

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111720\  
 Data File : PL063080.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Nov 2020 19:32  
 Operator : DD\AJ  
 Sample : L4734-02MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 18 03:18:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 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... | 3.411 | 3.951  | 29616062 | 52317177 | 17.218   | 17.803     |
| 28)                         | SA Decachlor... | 8.128 | 8.991  | 18981096 | 20769687 | 11.831   | 9.924      |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.843 | 4.337  | 119.8E6  | 224.5E6  | 46.976   | 50.536     |
| 3)                          | MA gamma-BHC... | 4.122 | 4.620  | 107.8E6  | 206.0E6  | 46.535   | 49.330     |
| 4)                          | MA Heptachlor   | 4.419 | 5.125  | 96670325 | 176.8E6  | 45.051   | 44.333     |
| 5)                          | MB Aldrin       | 4.664 | 5.429  | 88056752 | 173.6E6  | 46.133   | 47.966     |
| 6)                          | B beta-BHC      | 4.372 | 4.792  | 44807151 | 85724478 | 46.909   | 45.525     |
| 7)                          | B delta-BHC     | 4.573 | 5.007  | 102.0E6  | 179.0E6  | 46.920   | 51.140     |
| 8)                          | B Heptachlo...  | 5.103 | 5.814  | 85762200 | 148.7E6  | 47.004   | 45.905     |
| 9)                          | A Endosulfan I  | 5.439 | 6.169  | 75979573 | 134.8E6  | 45.453   | 42.736     |
| 10)                         | B gamma-Chl...  | 5.328 | 6.048  | 83030417 | 143.3E6  | 46.088   | 42.557     |
| 11)                         | B alpha-Chl...  | 5.386 | 6.120  | 81454447 | 142.3E6  | 45.058   | 42.249     |
| 12)                         | B 4,4'-DDE      | 5.551 | 6.278  | 73201174 | 121.9E6  | 44.245   | 37.848     |
| 13)                         | MA Dieldrin     | 5.679 | 6.426  | 85954577 | 133.1E6  | 48.645   | 41.591     |
| 14)                         | MA Endrin       | 5.934 | 6.643  | 74694111 | 113.6E6  | 44.894   | 40.691     |
| 15)                         | B Endosulfa...  | 6.206 | 6.853  | 68586374 | 101.4E6  | 41.602   | 35.488     |
| 16)                         | A 4,4'-DDD      | 6.063 | 6.769  | 61221936 | 106.6E6  | 43.282   | 41.642     |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.066  | 59068512 | 99749968 | 44.261   | 44.427     |
| 18)                         | B Endrin al...  | 6.373 | 6.977  | 55954163 | 84291190 | 38.534   | 36.960     |
| 19)                         | B Endosulfa...  | 6.586 | 7.200  | 65549743 | 98775362 | 39.721   | 41.170     |
| 20)                         | A Methoxychlor  | 6.846 | 7.527  | 34566256 | 49151178 | 40.133   | 39.782     |
| 21)                         | B Endrin ke...  | 7.072 | 7.669  | 75371373 | 111.2E6  | 41.803   | 46.930     |
| 22)                         | Mirex           | 7.258 | 8.123  | 60551470 | 69305487 | 42.711   | 40.670     |
| 23)                         | Chlordane-1     | 4.263 | 0.000  | 1424285  | 0        | 27.629   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.429f | 0        | 173.6E6  | N.D.     | 1592.253 # |
| 25)                         | Chlordane-3     | 5.328 | 6.048  | 83030417 | 143.3E6  | 542.226  | 354.658 #  |
| 26)                         | Chlordane-4     | 5.386 | 6.120  | 81454447 | 142.3E6  | 625.319  | 293.905 #  |
| 27)                         | Chlordane-5     | 6.206 | 0.000  | 68586374 | 0        | 1421.607 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

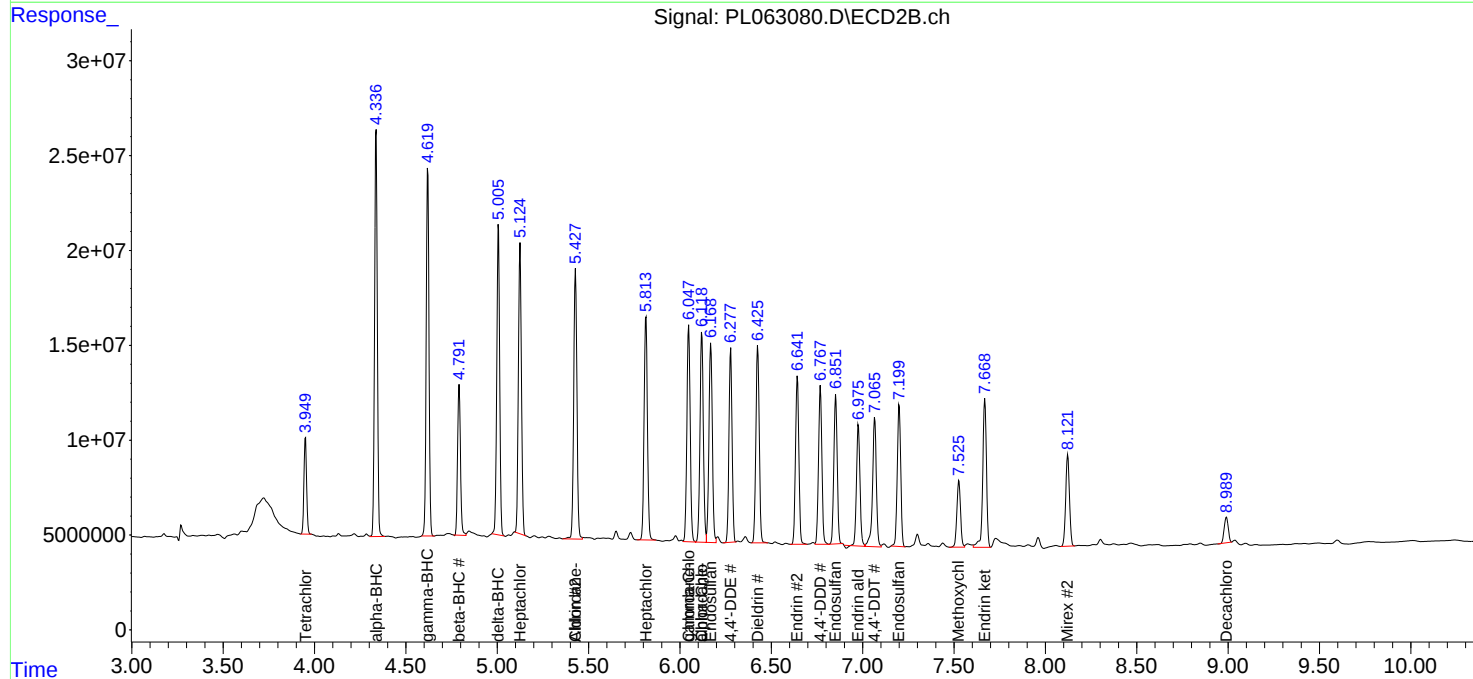
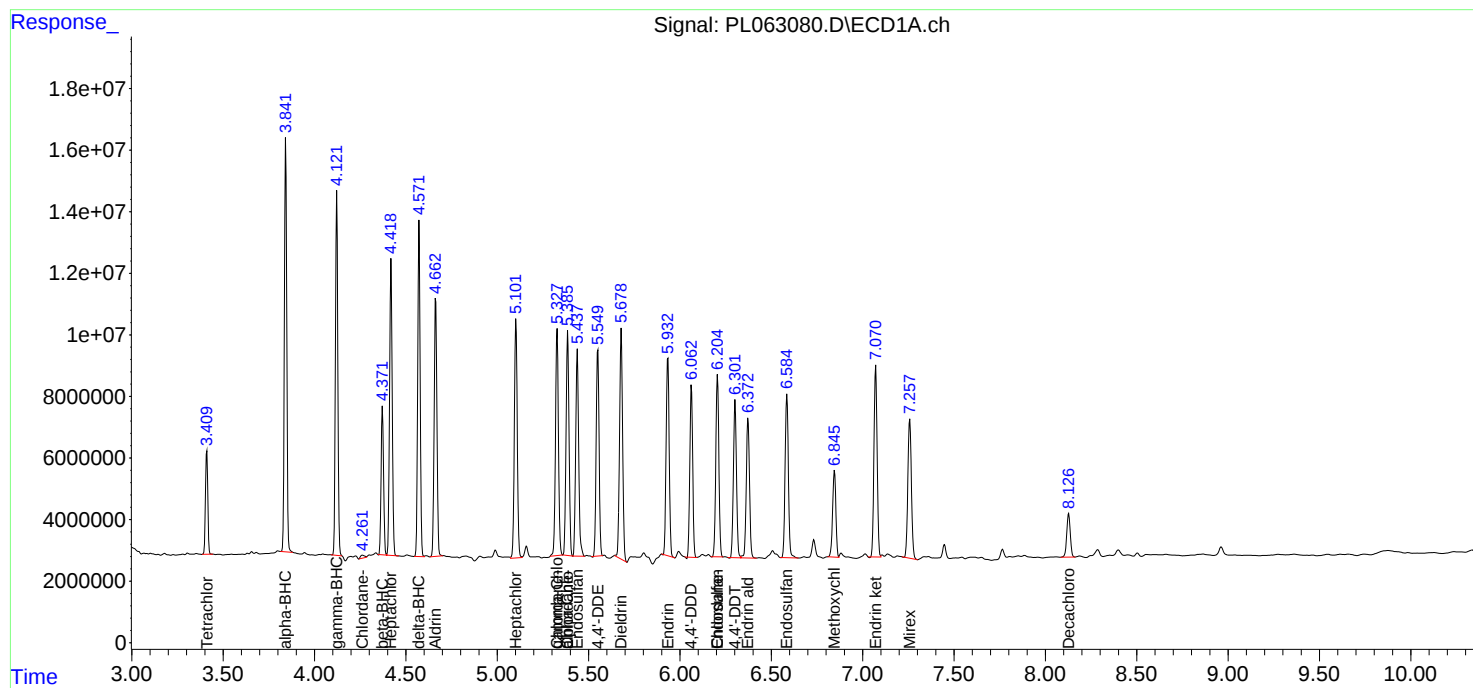
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

