

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030420\  
 Data File : PL057034.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Mar 2020 14:41  
 Operator : AJ\MA  
 Sample : L1762-04MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 15:45:23 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 04 03:55:01 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... | 3.460 | 3.958  | 169.3E6 | 44324458 | 19.865   | 20.775     |
| 28)                         | SA Decachlor... | 8.213 | 8.985  | 172.9E6 | 38741175 | 17.889   | 18.233     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.898 | 4.345  | 689.0E6 | 157.9E6  | 46.489   | 49.984     |
| 3)                          | MA gamma-BHC... | 4.181 | 4.628  | 632.3E6 | 145.4E6  | 46.015   | 46.776     |
| 4)                          | MA Heptachlor   | 4.482 | 5.131  | 634.9E6 | 173.2E6  | 46.735   | 55.663     |
| 5)                          | MB Aldrin       | 4.730 | 5.433  | 592.8E6 | 174.0E6  | 45.907   | 58.213 #   |
| 6)                          | B beta-BHC      | 4.433 | 4.801  | 256.4E6 | 72359971 | 48.411   | 51.342     |
| 7)                          | B delta-BHC     | 4.637 | 5.015  | 604.5E6 | 107.4E6  | 46.334   | 44.111     |
| 8)                          | B Heptachlo...  | 5.173 | 5.817  | 551.4E6 | 125.4E6  | 45.568   | 45.259     |
| 9)                          | A Endosulfan I  | 5.511 | 6.172  | 540.3E6 | 135.1E6  | 47.659   | 48.350     |
| 10)                         | B gamma-Chl...  | 5.400 | 6.051  | 584.2E6 | 147.1E6  | 47.033   | 49.143     |
| 11)                         | B alpha-Chl...  | 5.458 | 6.123  | 561.1E6 | 148.5E6  | 45.666   | 49.268     |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.281  | 550.2E6 | 132.2E6  | 46.950   | 46.567     |
| 13)                         | MA Dieldrin     | 5.755 | 6.428  | 576.3E6 | 142.1E6  | 47.135   | 48.295     |
| 14)                         | MA Endrin       | 6.012 | 6.645  | 498.0E6 | 126.2E6  | 45.771   | 48.930     |
| 15)                         | B Endosulfa...  | 6.285 | 6.854  | 467.3E6 | 124.9E6  | 43.269   | 44.513     |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.771  | 432.3E6 | 123.8E6  | 44.652   | 50.822     |
| 17)                         | MA 4,4'-DDT     | 6.379 | 7.068  | 435.2E6 | 119.5E6  | 44.478   | 48.572     |
| 18)                         | B Endrin al...  | 6.454 | 6.979  | 389.5E6 | 136.4E6  | 43.536   | 58.873 #   |
| 19)                         | B Endosulfa...  | 6.667 | 7.201  | 444.2E6 | 118.9E6  | 44.481   | 47.404     |
| 20)                         | A Methoxychlor  | 6.925 | 7.527  | 220.4E6 | 59264402 | 44.206   | 47.438     |
| 21)                         | B Endrin ke...  | 7.158 | 7.669  | 471.2E6 | 129.9E6  | 41.726   | 47.384     |
| 22)                         | Mirex           | 7.346 | 8.120  | 344.5E6 | 91318153 | 42.508   | 47.632     |
| 24)                         | Chlordane-2     | 0.000 | 5.433f | 0       | 174.0E6  | N.D.     | 1822.973 # |
| 25)                         | Chlordane-3     | 5.400 | 6.051  | 584.2E6 | 147.1E6  | 541.597  | 388.175 #  |
| 26)                         | Chlordane-4     | 5.458 | 6.123  | 561.1E6 | 148.5E6  | 610.520  | 323.889 #  |
| 27)                         | Chlordane-5     | 6.285 | 0.000  | 467.3E6 | 0        | 1286.493 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

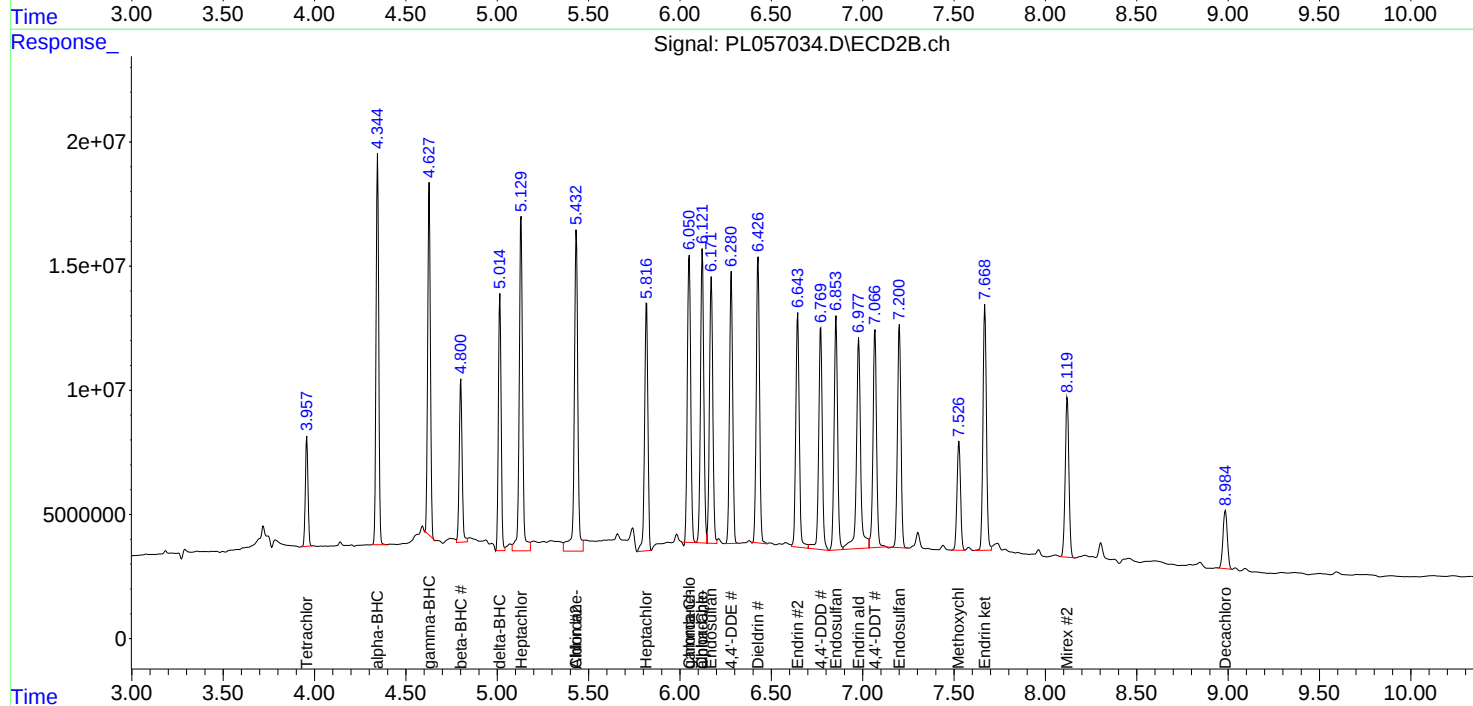
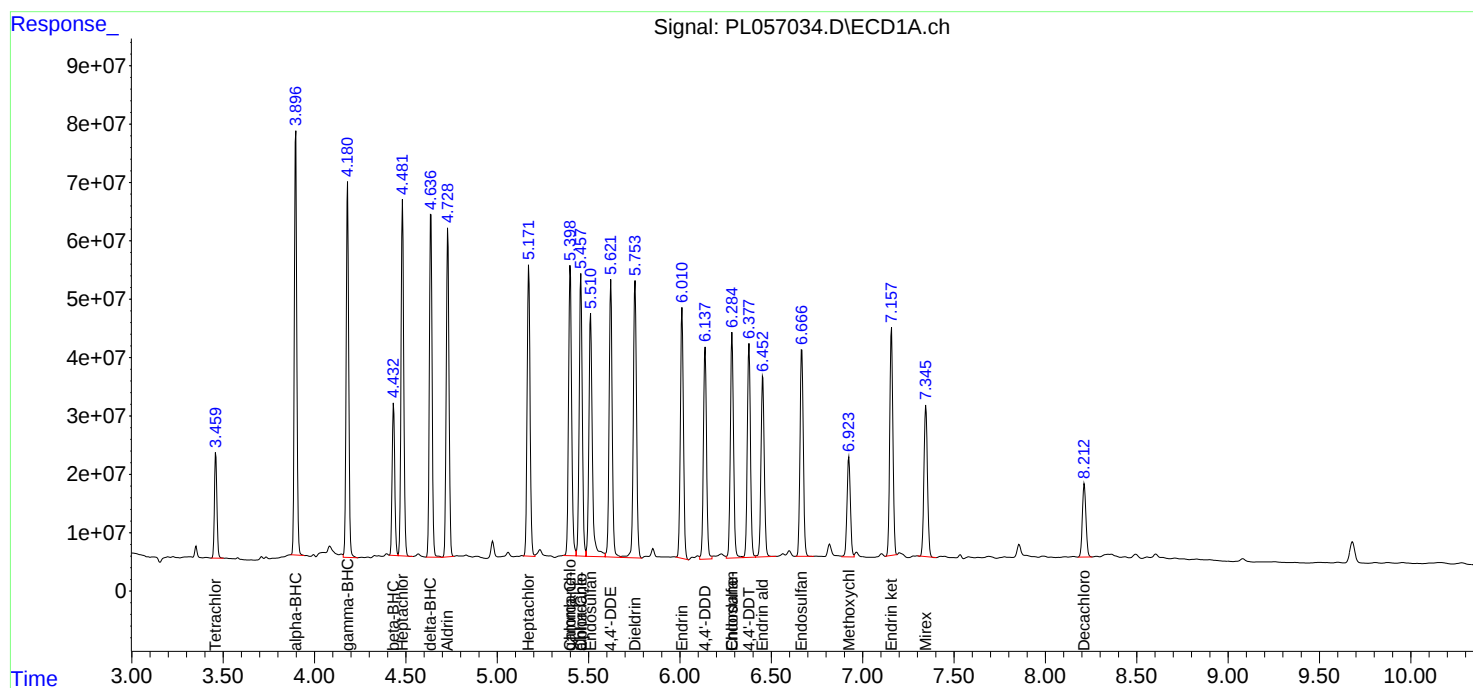
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

