

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022123\  
 Data File : PL081063.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2023 10:03  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 22 03:40:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 20 18:06:39 2023  
 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... | 3.357  | 2.684  | 114.2E6  | 137.9E6  | 48.972  | 59.925   |
| 28)                         | SA Decachlor... | 8.798  | 7.834  | 93497619 | 111.2E6  | 47.822  | 47.474   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.821f | 3.172f | 3222720  | 156300   | 0.914   | 0.047 #  |
| 3)                          | MA gamma-BHC... | 4.157f | 3.521  | 1217054  | 124633   | 0.370   | 0.040 #  |
| 4)                          | MA Heptachlor   | 4.719  | 3.855  | 77502455 | 61227836 | 23.567  | 18.675   |
| 5)                          | MB Aldrin       | 5.032f | 4.153f | 53397152 | 4955900  | 17.750  | 1.612 #  |
| 7)                          | B delta-BHC     | 4.577  | 4.038  | -569055  | 5158009  | N.D.    | 1.707    |
| 8)                          | B Heptachlo...  | 5.467  | 0.000  | 33465365 | 0        | 12.018  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 4.997  | 0        | 10744198 | N.D.    | 4.031 #  |
| 10)                         | B gamma-Chl...  | 5.738  | 4.889  | 199.7E6  | 133.5E6  | 71.489  | 45.849 # |
| 11)                         | B alpha-Chl...  | 5.820  | 4.952  | 242.3E6  | 133.3E6  | 87.309  | 45.670 # |
| 12)                         | B 4,4'-DDE      | 5.973f | 5.174f | 1243182  | 104307   | 0.502   | 0.044 #  |
| 13)                         | MA Dieldrin     | 6.140  | 5.252f | 11518025 | 5300552  | 4.349   | 1.924 #  |
| 14)                         | MA Endrin       | 6.388f | 5.555  | 3517460  | 8452815  | 1.486   | 3.419 #  |
| 15)                         | B Endosulfa...  | 6.569  | 5.847  | 5298130  | 41478337 | 2.387   | 18.344 # |
| 16)                         | A 4,4'-DDD      | 6.520f | 5.710  | 8746310  | 146585   | 4.324   | 0.077 #  |
| 17)                         | MA 4,4'-DDT     | 6.813  | 5.946  | 1478840  | -354776  | 0.655   | N.D. #   |
| 18)                         | B Endrin al...  | 6.717  | 6.031  | 3360833  | 706563   | 1.848   | 0.383 #  |
| 19)                         | B Endosulfa...  | 6.947  | 6.249  | 414585   | 1448499  | 0.180   | 0.611 #  |
| 20)                         | A Methoxychlor  | 7.277f | 6.517  | 1015114  | 304448   | 0.827   | 0.254 #  |
| 21)                         | B Endrin ke...  | 7.450f | 6.734f | 1222824  | 317571   | 0.513   | 0.121 #  |
| 23)                         | Chlordane-1     | 4.505  | 3.681  | 46632310 | 40190265 | 513.669 | 492.967  |
| 24)                         | Chlordane-2     | 5.032  | 4.259  | 53397152 | 44354931 | 525.064 | 487.970  |
| 25)                         | Chlordane-3     | 5.738  | 4.889  | 199.7E6  | 133.5E6  | 525.442 | 508.125  |
| 26)                         | Chlordane-4     | 5.820  | 4.952  | 242.3E6  | 133.3E6  | 522.797 | 496.943  |
| 27)                         | Chlordane-5     | 6.662  | 5.619  | 41463776 | 37192582 | 536.296 | 483.006  |
| -----                       |                 |        |        |          |          |         |          |

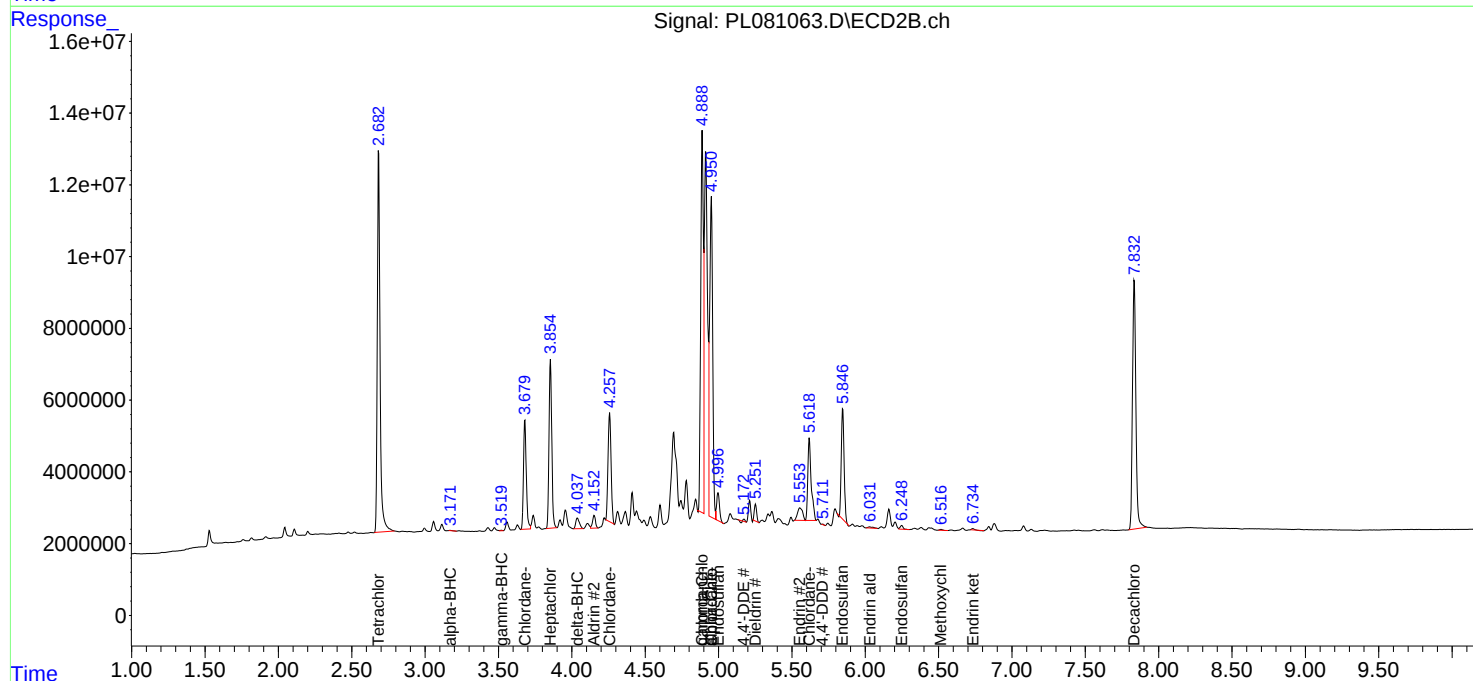
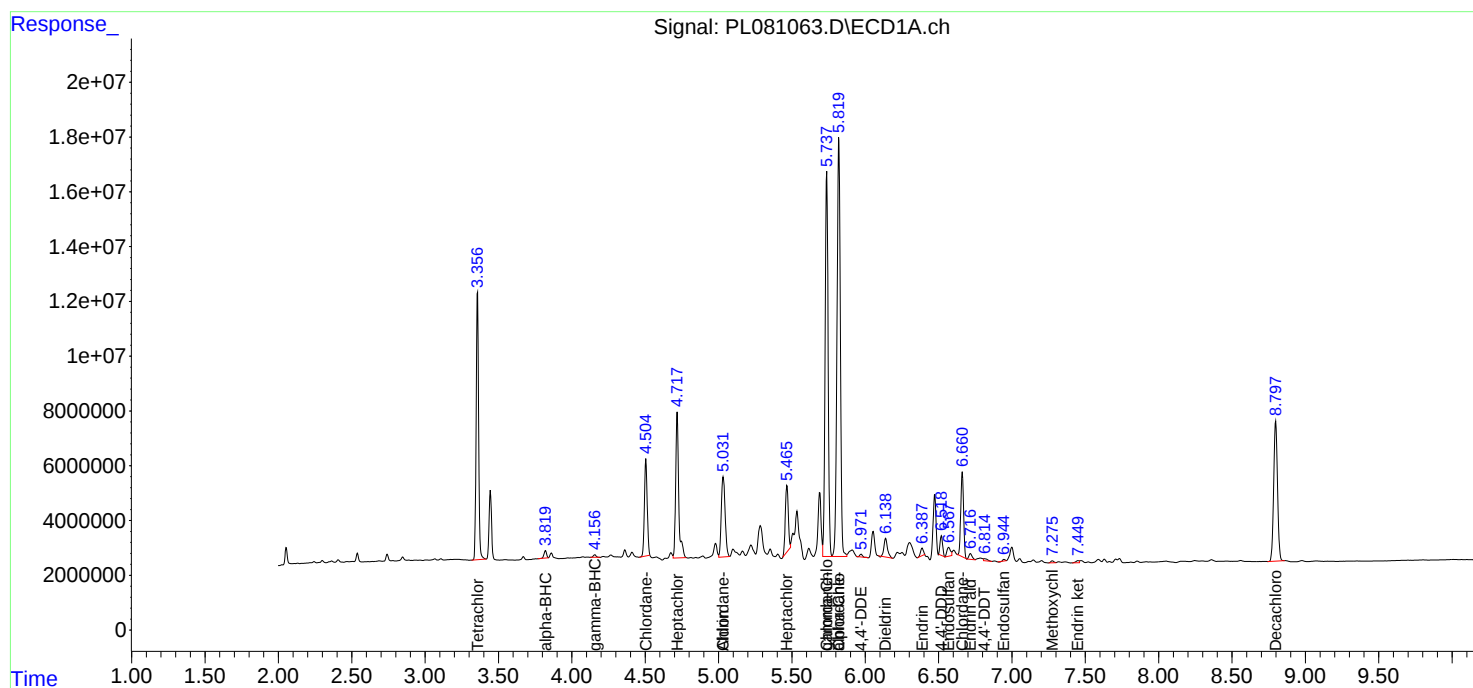
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