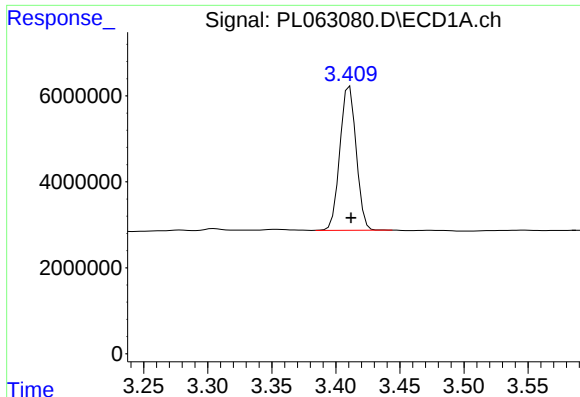
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111720\  
Data File : PL063080.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Nov 2020 19:32  
Operator : DD\AJ  
Sample : L4734-02MS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 18 03:18:11 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 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

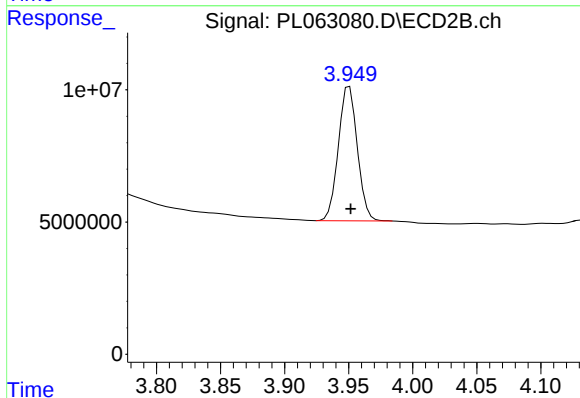




#1 Tetrachloro-m-xylene

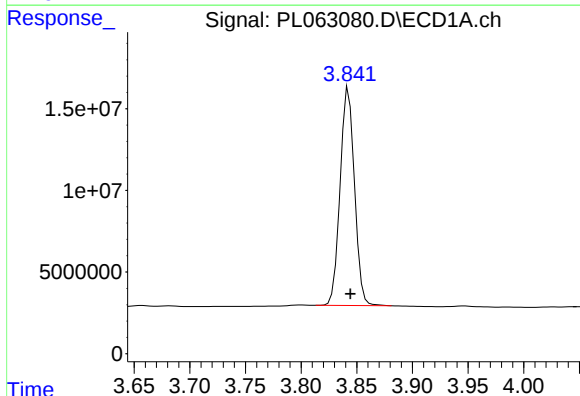
R.T.: 3.411 min  
Delta R.T.: -0.001 min  
Response: 29616062  
Conc: 17.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



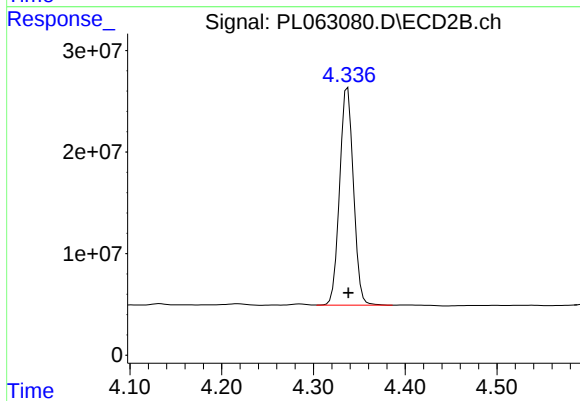
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: -0.001 min  
Response: 52317177  
Conc: 17.80 ng/ml



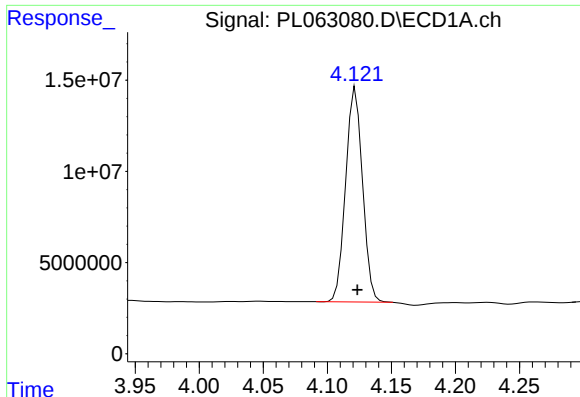
#2 alpha-BHC

R.T.: 3.843 min  
Delta R.T.: -0.001 min  
Response: 119774064  
Conc: 46.98 ng/ml