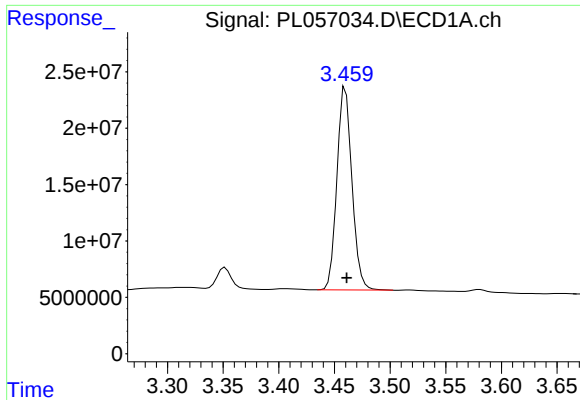
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030420\  
Data File : PL057034.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Mar 2020 14:41  
Operator : AJ\MA  
Sample : L1762-04MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 15:45:23 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 04 03:55:01 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

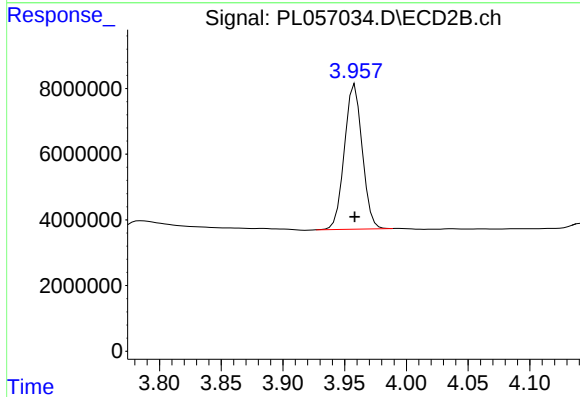




#1 Tetrachloro-m-xylene

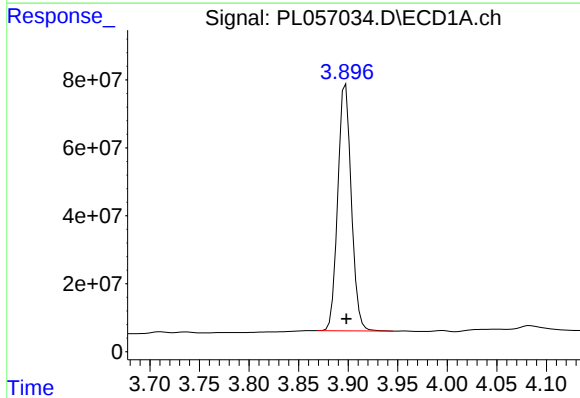
R.T.: 3.460 min  
Delta R.T.: 0.000 min  
Response: 169294419  
Conc: 19.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



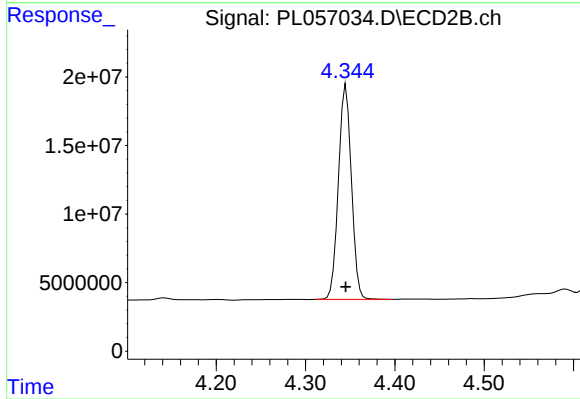
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 44324458  
Conc: 20.78 ng/ml



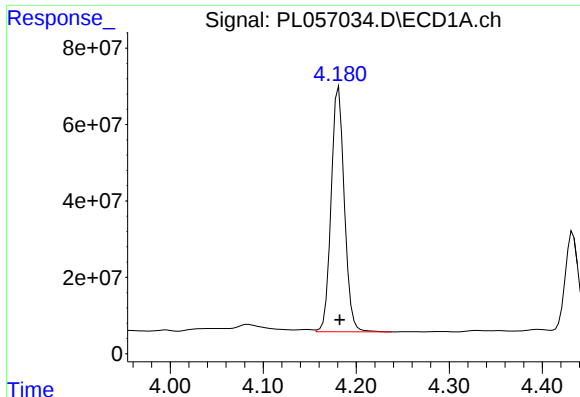
#2 alpha-BHC

R.T.: 3.898 min  
Delta R.T.: 0.000 min  
Response: 688954490  
Conc: 46.49 ng/ml