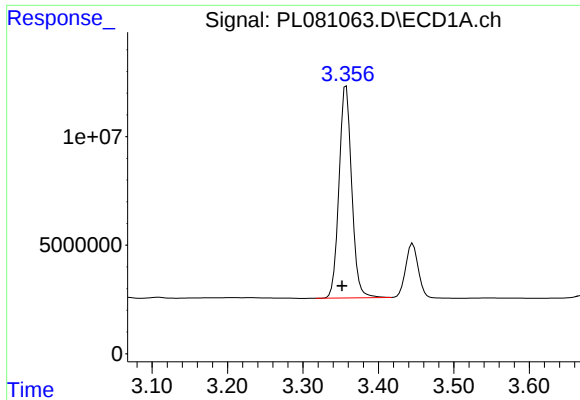
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022123\  
Data File : PL081063.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2023 10:03  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 03:40:34 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 20 18:06:39 2023  
Response via : Initial Calibration  
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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

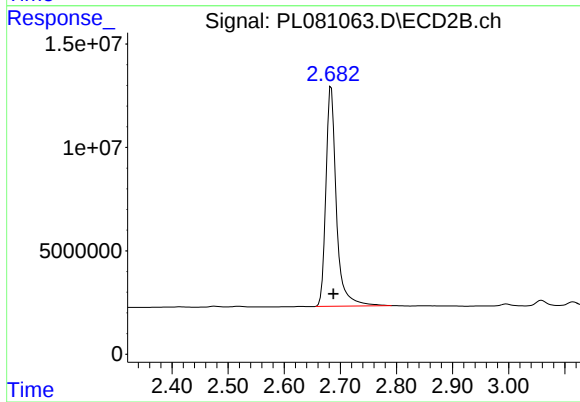




#1 Tetrachloro-m-xylene

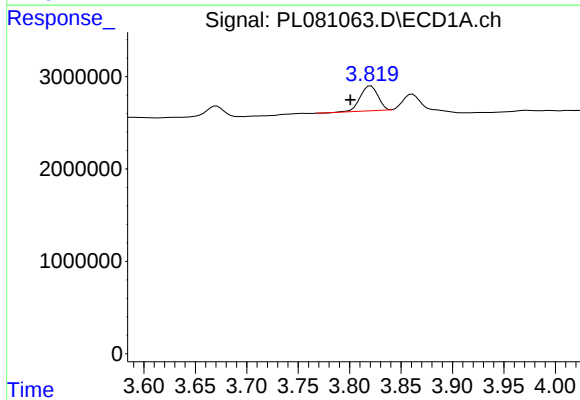
R.T.: 3.357 min  
Delta R.T.: 0.005 min  
Response: 114154646  
Conc: 48.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



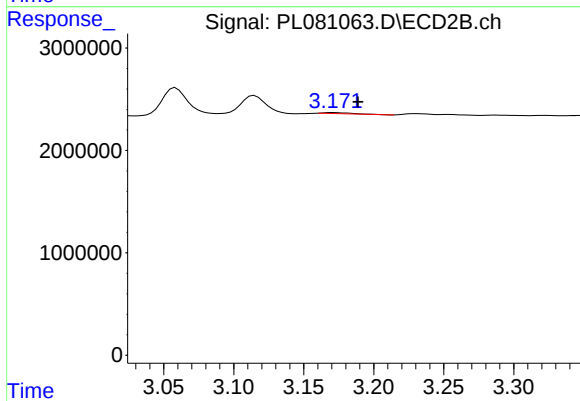
#1 Tetrachloro-m-xylene

R.T.: 2.684 min  
Delta R.T.: -0.004 min  
Response: 137898180  
Conc: 59.93 ng/ml



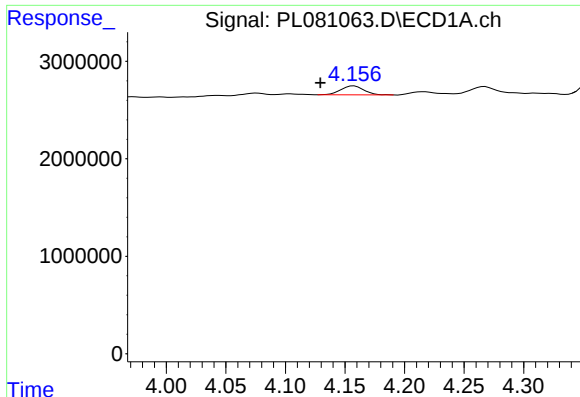
#2 alpha-BHC

R.T.: 3.821 min  
Delta R.T.: 0.020 min  
Response: 3222720  
Conc: 0.91 ng/ml



#2 alpha-BHC

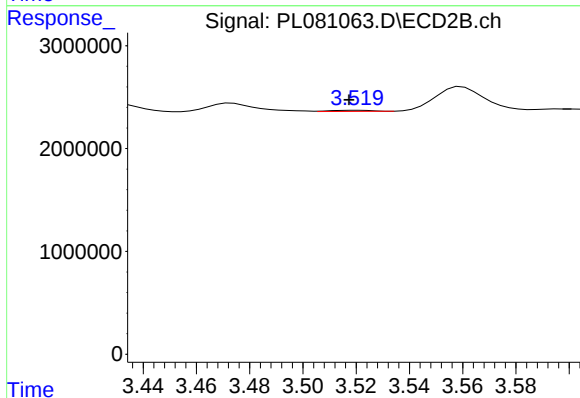
R.T.: 3.172 min  
Delta R.T.: -0.017 min  
Response: 156300  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

