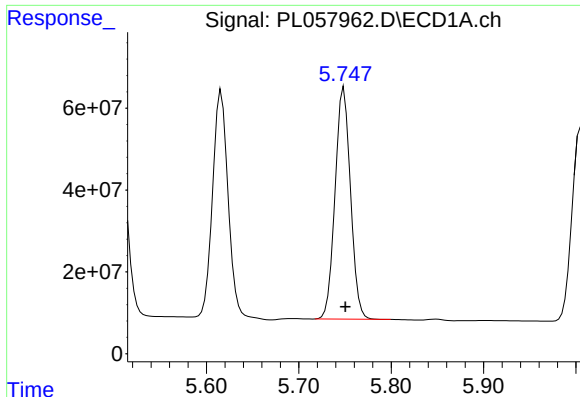
R.T.: 5.616 min  
Delta R.T.: -0.002 min  
Response: 650101662  
Conc: 49.63 ng/ml



#12 4,4'-DDE

R.T.: 6.277 min  
Delta R.T.: -0.003 min  
Response: 140422116  
Conc: 47.43 ng/ml

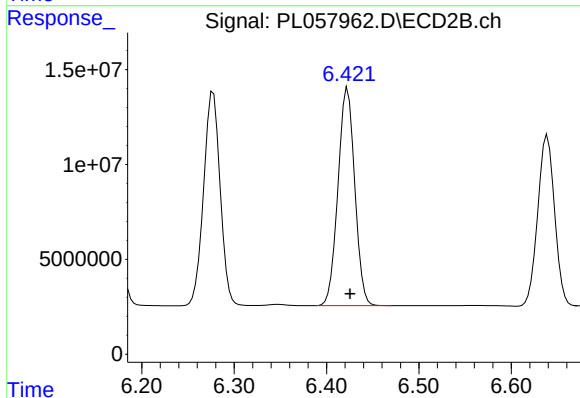




#13 Dieldrin

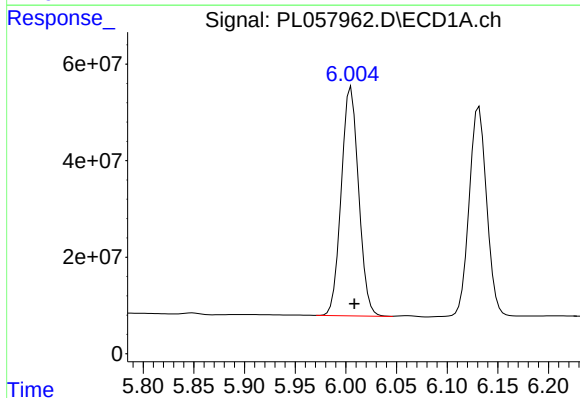
R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 657886989  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



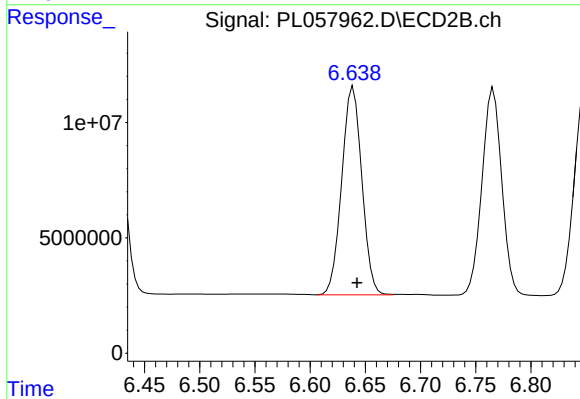
#13 Dieldrin

R.T.: 6.423 min  
Delta R.T.: -0.003 min  
Response: 144877327  
Conc: 47.41 ng/ml



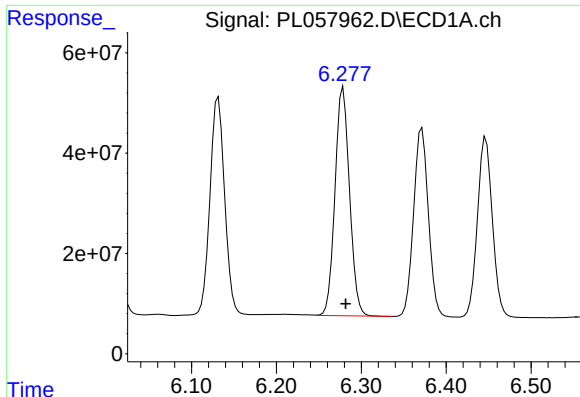
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.003 min  
Response: 564480250  
Conc: 48.36 ng/ml