#2 alpha-BHC

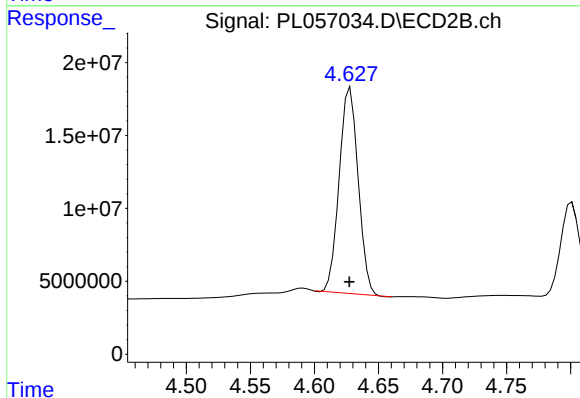
R.T.: 4.345 min  
Delta R.T.: 0.000 min  
Response: 157898511  
Conc: 49.98 ng/ml



#3 gamma-BHC (Lindane)

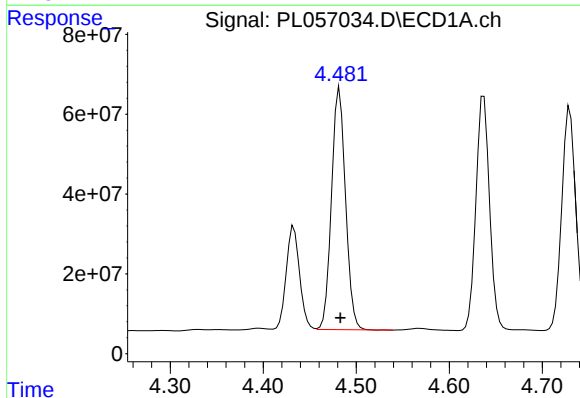
R.T.: 4.181 min  
Delta R.T.: 0.000 min  
Response: 632275287  
Conc: 46.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



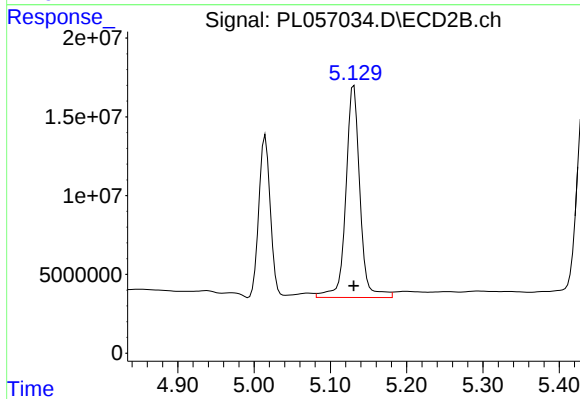
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: 0.000 min  
Response: 145412964  
Conc: 46.78 ng/ml



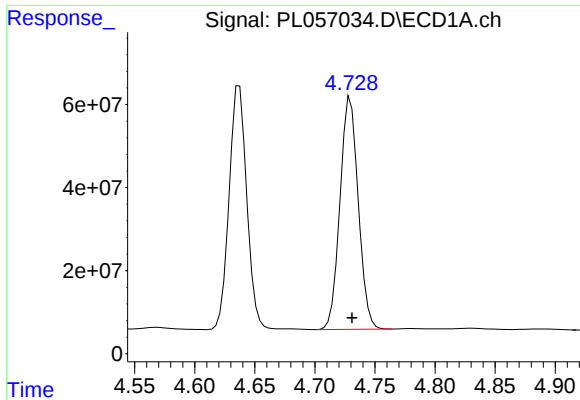
#4 Heptachlor

R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 634853215  
Conc: 46.74 ng/ml



#4 Heptachlor

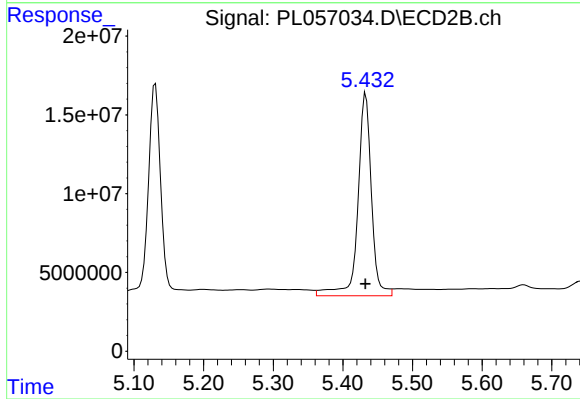
R.T.: 5.131 min  
Delta R.T.: 0.000 min  
Response: 173245340  
Conc: 55.66 ng/ml



#5 Aldrin

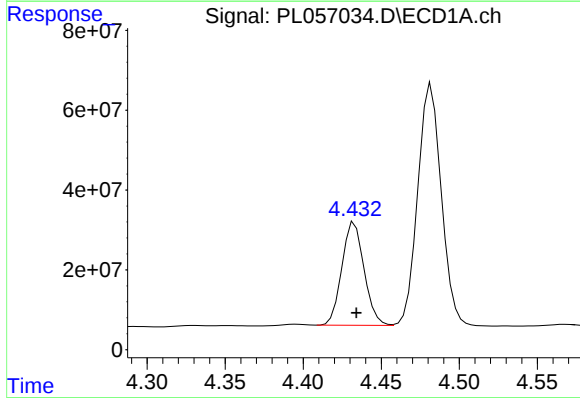
R.T.: 4.730 min  
Delta R.T.: -0.001 min  
Response: 592785623  
Conc: 45.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



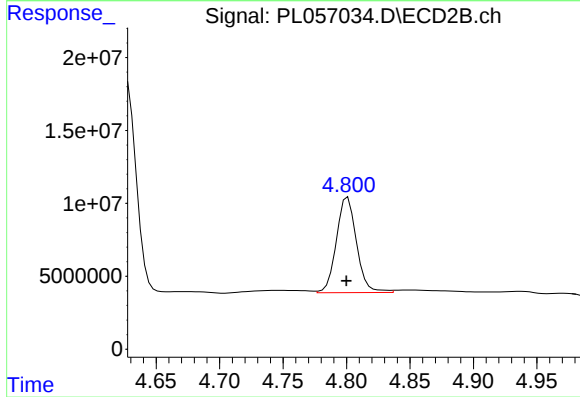
#5 Aldrin

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 174010501  
Conc: 58.21 ng/ml



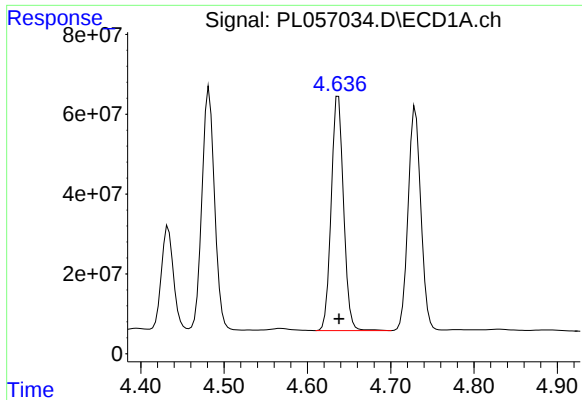
#6 beta-BHC

R.T.: 4.433 min  
Delta R.T.: -0.001 min  
Response: 256444848  
Conc: 48.41 ng/ml



