

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100220\  
 Data File : PL061937.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Oct 2020 13:39  
 Operator : DD\AJ  
 Sample : L4190-05MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 17:42:09 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:58:40 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... | 3.458 | 4.007  | 35378984 | 53159864 | 20.738   | 19.485     |
| 28)                         | SA Decachlor... | 8.209 | 9.095  | 28138129 | 38946174 | 17.297   | 17.692     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.397  | 129.2E6  | 205.9E6  | 52.994   | 51.536     |
| 3)                          | MA gamma-BHC... | 4.177 | 4.682  | 120.2E6  | 190.2E6  | 54.960   | 51.391     |
| 4)                          | MA Heptachlor   | 4.478 | 5.193  | 108.9E6  | 180.3E6  | 53.356   | 52.074     |
| 5)                          | MB Aldrin       | 4.726 | 5.499  | 88947154 | 166.1E6  | 49.297   | 51.261     |
| 6)                          | B beta-BHC      | 4.428 | 4.854  | 47383957 | 73684911 | 51.881   | 48.799     |
| 7)                          | B delta-BHC     | 4.632 | 5.071  | 107.7E6  | 134.6E6  | 52.554   | 52.839     |
| 8)                          | B Heptachlo...  | 5.169 | 5.886  | 96336667 | 137.0E6  | 55.180   | 55.274     |
| 9)                          | A Endosulfan I  | 5.507 | 6.245  | 89146195 | 134.0E6  | 55.014   | 48.521     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.122  | 110.8E6  | 141.1E6  | 63.796   | 48.044     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.195  | 103.5E6  | 144.2E6  | 59.591   | 48.024     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.352  | 85237564 | 130.3E6  | 54.234   | 47.721     |
| 13)                         | MA Dieldrin     | 5.750 | 6.502  | 89005163 | 135.4E6  | 52.920   | 47.722     |
| 14)                         | MA Endrin       | 6.007 | 6.721  | 84620838 | 113.8E6  | 53.180   | 46.656     |
| 15)                         | B Endosulfa...  | 6.280 | 6.931  | 79832990 | 124.6E6  | 49.376   | 48.215     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.844  | 68105774 | 114.4E6  | 51.438   | 51.472     |
| 17)                         | MA 4,4'-DDT     | 6.375 | 7.143  | 68112506 | 106.2E6  | 53.994   | 48.475     |
| 18)                         | B Endrin al...  | 6.448 | 7.055  | 68163175 | 102.0E6  | 48.474   | 47.645     |
| 19)                         | B Endosulfa...  | 6.661 | 7.279  | 76446542 | 112.0E6  | 49.414   | 47.830     |
| 20)                         | A Methoxychlor  | 6.921 | 7.604  | 39716856 | 60380893 | 49.123   | 47.922     |
| 21)                         | B Endrin ke...  | 7.150 | 7.750  | 85226169 | 120.3E6  | 49.869   | 51.238     |
| 22)                         | Mirex           | 7.339 | 8.206  | 64591855 | 84930102 | 46.074   | 48.202     |
| 23)                         | Chlordane-1     | 4.331 | 0.000  | 1446785  | 0        | 29.219   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 166.1E6  | N.D.     | 1613.710 # |
| 25)                         | Chlordane-3     | 5.396 | 6.122  | 110.8E6  | 141.1E6  | 704.874  | 385.030 #  |
| 26)                         | Chlordane-4     | 5.454 | 6.195  | 103.5E6  | 144.2E6  | 793.381  | 321.310 #  |
| 27)                         | Chlordane-5     | 6.280 | 0.000  | 79832990 | 0        | 1464.117 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

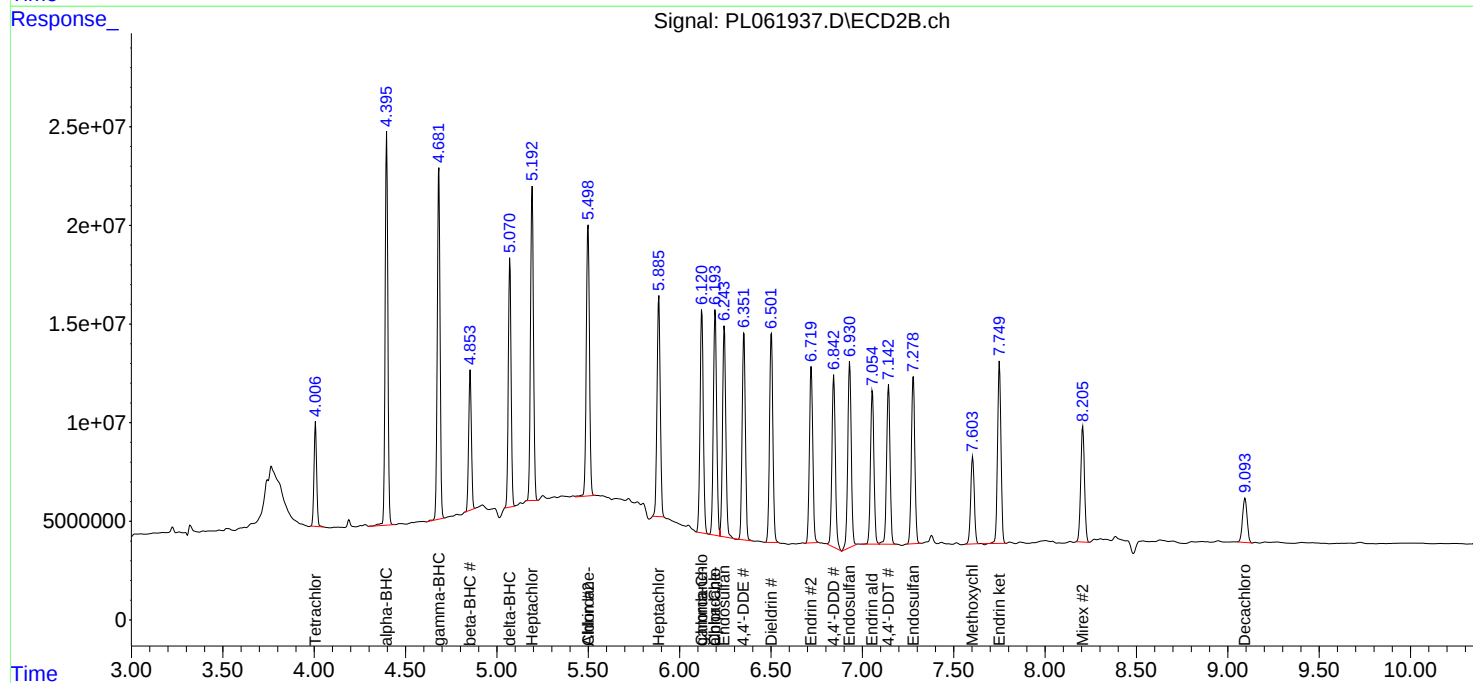
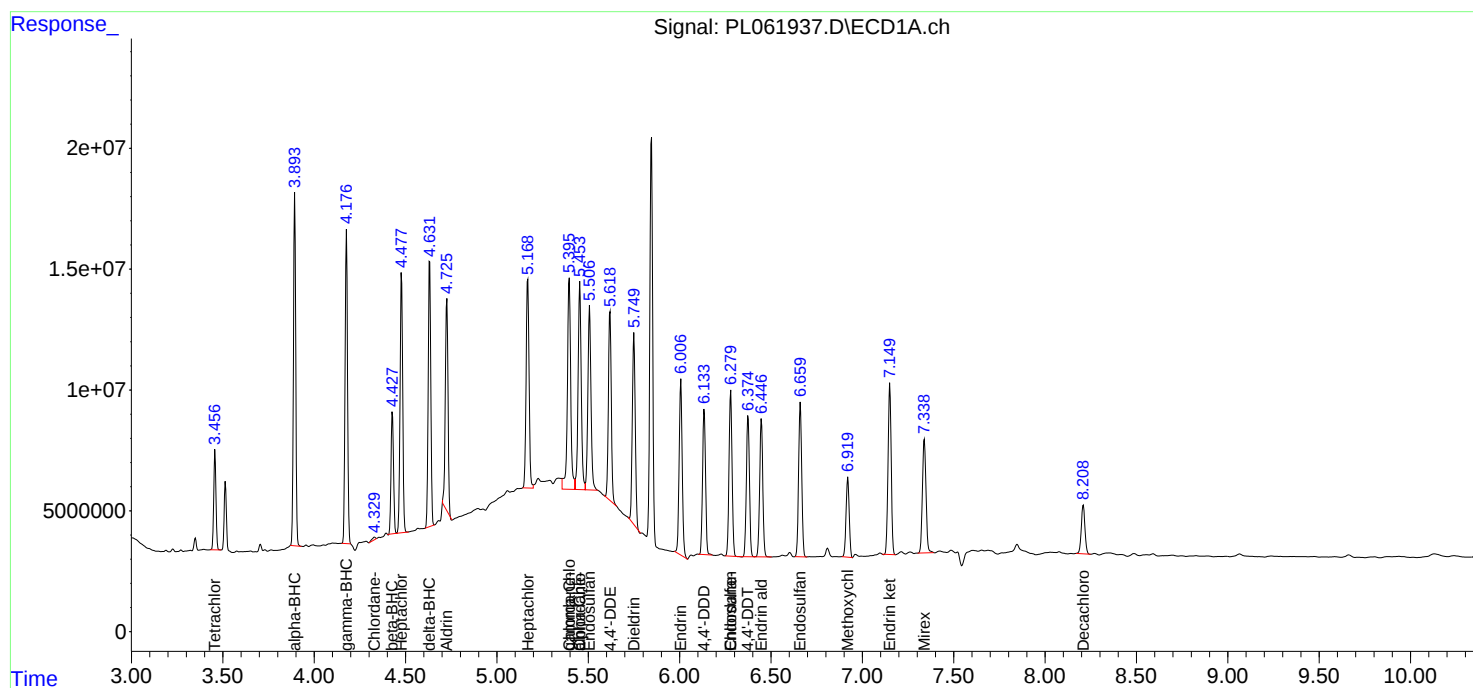
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

