

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111620\  
 Data File : PL063031.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Nov 2020 12:41  
 Operator : DD\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: Nov 17 00:54:05 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  | 80059523 | 149.4E6  | 46.544   | 50.828     |
| 2)                          | SA Decachlor... | 8.128  | 8.992  | 82215858 | 109.6E6  | 51.248   | 52.364     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.843  | 4.338  | 114.9E6  | 224.2E6  | 45.054   | 50.451     |
| 3)                          | MA gamma-BHC... | 4.122  | 4.621  | 98892656 | 207.6E6  | 42.687   | 49.716     |
| 4)                          | MA Heptachlor   | 4.420  | 5.126  | 98838450 | 189.2E6  | 46.062   | 47.448     |
| 5)                          | MB Aldrin       | 4.664  | 5.429  | 87156700 | 177.4E6  | 45.662   | 49.012     |
| 6)                          | B beta-BHC      | 4.372  | 4.792  | 43109264 | 88221469 | 45.131   | 46.851     |
| 7)                          | B delta-BHC     | 4.573  | 5.007  | 99284268 | 166.4E6  | 45.685   | 47.561     |
| 8)                          | B Heptachlo...  | 5.103  | 5.814  | 90986256 | 146.4E6  | 49.867   | 45.192     |
| 9)                          | A Endosulfan I  | 5.438  | 6.170  | 78128905 | 149.0E6  | 46.739   | 47.252     |
| 10)                         | B gamma-Chl...  | 5.328  | 6.048  | 82980937 | 159.1E6  | 46.060   | 47.272     |
| 11)                         | B alpha-Chl...  | 5.386  | 6.120  | 82762150 | 161.0E6  | 45.782   | 47.787     |
| 12)                         | B 4,4'-DDE      | 5.551  | 6.279  | 77246209 | 156.5E6  | 46.690   | 48.569     |
| 13)                         | MA Dieldrin     | 5.679  | 6.426  | 81620963 | 152.7E6  | 46.193   | 47.695     |
| 14)                         | MA Endrin       | 5.933  | 6.643  | 77438756 | 132.6E6  | 46.544   | 47.509     |
| 15)                         | B Endosulfa...  | 6.206  | 6.853  | 76011034 | 133.9E6  | 46.105   | 46.840     |
| 16)                         | A 4,4'-DDD      | 6.062  | 6.769  | 66308509 | 120.6E6  | 46.878   | 47.098     |
| 17)                         | MA 4,4'-DDT     | 6.302  | 7.067  | 66205432 | 118.2E6  | 49.608   | 52.651     |
| 18)                         | B Endrin al...  | 6.373  | 6.977  | 68513238 | 116.0E6  | 47.183   | 50.865     |
| 19)                         | B Endosulfa...  | 6.585  | 7.200  | 76328398 | 122.9E6  | 46.253   | 51.214     |
| 20)                         | A Methoxychlor  | 6.846  | 7.527  | 41368683 | 63012006 | 48.031   | 51.001     |
| 21)                         | B Endrin ke...  | 7.072  | 7.670  | 97299009 | 125.6E6  | 53.965   | 52.992     |
| 22)                         | Mirex           | 7.257  | 8.123  | 67641066 | 86584575 | 47.712   | 50.810     |
| 23)                         | Chlordane-1     | 4.295f | 4.908f | 12212437 | 5987822  | 236.905  | 59.654 #   |
| 24)                         | Chlordane-2     | 0.000  | 5.429f | 0        | 177.4E6  | N.D.     | 1626.959 # |
| 25)                         | Chlordane-3     | 5.328  | 6.048  | 82980937 | 159.1E6  | 541.902  | 393.955 #  |
| 26)                         | Chlordane-4     | 5.386  | 6.120  | 82762150 | 161.0E6  | 635.358  | 332.429 #  |
| 27)                         | Chlordane-5     | 6.206  | 0.000  | 76011034 | 0        | 1575.500 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

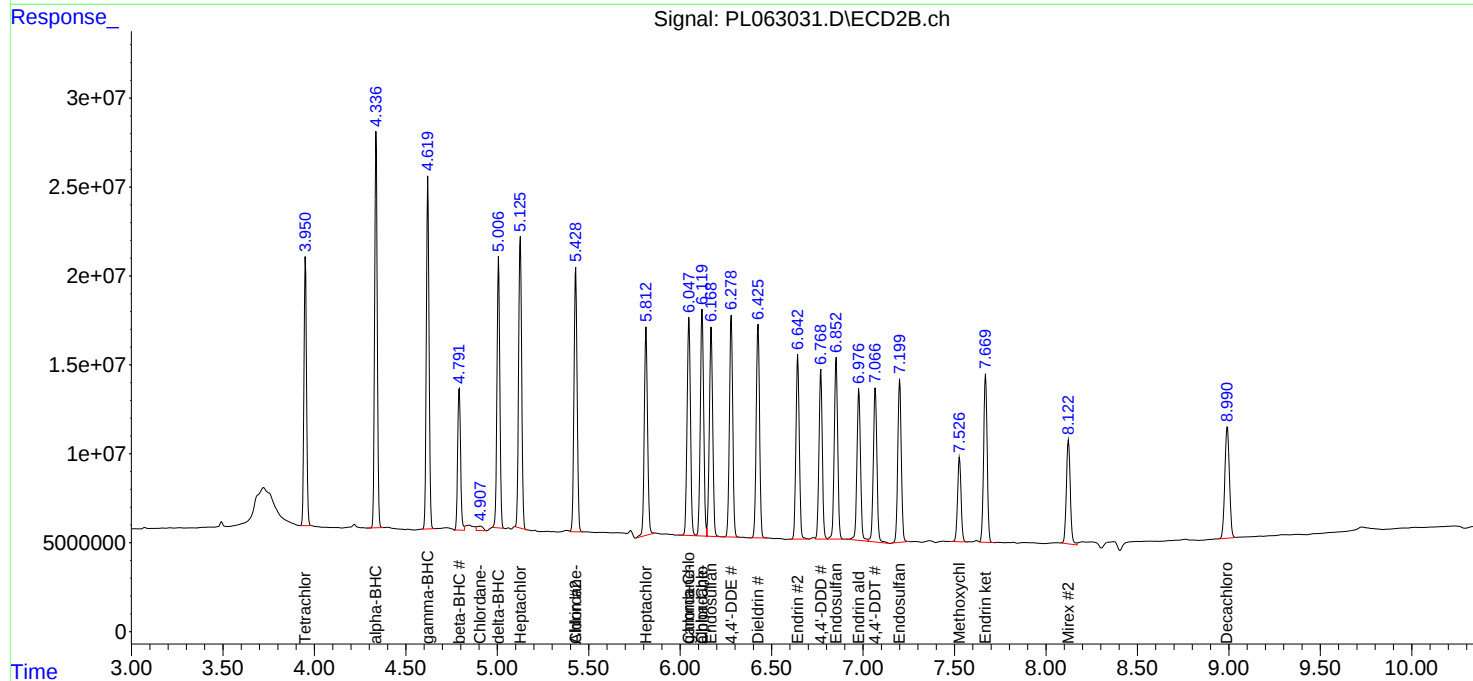
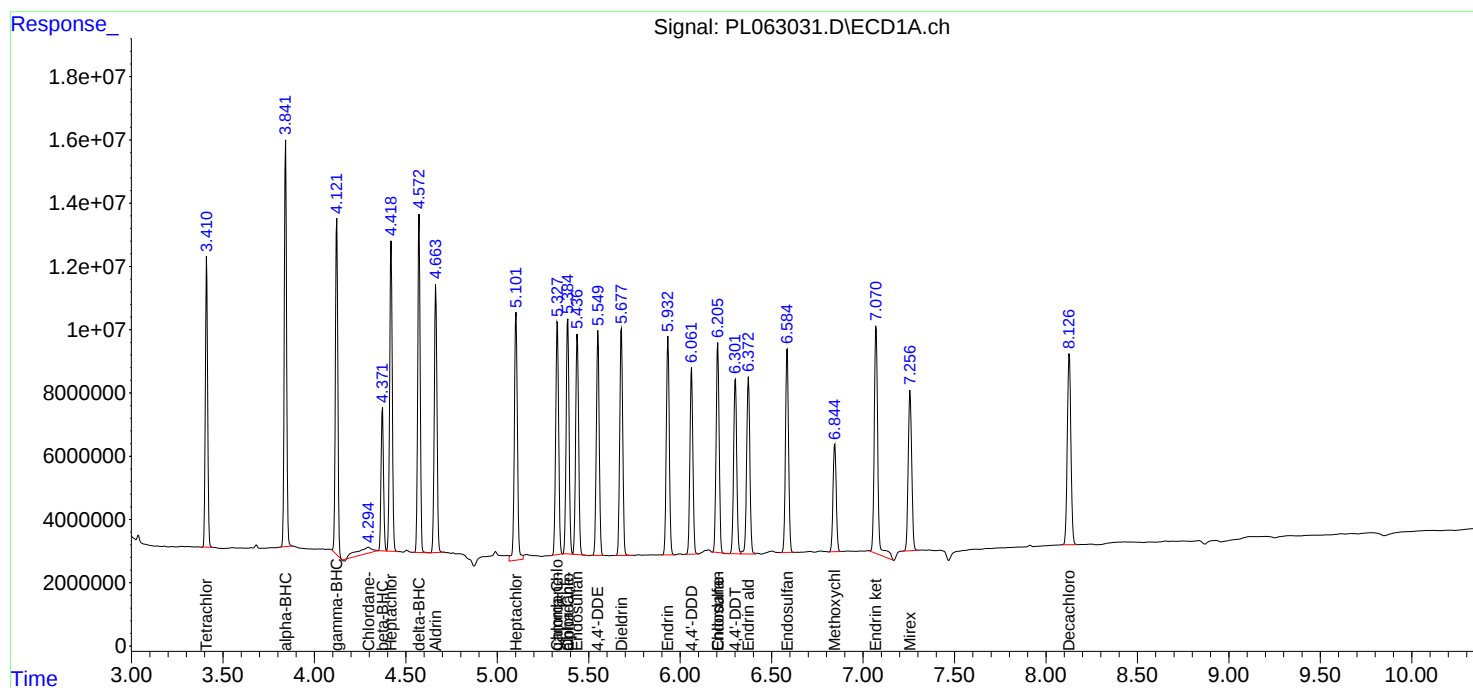
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