#6 beta-BHC

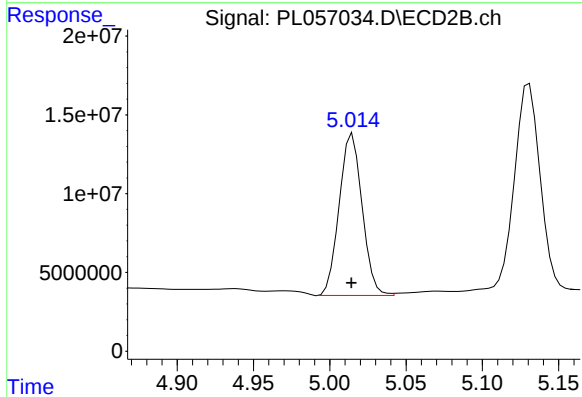
R.T.: 4.801 min  
Delta R.T.: 0.001 min  
Response: 72359971  
Conc: 51.34 ng/ml



#7 delta-BHC

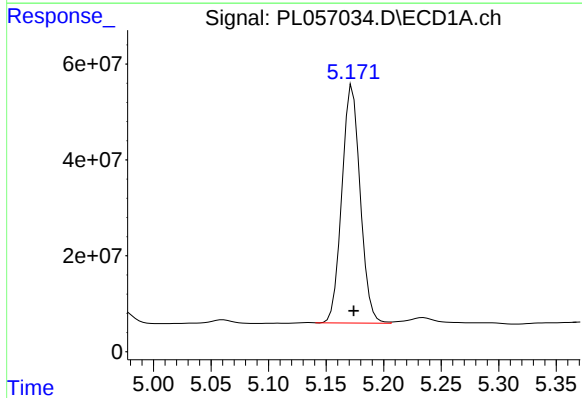
R.T.: 4.637 min  
Delta R.T.: 0.000 min  
Response: 604482571  
Conc: 46.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



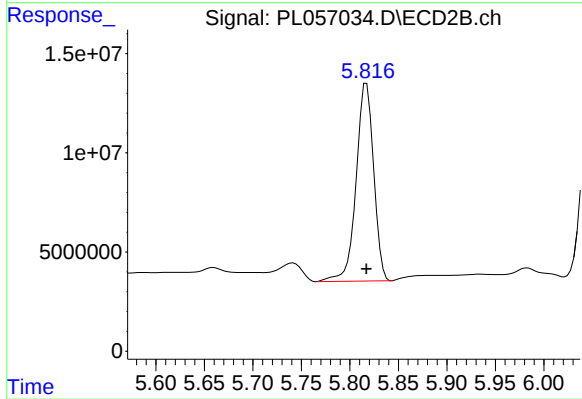
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 107401177  
Conc: 44.11 ng/ml



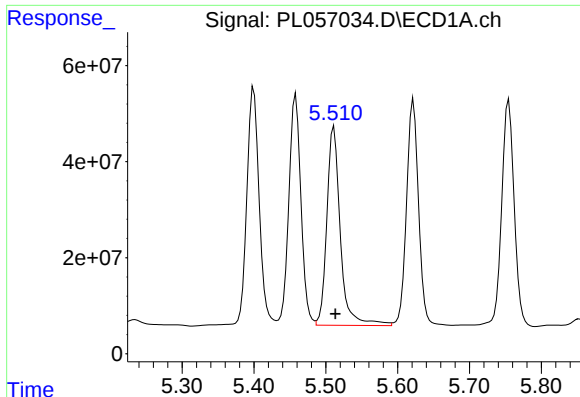
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: -0.001 min  
Response: 551379400  
Conc: 45.57 ng/ml



#8 Heptachlor epoxide

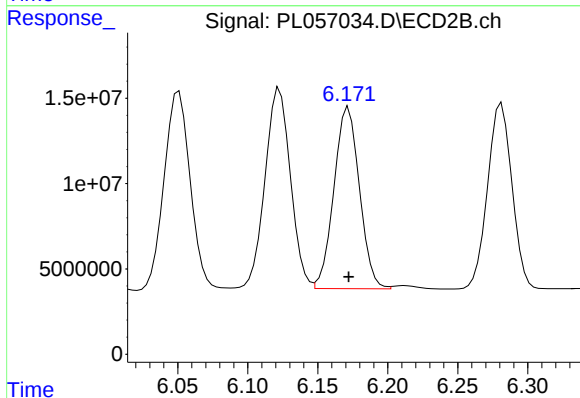
R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 125415830  
Conc: 45.26 ng/ml



#9 Endosulfan I

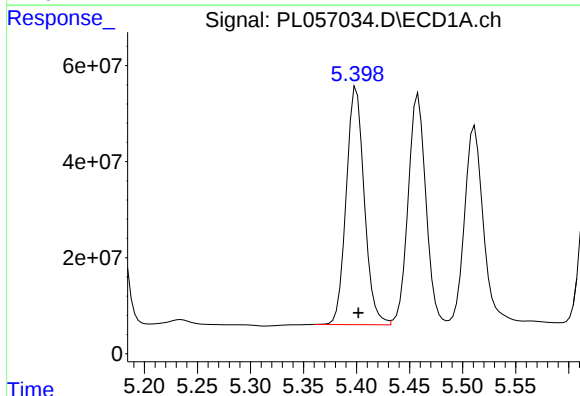
R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 540271224  
Conc: 47.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



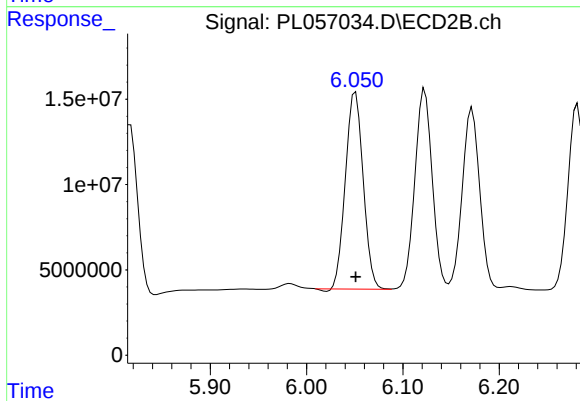
#9 Endosulfan I

R.T.: 6.172 min  
Delta R.T.: 0.000 min  
Response: 135060551  
Conc: 48.35 ng/ml



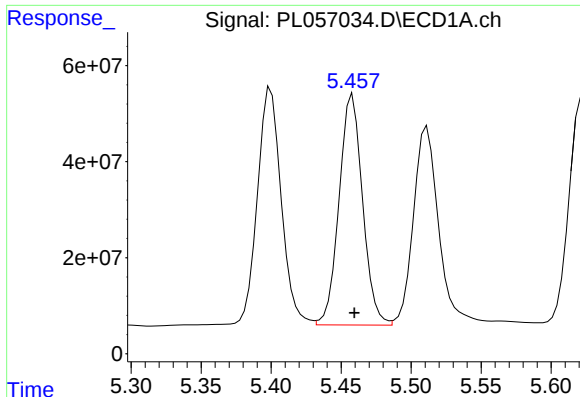
#10 gamma-Chlordane

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 584183887  
Conc: 47.03 ng/ml



