

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121220\  
 Data File : PL063494.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Dec 2020 10:54  
 Operator : DD\AJ  
 Sample : L4982-01MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 11 12:10:01 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 10 15:57:40 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... | 3.408 | 0.000  | 37790022 | 0        | 22.207   | N.D. #     |
| 28)                         | SA Decachlor... | 8.123 | 8.987  | 39526117 | 53555403 | 19.627   | 21.266     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.840 | 4.335  | 130.5E6  | 296.9E6  | 52.073   | 62.716     |
| 3)                          | MA gamma-BHC... | 4.120 | 4.618  | 117.6E6  | 229.9E6  | 51.601   | 51.558     |
| 4)                          | MA Heptachlor   | 4.416 | 5.123  | 113.7E6  | 215.6E6  | 52.968   | 52.506     |
| 5)                          | MB Aldrin       | 4.661 | 5.426  | 101.7E6  | 203.5E6  | 53.316   | 52.586     |
| 6)                          | B beta-BHC      | 4.369 | 4.790  | 51115006 | 100.5E6  | 52.642   | 50.577     |
| 7)                          | B delta-BHC     | 4.570 | 5.004  | 115.3E6  | 199.3E6  | 52.953   | 49.232     |
| 8)                          | B Heptachlo...  | 5.099 | 5.812  | 106.1E6  | 179.7E6  | 57.038   | 49.602     |
| 9)                          | A Endosulfan I  | 5.434 | 6.167  | 81303783 | 193.2E6  | 46.583   | 57.887     |
| 10)                         | B gamma-Chl...  | 5.324 | 6.046  | 95366950 | 165.2E6  | 51.272   | 46.543     |
| 11)                         | B alpha-Chl...  | 5.381 | 6.117  | 107.2E6  | 184.3E6  | 57.651   | 51.995     |
| 12)                         | B 4,4'-DDE      | 5.547 | 6.277  | 89944047 | 177.1E6  | 52.956   | 50.580     |
| 13)                         | MA Dieldrin     | 5.676 | 6.423  | 95533284 | 191.2E6  | 52.476   | 55.652     |
| 14)                         | MA Endrin       | 5.930 | 6.640  | 73308900 | 147.8E6  | 43.678   | 50.514     |
| 15)                         | B Endosulfa...  | 6.202 | 6.851  | 85747956 | 137.9E6  | 48.451   | 43.311     |
| 16)                         | A 4,4'-DDD      | 6.059 | 6.766  | 77300738 | 137.8E6  | 51.497   | 50.848     |
| 17)                         | MA 4,4'-DDT     | 6.298 | 7.064  | 74114248 | 133.2E6  | 54.010   | 52.092     |
| 18)                         | B Endrin al...  | 6.369 | 6.974  | 64422721 | 110.6E6  | 42.028   | 43.338     |
| 19)                         | B Endosulfa...  | 6.582 | 7.198  | 86735954 | 133.2E6  | 50.577   | 47.881     |
| 20)                         | A Methoxychlor  | 6.842 | 7.524  | 44542427 | 73280019 | 50.058   | 52.543     |
| 21)                         | B Endrin ke...  | 7.068 | 7.666  | 94341268 | 146.1E6  | 47.246   | 50.078     |
| 22)                         | Mirex           | 7.253 | 8.120  | 80061501 | 101.8E6  | 50.426   | 51.112     |
| 24)                         | Chlordane-2     | 0.000 | 5.426f | 0        | 203.5E6  | N.D.     | 1612.126 # |
| 25)                         | Chlordane-3     | 5.324 | 6.046  | 95366950 | 165.2E6  | 550.435  | 358.492 #  |
| 26)                         | Chlordane-4     | 5.381 | 6.117  | 107.2E6  | 184.3E6  | 732.748  | 336.104 #  |
| 27)                         | Chlordane-5     | 6.202 | 0.000  | 85747956 | 0        | 1375.465 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