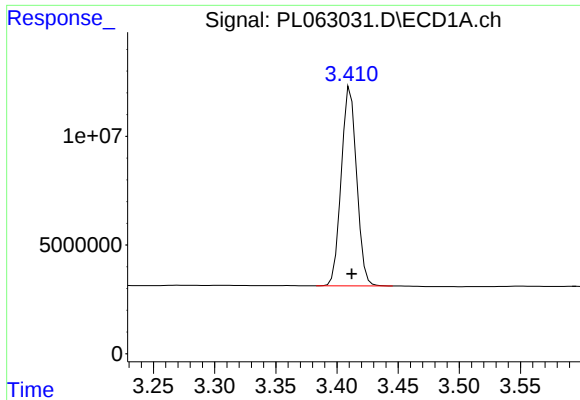
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111620\  
Data File : PL063031.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Nov 2020 12:41  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 17 00:54:05 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

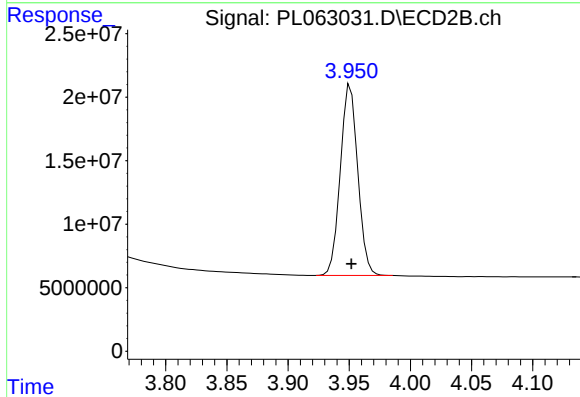




#1 Tetrachloro-m-xylene

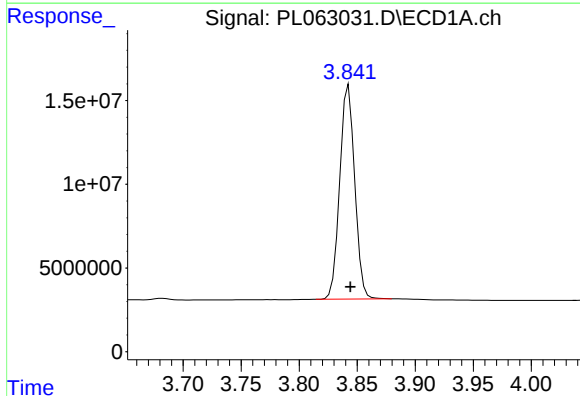
R.T.: 3.411 min  
Delta R.T.: 0.000 min  
Response: 80059523  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



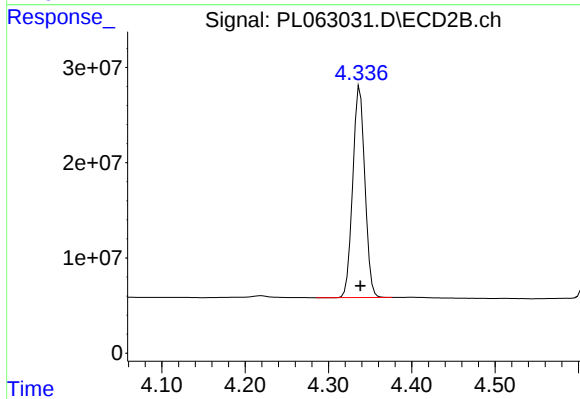
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 149368551  
Conc: 50.83 ng/ml



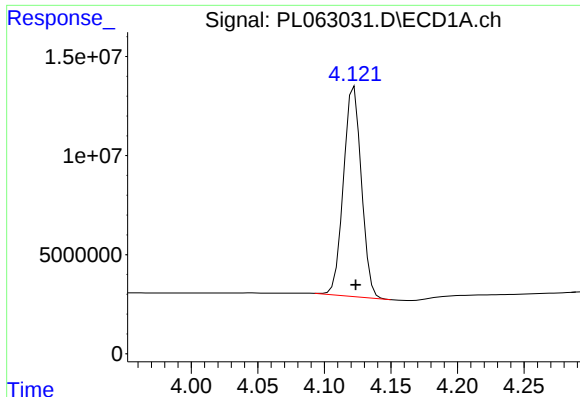
#2 alpha-BHC

R.T.: 3.843 min  
Delta R.T.: -0.002 min  
Response: 114874568  
Conc: 45.05 ng/ml