#14 Endrin

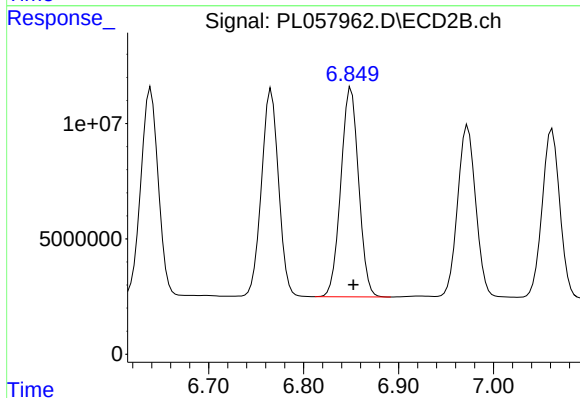
R.T.: 6.639 min  
Delta R.T.: -0.003 min  
Response: 114519130  
Conc: 45.83 ng/ml



#15 Endosulfan II

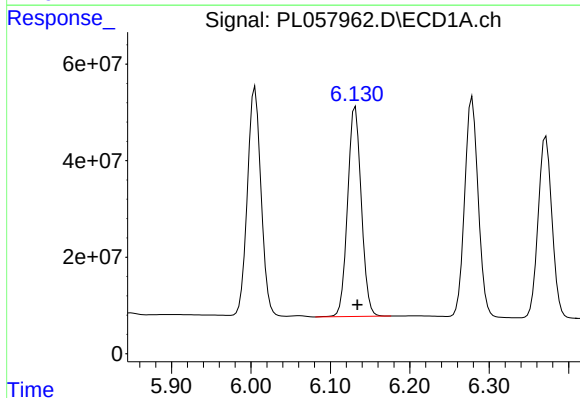
R.T.: 6.279 min  
Delta R.T.: -0.003 min  
Response: 541870730  
Conc: 48.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



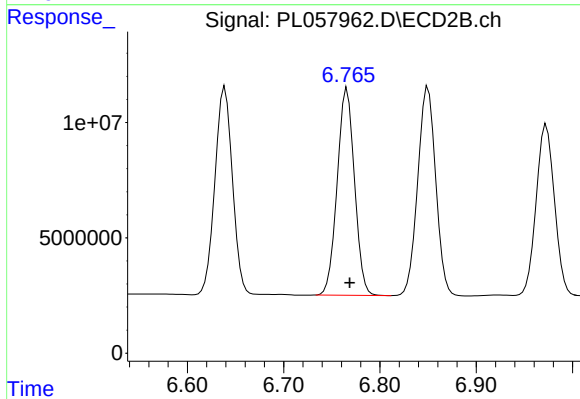
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: -0.002 min  
Response: 118418482  
Conc: 45.66 ng/ml



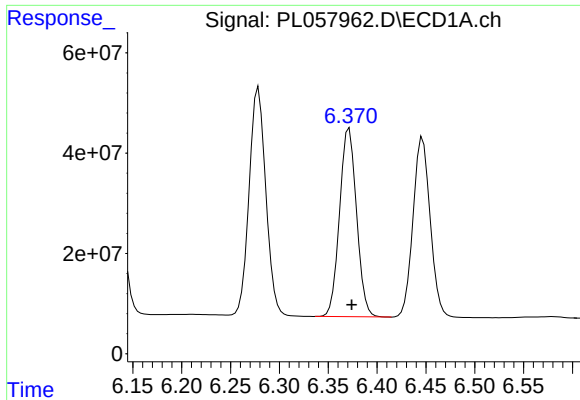
#16 4,4'-DDD

R.T.: 6.131 min  
Delta R.T.: -0.002 min  
Response: 521816181  
Conc: 52.21 ng/ml