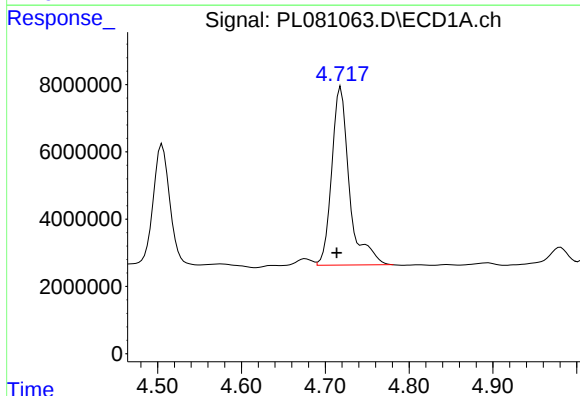
R.T.: 4.157 min  
Delta R.T.: 0.028 min  
Response: 1217054  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



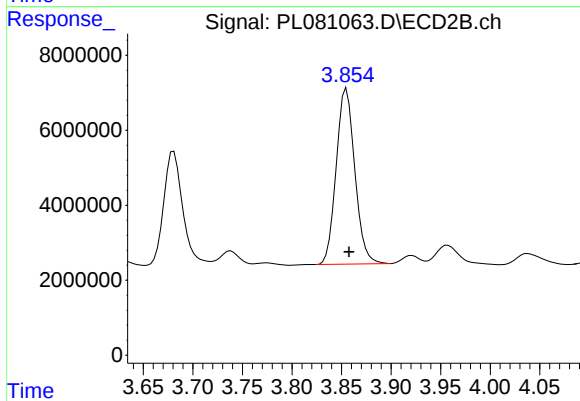
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: 0.004 min  
Response: 124633  
Conc: 0.04 ng/ml



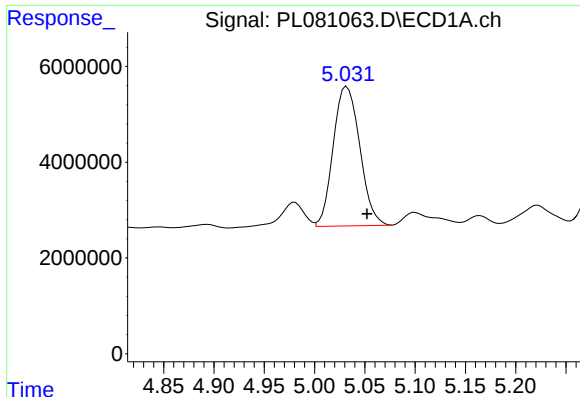
#4 Heptachlor

R.T.: 4.719 min  
Delta R.T.: 0.005 min  
Response: 77502455  
Conc: 23.57 ng/ml



#4 Heptachlor

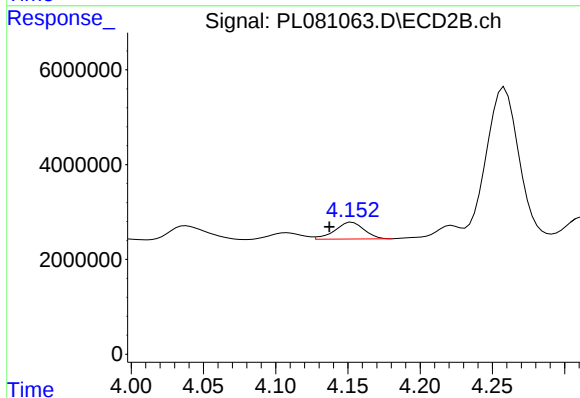
R.T.: 3.855 min  
Delta R.T.: -0.003 min  
Response: 61227836  
Conc: 18.68 ng/ml



#5 Aldrin

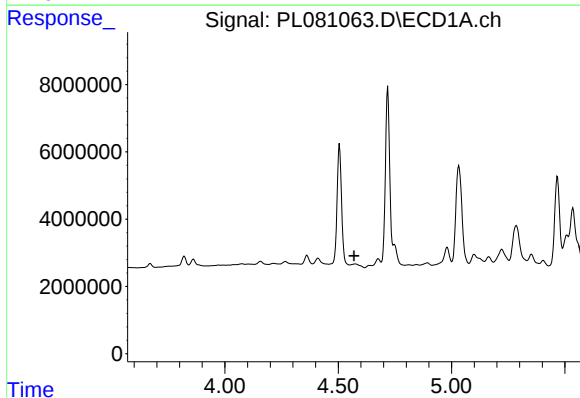
R.T.: 5.032 min  
Delta R.T.: -0.020 min  
Response: 53397152  
Conc: 17.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



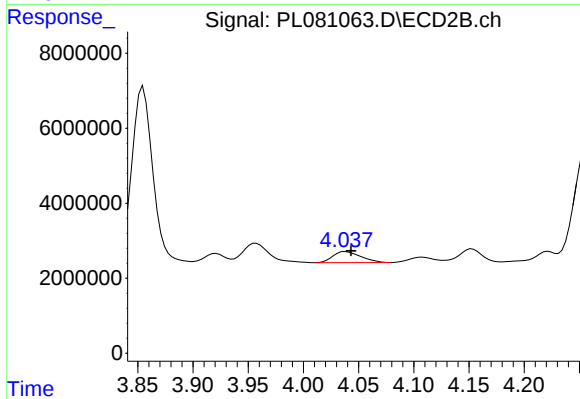
#5 Aldrin

R.T.: 4.153 min  
Delta R.T.: 0.016 min  
Response: 4955900  
Conc: 1.61 ng/ml



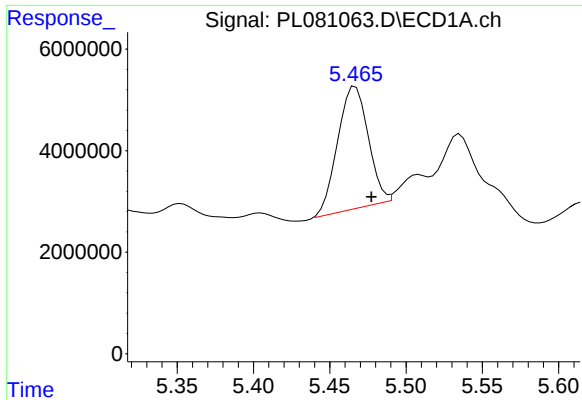
#7 delta-BHC

R.T.: 4.577 min  
Delta R.T.: 0.007 min  
Response: -569055  
Conc: N.D.