#10 gamma-Chlordane

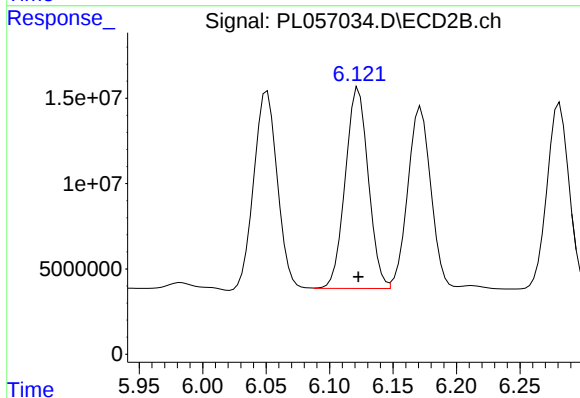
R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 147113813  
Conc: 49.14 ng/ml



#11 alpha-Chlordane

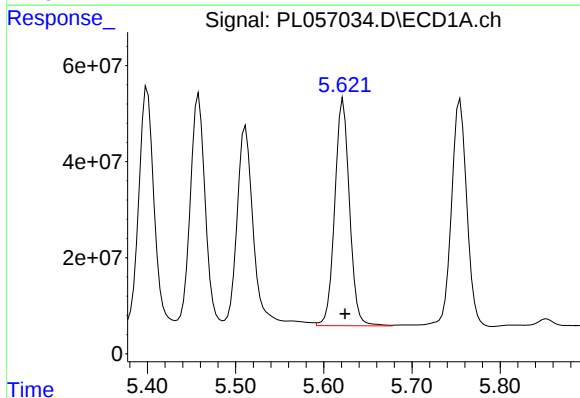
R.T.: 5.458 min  
Delta R.T.: -0.001 min  
Response: 561064139  
Conc: 45.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



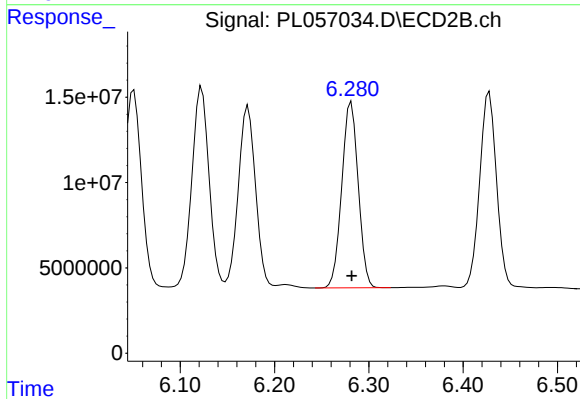
#11 alpha-Chlordane

R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 148514673  
Conc: 49.27 ng/ml



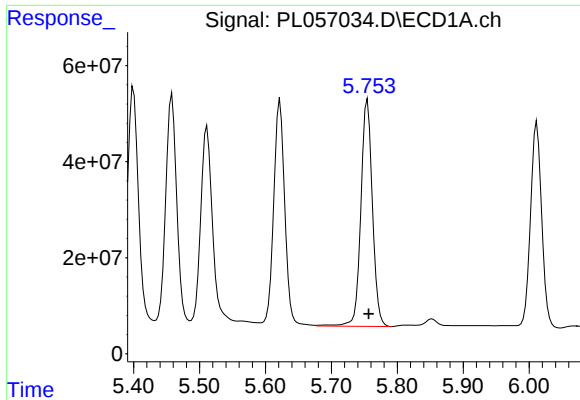
#12 4,4'-DDE

R.T.: 5.622 min  
Delta R.T.: -0.002 min  
Response: 550156032  
Conc: 46.95 ng/ml



#12 4,4'-DDE

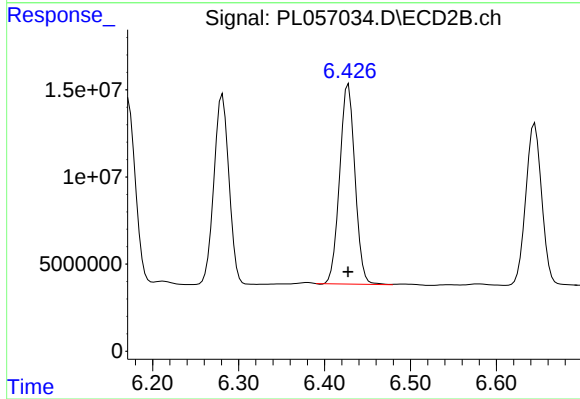
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 132152575  
Conc: 46.57 ng/ml



#13 Dieldrin

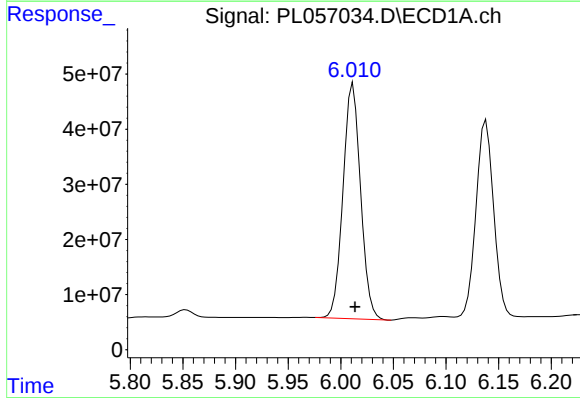
R.T.: 5.755 min  
Delta R.T.: -0.002 min  
Response: 576303480  
Conc: 47.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



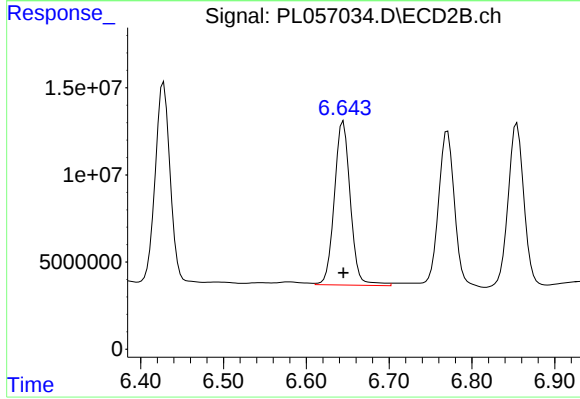
#13 Dieldrin

R.T.: 6.428 min  
Delta R.T.: 0.000 min  
Response: 142144402  
Conc: 48.30 ng/ml



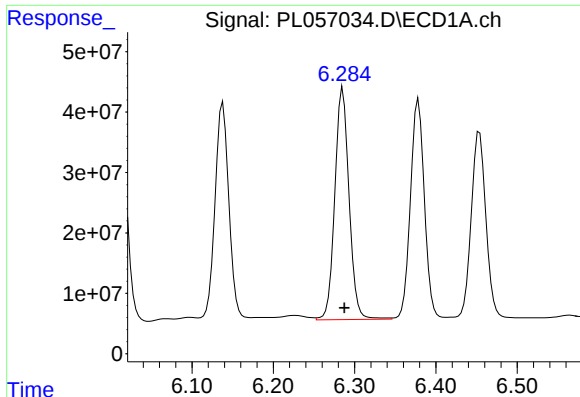
#14 Endrin

R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 497960467  
Conc: 45.77 ng/ml