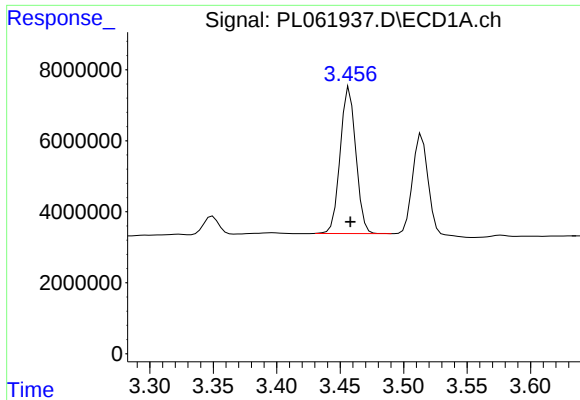
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100220\  
Data File : PL061937.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Oct 2020 13:39  
Operator : DD\AJ  
Sample : L4190-05MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 17:42:09 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:58:40 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

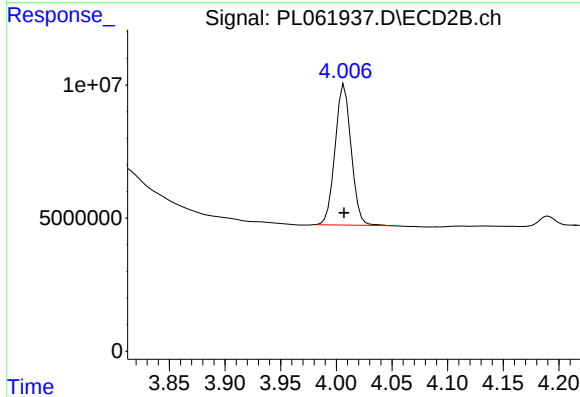




#1 Tetrachloro-m-xylene

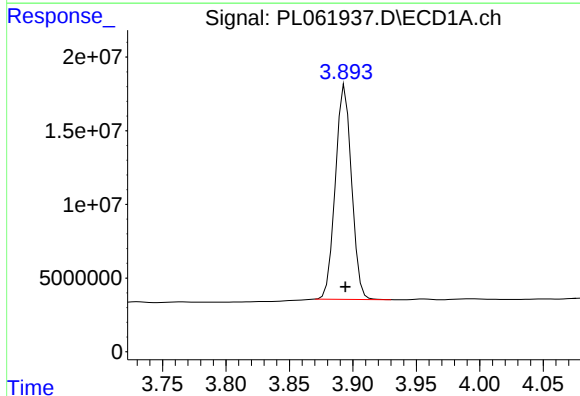
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 35378984  
Conc: 20.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



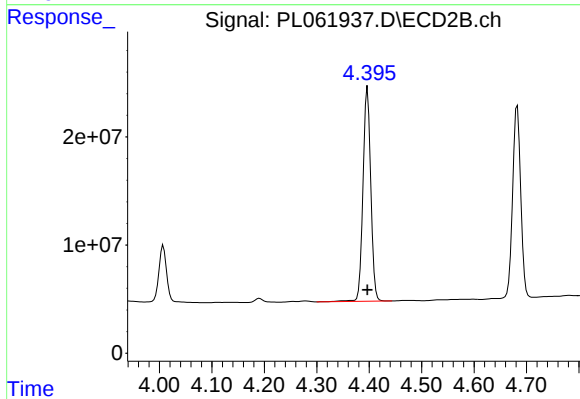
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 53159864  
Conc: 19.49 ng/ml



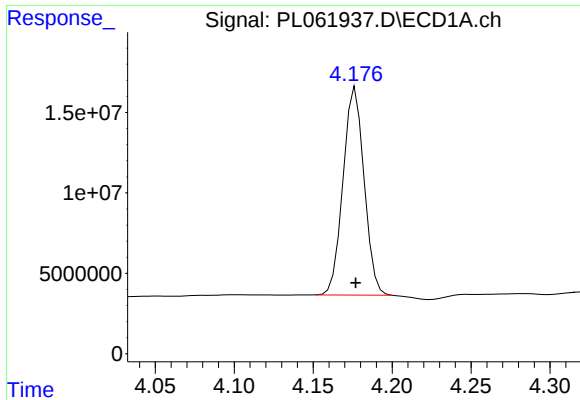
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 129169325  
Conc: 52.99 ng/ml