#16 4,4'-DDD

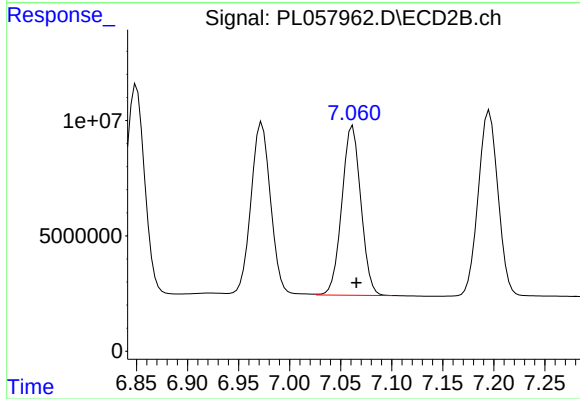
R.T.: 6.766 min  
Delta R.T.: -0.003 min  
Response: 111983142  
Conc: 49.07 ng/ml



#17 4,4'-DDT

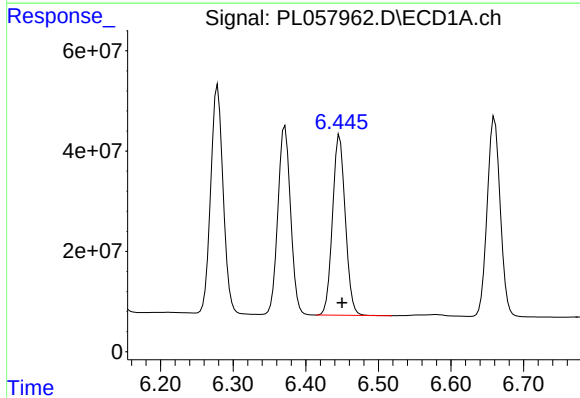
R.T.: 6.371 min  
Delta R.T.: -0.003 min  
Response: 455471156  
Conc: 44.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



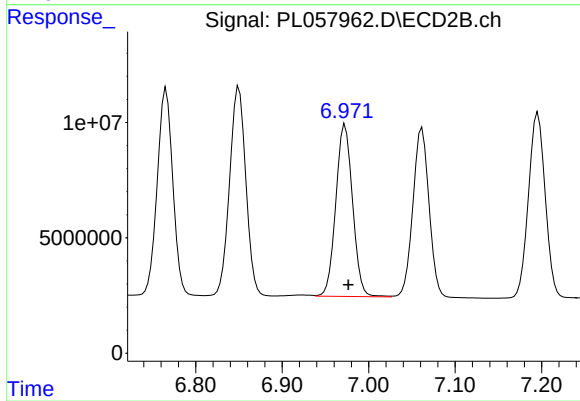
#17 4,4'-DDT

R.T.: 7.062 min  
Delta R.T.: -0.004 min  
Response: 95152012  
Conc: 42.72 ng/ml



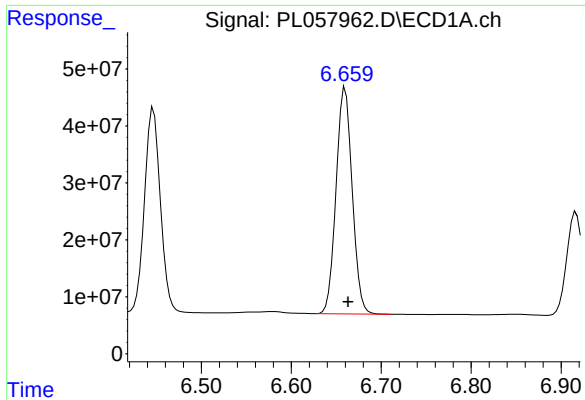
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.003 min  
Response: 439933065  
Conc: 47.05 ng/ml



#18 Endrin aldehyde

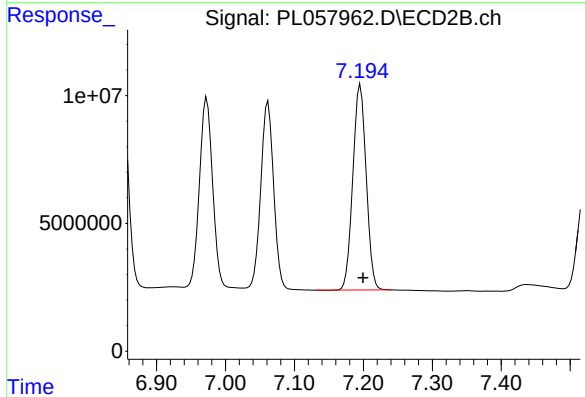
R.T.: 6.973 min  
Delta R.T.: -0.004 min  
Response: 99810249  
Conc: 44.93 ng/ml