#14 Endrin

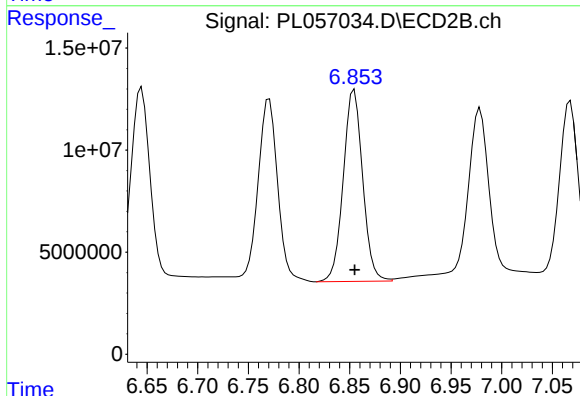
R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 126178886  
Conc: 48.93 ng/ml



#15 Endosulfan II

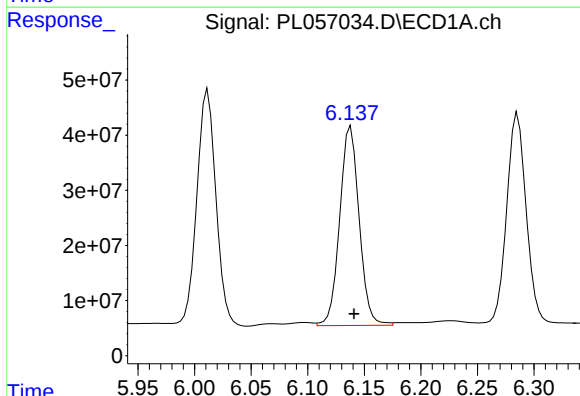
R.T.: 6.285 min  
Delta R.T.: -0.002 min  
Response: 467285868  
Conc: 43.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



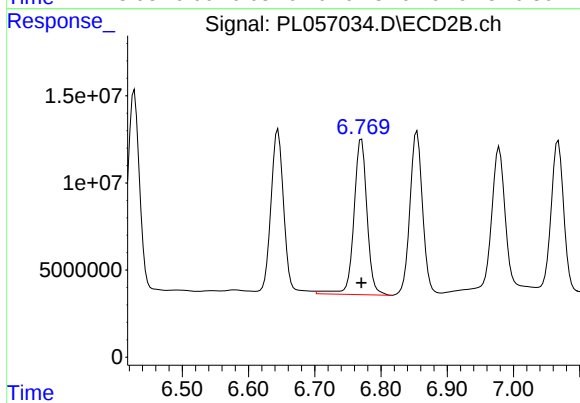
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 124906429  
Conc: 44.51 ng/ml



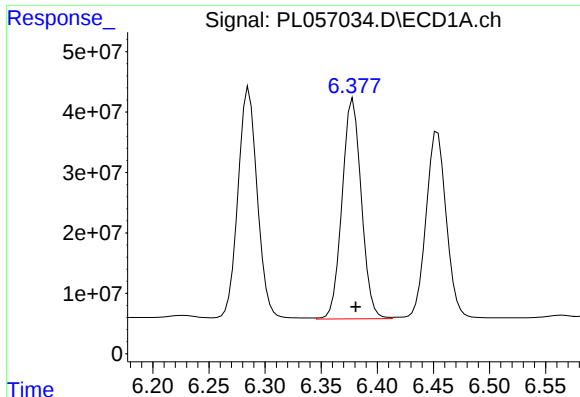
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: -0.003 min  
Response: 432258801  
Conc: 44.65 ng/ml



#16 4,4'-DDD

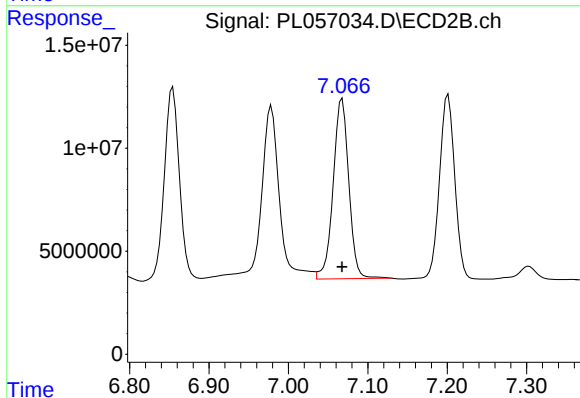
R.T.: 6.771 min  
Delta R.T.: 0.000 min  
Response: 123803186  
Conc: 50.82 ng/ml



#17 4,4'-DDT

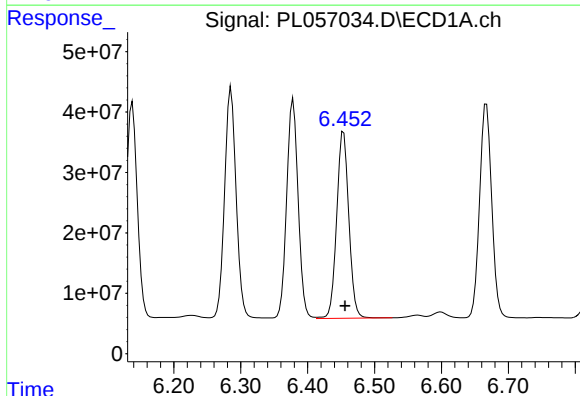
R.T.: 6.379 min  
Delta R.T.: -0.002 min  
Response: 435227115  
Conc: 44.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



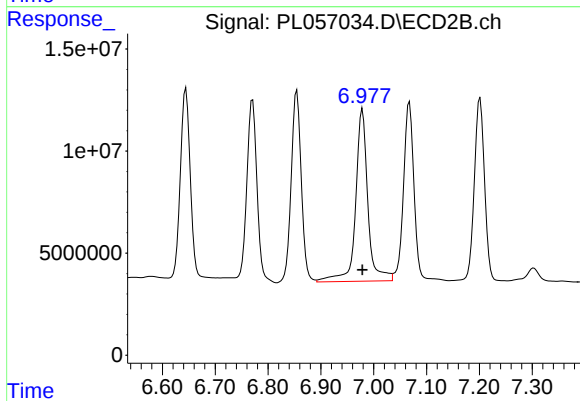
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 119485136  
Conc: 48.57 ng/ml



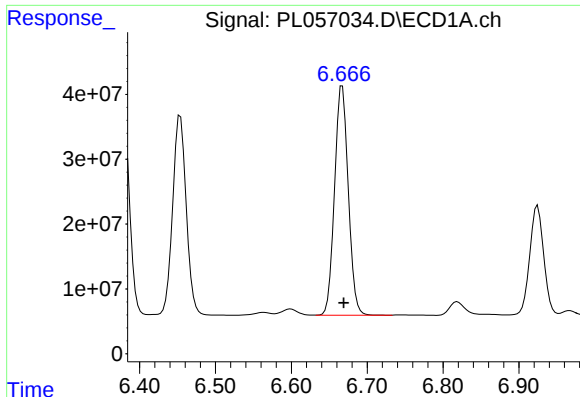
#18 Endrin aldehyde

R.T.: 6.454 min  
Delta R.T.: -0.002 min  
Response: 389482687  
Conc: 43.54 ng/ml



#18 Endrin aldehyde

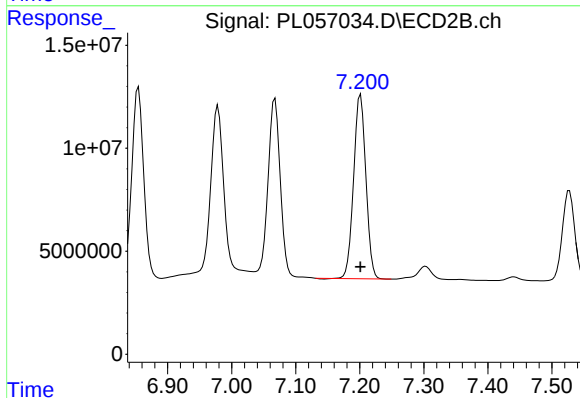
R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 136425233  
Conc: 58.87 ng/ml