#2 alpha-BHC

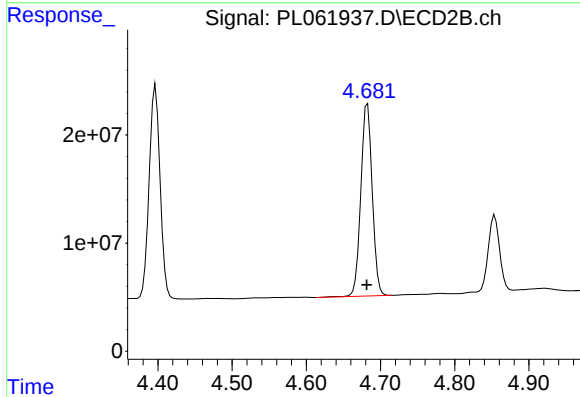
R.T.: 4.397 min  
Delta R.T.: 0.000 min  
Response: 205852359  
Conc: 51.54 ng/ml



#3 gamma-BHC (Lindane)

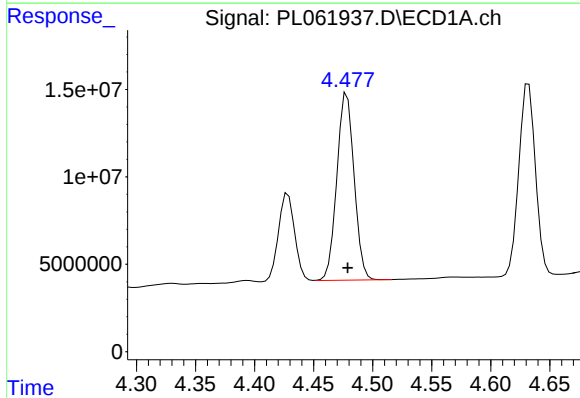
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 120210564  
Conc: 54.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



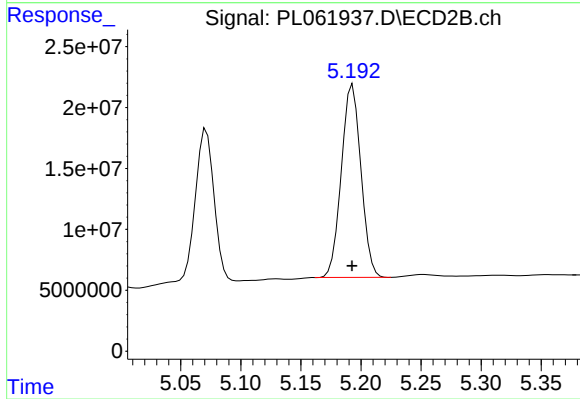
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: 0.000 min  
Response: 190246156  
Conc: 51.39 ng/ml



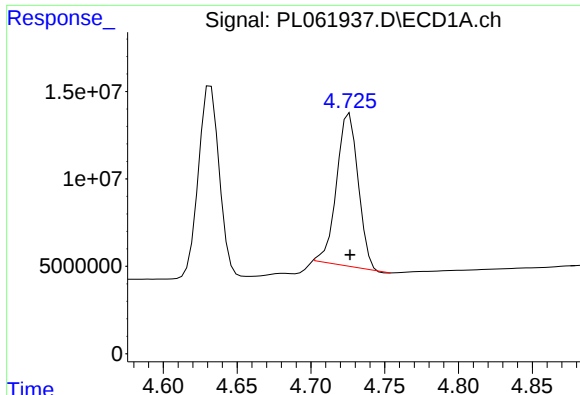
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 108881117  
Conc: 53.36 ng/ml



#4 Heptachlor

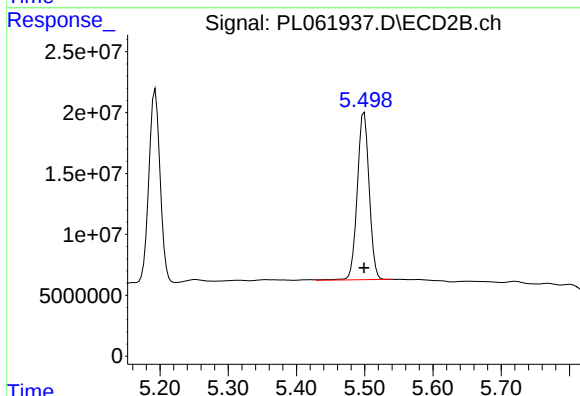
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 180327739  
Conc: 52.07 ng/ml



#5 Aldrin

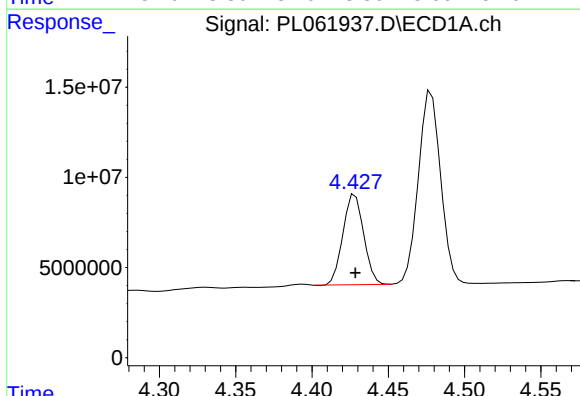
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 88947154  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



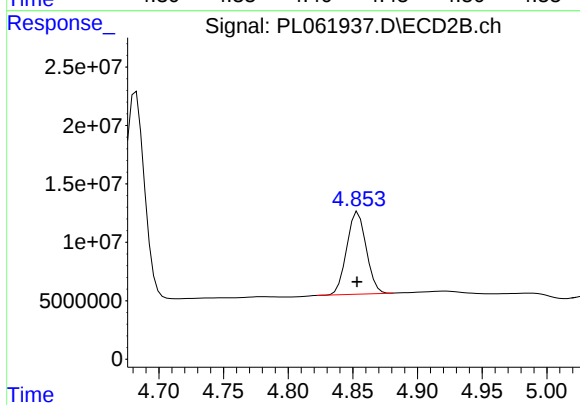
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 166058563  
Conc: 51.26 ng/ml



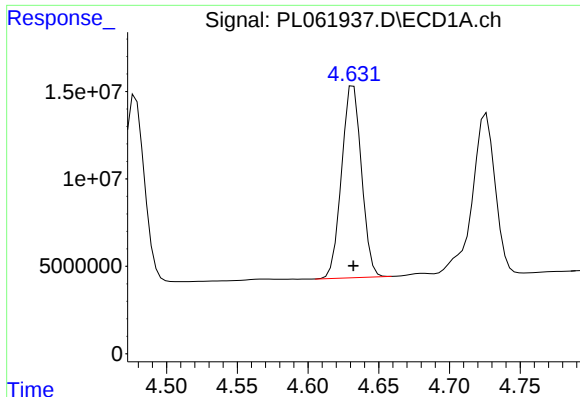
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: 0.000 min  
Response: 47383957  
Conc: 51.88 ng/ml



#6 beta-BHC

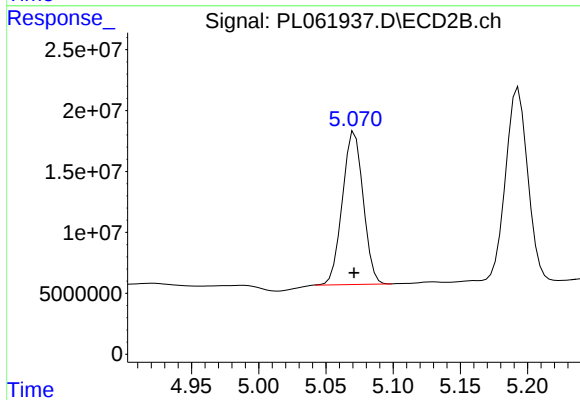
R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 73684911  
Conc: 48.80 ng/ml