#2 alpha-BHC

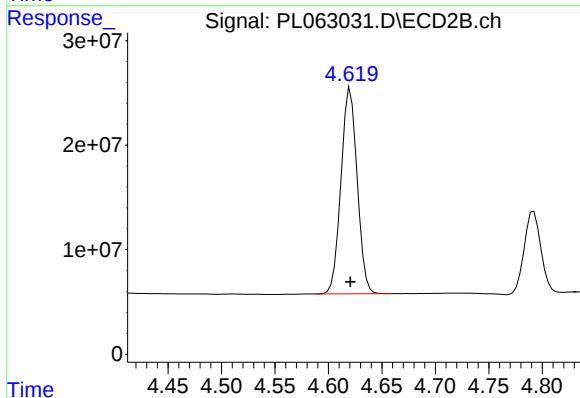
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 224166108  
Conc: 50.45 ng/ml



#3 gamma-BHC (Lindane)

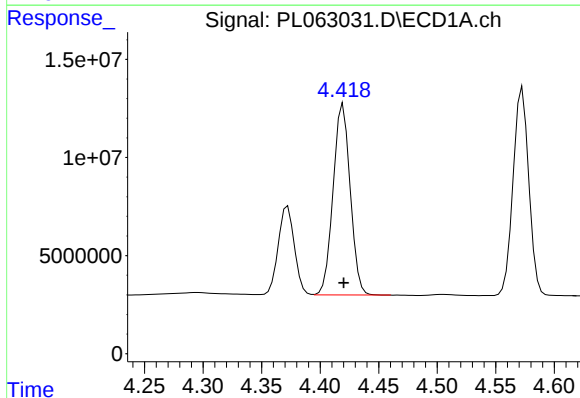
R.T.: 4.122 min  
Delta R.T.: -0.001 min  
Response: 98892656  
Conc: 42.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



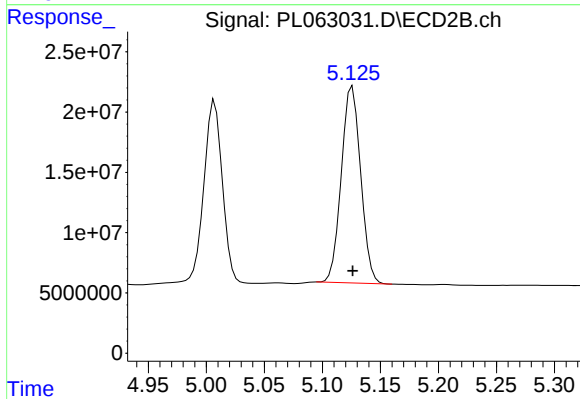
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 207600888  
Conc: 49.72 ng/ml



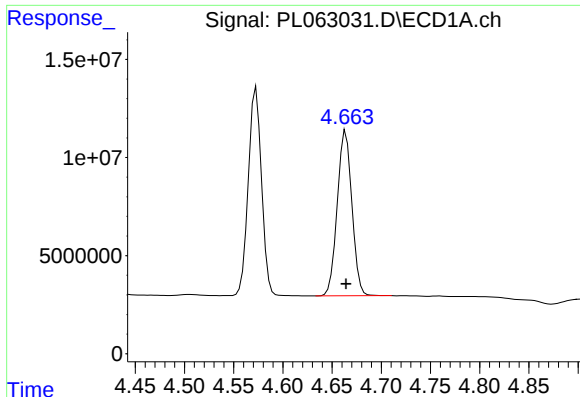
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 98838450  
Conc: 46.06 ng/ml



#4 Heptachlor

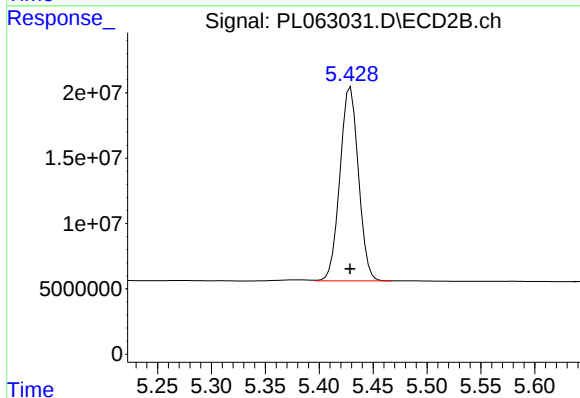
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 189218800  
Conc: 47.45 ng/ml



#5 Aldrin

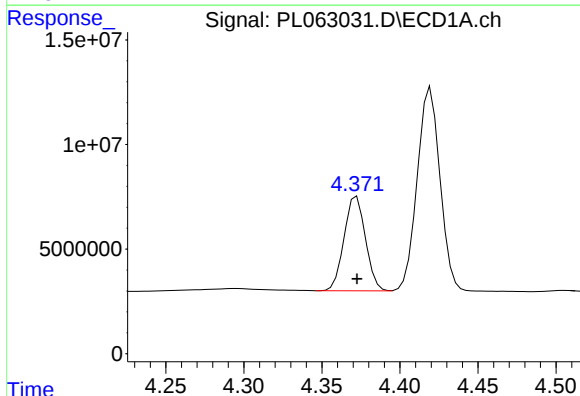
R.T.: 4.664 min  
Delta R.T.: 0.000 min  
Response: 87156700  
Conc: 45.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



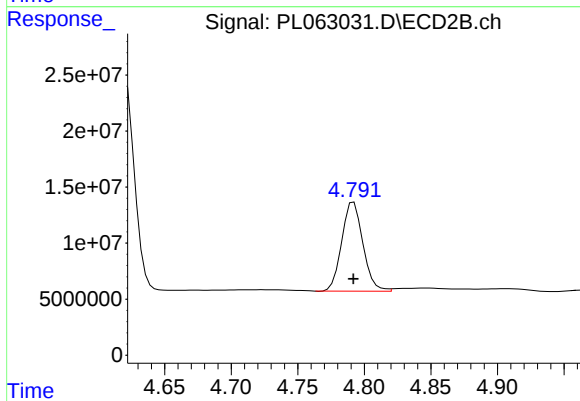
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 177397027  
Conc: 49.01 ng/ml



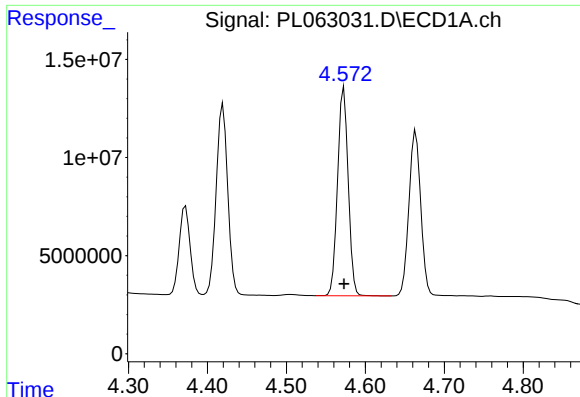
#6 beta-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 43109264  
Conc: 45.13 ng/ml



#6 beta-BHC

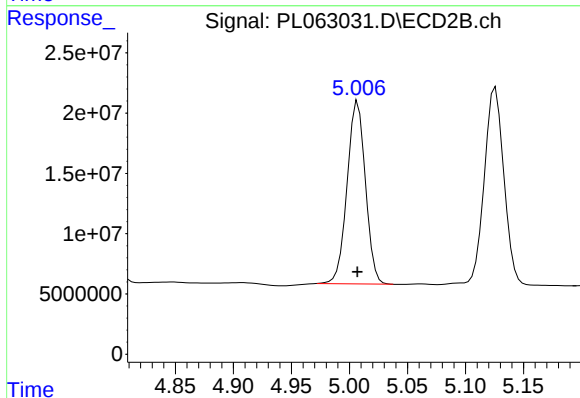
R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 88221469  
Conc: 46.85 ng/ml