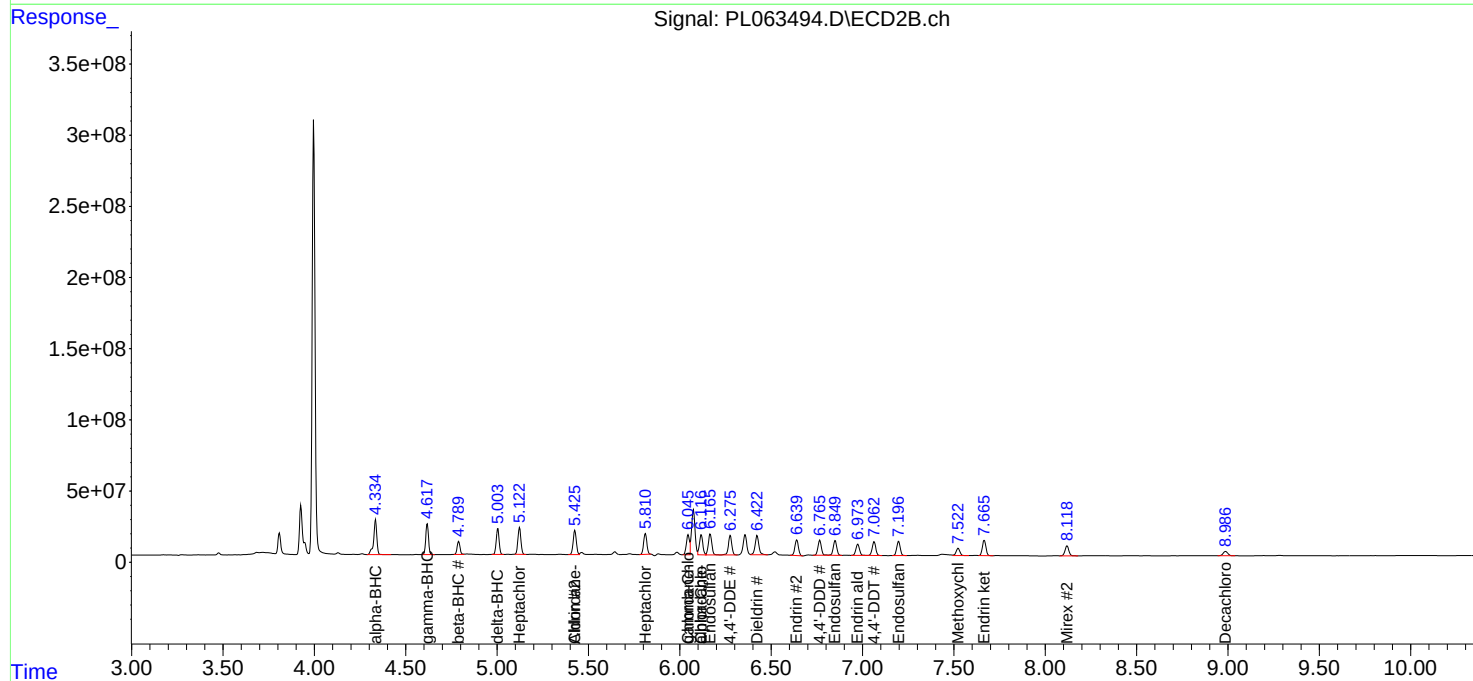
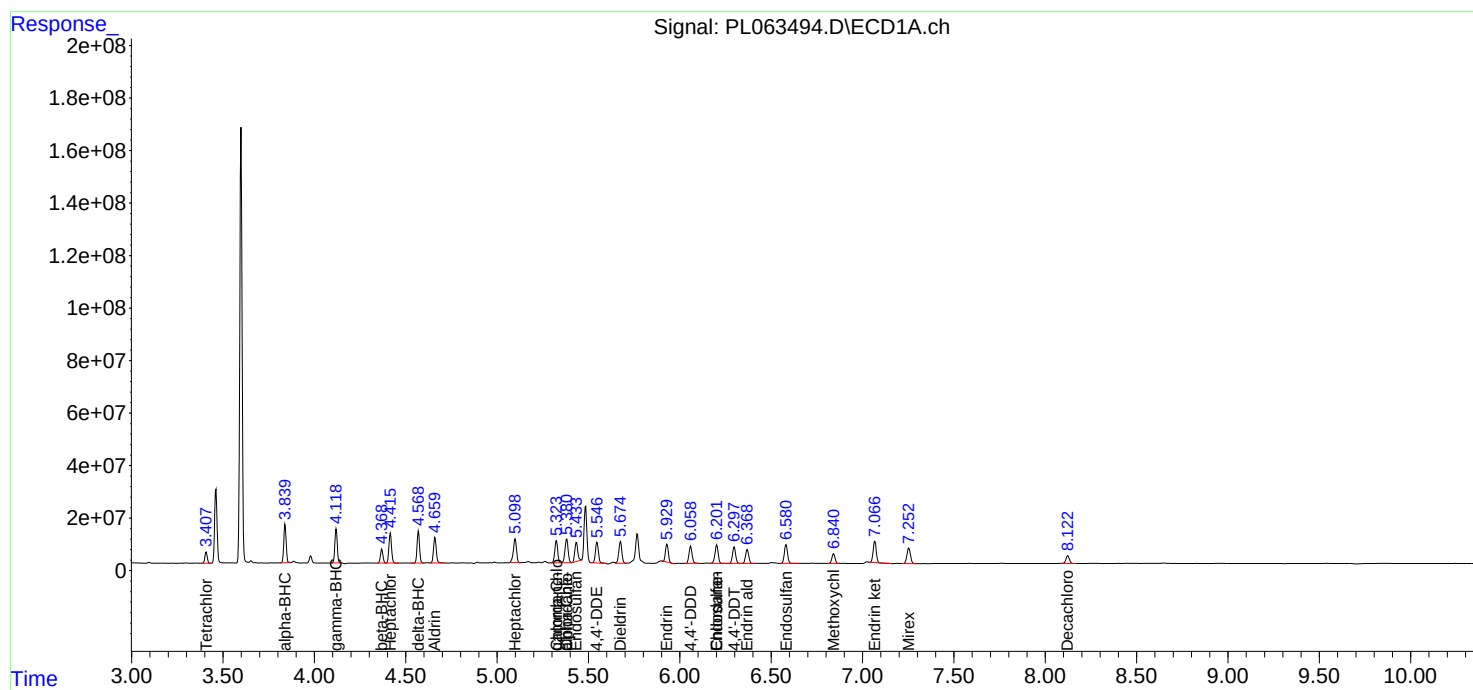
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