#7 delta-BHC

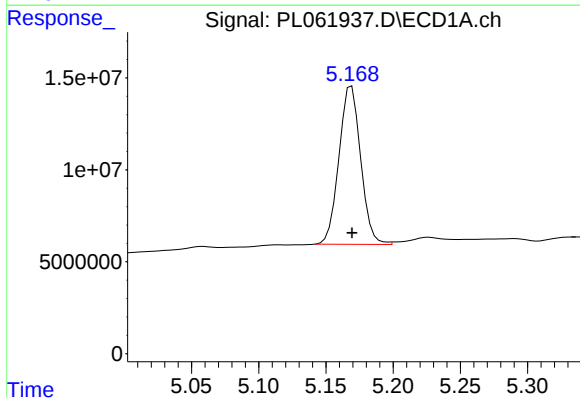
R.T.: 4.632 min  
Delta R.T.: 0.000 min  
Response: 107747944  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



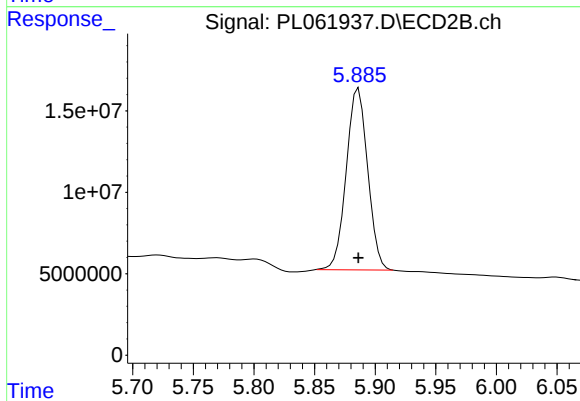
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 134638930  
Conc: 52.84 ng/ml



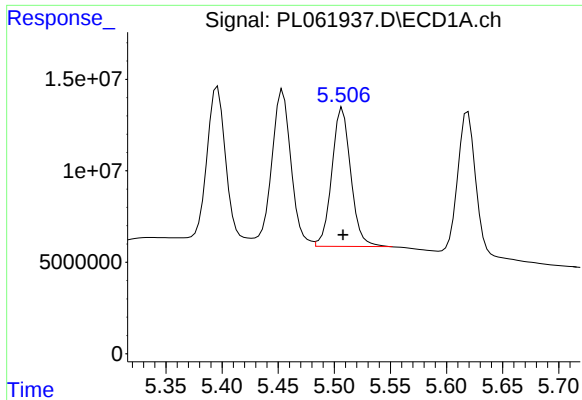
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 96336667  
Conc: 55.18 ng/ml



#8 Heptachlor epoxide

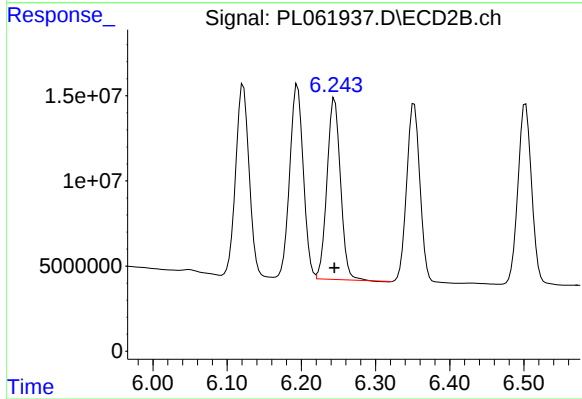
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 136988920  
Conc: 55.27 ng/ml



#9 Endosulfan I

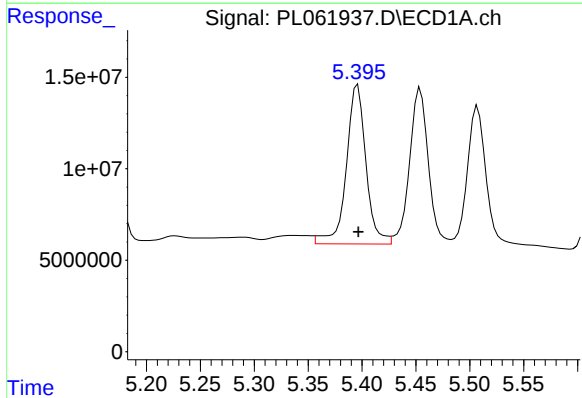
R.T.: 5.507 min  
Delta R.T.: 0.000 min  
Response: 89146195  
Conc: 55.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



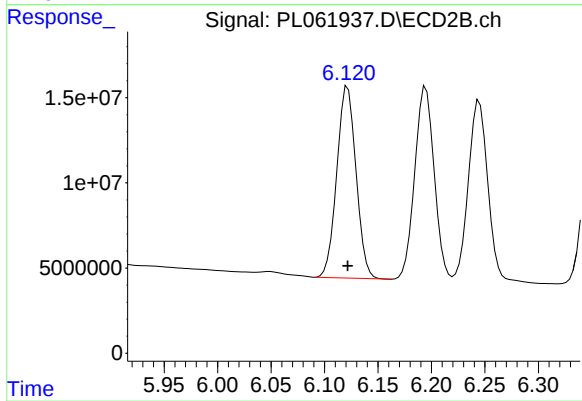
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 134040558  
Conc: 48.52 ng/ml



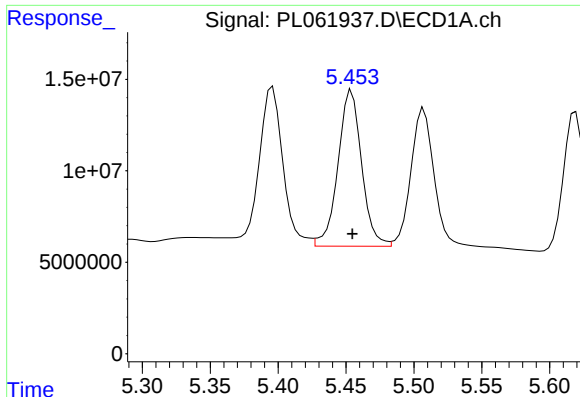
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 110793408  
Conc: 63.80 ng/ml



#10 gamma-Chlordane

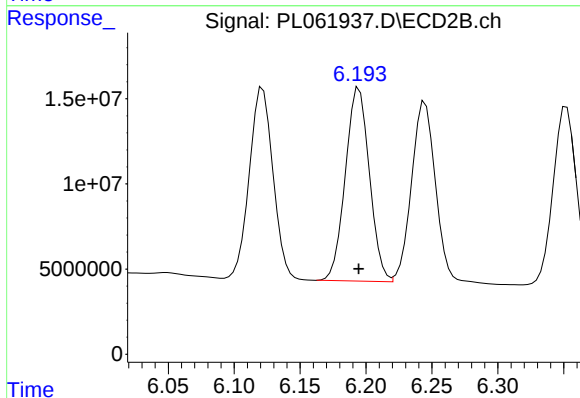
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 141089222  
Conc: 48.04 ng/ml