#7 delta-BHC

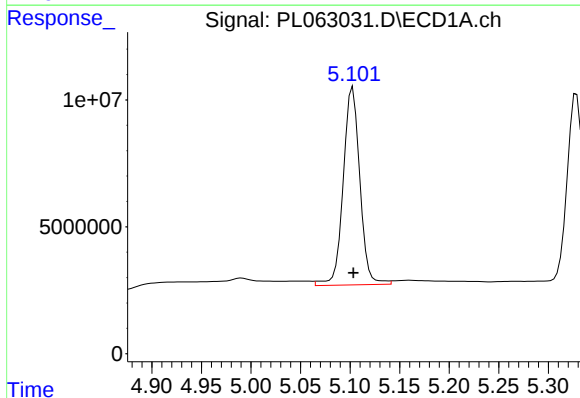
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 99284268  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



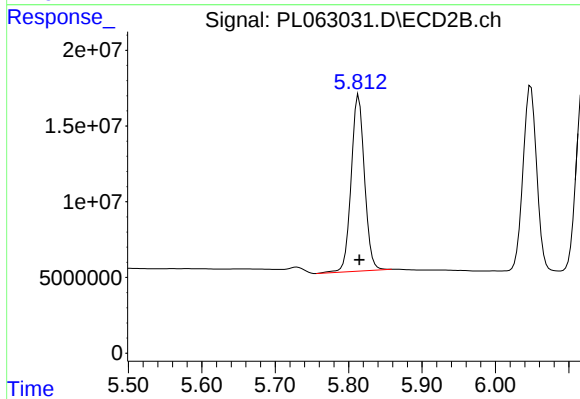
#7 delta-BHC

R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 166436394  
Conc: 47.56 ng/ml



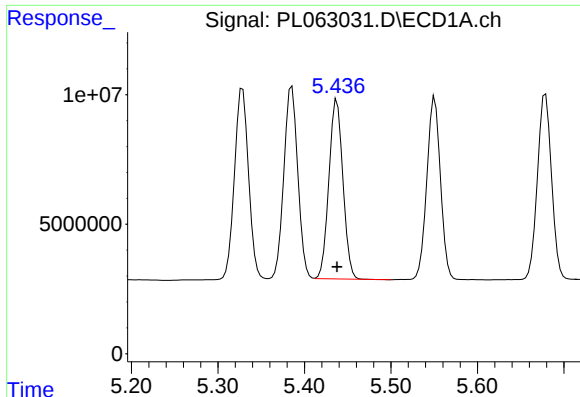
#8 Heptachlor epoxide

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 90986256  
Conc: 49.87 ng/ml



#8 Heptachlor epoxide

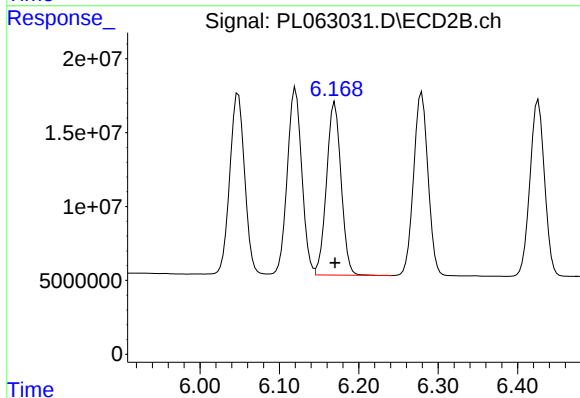
R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 146358765  
Conc: 45.19 ng/ml



#9 Endosulfan I

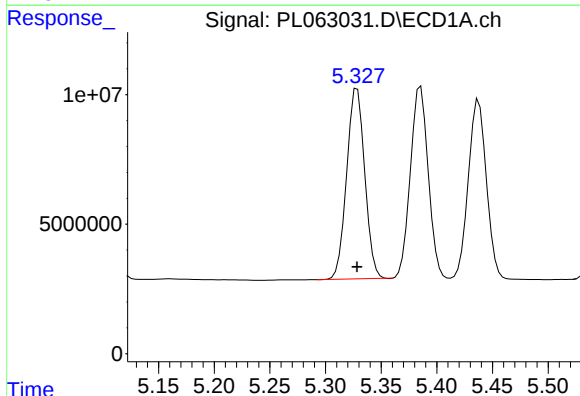
R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 78128905  
Conc: 46.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



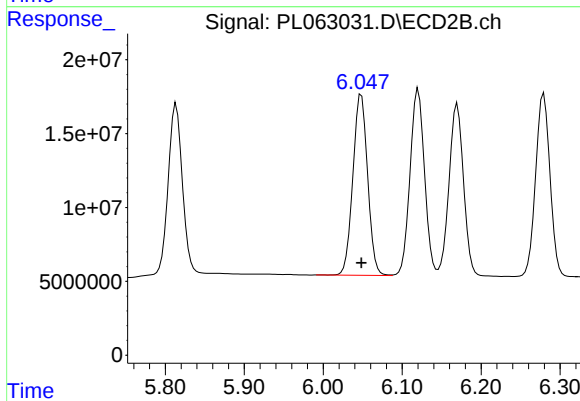
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 149024460  
Conc: 47.25 ng/ml



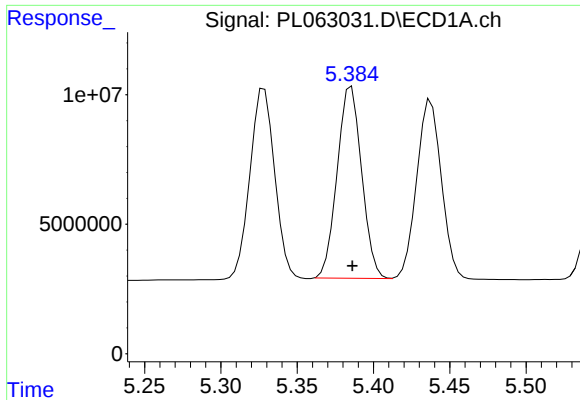
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 82980937  
Conc: 46.06 ng/ml



#10 gamma-Chlordane

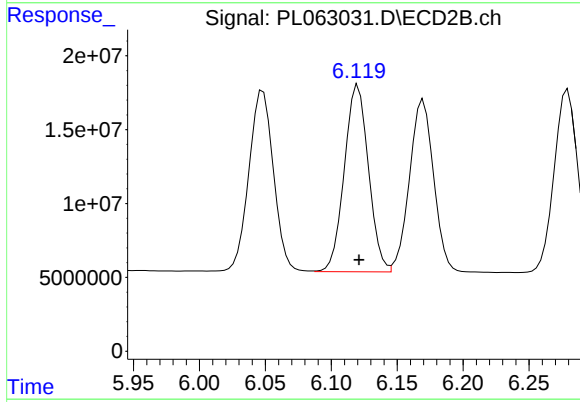
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 159134482  
Conc: 47.27 ng/ml