#2 alpha-BHC

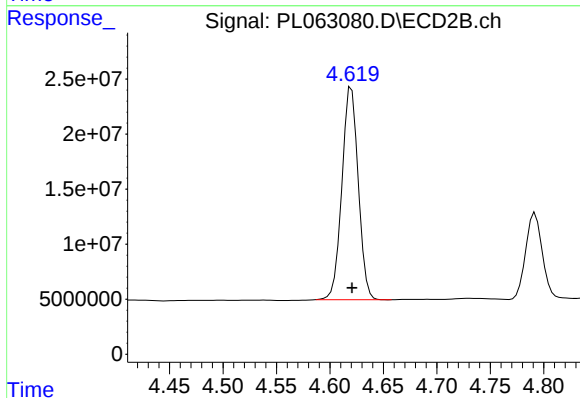
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 224541508  
Conc: 50.54 ng/ml



#3 gamma-BHC (Lindane)

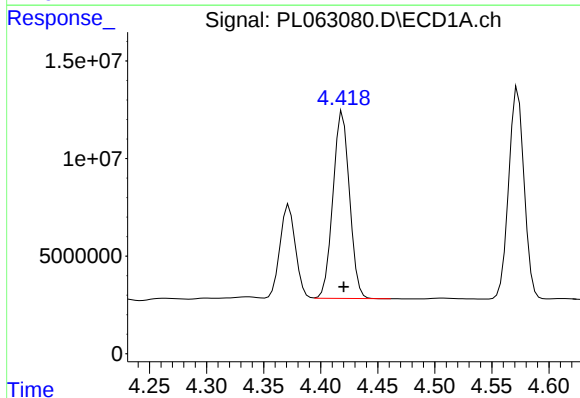
R.T.: 4.122 min  
Delta R.T.: -0.001 min  
Response: 107805850  
Conc: 46.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



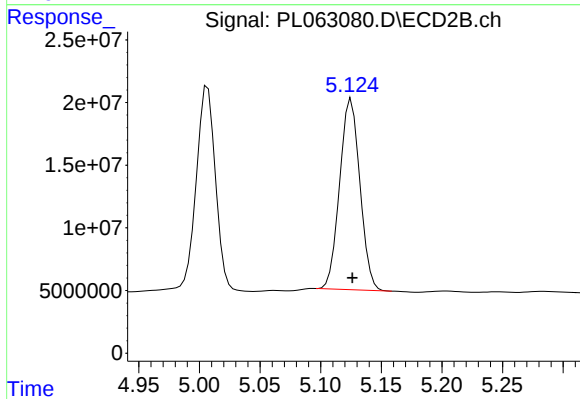
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 205990486  
Conc: 49.33 ng/ml



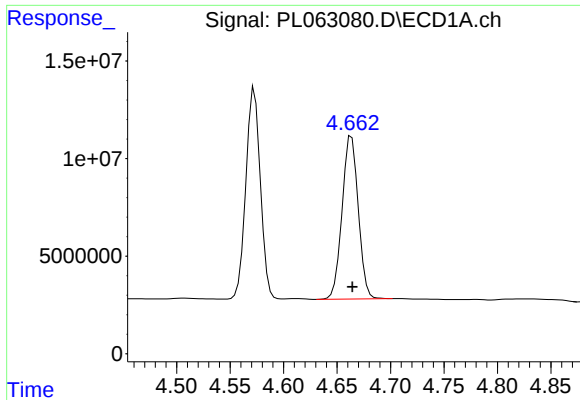
#4 Heptachlor

R.T.: 4.419 min  
Delta R.T.: 0.000 min  
Response: 96670325  
Conc: 45.05 ng/ml



#4 Heptachlor

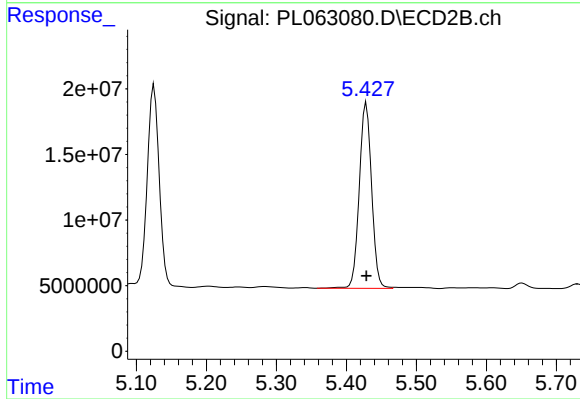
R.T.: 5.125 min  
Delta R.T.: 0.000 min  
Response: 176794775  
Conc: 44.33 ng/ml



#5 Aldrin

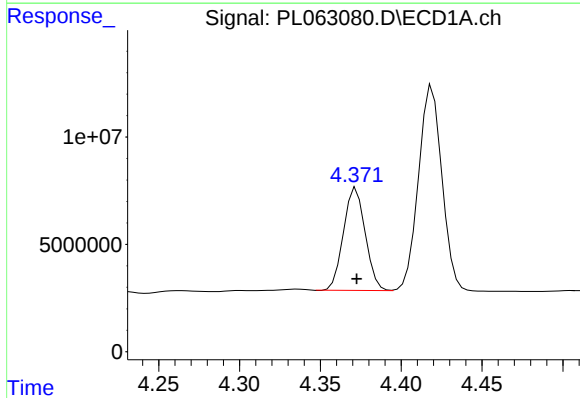
R.T.: 4.664 min  
Delta R.T.: 0.000 min  
Response: 88056752  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



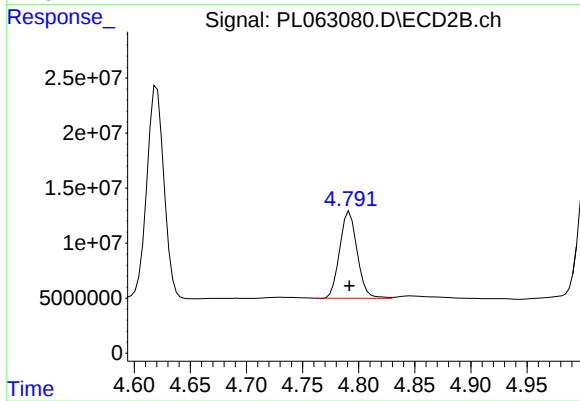
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 173612759  
Conc: 47.97 ng/ml



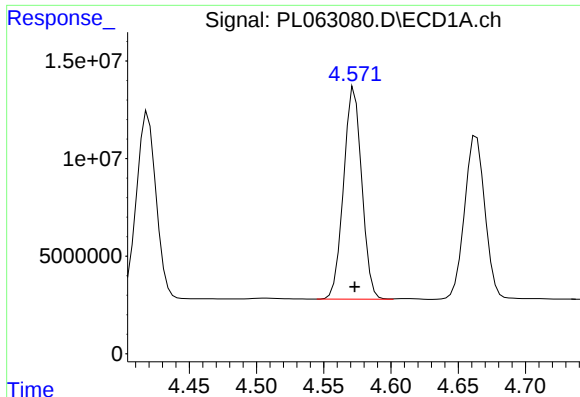
#6 beta-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 44807151  
Conc: 46.91 ng/ml



#6 beta-BHC

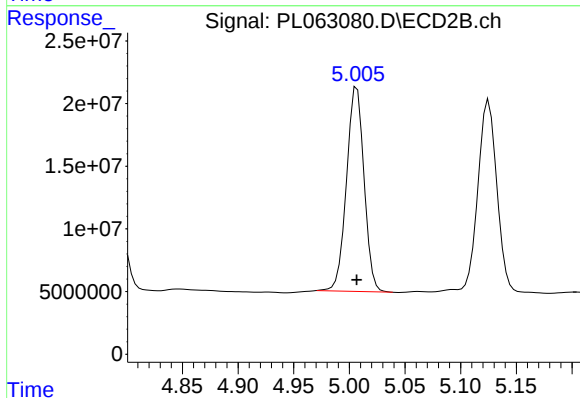
R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 85724478  
Conc: 45.52 ng/ml