#19 Endosulfan Sulfate

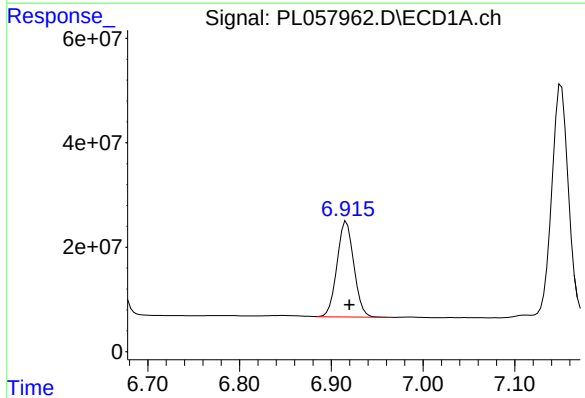
R.T.: 6.660 min  
Delta R.T.: -0.003 min  
Response: 495474758  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



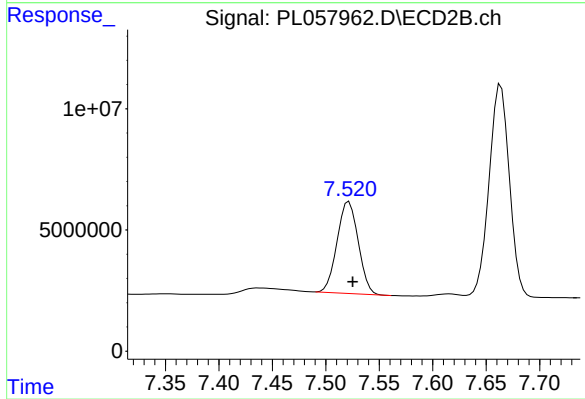
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: -0.004 min  
Response: 108154872  
Conc: 45.58 ng/ml



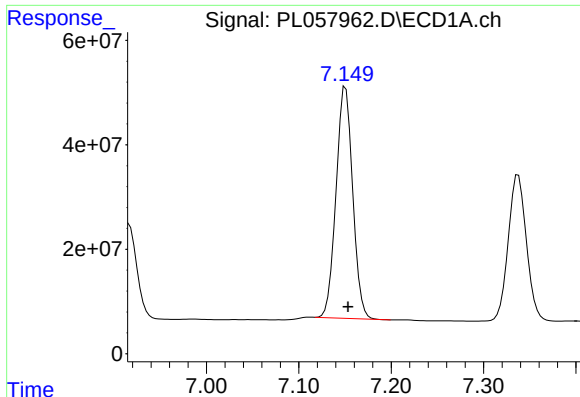
#20 Methoxychlor

R.T.: 6.917 min  
Delta R.T.: -0.003 min  
Response: 233537015  
Conc: 42.36 ng/ml



#20 Methoxychlor

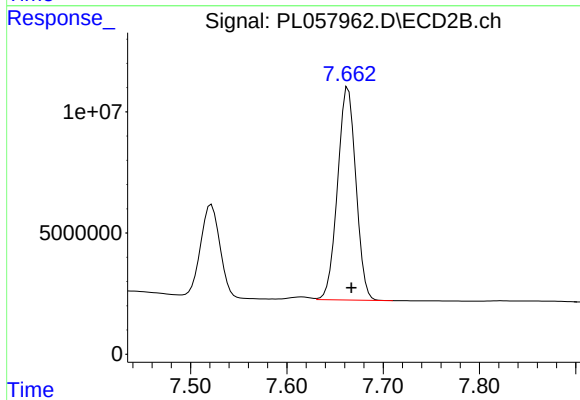
R.T.: 7.522 min  
Delta R.T.: -0.003 min  
Response: 52173637  
Conc: 41.02 ng/ml



#21 Endrin ketone

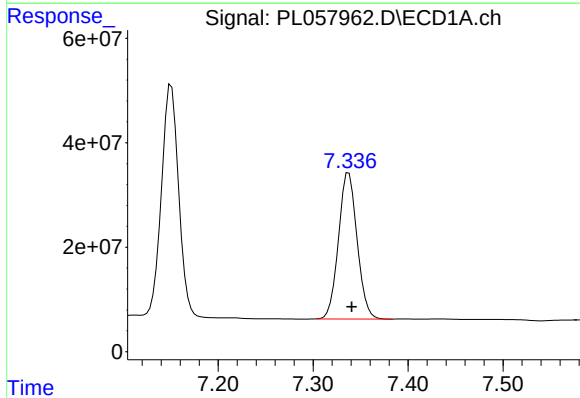
R.T.: 7.151 min  
Delta R.T.: -0.003 min  
Response: 554583393  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