#11 alpha-Chlordane

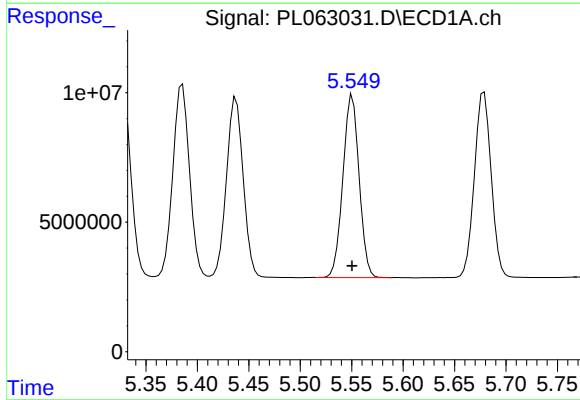
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 82762150  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



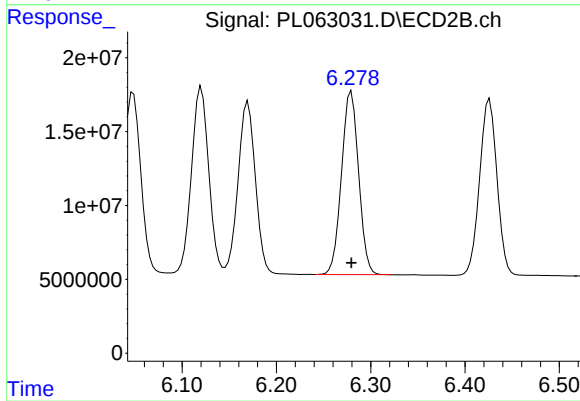
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 160990846  
Conc: 47.79 ng/ml



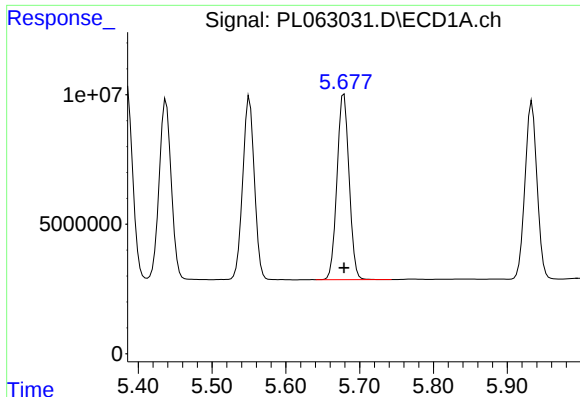
#12 4,4'-DDE

R.T.: 5.551 min  
Delta R.T.: 0.000 min  
Response: 77246209  
Conc: 46.69 ng/ml



#12 4,4'-DDE

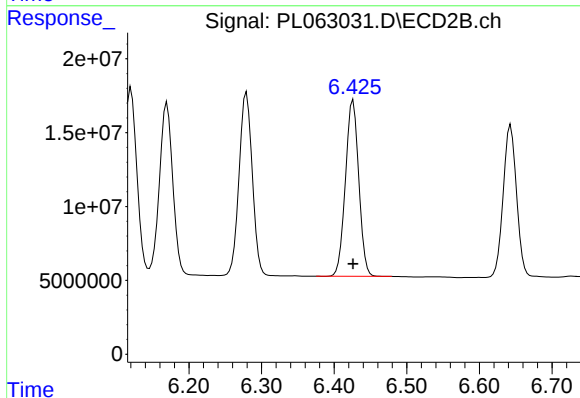
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 156490499  
Conc: 48.57 ng/ml



#13 Dieldrin

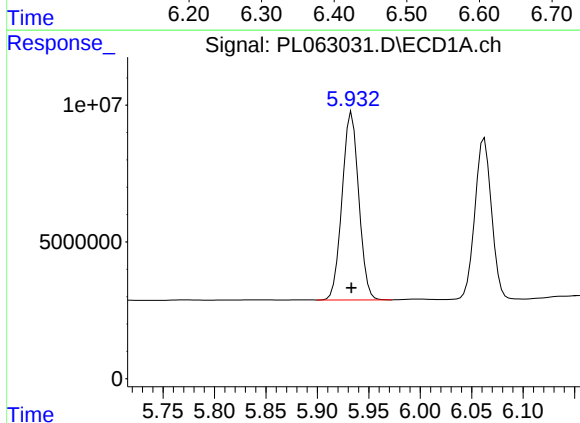
R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 81620963  
Conc: 46.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



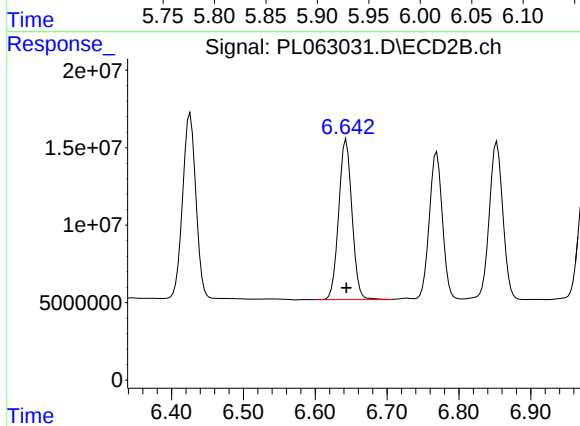
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 152665730  
Conc: 47.70 ng/ml



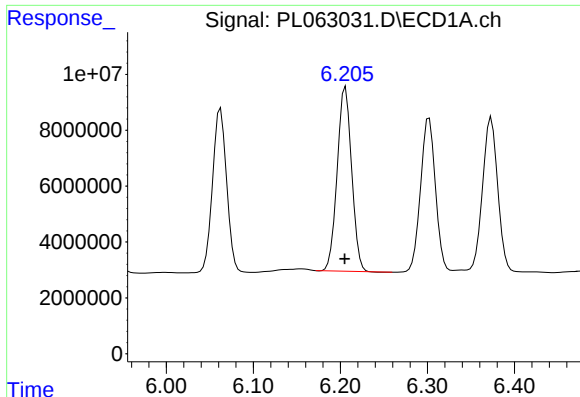
#14 Endrin

R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 77438756  
Conc: 46.54 ng/ml



#14 Endrin

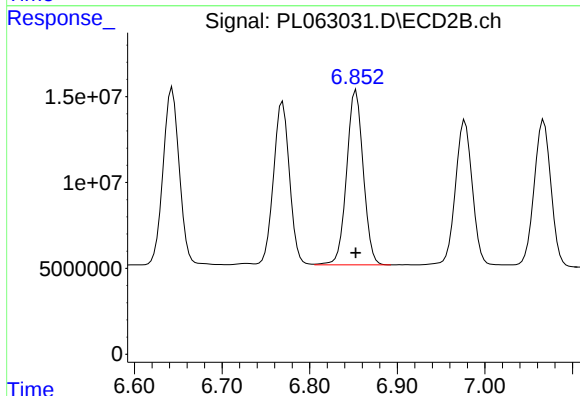
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 132602015  
Conc: 47.51 ng/ml



#15 Endosulfan II

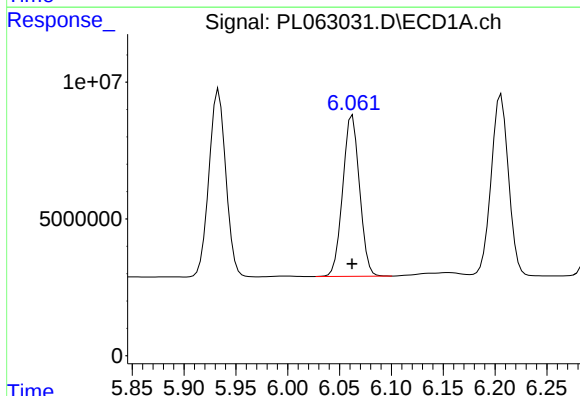
R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 76011034  
Conc: 46.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