#7 delta-BHC

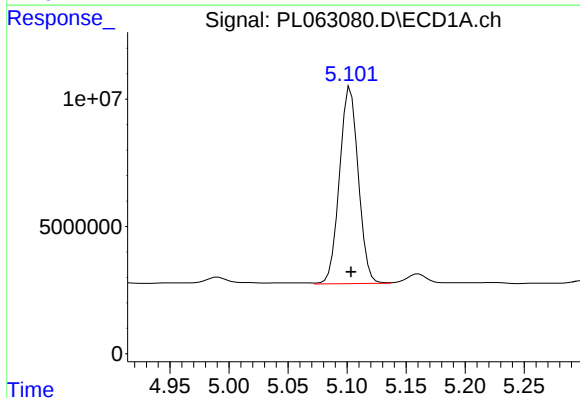
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 101967199  
Conc: 46.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



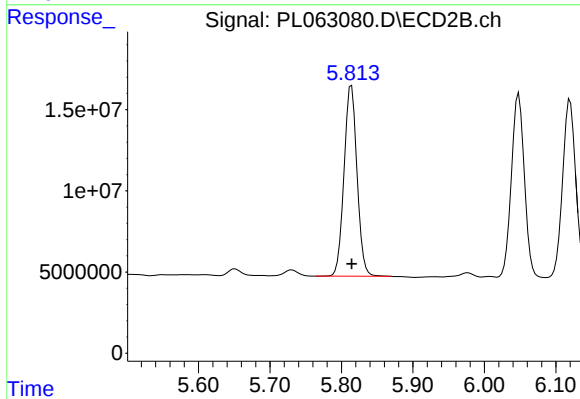
#7 delta-BHC

R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 178963803  
Conc: 51.14 ng/ml



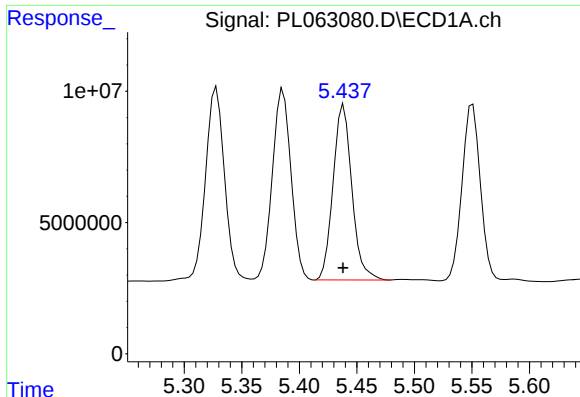
#8 Heptachlor epoxide

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 85762200  
Conc: 47.00 ng/ml



#8 Heptachlor epoxide

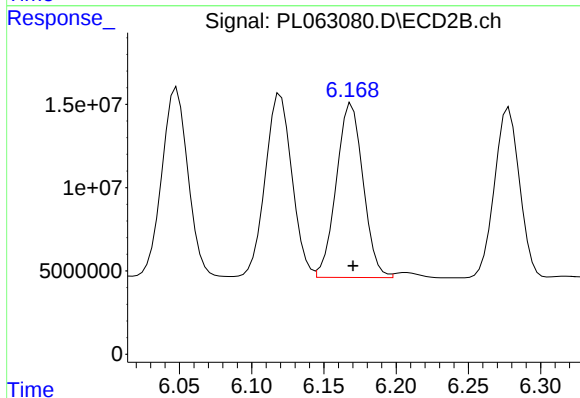
R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 148667024  
Conc: 45.90 ng/ml



#9 Endosulfan I

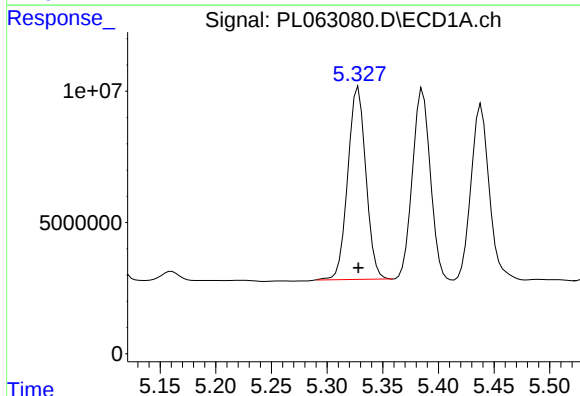
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 75979573  
Conc: 45.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



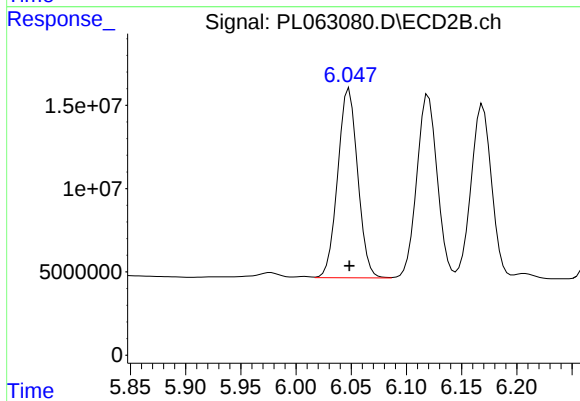
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: -0.001 min  
Response: 134782345  
Conc: 42.74 ng/ml



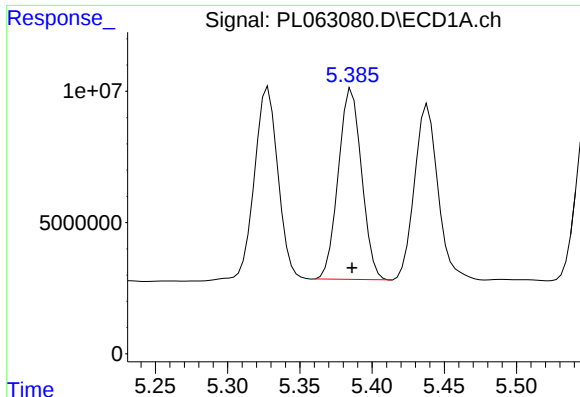
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 83030417  
Conc: 46.09 ng/ml



#10 gamma-Chlordane

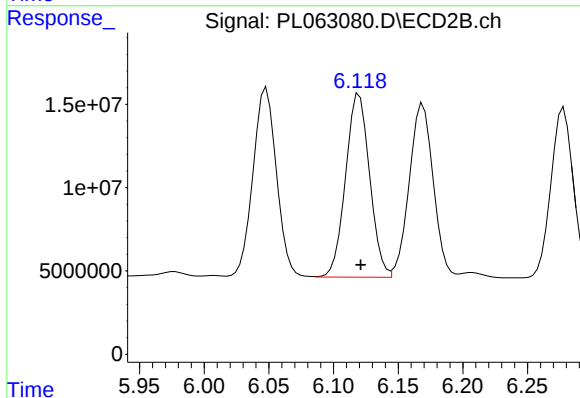
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 143260803  
Conc: 42.56 ng/ml