#7 delta-BHC

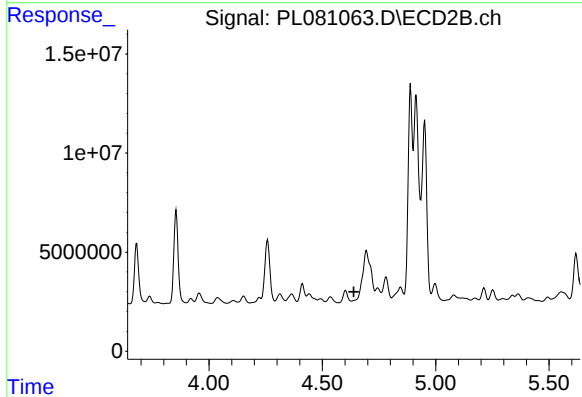
R.T.: 4.038 min  
Delta R.T.: -0.005 min  
Response: 5158009  
Conc: 1.71 ng/ml



#8 Heptachlor epoxide

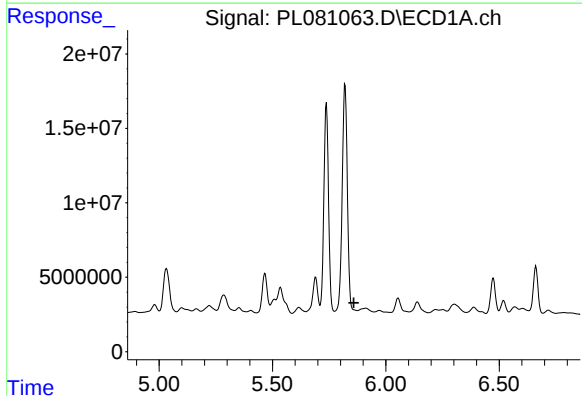
R.T.: 5.467 min  
Delta R.T.: -0.010 min  
Response: 33465365  
Conc: 12.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



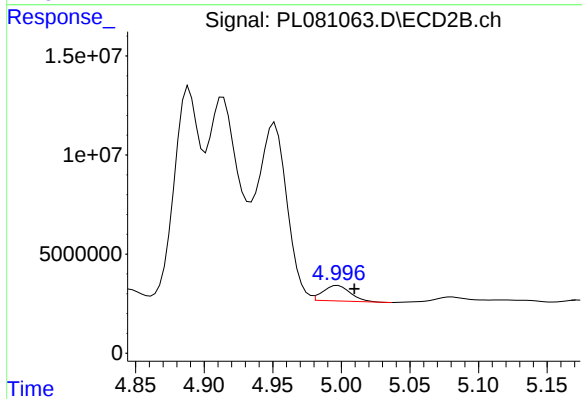
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.639 min  
Response: 0  
Conc: N.D.



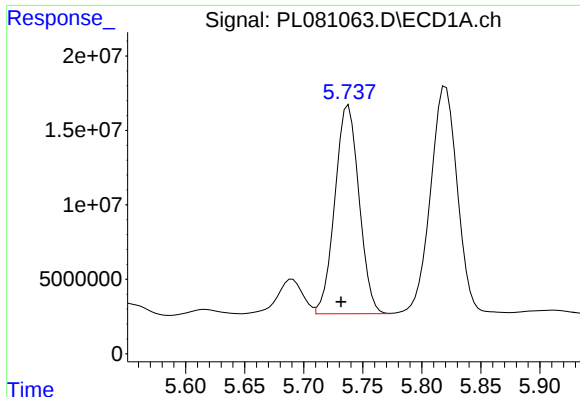
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.859 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

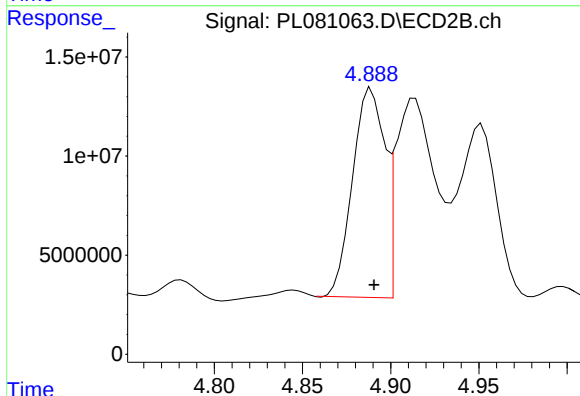
R.T.: 4.997 min  
Delta R.T.: -0.012 min  
Response: 10744198  
Conc: 4.03 ng/ml



#10 gamma-Chlordane

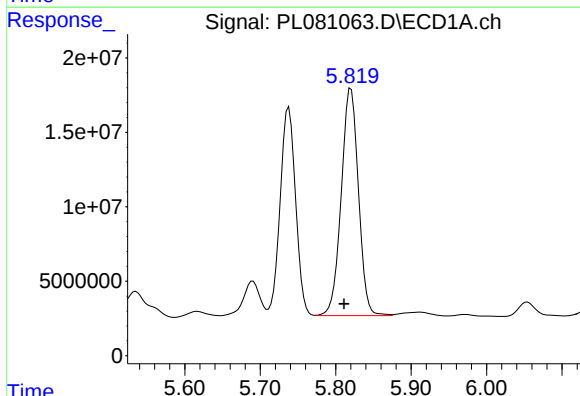
R.T.: 5.738 min  
Delta R.T.: 0.006 min  
Response: 199697104  
Conc: 71.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



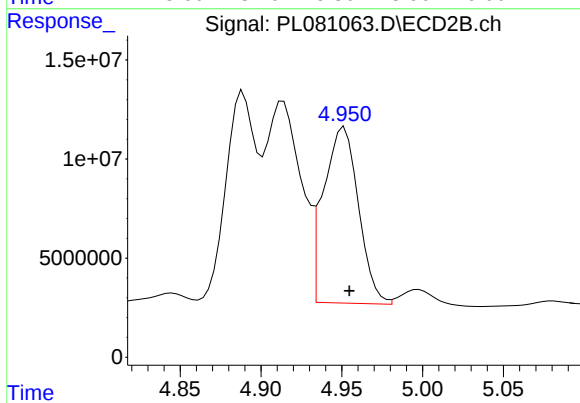
#10 gamma-Chlordane

R.T.: 4.889 min  
Delta R.T.: -0.002 min  
Response: 133521645  
Conc: 45.85 ng/ml



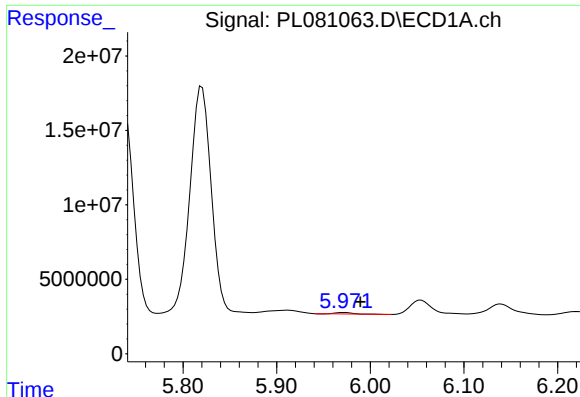
#11 alpha-Chlordane

R.T.: 5.820 min  
Delta R.T.: 0.009 min  
Response: 242253822  
Conc: 87.31 ng/ml