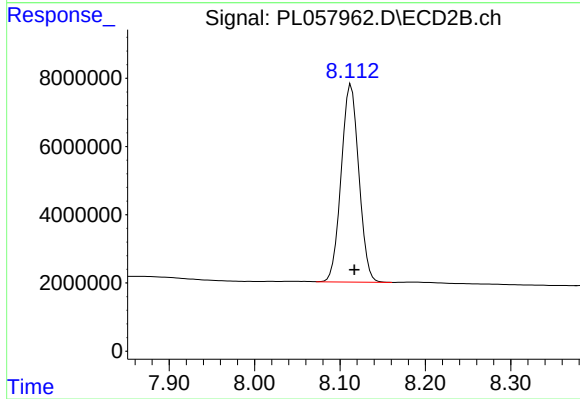
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: -0.003 min  
Response: 115992511  
Conc: 46.92 ng/ml



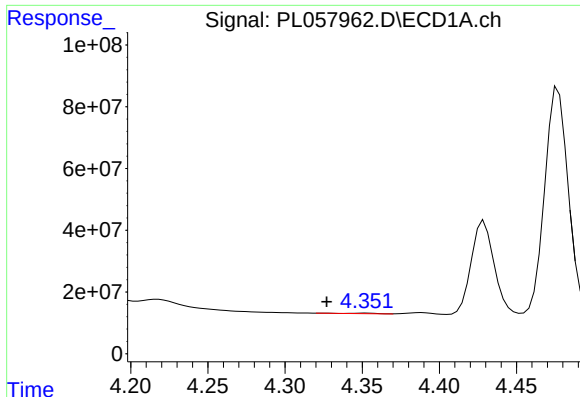
#22 Mirex

R.T.: 7.338 min  
Delta R.T.: -0.003 min  
Response: 382031537  
Conc: 46.61 ng/ml



#22 Mirex

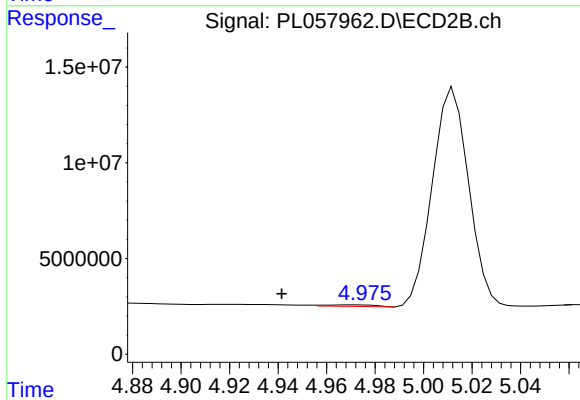
R.T.: 8.113 min  
Delta R.T.: -0.004 min  
Response: 83143188  
Conc: 45.22 ng/ml



#23 Chlordane-1

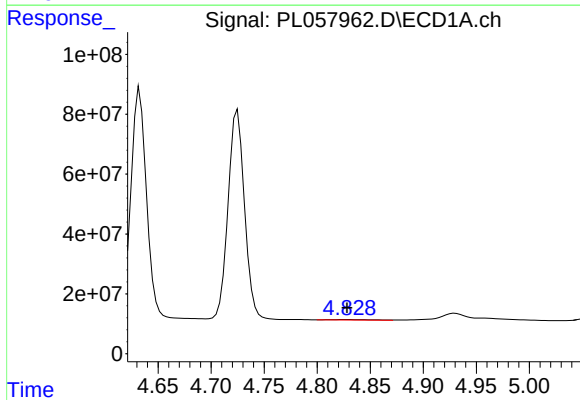
R.T.: 4.353 min  
Delta R.T.: 0.026 min  
Response: 1923220  
Conc: 5.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