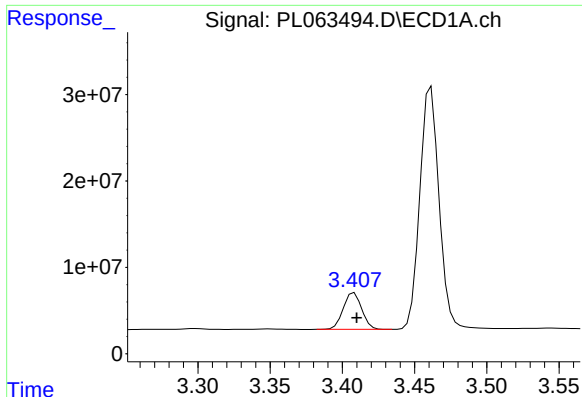
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121220\  
Data File : PL063494.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Dec 2020 10:54  
Operator : DD\AJ  
Sample : L4982-01MS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 11 12:10:01 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 10 15:57:40 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

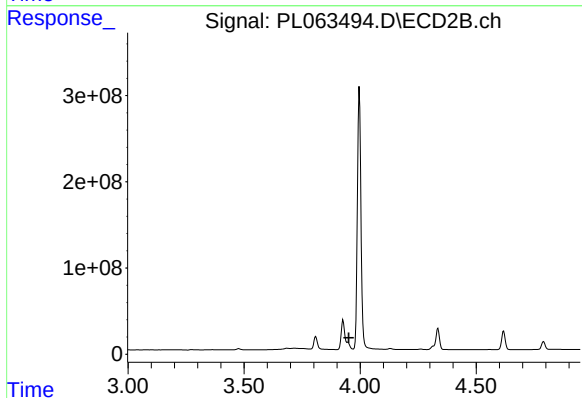




#1 Tetrachloro-m-xylene

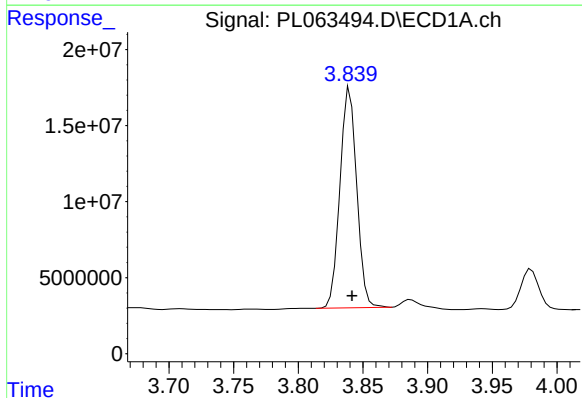
R.T.: 3.408 min  
Delta R.T.: -0.002 min  
Response: 37790022  
Conc: 22.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



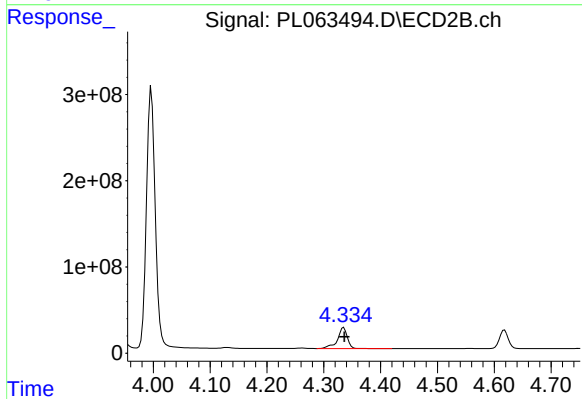
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 3.950 min  
Response: 0  
Conc: N.D.