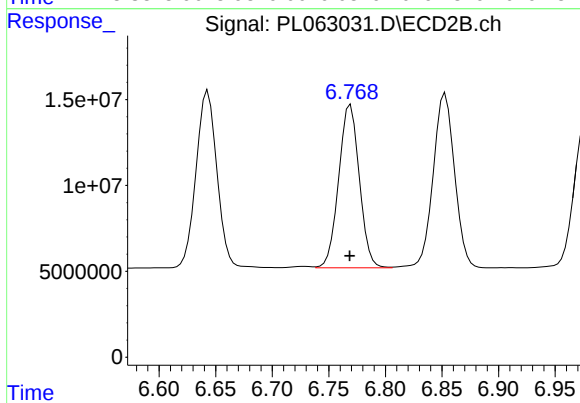
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 133899360  
Conc: 46.84 ng/ml



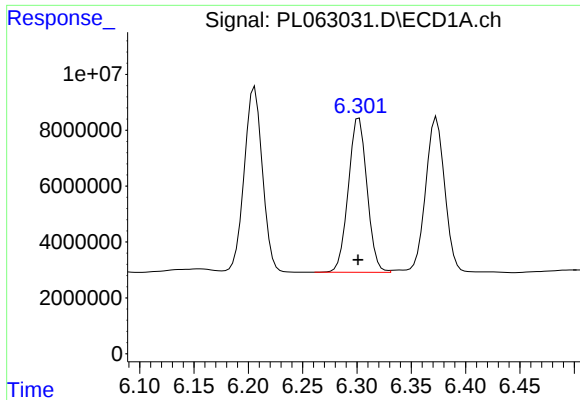
#16 4,4'-DDD

R.T.: 6.062 min  
Delta R.T.: 0.000 min  
Response: 66308509  
Conc: 46.88 ng/ml



#16 4,4'-DDD

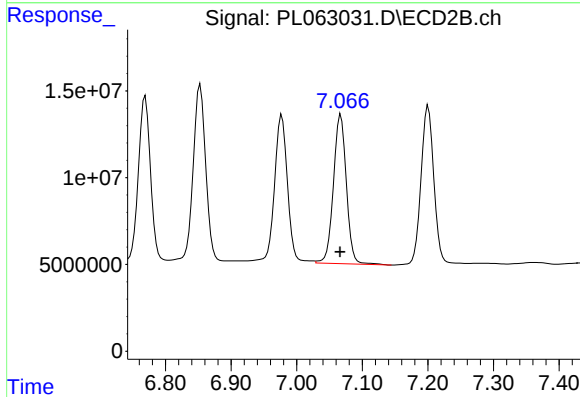
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 120570424  
Conc: 47.10 ng/ml



#17 4,4'-DDT

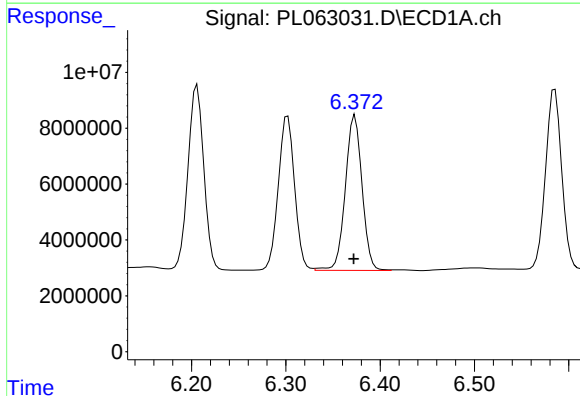
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 66205432  
Conc: 49.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



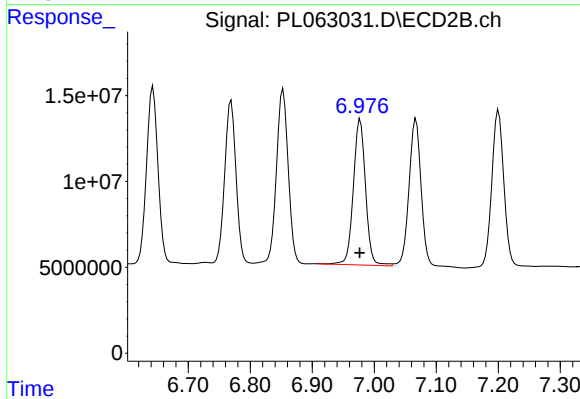
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.001 min  
Response: 118214286  
Conc: 52.65 ng/ml



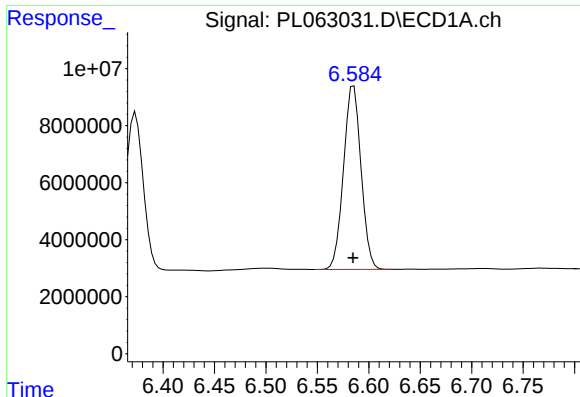
#18 Endrin aldehyde

R.T.: 6.373 min  
Delta R.T.: 0.001 min  
Response: 68513238  
Conc: 47.18 ng/ml



#18 Endrin aldehyde

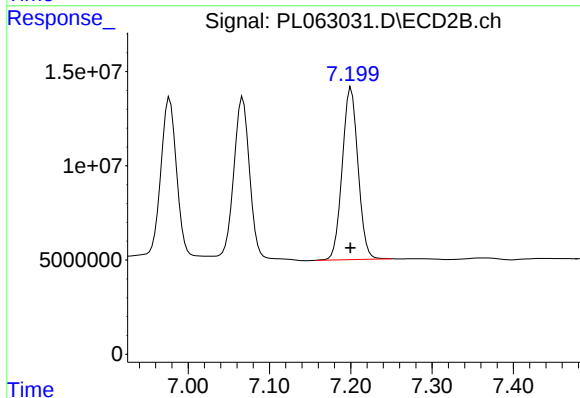
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 116002057  
Conc: 50.86 ng/ml



#19 Endosulfan Sulfate

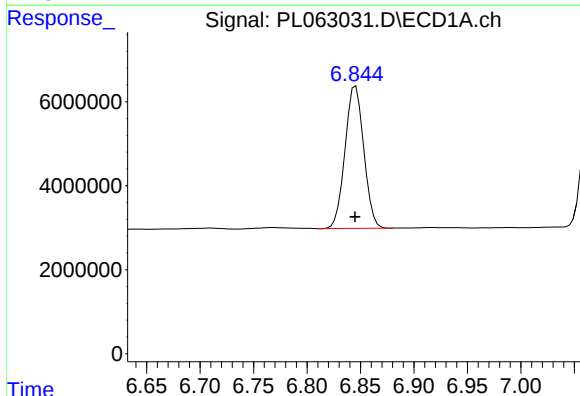
R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 76328398  
Conc: 46.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