#11 alpha-Chlordane

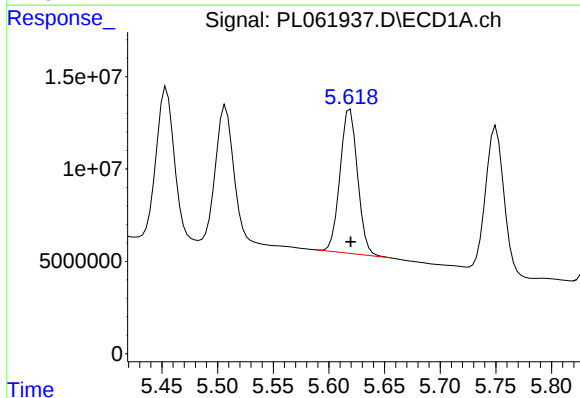
R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 103513677  
Conc: 59.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



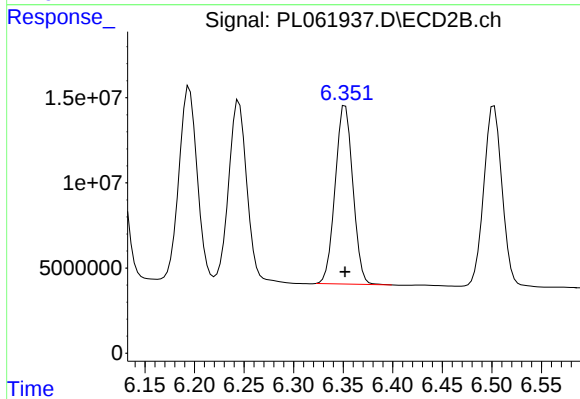
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 144241271  
Conc: 48.02 ng/ml



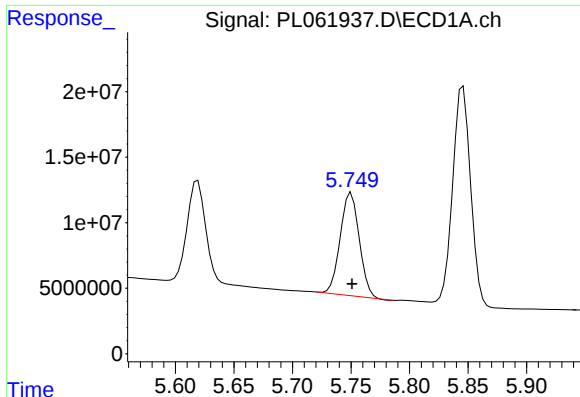
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 85237564  
Conc: 54.23 ng/ml



#12 4,4'-DDE

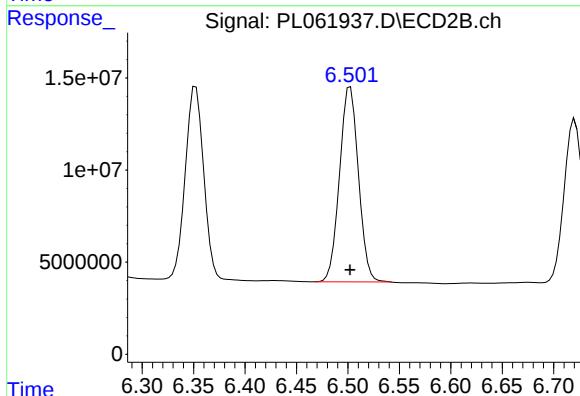
R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 130268320  
Conc: 47.72 ng/ml



#13 Dieldrin

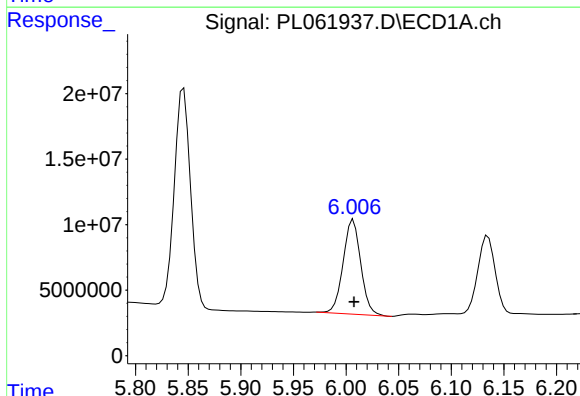
R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 89005163  
Conc: 52.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



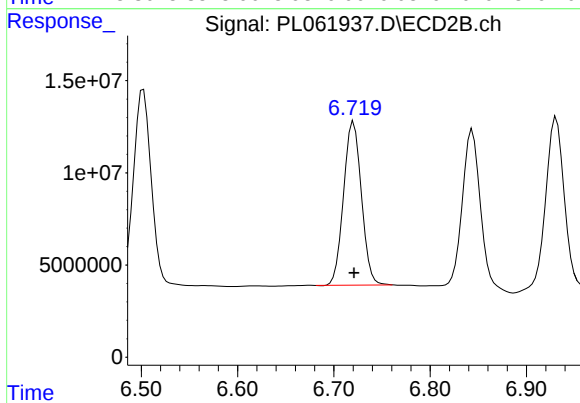
#13 Dieldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 135383525  
Conc: 47.72 ng/ml



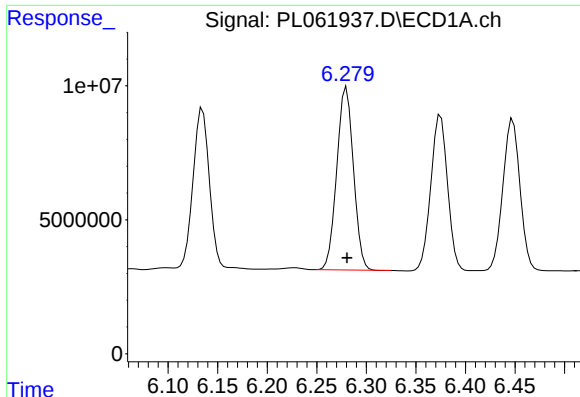
#14 Endrin

R.T.: 6.007 min  
Delta R.T.: 0.000 min  
Response: 84620838  
Conc: 53.18 ng/ml



#14 Endrin

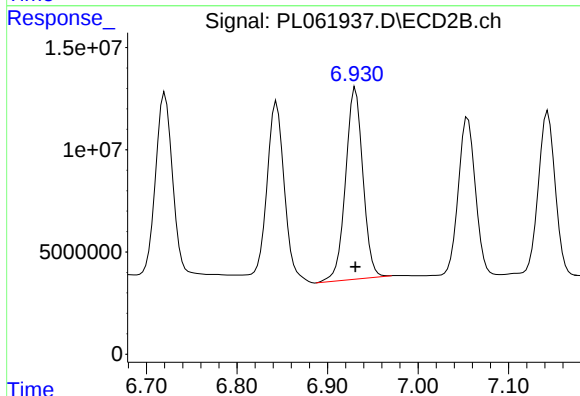
R.T.: 6.721 min  
Delta R.T.: 0.000 min  
Response: 113820811  
Conc: 46.66 ng/ml



#15 Endosulfan II

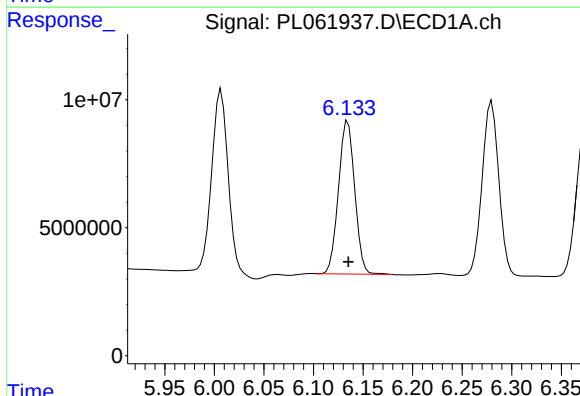
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 79832990  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