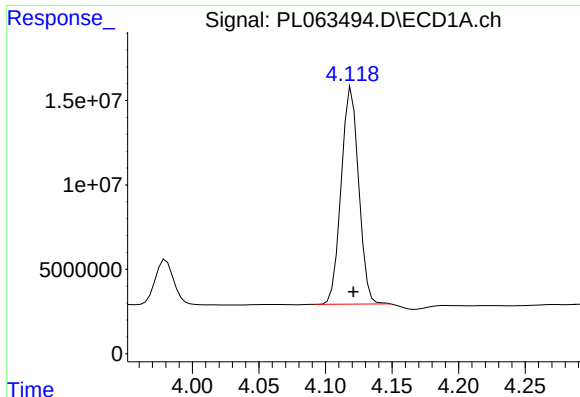
#2 alpha-BHC

R.T.: 3.840 min  
Delta R.T.: -0.002 min  
Response: 130523099  
Conc: 52.07 ng/ml



#2 alpha-BHC

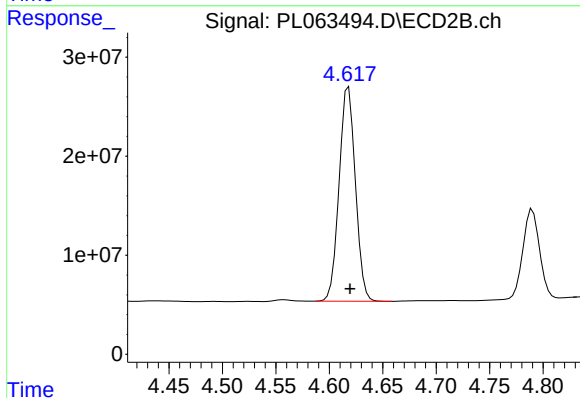
R.T.: 4.335 min  
Delta R.T.: -0.001 min  
Response: 296869880  
Conc: 62.72 ng/ml



#3 gamma-BHC (Lindane)

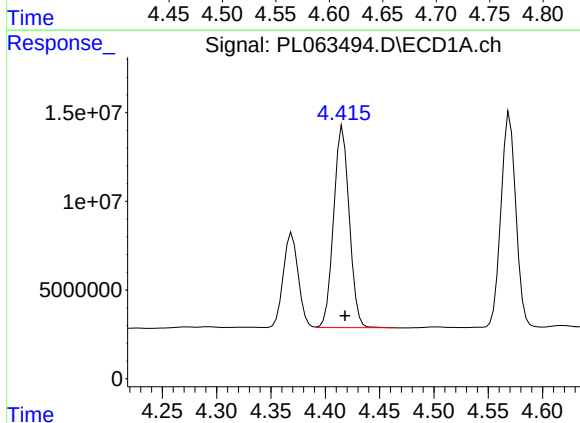
R.T.: 4.120 min  
Delta R.T.: -0.001 min  
Response: 117604719  
Conc: 51.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



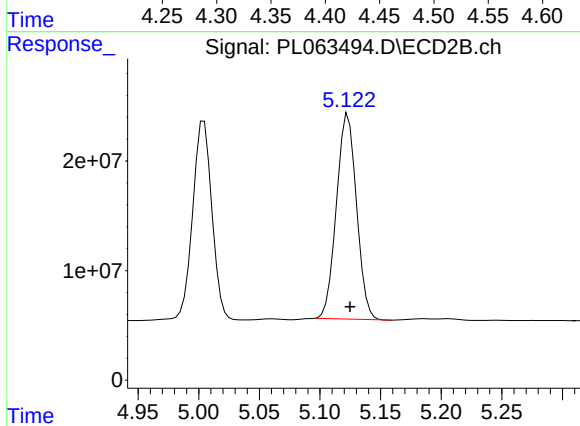
#3 gamma-BHC (Lindane)

R.T.: 4.618 min  
Delta R.T.: -0.001 min  
Response: 229860079  
Conc: 51.56 ng/ml



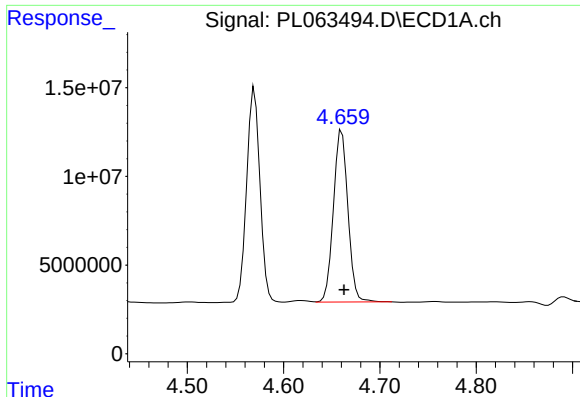
#4 Heptachlor

R.T.: 4.416 min  
Delta R.T.: -0.002 min  
Response: 113714354  
Conc: 52.97 ng/ml