#11 alpha-Chlordane

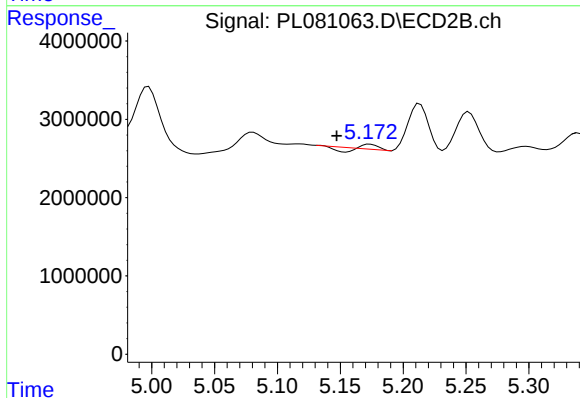
R.T.: 4.952 min  
Delta R.T.: -0.003 min  
Response: 133337145  
Conc: 45.67 ng/ml



#12 4,4'-DDE

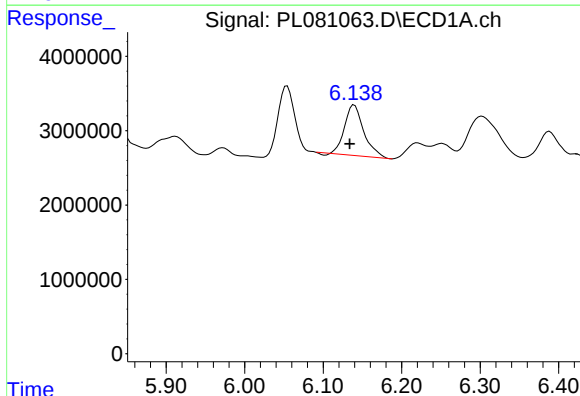
R.T.: 5.973 min  
Delta R.T.: -0.017 min  
Response: 1243182  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



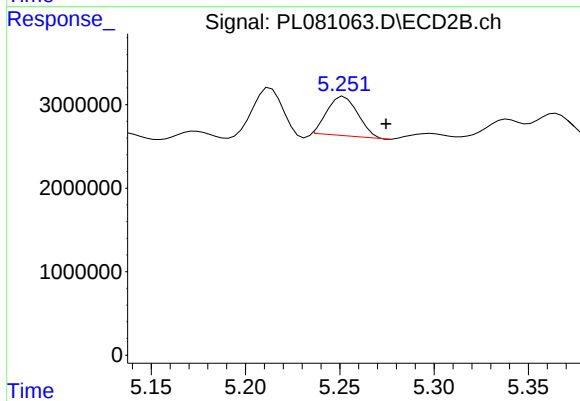
#12 4,4'-DDE

R.T.: 5.174 min  
Delta R.T.: 0.026 min  
Response: 104307  
Conc: 0.04 ng/ml



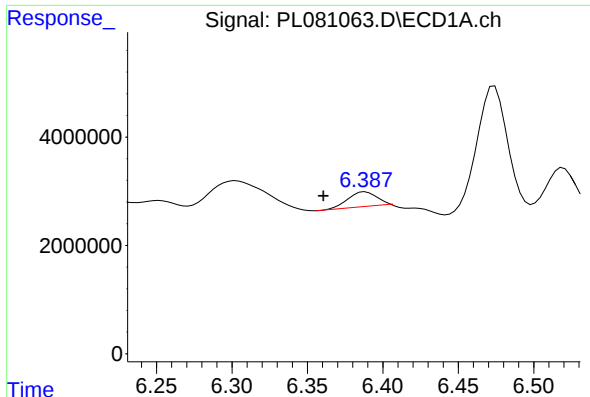
#13 Dieldrin

R.T.: 6.140 min  
Delta R.T.: 0.006 min  
Response: 11518025  
Conc: 4.35 ng/ml



#13 Dieldrin

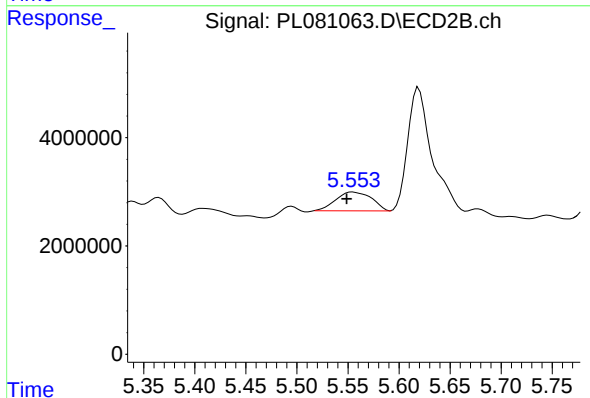
R.T.: 5.252 min  
Delta R.T.: -0.022 min  
Response: 5300552  
Conc: 1.92 ng/ml



#14 Endrin

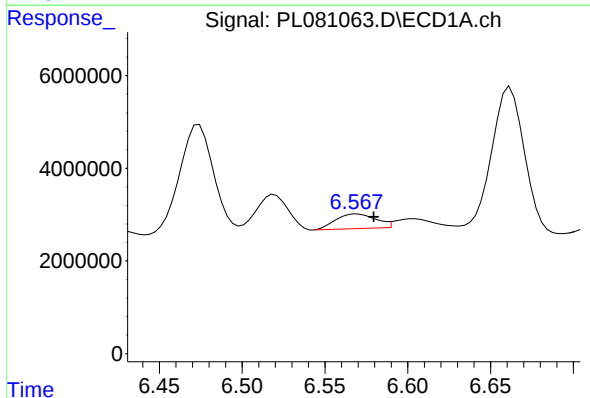
R.T.: 6.388 min  
Delta R.T.: 0.028 min  
Response: 3517460  
Conc: 1.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