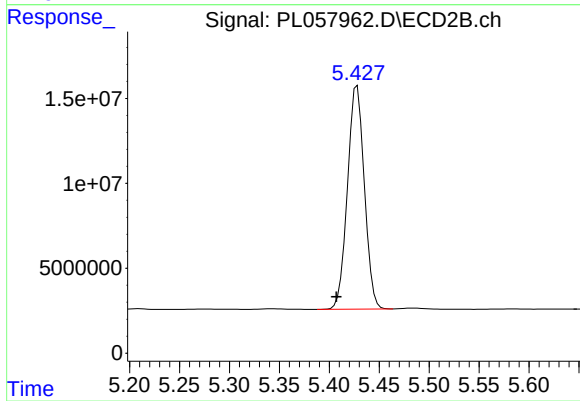
#23 Chlordane-1

R.T.: 4.971 min  
Delta R.T.: 0.030 min  
Response: 1129242  
Conc: 12.81 ng/ml



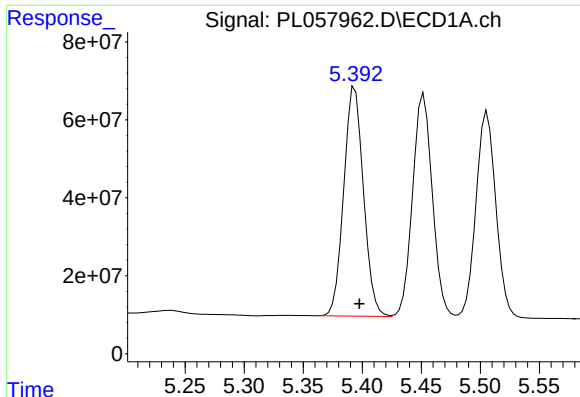
#24 Chlordane-2

R.T.: 4.827 min  
Delta R.T.: 0.000 min  
Response: 5233201  
Conc: 12.96 ng/ml



#24 Chlordane-2

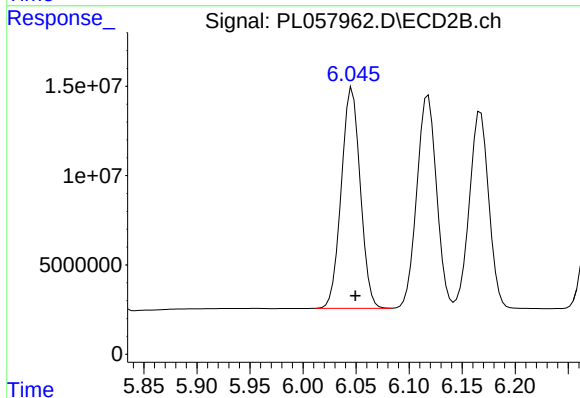
R.T.: 5.428 min  
Delta R.T.: 0.021 min  
Response: 154757351  
Conc: 1482.94 ng/ml



#25 Chlordane-3

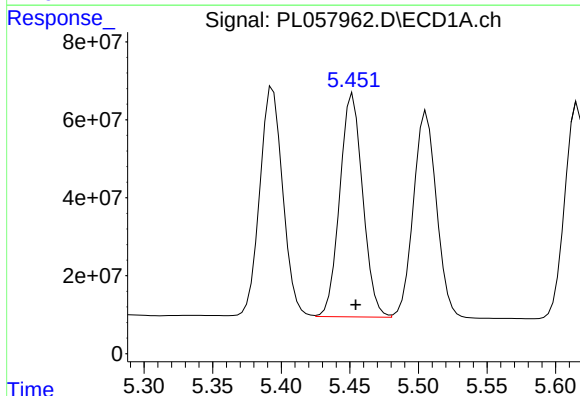
R.T.: 5.394 min  
Delta R.T.: -0.004 min  
Response: 683500821  
Conc: 559.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



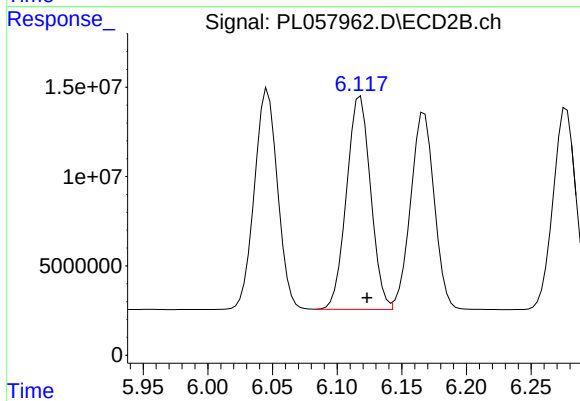
#25 Chlordane-3

R.T.: 6.046 min  
Delta R.T.: -0.003 min  
Response: 153481916  
Conc: 354.73 ng/ml