#11 alpha-Chlordane

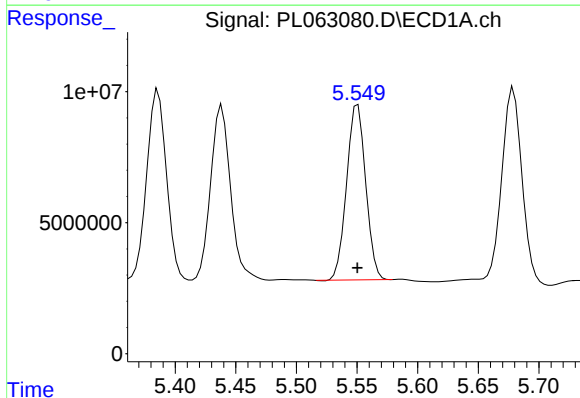
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 81454447  
Conc: 45.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



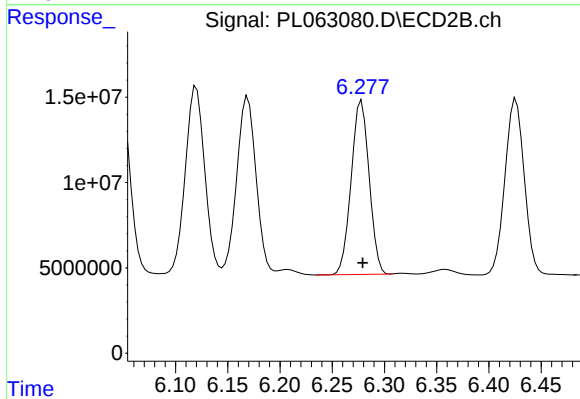
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: -0.001 min  
Response: 142334060  
Conc: 42.25 ng/ml



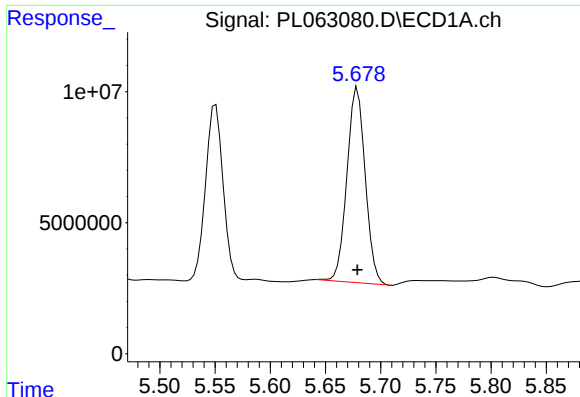
#12 4,4'-DDE

R.T.: 5.551 min  
Delta R.T.: 0.000 min  
Response: 73201174  
Conc: 44.25 ng/ml



#12 4,4'-DDE

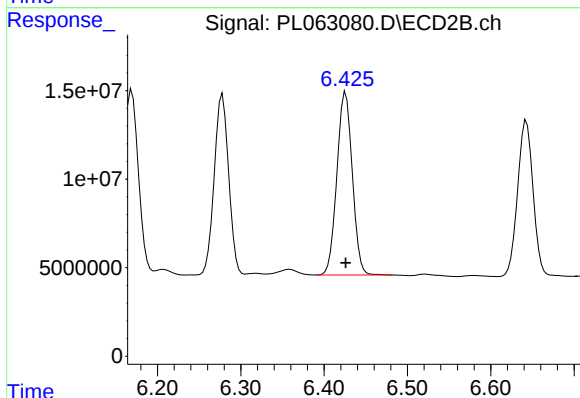
R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 121947289  
Conc: 37.85 ng/ml



#13 Dieldrin

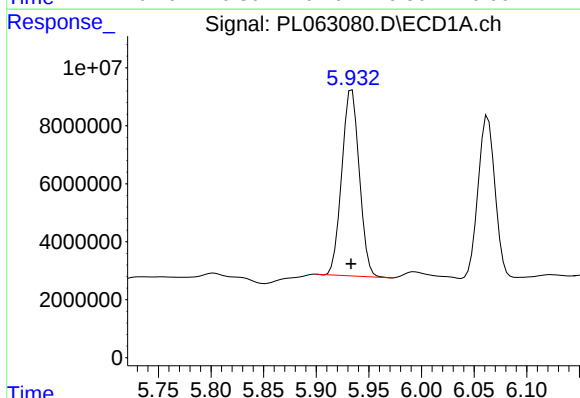
R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 85954577  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



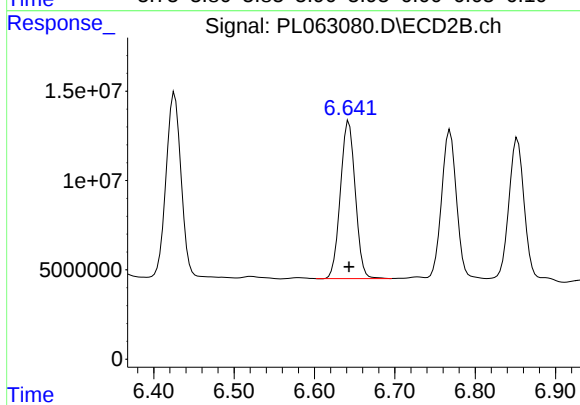
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 133126317  
Conc: 41.59 ng/ml



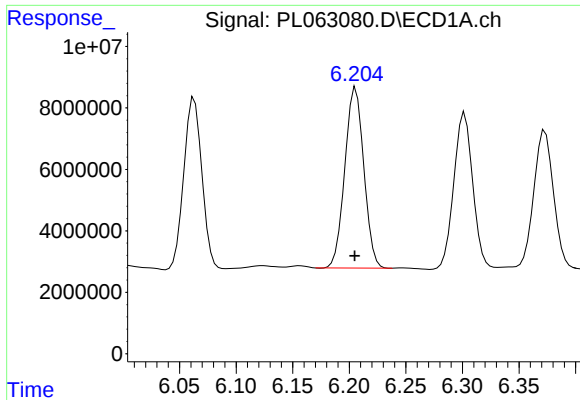
#14 Endrin

R.T.: 5.934 min  
Delta R.T.: 0.000 min  
Response: 74694111  
Conc: 44.89 ng/ml



#14 Endrin

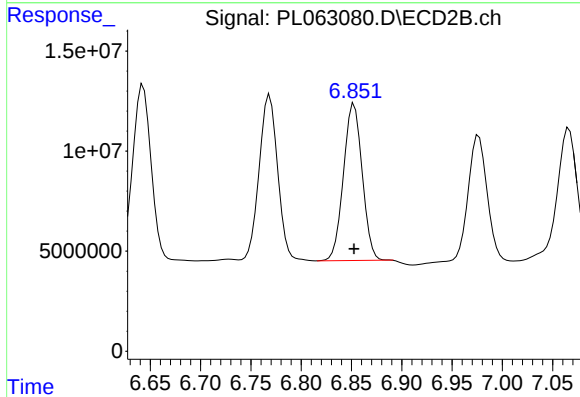
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 113573540  
Conc: 40.69 ng/ml



#15 Endosulfan II

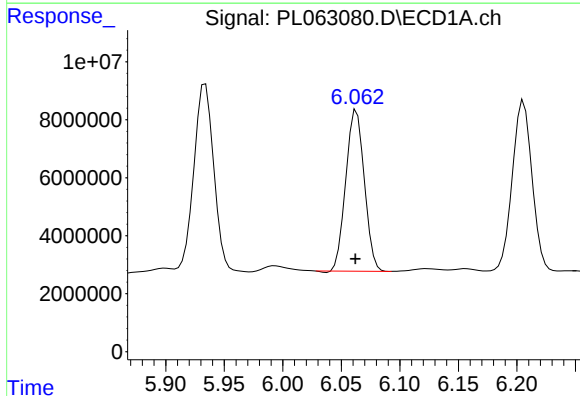
R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 68586374  
Conc: 41.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