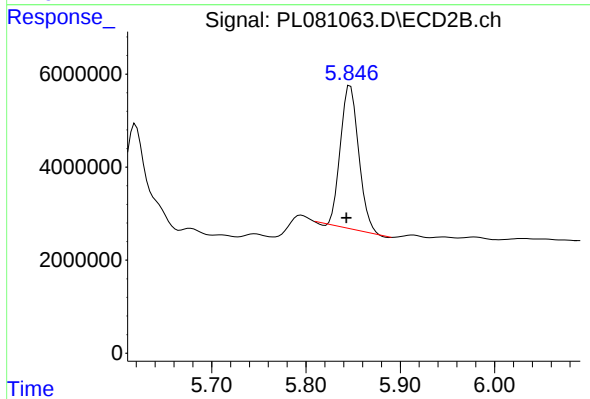
#14 Endrin

R.T.: 5.555 min  
Delta R.T.: 0.006 min  
Response: 8452815  
Conc: 3.42 ng/ml



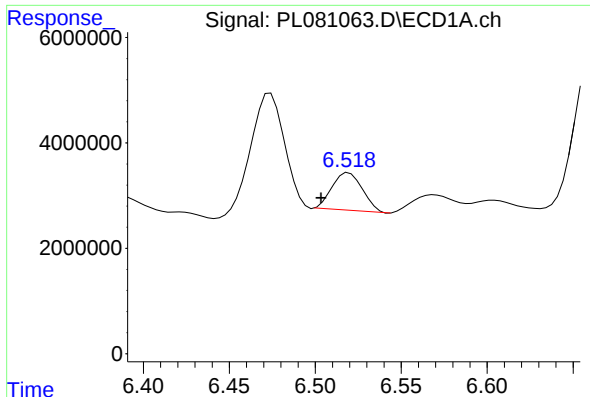
#15 Endosulfan II

R.T.: 6.569 min  
Delta R.T.: -0.010 min  
Response: 5298130  
Conc: 2.39 ng/ml



#15 Endosulfan II

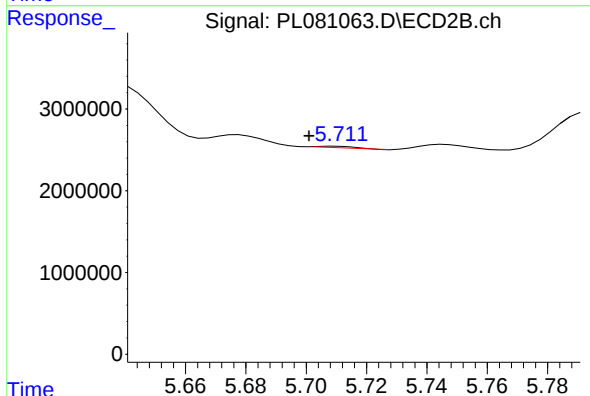
R.T.: 5.847 min  
Delta R.T.: 0.004 min  
Response: 41478337  
Conc: 18.34 ng/ml



#16 4,4'-DDD

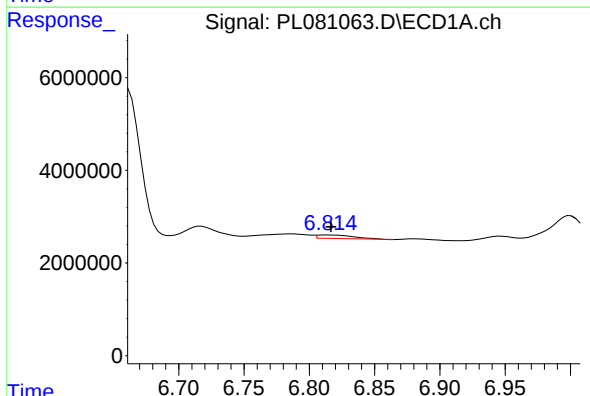
R.T.: 6.520 min  
Delta R.T.: 0.016 min  
Response: 8746310  
Conc: 4.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



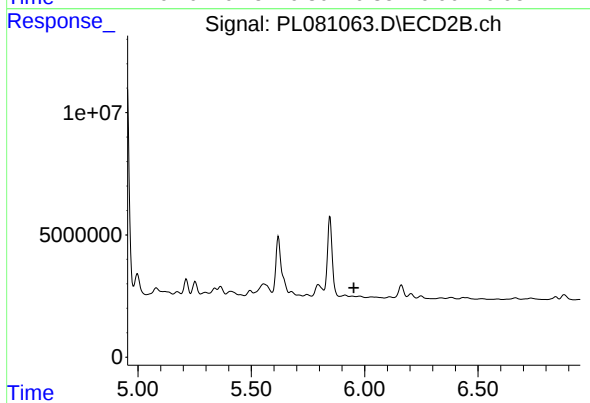
#16 4,4'-DDD

R.T.: 5.710 min  
Delta R.T.: 0.009 min  
Response: 146585  
Conc: 0.08 ng/ml



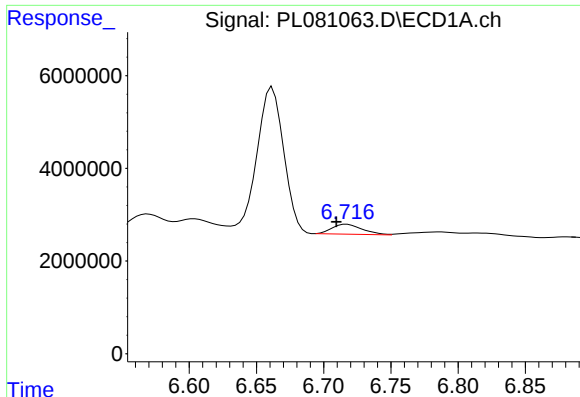
#17 4,4'-DDT

R.T.: 6.813 min  
Delta R.T.: -0.003 min  
Response: 1478840  
Conc: 0.65 ng/ml



#17 4,4'-DDT

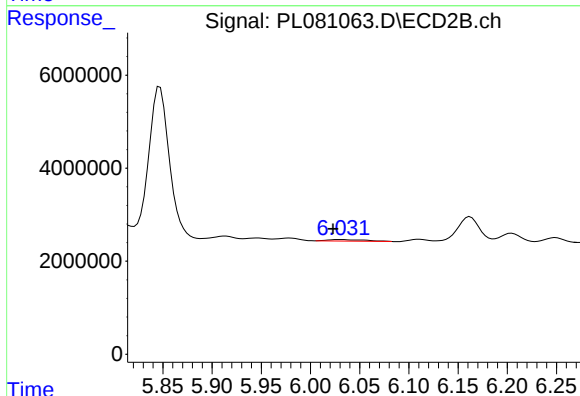
R.T.: 5.946 min  
Delta R.T.: -0.006 min  
Response: -354776  
Conc: N.D.



#18 Endrin aldehyde

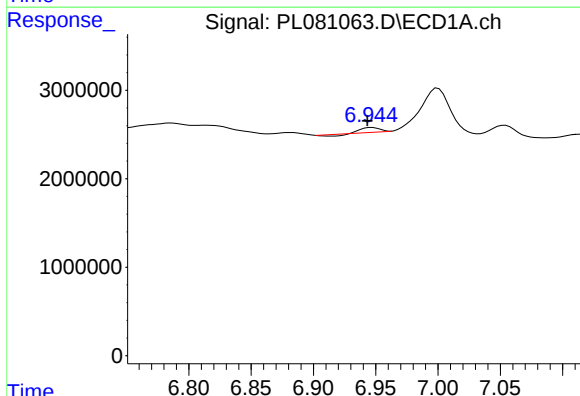
R.T.: 6.717 min  
Delta R.T.: 0.008 min  
Response: 3360833  
Conc: 1.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