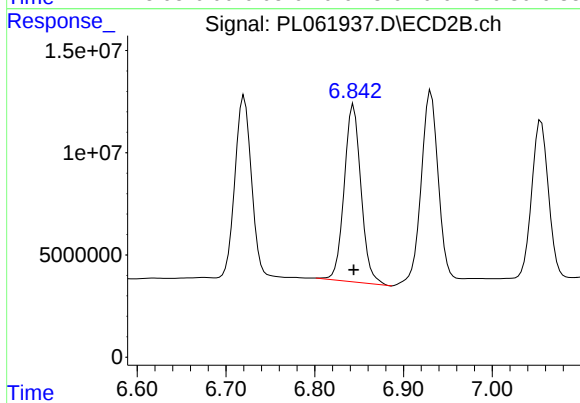
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 124621085  
Conc: 48.21 ng/ml



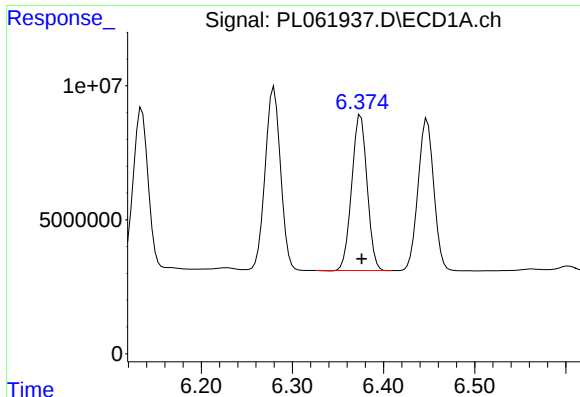
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 68105774  
Conc: 51.44 ng/ml



#16 4,4'-DDD

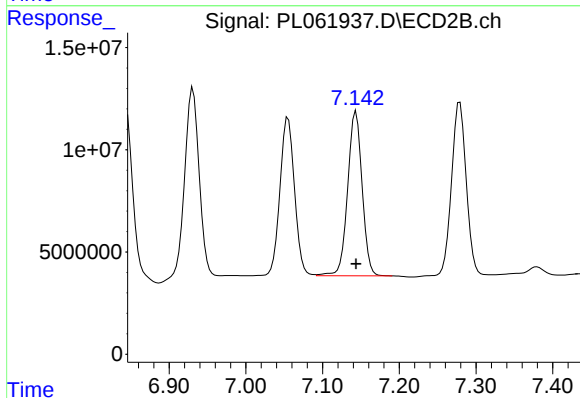
R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 114426236  
Conc: 51.47 ng/ml



#17 4,4'-DDT

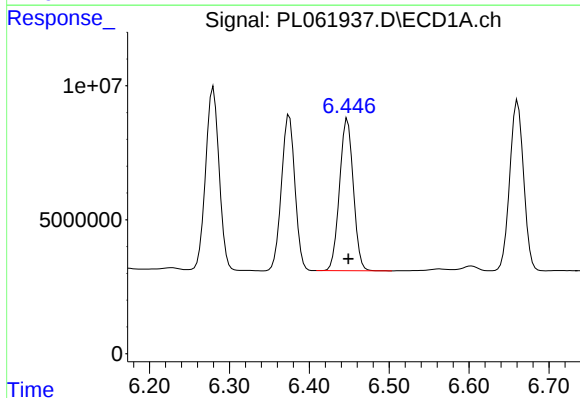
R.T.: 6.375 min  
Delta R.T.: -0.001 min  
Response: 68112506  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



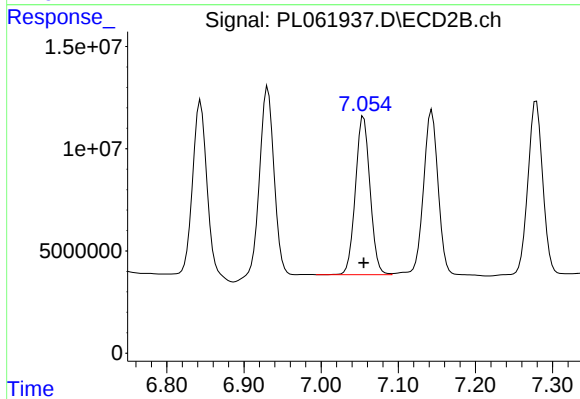
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 106151606  
Conc: 48.48 ng/ml



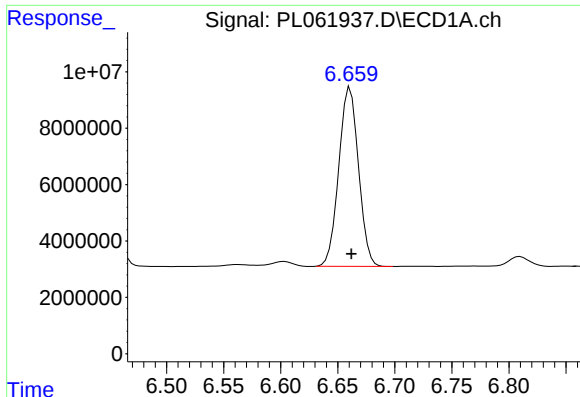
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.001 min  
Response: 68163175  
Conc: 48.47 ng/ml



#18 Endrin aldehyde

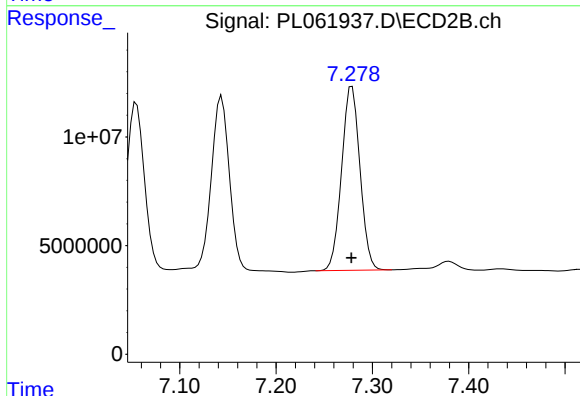
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 101981816  
Conc: 47.64 ng/ml



#19 Endosulfan Sulfate

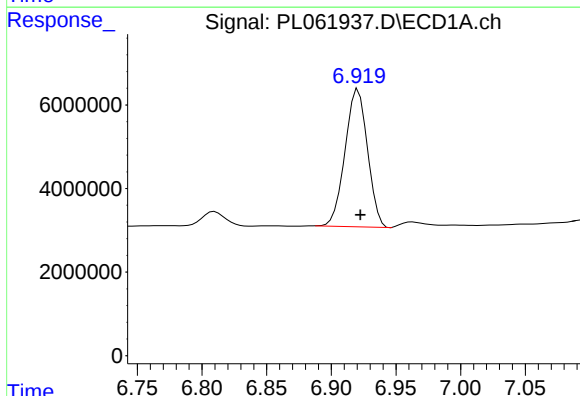
R.T.: 6.661 min  
Delta R.T.: 0.000 min  
Response: 76446542  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