#4 Heptachlor

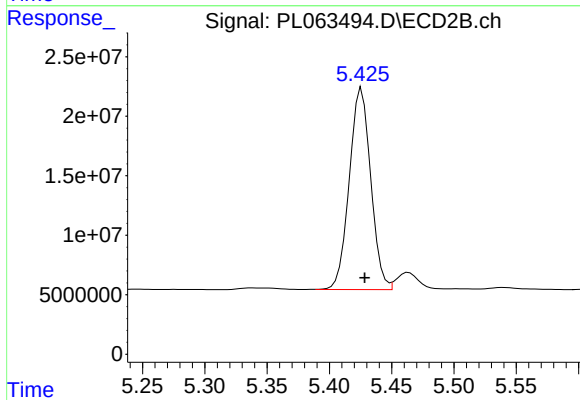
R.T.: 5.123 min  
Delta R.T.: -0.002 min  
Response: 215597975  
Conc: 52.51 ng/ml



#5 Aldrin

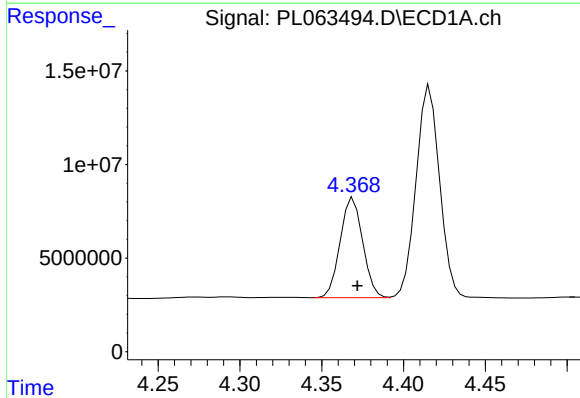
R.T.: 4.661 min  
Delta R.T.: -0.002 min  
Response: 101661545  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



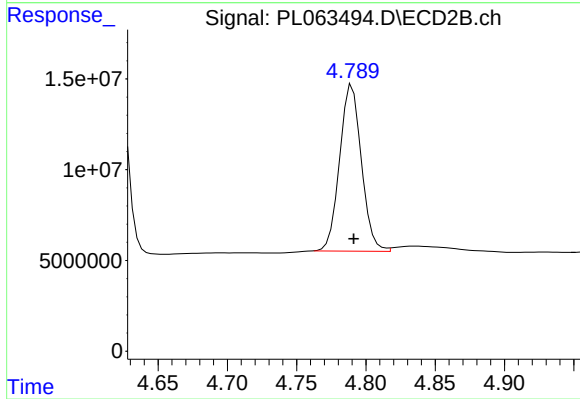
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: -0.002 min  
Response: 203457749  
Conc: 52.59 ng/ml



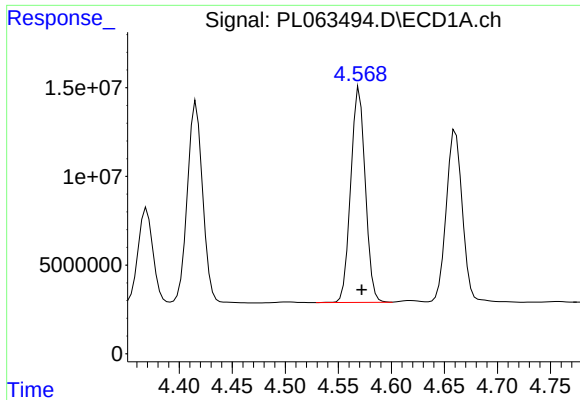
#6 beta-BHC

R.T.: 4.369 min  
Delta R.T.: -0.002 min  
Response: 51115006  
Conc: 52.64 ng/ml



#6 beta-BHC

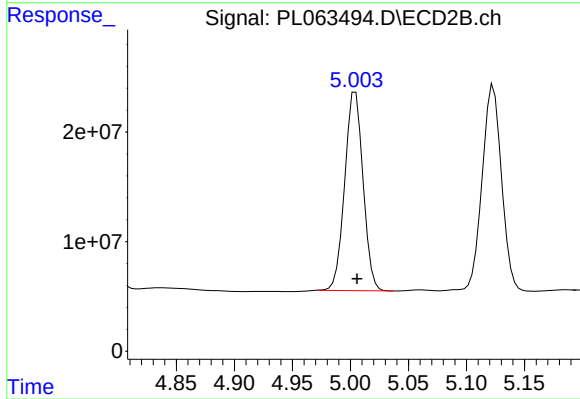
R.T.: 4.790 min  
Delta R.T.: -0.001 min  
Response: 100470338  
Conc: 50.58 ng/ml



#7 delta-BHC

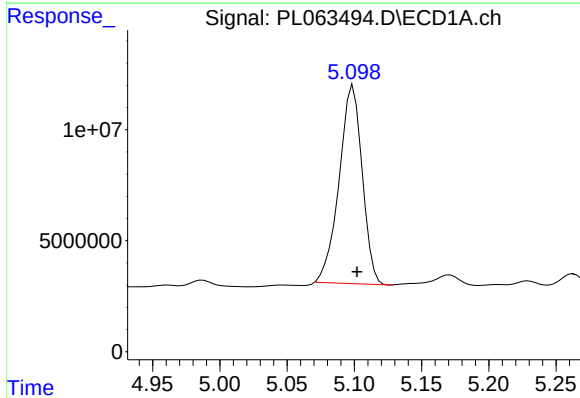
R.T.: 4.570 min  
Delta R.T.: -0.002 min  
Response: 115278845  
Conc: 52.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