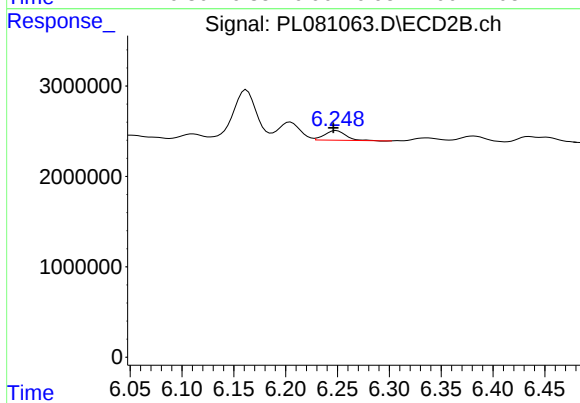
#18 Endrin aldehyde

R.T.: 6.031 min  
Delta R.T.: 0.008 min  
Response: 706563  
Conc: 0.38 ng/ml



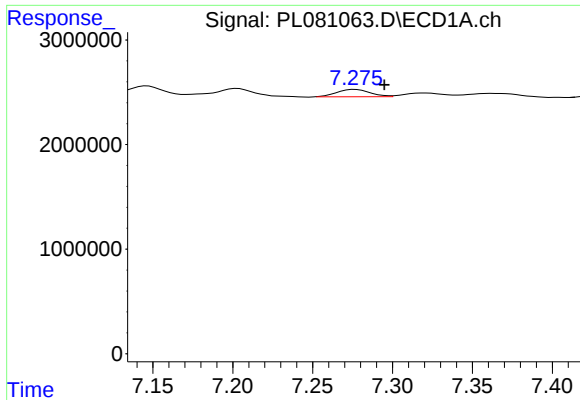
#19 Endosulfan Sulfate

R.T.: 6.947 min  
Delta R.T.: 0.004 min  
Response: 414585  
Conc: 0.18 ng/ml



#19 Endosulfan Sulfate

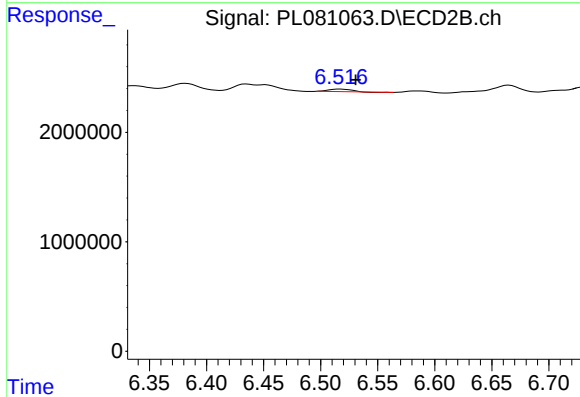
R.T.: 6.249 min  
Delta R.T.: 0.003 min  
Response: 1448499  
Conc: 0.61 ng/ml



#20 Methoxychlor

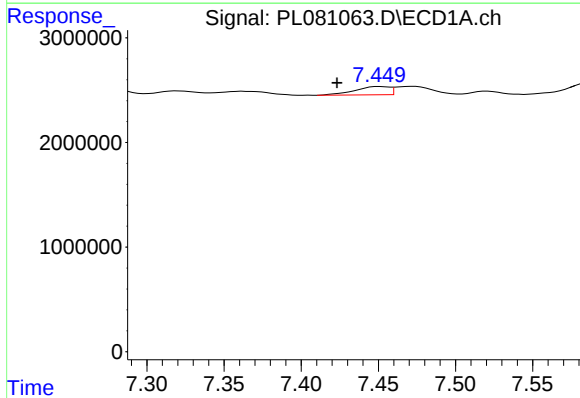
R.T.: 7.277 min  
Delta R.T.: -0.018 min  
Response: 1015114  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



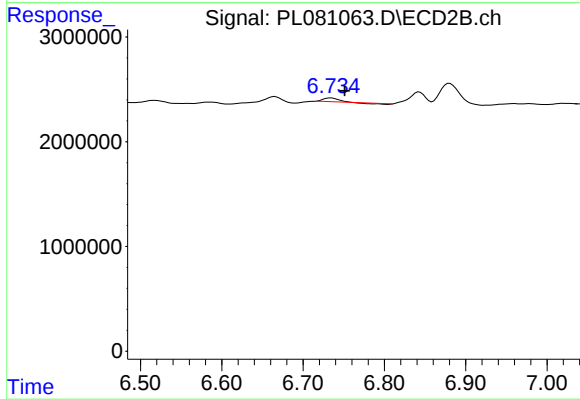
#20 Methoxychlor

R.T.: 6.517 min  
Delta R.T.: -0.013 min  
Response: 304448  
Conc: 0.25 ng/ml



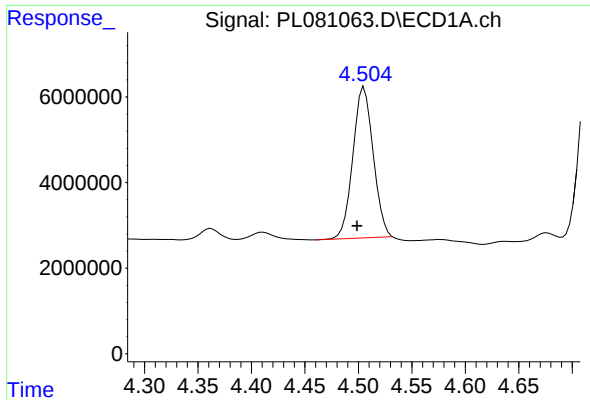
#21 Endrin ketone

R.T.: 7.450 min  
Delta R.T.: 0.027 min  
Response: 1222824  
Conc: 0.51 ng/ml



#21 Endrin ketone

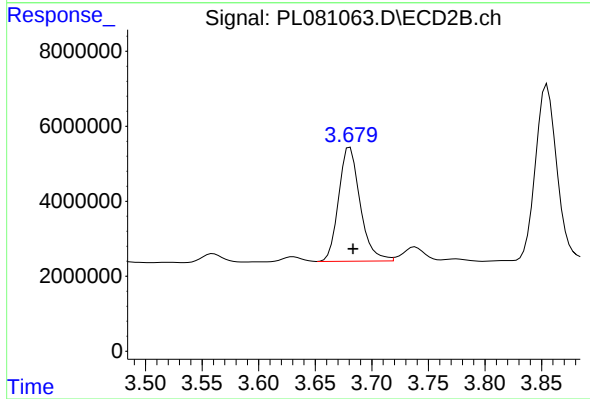
R.T.: 6.734 min  
Delta R.T.: -0.017 min  
Response: 317571  
Conc: 0.12 ng/ml



#23 Chlordane-1

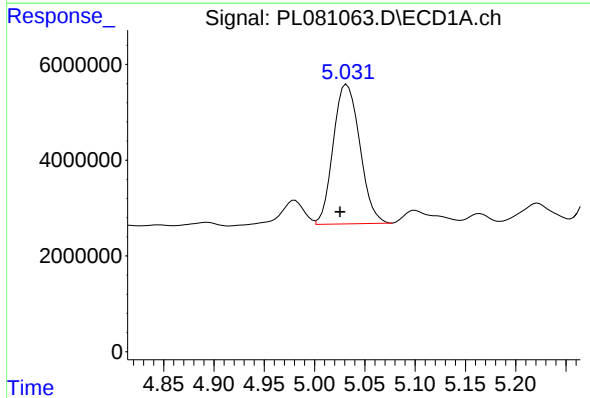
R.T.: 4.505 min  
Delta R.T.: 0.007 min  
Response: 46632310  
Conc: 513.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



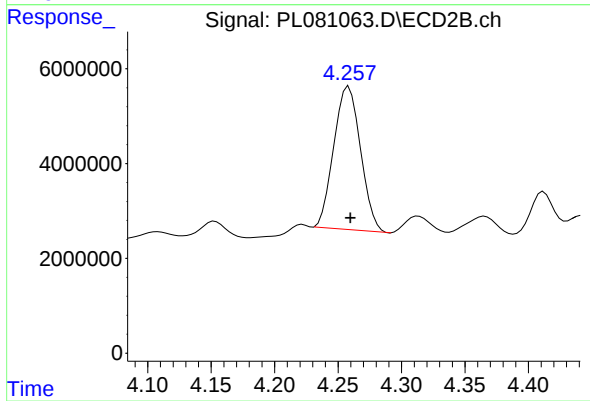
#23 Chlordane-1

R.T.: 3.681 min  
Delta R.T.: -0.003 min  
Response: 40190265  
Conc: 492.97 ng/ml