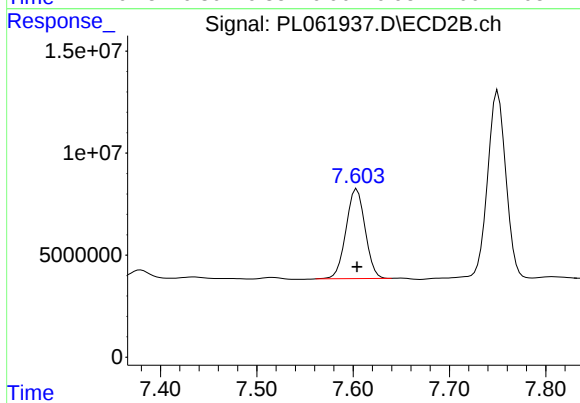
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 111998806  
Conc: 47.83 ng/ml



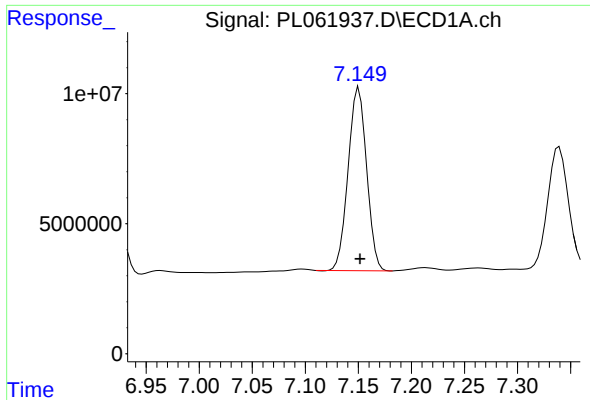
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 39716856  
Conc: 49.12 ng/ml



#20 Methoxychlor

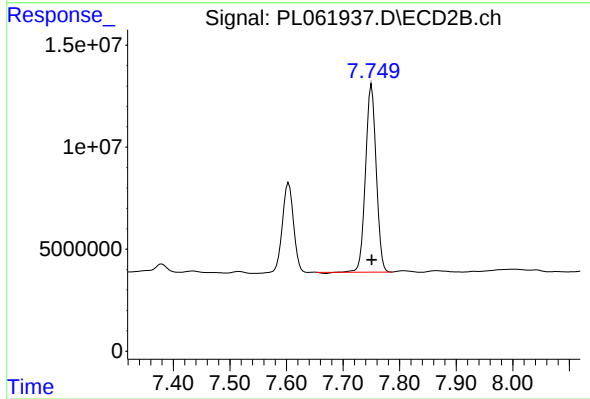
R.T.: 7.604 min  
Delta R.T.: 0.000 min  
Response: 60380893  
Conc: 47.92 ng/ml



#21 Endrin ketone

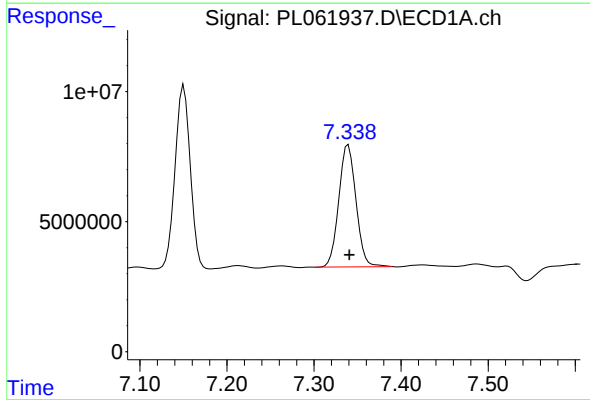
R.T.: 7.150 min  
Delta R.T.: -0.001 min  
Response: 85226169  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



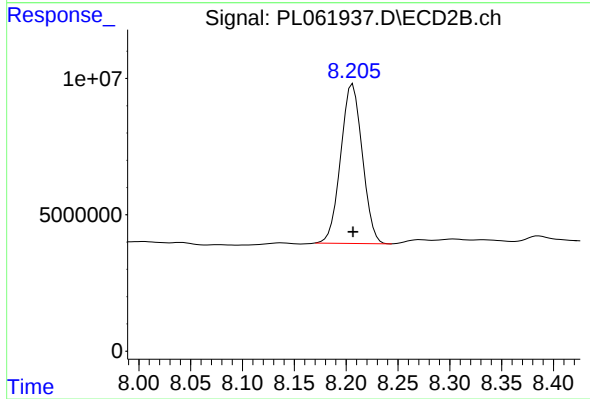
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: 0.000 min  
Response: 120257290  
Conc: 51.24 ng/ml



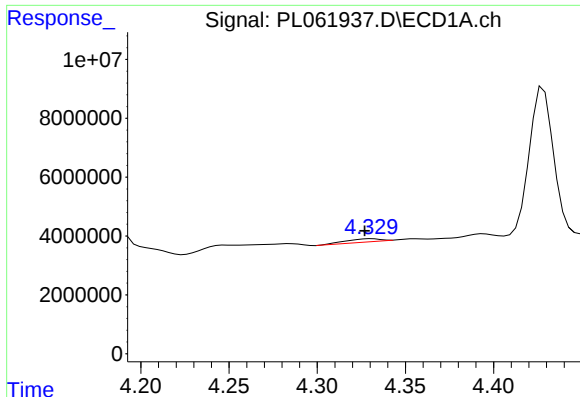
#22 Mirex

R.T.: 7.339 min  
Delta R.T.: -0.001 min  
Response: 64591855  
Conc: 46.07 ng/ml



#22 Mirex

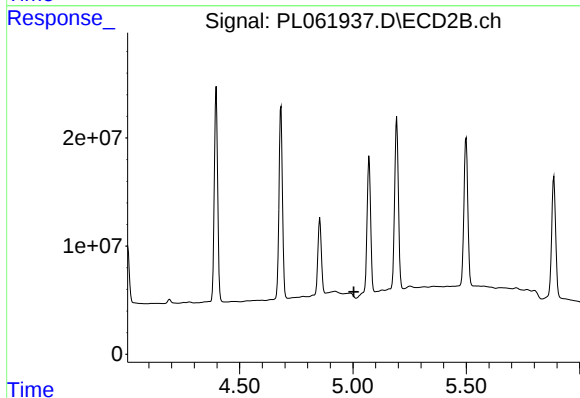
R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 84930102  
Conc: 48.20 ng/ml



#23 Chlordane-1

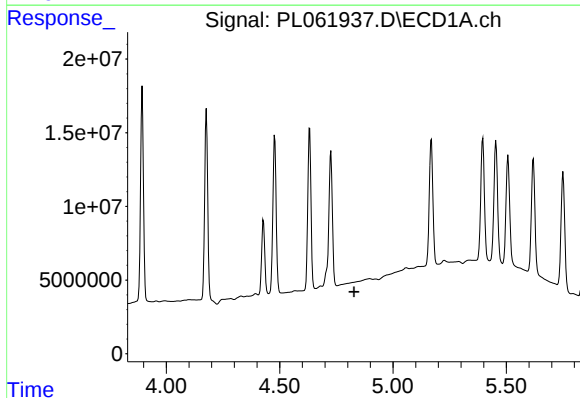
R.T.: 4.331 min  
Delta R.T.: 0.004 min  
Response: 1446785  
Conc: 29.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



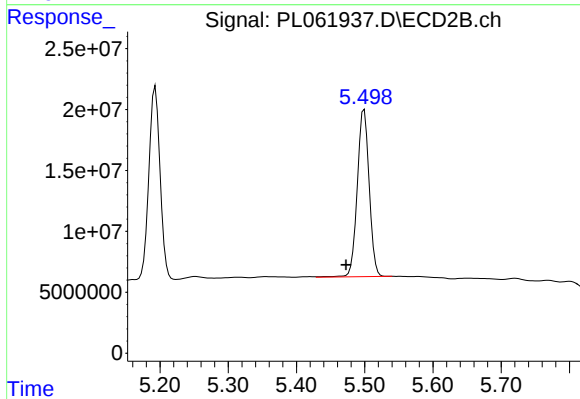
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.004 min  
Response: 0  
Conc: N.D.