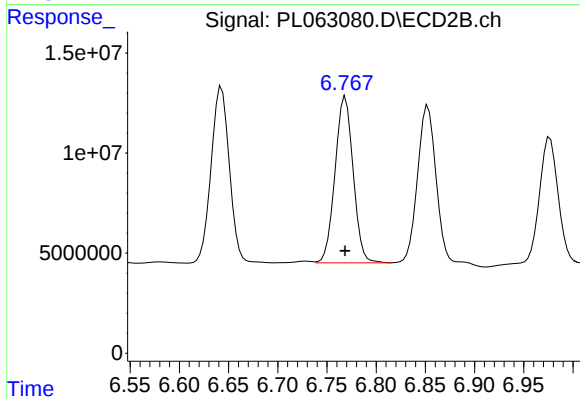
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 101448041  
Conc: 35.49 ng/ml



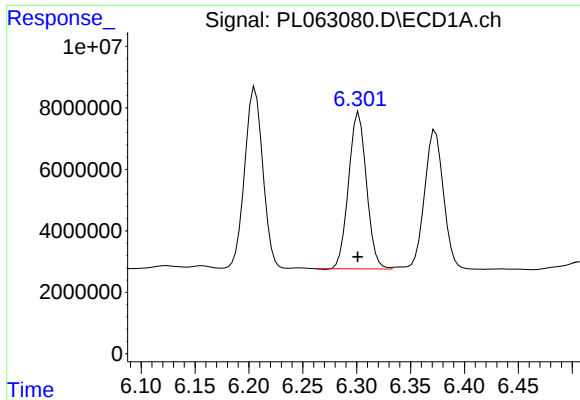
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.000 min  
Response: 61221936  
Conc: 43.28 ng/ml



#16 4,4'-DDD

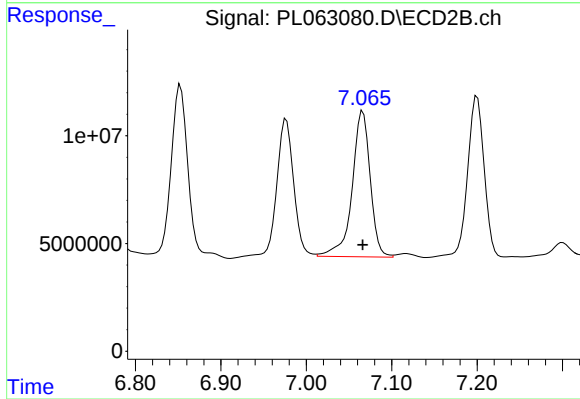
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 106601309  
Conc: 41.64 ng/ml



#17 4,4'-DDT

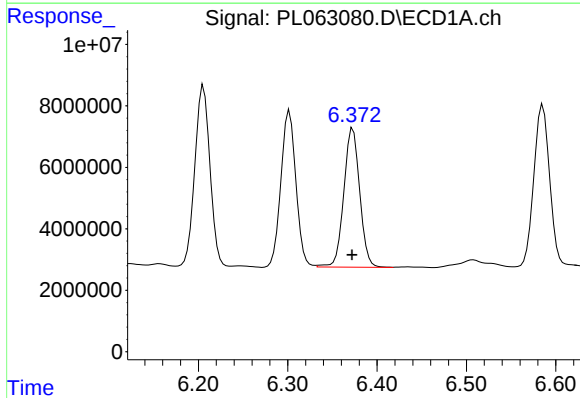
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 59068512  
Conc: 44.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



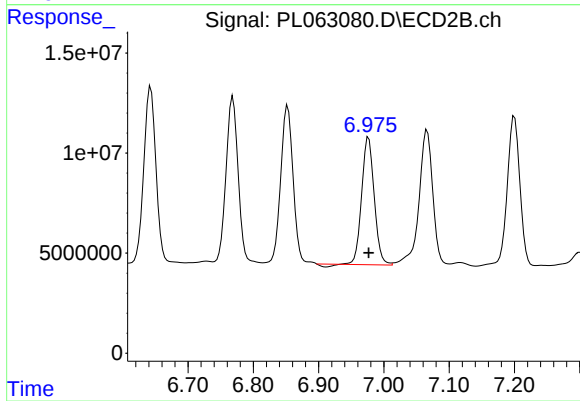
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 99749968  
Conc: 44.43 ng/ml



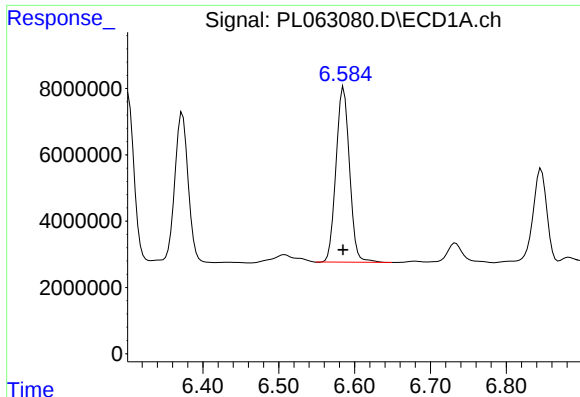
#18 Endrin aldehyde

R.T.: 6.373 min  
Delta R.T.: 0.001 min  
Response: 55954163  
Conc: 38.53 ng/ml



#18 Endrin aldehyde

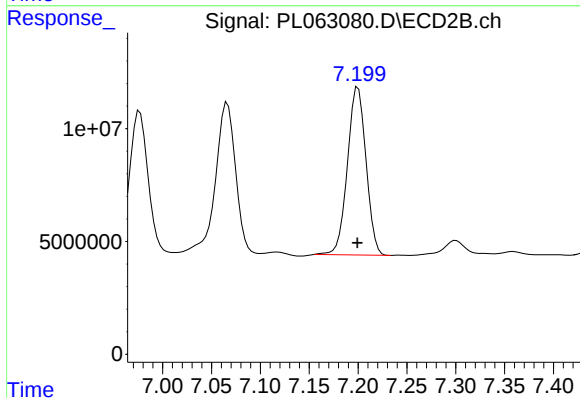
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 84291190  
Conc: 36.96 ng/ml



#19 Endosulfan Sulfate

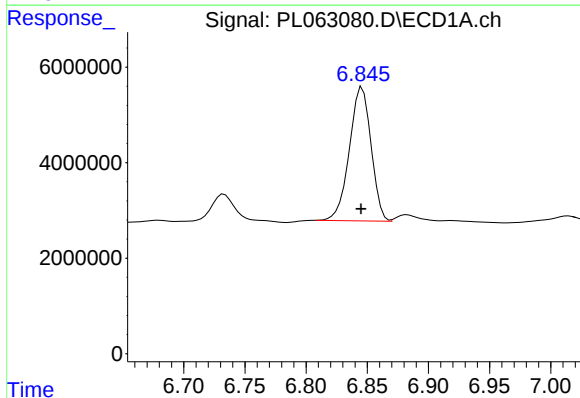
R.T.: 6.586 min  
Delta R.T.: 0.000 min  
Response: 65549743  
Conc: 39.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