#19 Endosulfan Sulfate

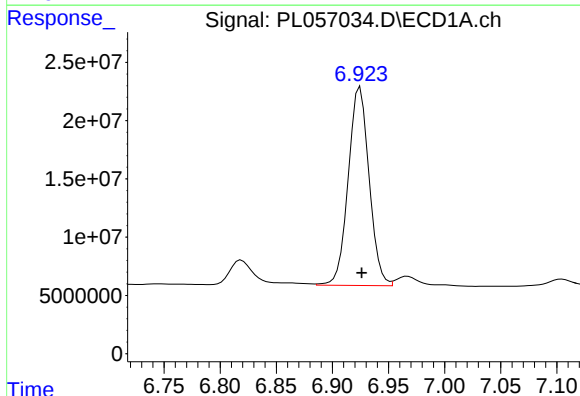
R.T.: 6.667 min  
Delta R.T.: -0.002 min  
Response: 444236858  
Conc: 44.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



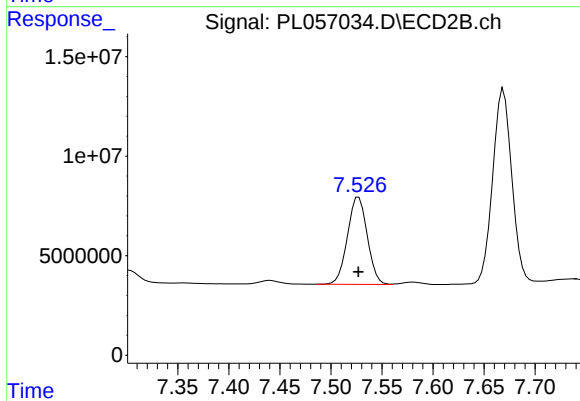
#19 Endosulfan Sulfate

R.T.: 7.201 min  
Delta R.T.: 0.000 min  
Response: 118884536  
Conc: 47.40 ng/ml



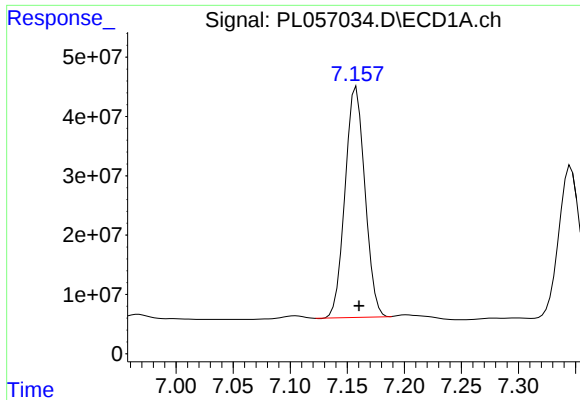
#20 Methoxychlor

R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 220416833  
Conc: 44.21 ng/ml



#20 Methoxychlor

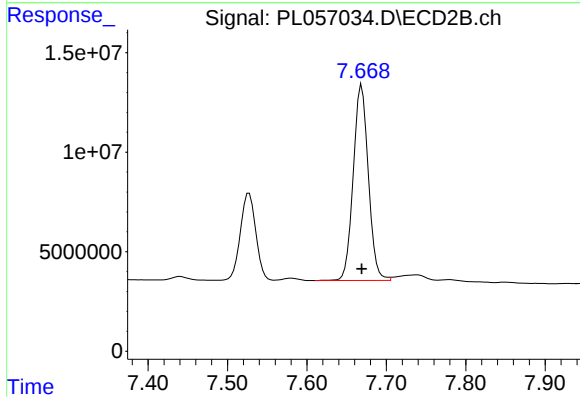
R.T.: 7.527 min  
Delta R.T.: 0.000 min  
Response: 59264402  
Conc: 47.44 ng/ml



#21 Endrin ketone

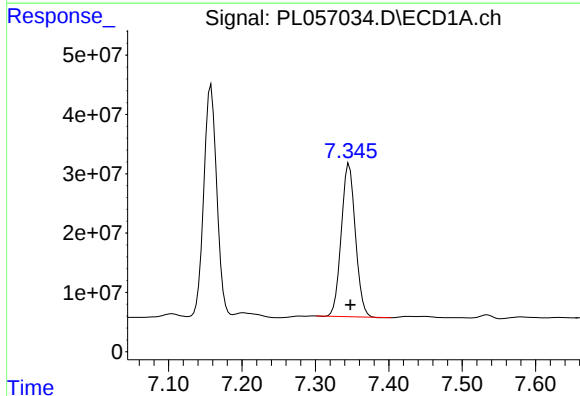
R.T.: 7.158 min  
Delta R.T.: -0.002 min  
Response: 471193385  
Conc: 41.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



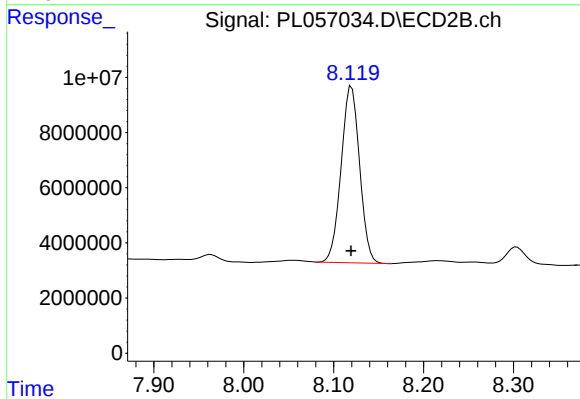
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 129853027  
Conc: 47.38 ng/ml



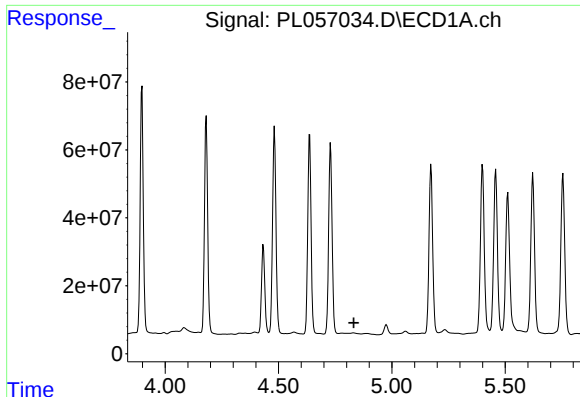
#22 Mirex

R.T.: 7.346 min  
Delta R.T.: -0.002 min  
Response: 344460310  
Conc: 42.51 ng/ml



#22 Mirex

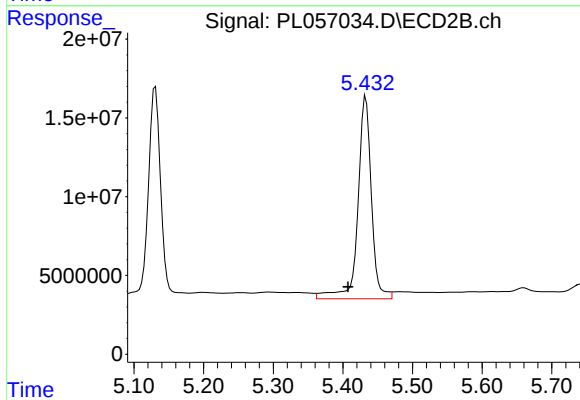
R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 91318153  
Conc: 47.63 ng/ml