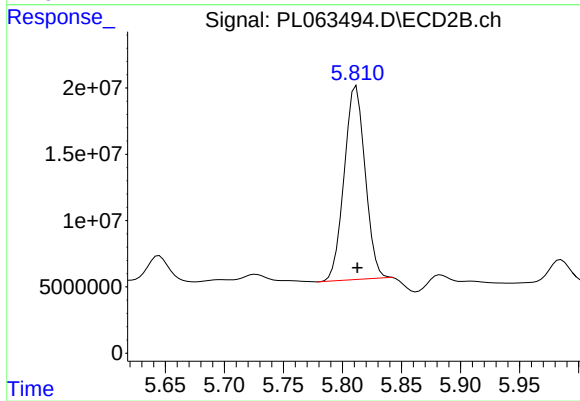
#7 delta-BHC

R.T.: 5.004 min  
Delta R.T.: -0.001 min  
Response: 199256288  
Conc: 49.23 ng/ml



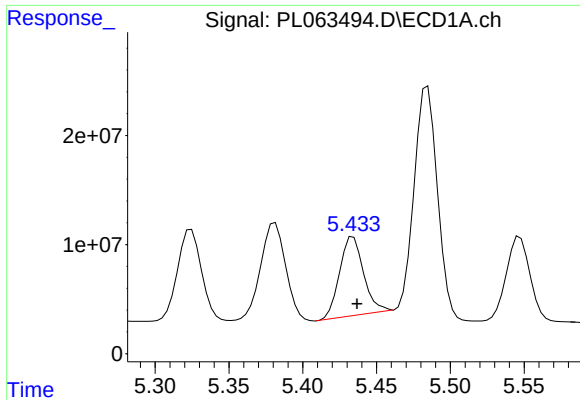
#8 Heptachlor epoxide

R.T.: 5.099 min  
Delta R.T.: -0.003 min  
Response: 106115827  
Conc: 57.04 ng/ml



#8 Heptachlor epoxide

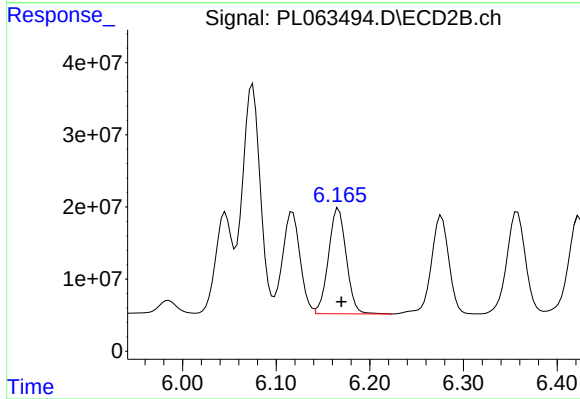
R.T.: 5.812 min  
Delta R.T.: -0.001 min  
Response: 179654345  
Conc: 49.60 ng/ml



#9 Endosulfan I

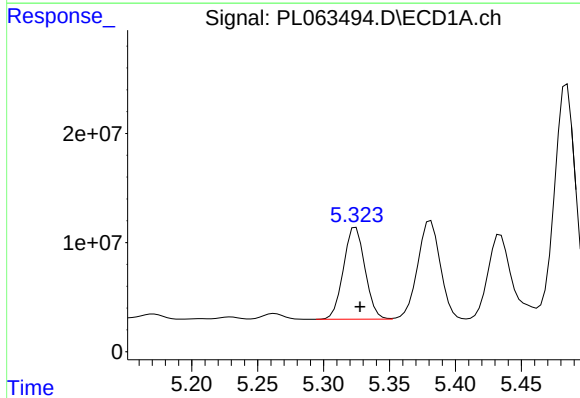
R.T.: 5.434 min  
Delta R.T.: -0.003 min  
Response: 81303783  
Conc: 46.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



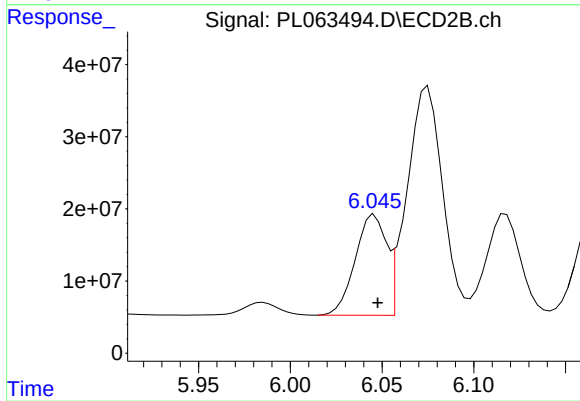
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 193205664  
Conc: 57.89 ng/ml