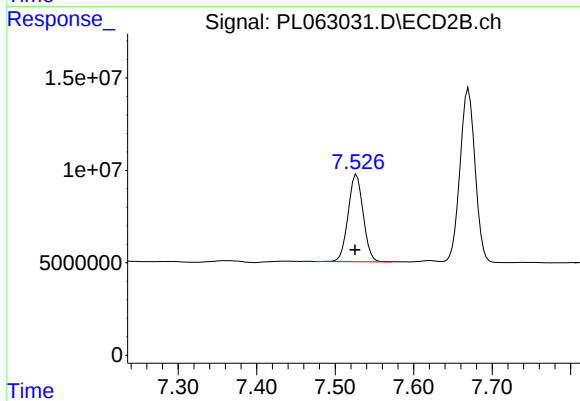
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.001 min  
Response: 122872659  
Conc: 51.21 ng/ml



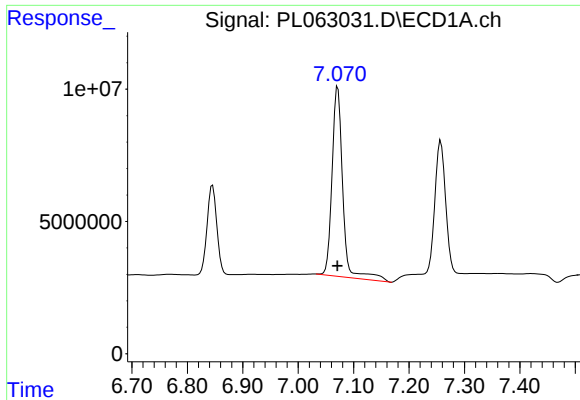
#20 Methoxychlor

R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 41368683  
Conc: 48.03 ng/ml



#20 Methoxychlor

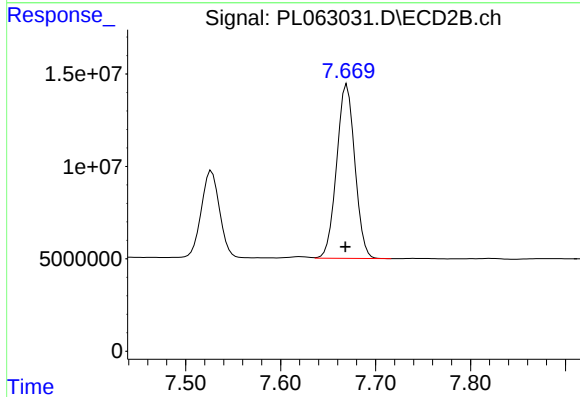
R.T.: 7.527 min  
Delta R.T.: 0.002 min  
Response: 63012006  
Conc: 51.00 ng/ml



#21 Endrin ketone

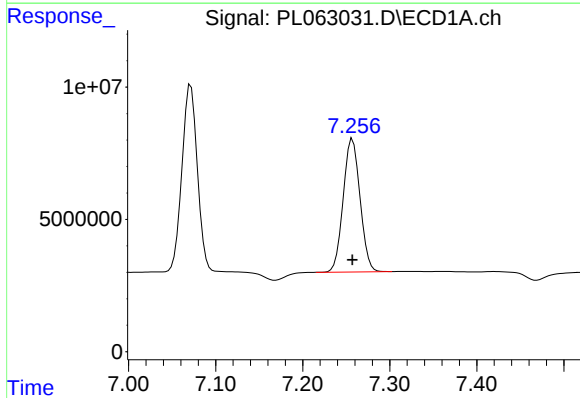
R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 97299009  
Conc: 53.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



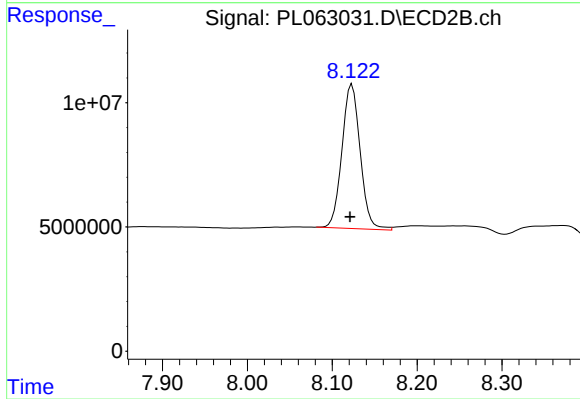
#21 Endrin ketone

R.T.: 7.670 min  
Delta R.T.: 0.002 min  
Response: 125581856  
Conc: 52.99 ng/ml



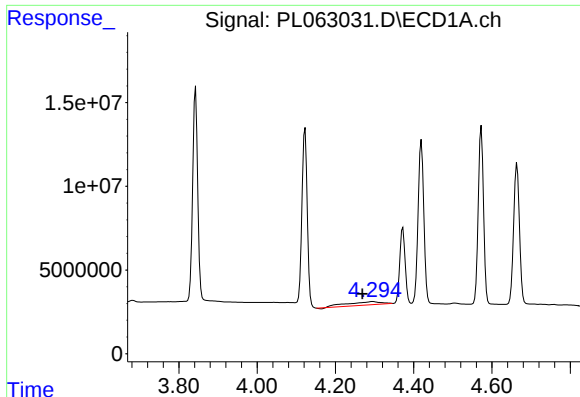
#22 Mirex

R.T.: 7.257 min  
Delta R.T.: 0.000 min  
Response: 67641066  
Conc: 47.71 ng/ml



#22 Mirex

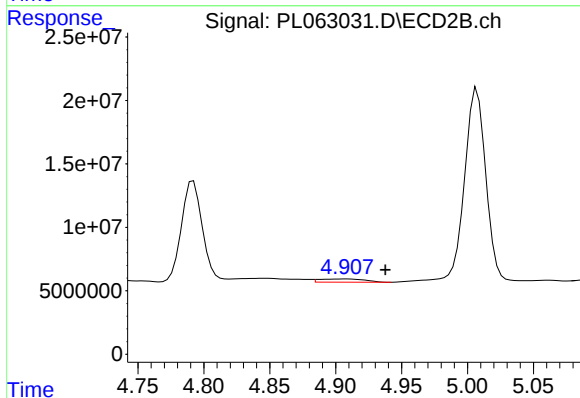
R.T.: 8.123 min  
Delta R.T.: 0.002 min  
Response: 86584575  
Conc: 50.81 ng/ml



#23 Chlordane-1

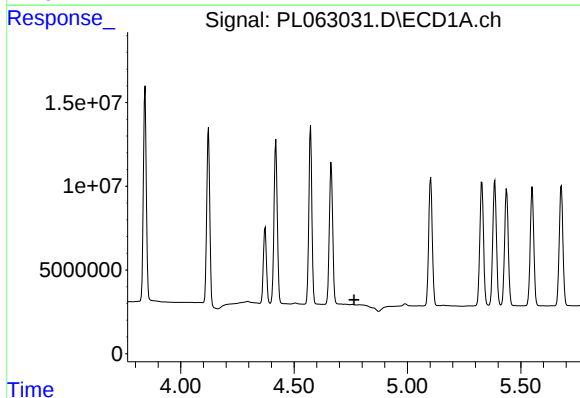
R.T.: 4.295 min  
Delta R.T.: 0.026 min  
Response: 12212437  
Conc: 236.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