#24 Chlordane-2

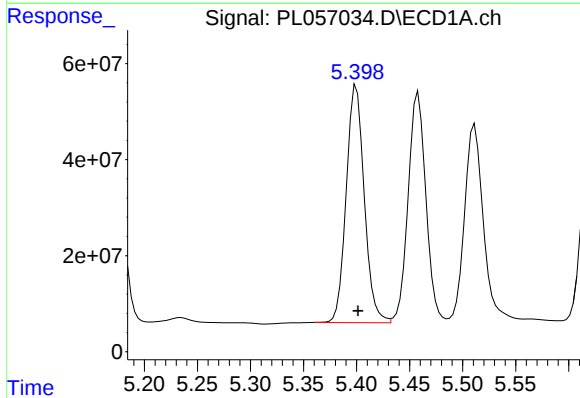
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



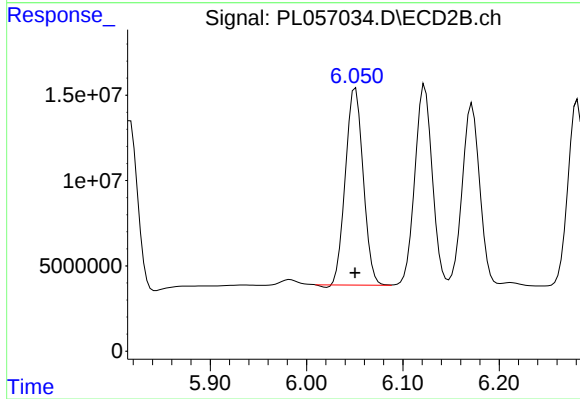
#24 Chlordane-2

R.T.: 5.433 min  
Delta R.T.: 0.026 min  
Response: 174010501  
Conc: 1822.97 ng/ml



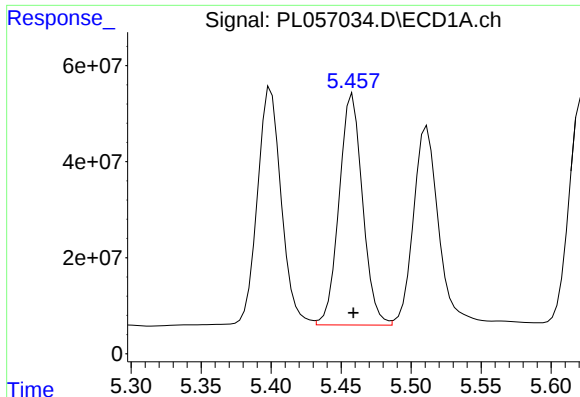
#25 Chlordane-3

R.T.: 5.400 min  
Delta R.T.: -0.002 min  
Response: 584183887  
Conc: 541.60 ng/ml



#25 Chlordane-3

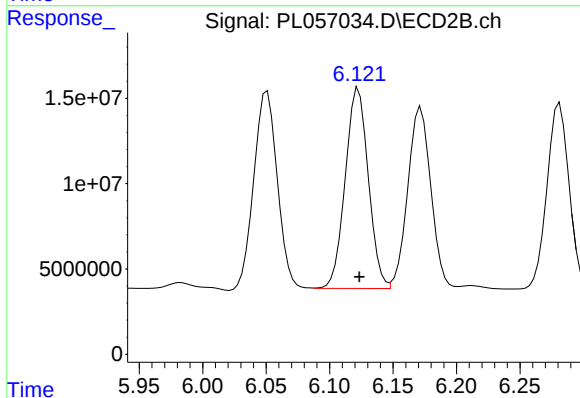
R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 147113813  
Conc: 388.17 ng/ml



#26 Chlordane-4

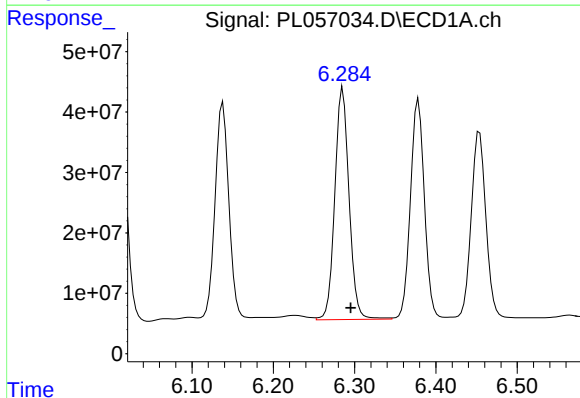
R.T.: 5.458 min  
Delta R.T.: 0.000 min  
Response: 561064139  
Conc: 610.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



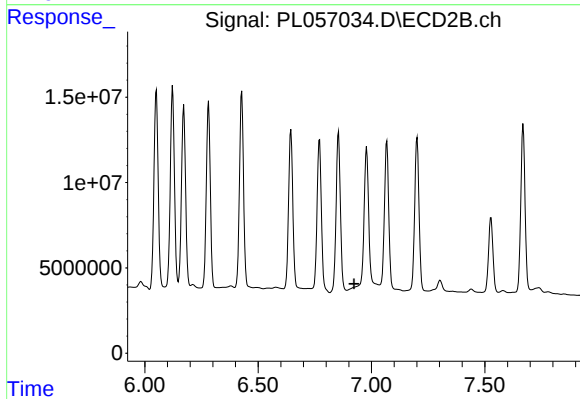
#26 Chlordane-4

R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 148514673  
Conc: 323.89 ng/ml



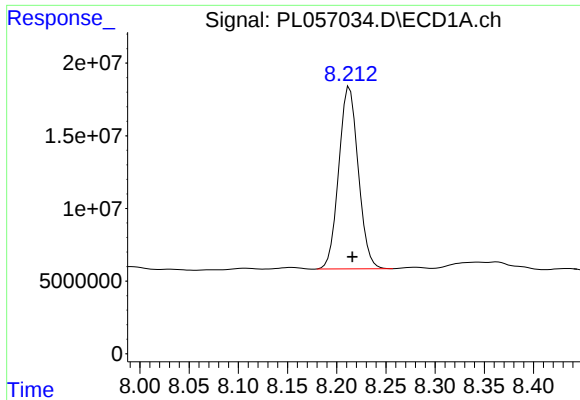
#27 Chlordane-5

R.T.: 6.285 min  
Delta R.T.: -0.010 min  
Response: 467285868  
Conc: 1286.49 ng/ml



#27 Chlordane-5

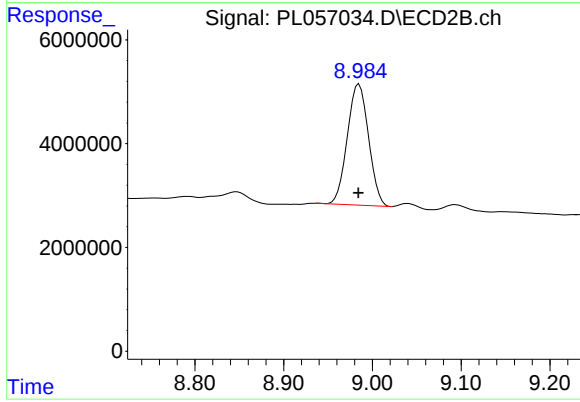
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.213 min  
Delta R.T.: -0.003 min  
Response: 172901190  
Conc: 17.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: 0.000 min  
Response: 38741175  
Conc: 18.23 ng/ml