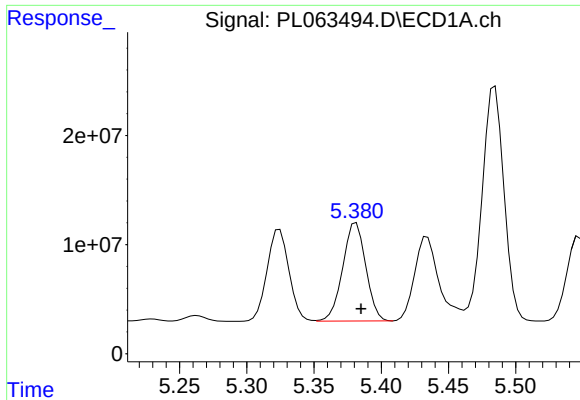
#10 gamma-Chlordane

R.T.: 5.324 min  
Delta R.T.: -0.003 min  
Response: 95366950  
Conc: 51.27 ng/ml



#10 gamma-Chlordane

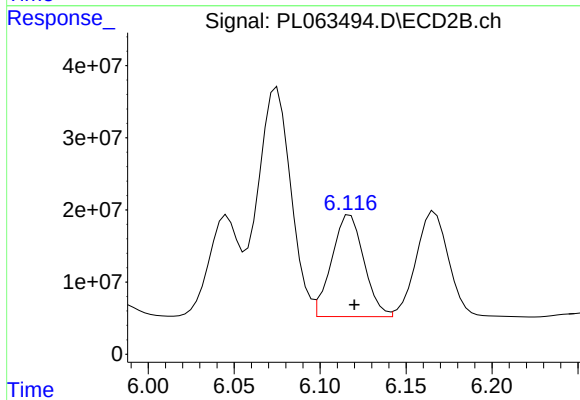
R.T.: 6.046 min  
Delta R.T.: -0.002 min  
Response: 165186992  
Conc: 46.54 ng/ml



#11 alpha-Chlordane

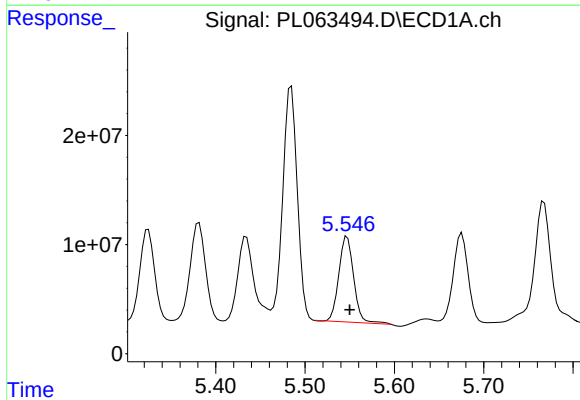
R.T.: 5.381 min  
Delta R.T.: -0.004 min  
Response: 107182238  
Conc: 57.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



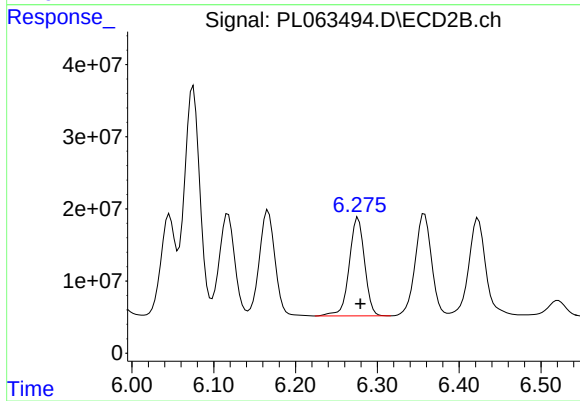
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: -0.003 min  
Response: 184275829  
Conc: 52.00 ng/ml



#12 4,4'-DDE

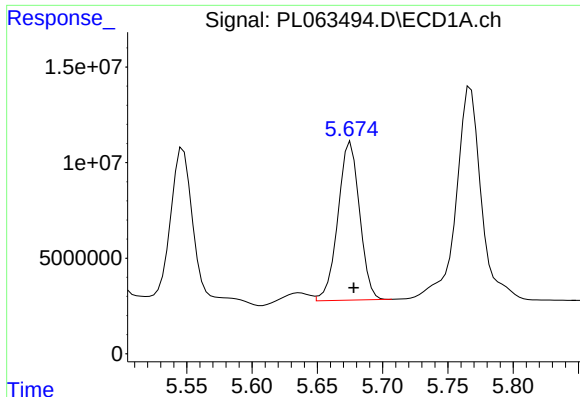
R.T.: 5.547 min  
Delta R.T.: -0.003 min  
Response: 89944047  
Conc: 52.96 ng/ml