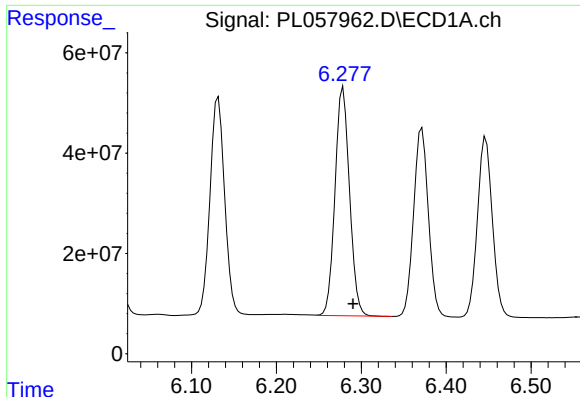
#26 Chlordane-4

R.T.: 5.452 min  
Delta R.T.: -0.002 min  
Response: 667507621  
Conc: 641.70 ng/ml



#26 Chlordane-4

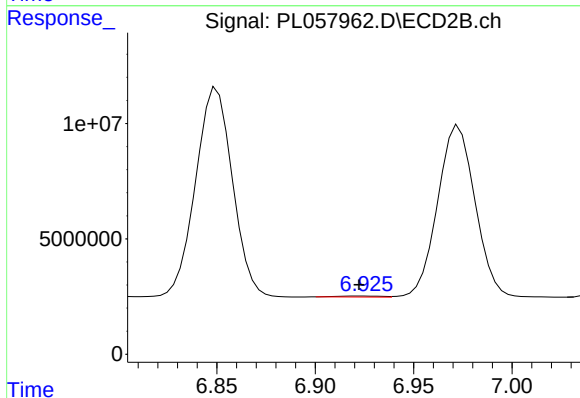
R.T.: 6.118 min  
Delta R.T.: -0.005 min  
Response: 154584073  
Conc: 294.48 ng/ml



#27 Chlordane-5

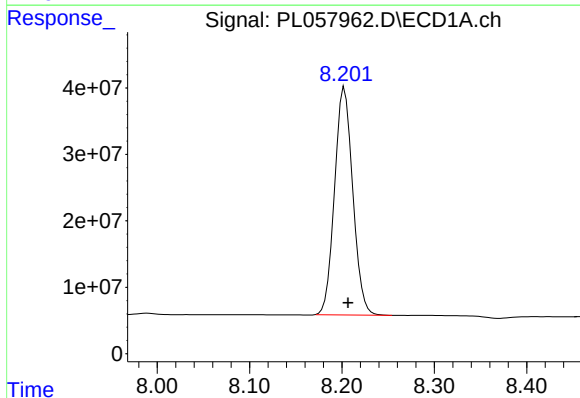
R.T.: 6.279 min  
Delta R.T.: -0.012 min  
Response: 541870730  
Conc: 1432.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



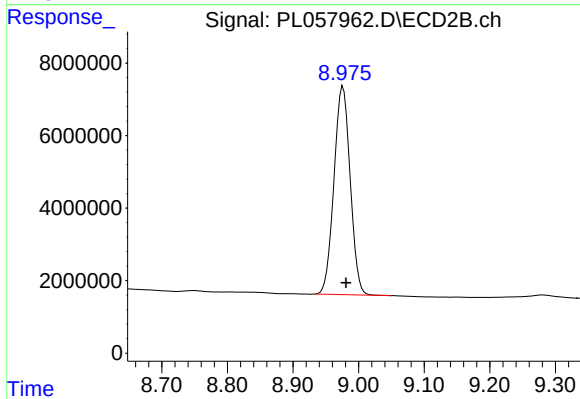
#27 Chlordane-5

R.T.: 6.925 min  
Delta R.T.: 0.002 min  
Response: 661151  
Conc: 7.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min  
Delta R.T.: -0.004 min  
Response: 469675333  
Conc: 45.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: -0.004 min  
Response: 98622337  
Conc: 44.15 ng/ml