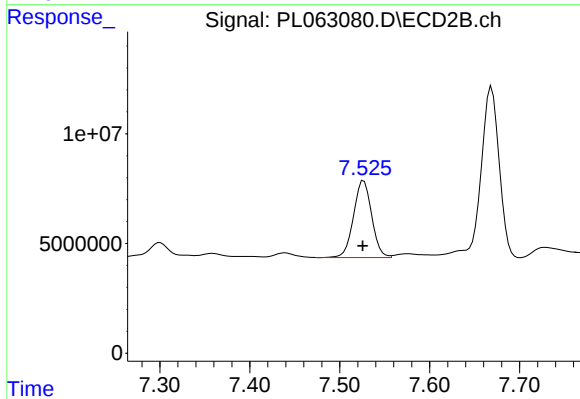
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 98775362  
Conc: 41.17 ng/ml



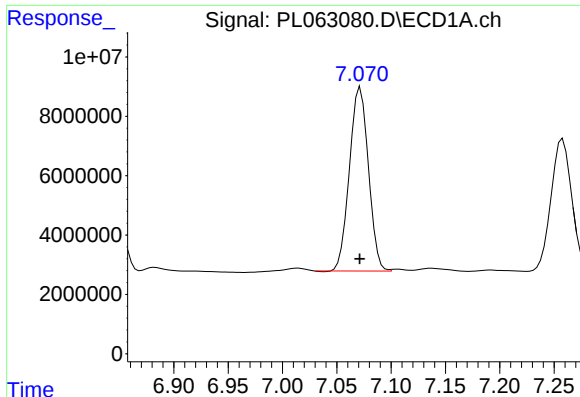
#20 Methoxychlor

R.T.: 6.846 min  
Delta R.T.: 0.001 min  
Response: 34566256  
Conc: 40.13 ng/ml



#20 Methoxychlor

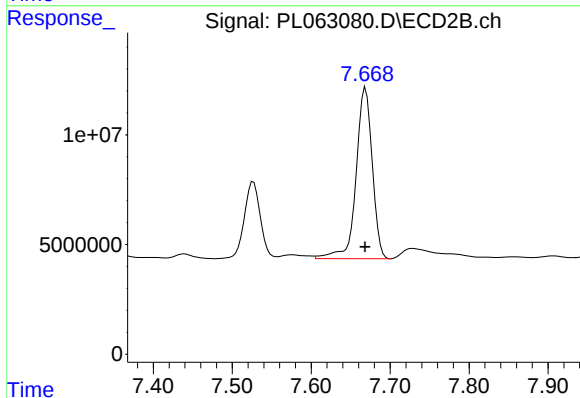
R.T.: 7.527 min  
Delta R.T.: 0.001 min  
Response: 49151178  
Conc: 39.78 ng/ml



#21 Endrin ketone

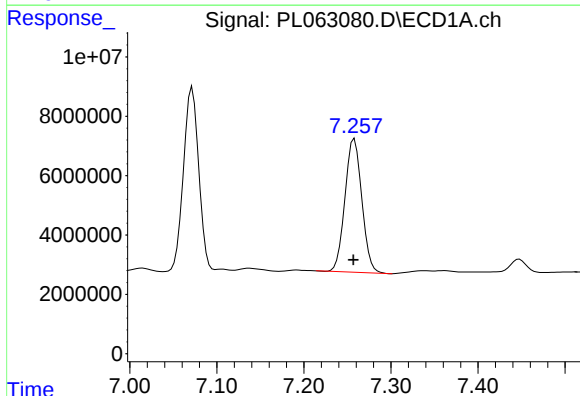
R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 75371373  
Conc: 41.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



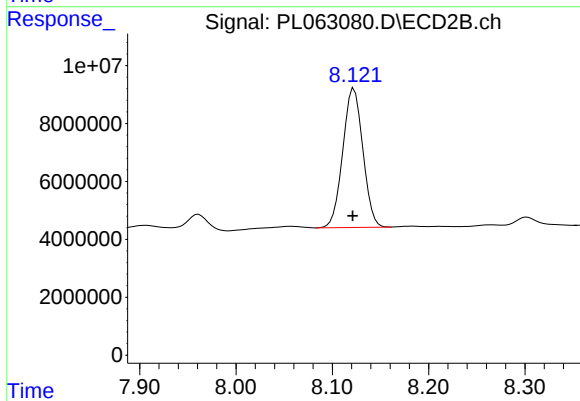
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 111215398  
Conc: 46.93 ng/ml



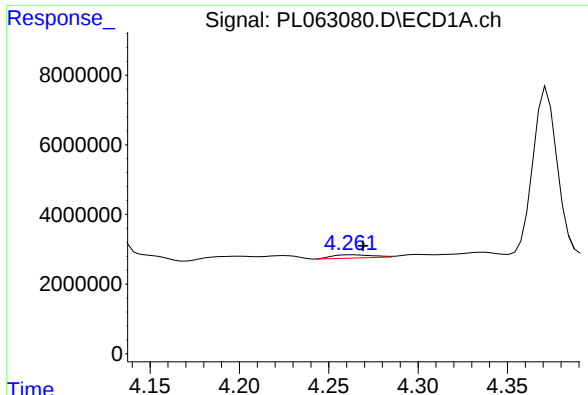
#22 Mirex

R.T.: 7.258 min  
Delta R.T.: 0.000 min  
Response: 60551470  
Conc: 42.71 ng/ml



#22 Mirex

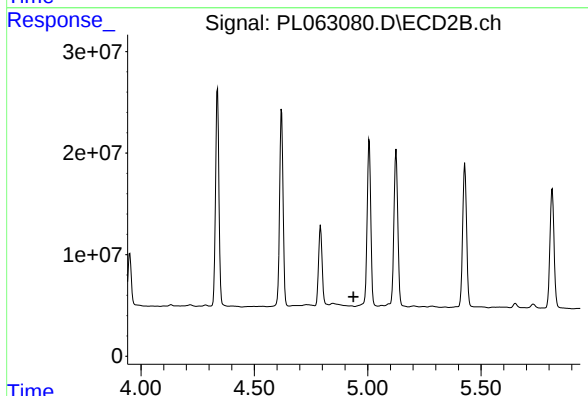
R.T.: 8.123 min  
Delta R.T.: 0.001 min  
Response: 69305487  
Conc: 40.67 ng/ml



#23 Chlordane-1

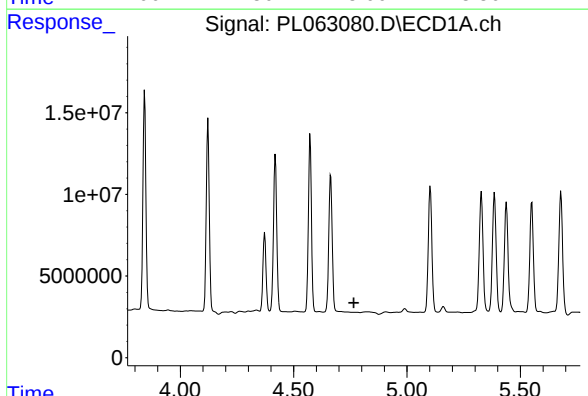
R.T.: 4.263 min  
Delta R.T.: -0.006 min  
Response: 1424285  
Conc: 27.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



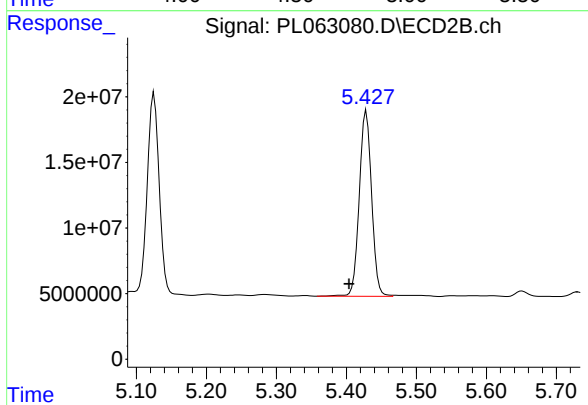
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.938 min  
Response: 0  
Conc: N.D.