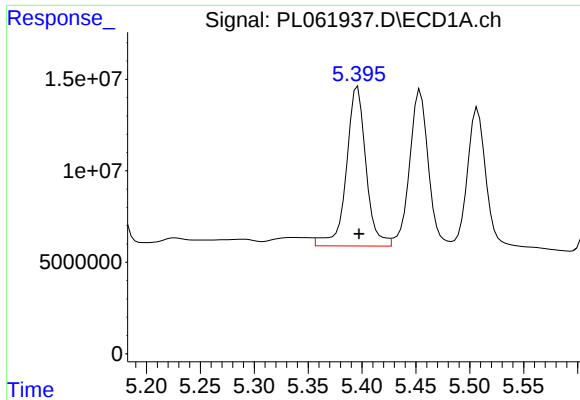
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.829 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

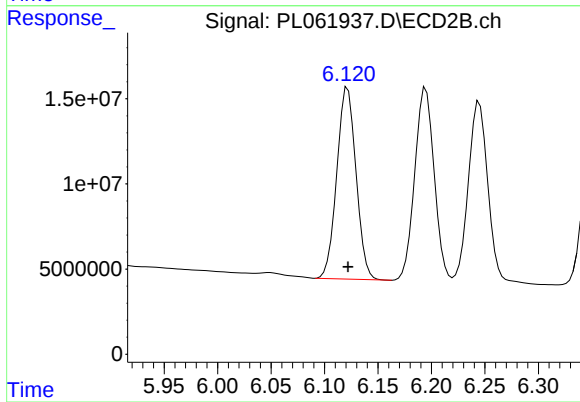
R.T.: 5.499 min  
Delta R.T.: 0.027 min  
Response: 166058563  
Conc: 1613.71 ng/ml



#25 Chlordane-3

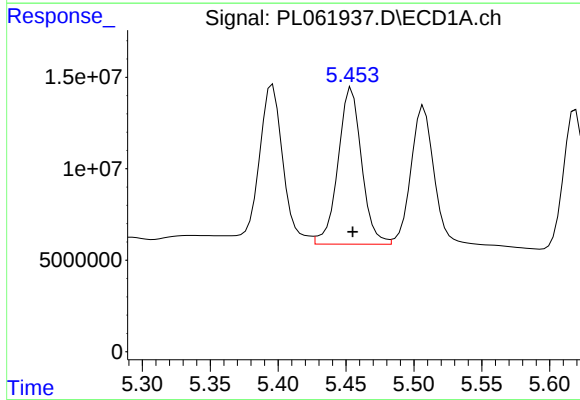
R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 110793408  
Conc: 704.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



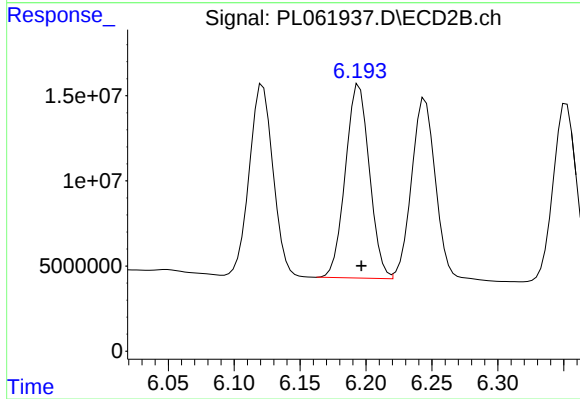
#25 Chlordane-3

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 141089222  
Conc: 385.03 ng/ml



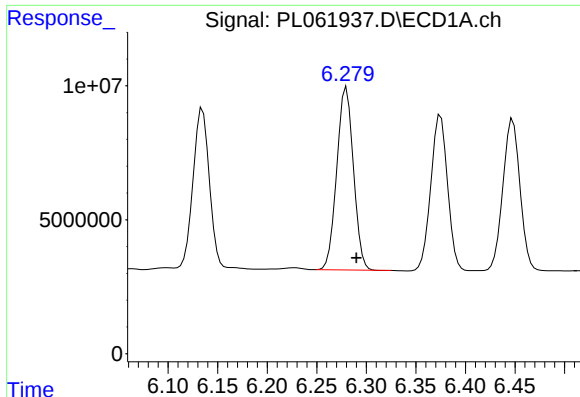
#26 Chlordane-4

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 103513677  
Conc: 793.38 ng/ml



#26 Chlordane-4

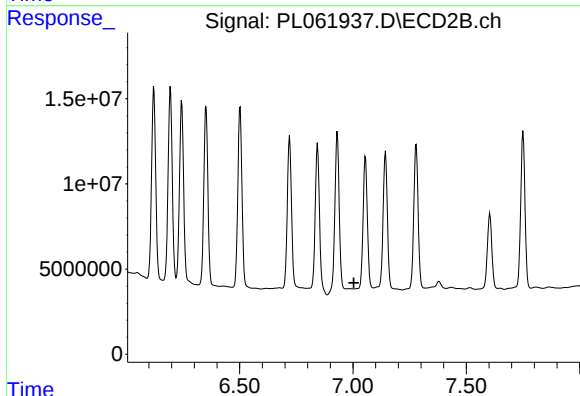
R.T.: 6.195 min  
Delta R.T.: -0.002 min  
Response: 144241271  
Conc: 321.31 ng/ml



#27 Chlordane-5

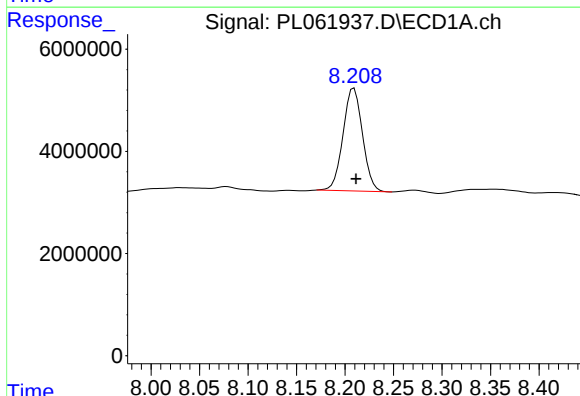
R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 79832990  
Conc: 1464.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



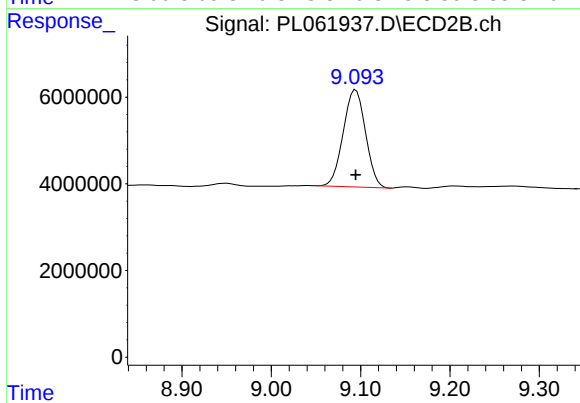
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.004 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.209 min  
Delta R.T.: -0.002 min  
Response: 28138129  
Conc: 17.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.000 min  
Response: 38946174  
Conc: 17.69 ng/ml