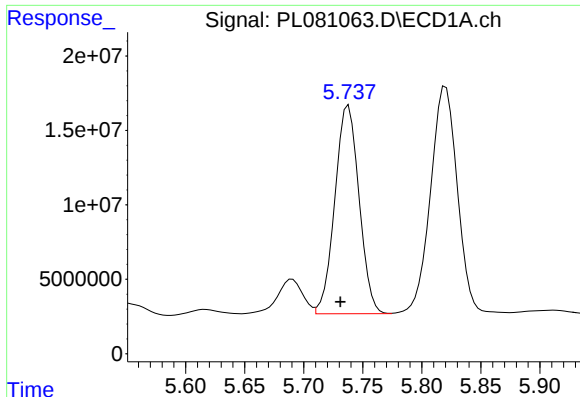
#24 Chlordane-2

R.T.: 5.032 min  
Delta R.T.: 0.007 min  
Response: 53397152  
Conc: 525.06 ng/ml



#24 Chlordane-2

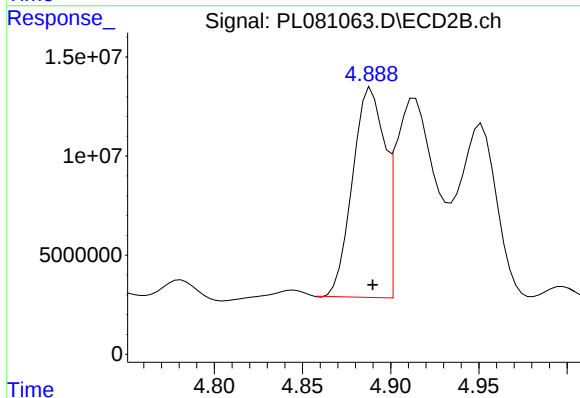
R.T.: 4.259 min  
Delta R.T.: -0.001 min  
Response: 44354931  
Conc: 487.97 ng/ml



#25 Chlordane-3

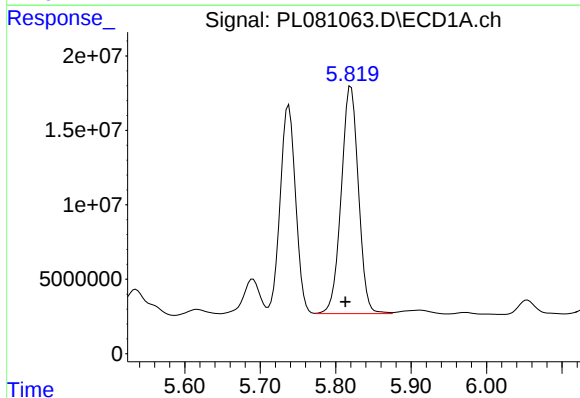
R.T.: 5.738 min  
Delta R.T.: 0.007 min  
Response: 199697104  
Conc: 525.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



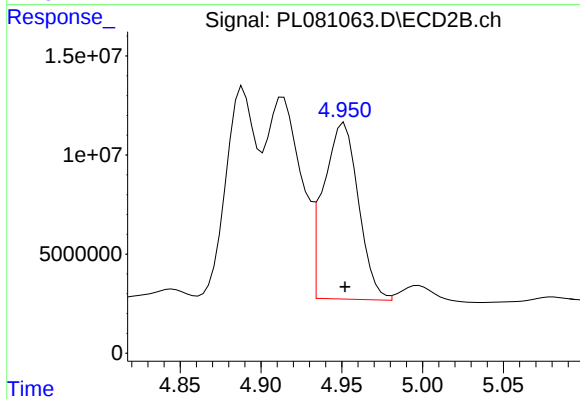
#25 Chlordane-3

R.T.: 4.889 min  
Delta R.T.: 0.000 min  
Response: 133521645  
Conc: 508.12 ng/ml



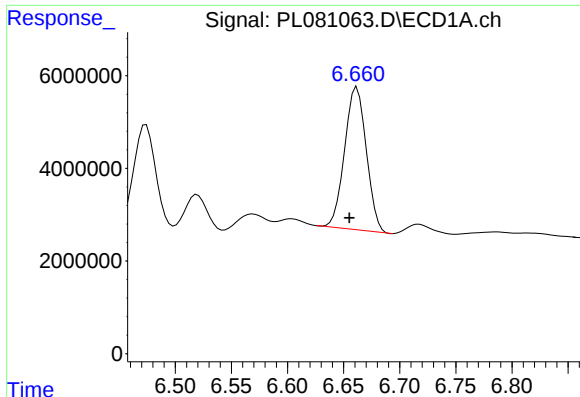
#26 Chlordane-4

R.T.: 5.820 min  
Delta R.T.: 0.007 min  
Response: 242253822  
Conc: 522.80 ng/ml



#26 Chlordane-4

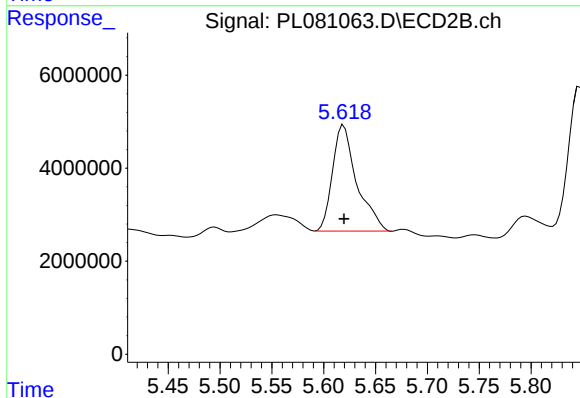
R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 133337145  
Conc: 496.94 ng/ml



#27 Chlordane-5

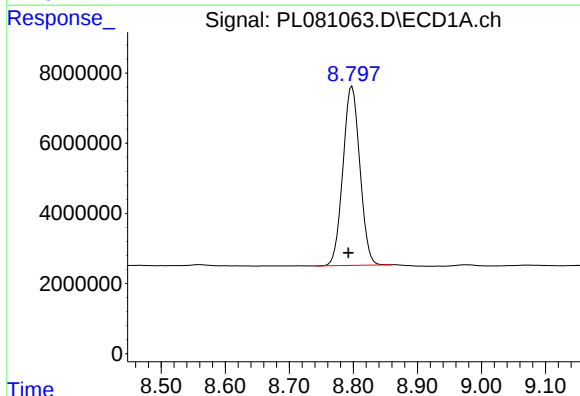
R.T.: 6.662 min  
Delta R.T.: 0.007 min  
Response: 41463776  
Conc: 536.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



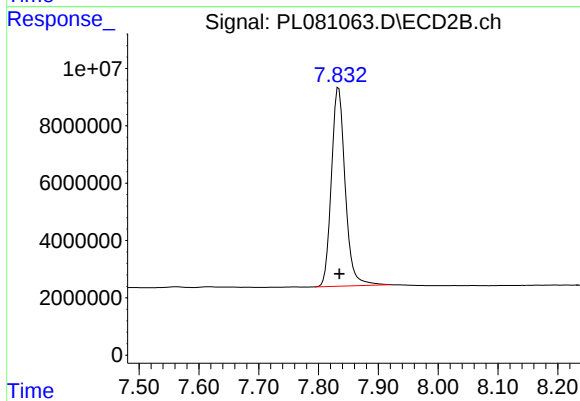
#27 Chlordane-5

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 37192582  
Conc: 483.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.798 min  
Delta R.T.: 0.006 min  
Response: 93497619  
Conc: 47.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.834 min  
Delta R.T.: -0.001 min  
Response: 111215328  
Conc: 47.47 ng/ml