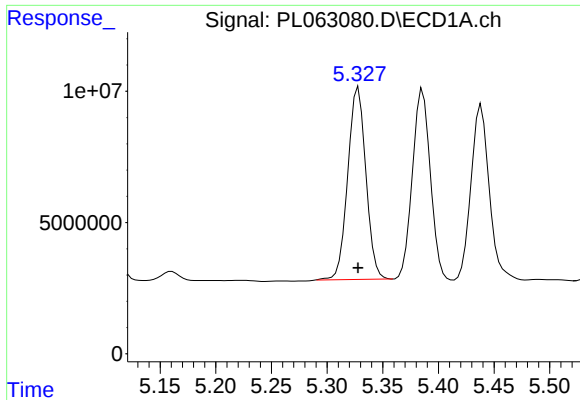
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.765 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

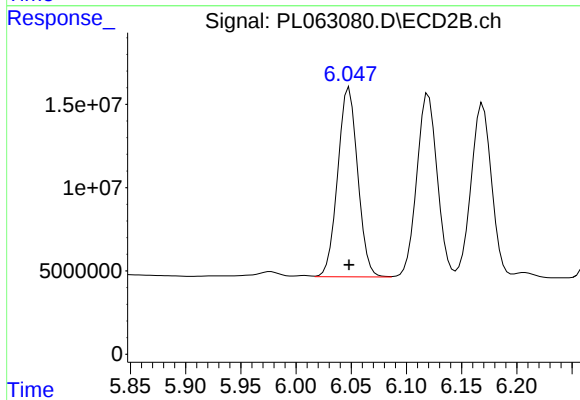
R.T.: 5.429 min  
Delta R.T.: 0.025 min  
Response: 173612759  
Conc: 1592.25 ng/ml



#25 Chlordane-3

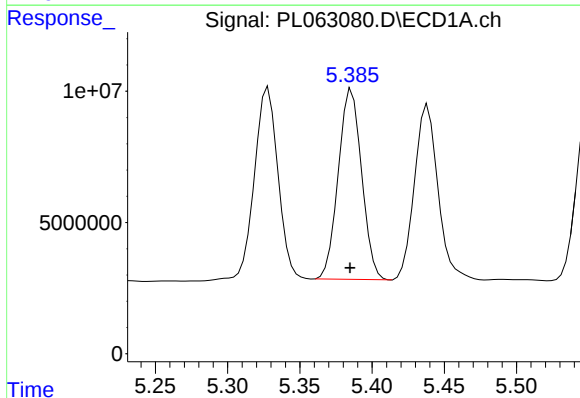
R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 83030417  
Conc: 542.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



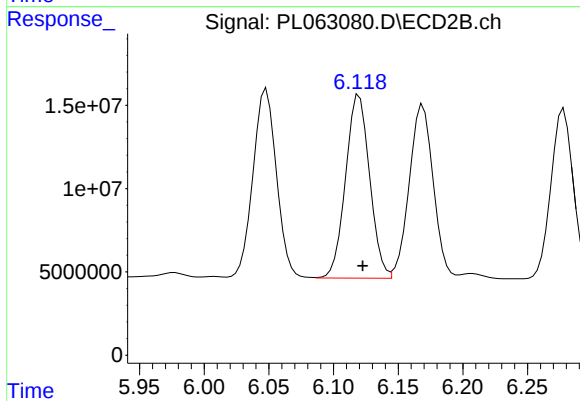
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 143260803  
Conc: 354.66 ng/ml



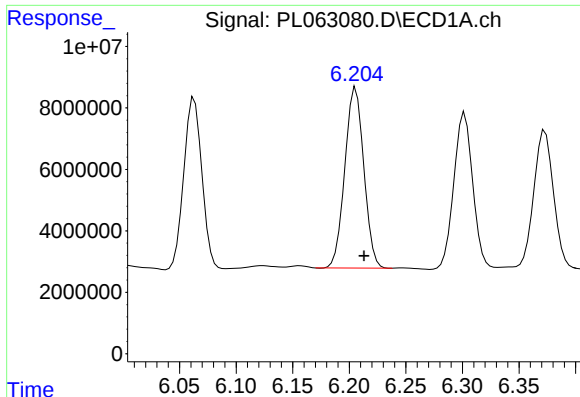
#26 Chlordane-4

R.T.: 5.386 min  
Delta R.T.: 0.001 min  
Response: 81454447  
Conc: 625.32 ng/ml



#26 Chlordane-4

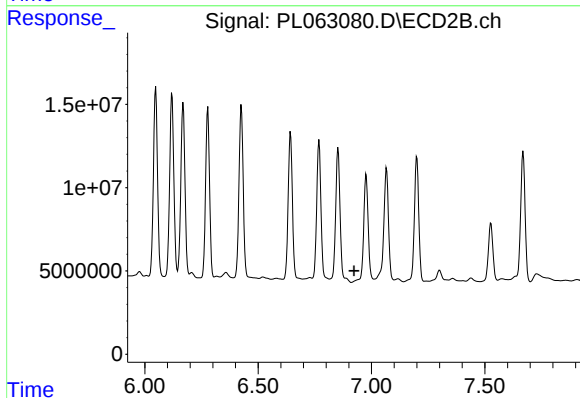
R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 142334060  
Conc: 293.90 ng/ml



#27 Chlordane-5

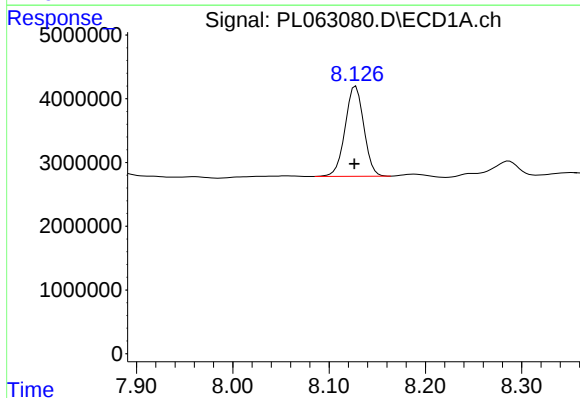
R.T.: 6.206 min  
Delta R.T.: -0.007 min  
Response: 68586374  
Conc: 1421.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



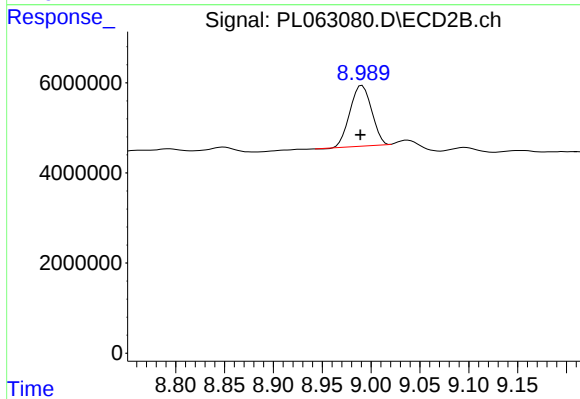
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.128 min  
Delta R.T.: 0.001 min  
Response: 18981096  
Conc: 11.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.002 min  
Response: 20769687  
Conc: 9.92 ng/ml