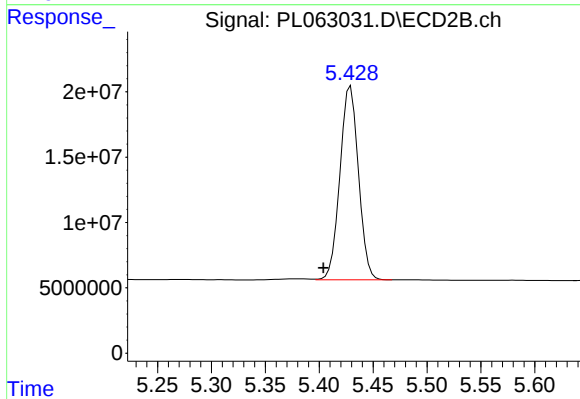
#23 Chlordane-1

R.T.: 4.908 min  
Delta R.T.: -0.030 min  
Response: 5987822  
Conc: 59.65 ng/ml



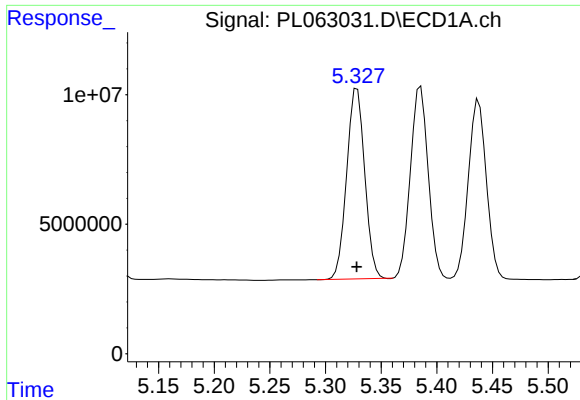
#24 Chlordane-2

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



#24 Chlordane-2

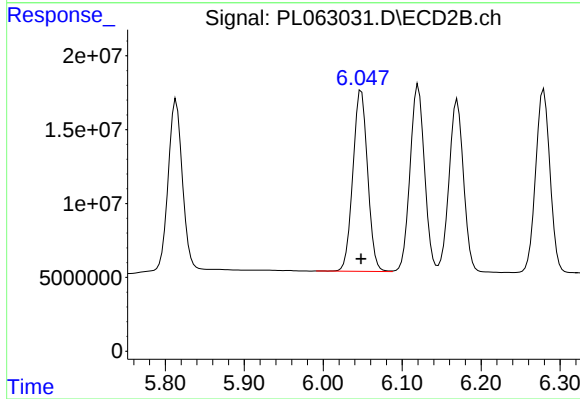
R.T.: 5.429 min  
Delta R.T.: 0.025 min  
Response: 177397027  
Conc: 1626.96 ng/ml



#25 Chlordane-3

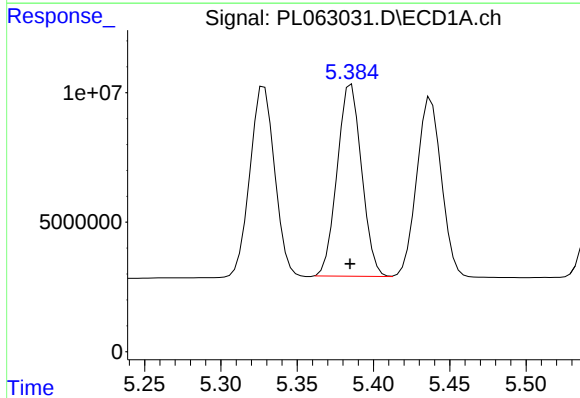
R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 82980937  
Conc: 541.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



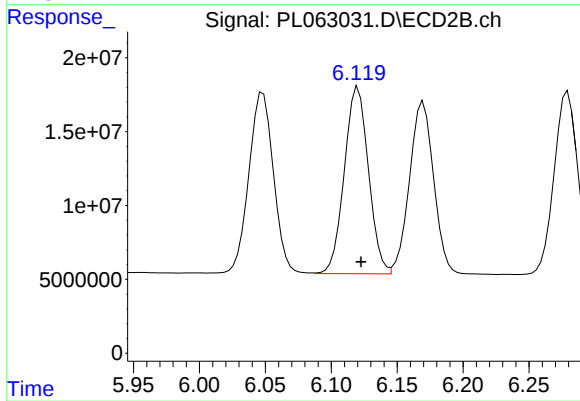
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 159134482  
Conc: 393.95 ng/ml



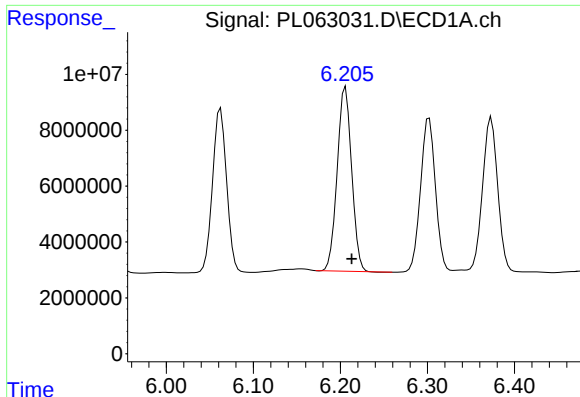
#26 Chlordane-4

R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 82762150  
Conc: 635.36 ng/ml



#26 Chlordane-4

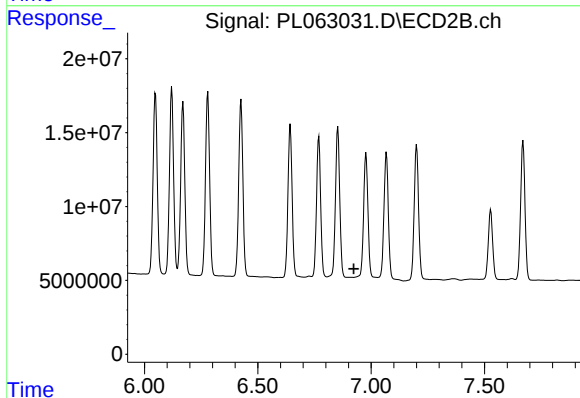
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 160990846  
Conc: 332.43 ng/ml



#27 Chlordane-5

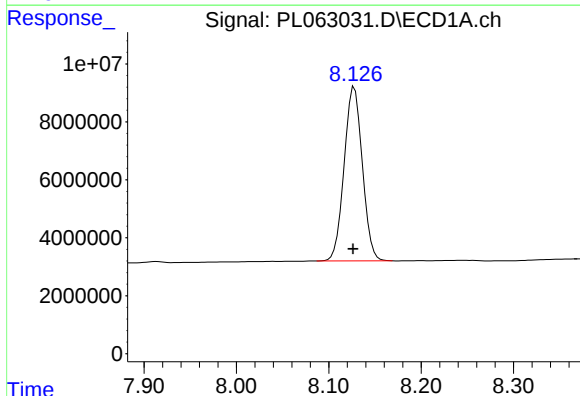
R.T.: 6.206 min  
Delta R.T.: -0.007 min  
Response: 76011034  
Conc: 1575.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



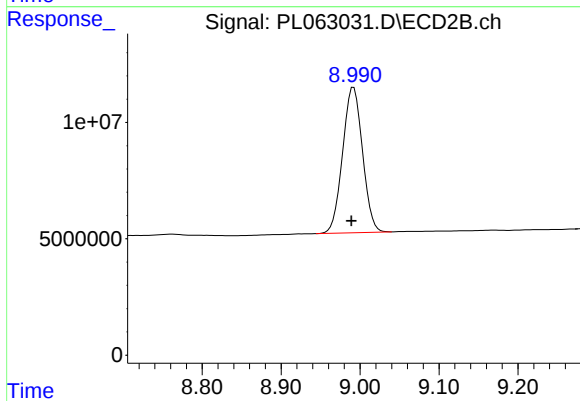
#27 Chlordane-5

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: 82215858  
Conc: 51.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.992 min  
Delta R.T.: 0.003 min  
Response: 109595584  
Conc: 52.36 ng/ml