#12 4,4'-DDE

R.T.: 6.277 min  
Delta R.T.: -0.003 min  
Response: 177147427  
Conc: 50.58 ng/ml

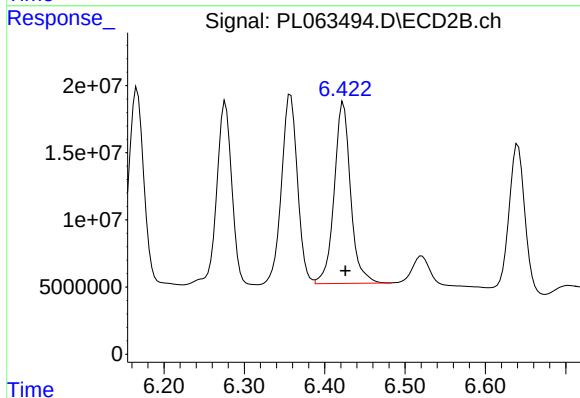




#13 Dieldrin

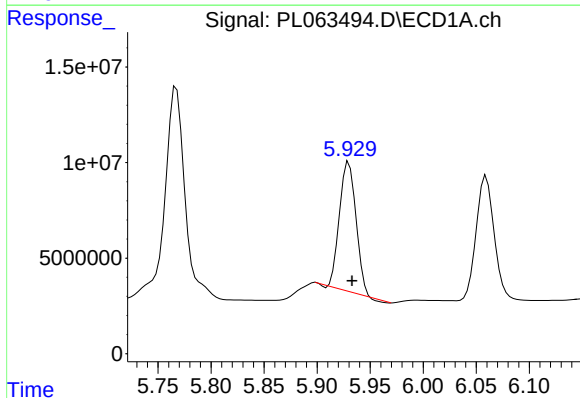
R.T.: 5.676 min  
Delta R.T.: -0.002 min  
Response: 95533284  
Conc: 52.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



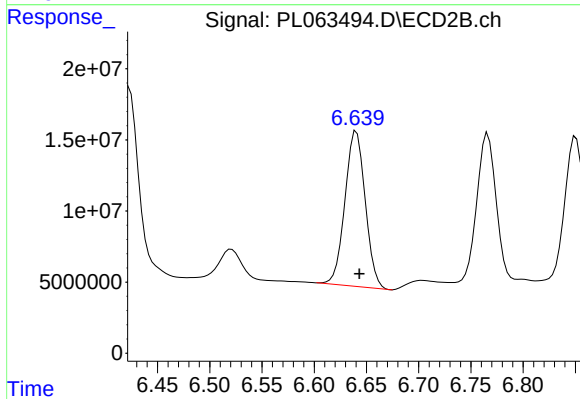
#13 Dieldrin

R.T.: 6.423 min  
Delta R.T.: -0.002 min  
Response: 191192096  
Conc: 55.65 ng/ml



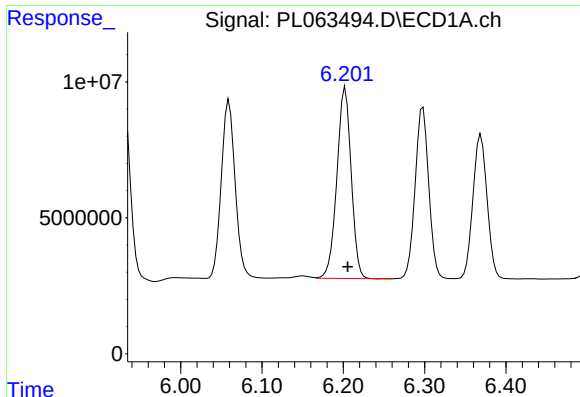
#14 Endrin

R.T.: 5.930 min  
Delta R.T.: -0.003 min  
Response: 73308900  
Conc: 43.68 ng/ml



#14 Endrin

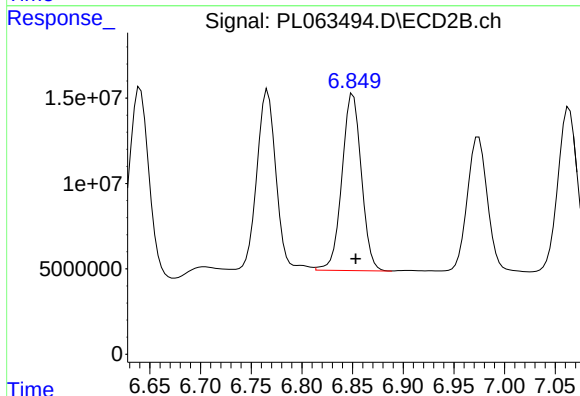
R.T.: 6.640 min  
Delta R.T.: -0.003 min  
Response: 147753695  
Conc: 50.51 ng/ml



#15 Endosulfan II

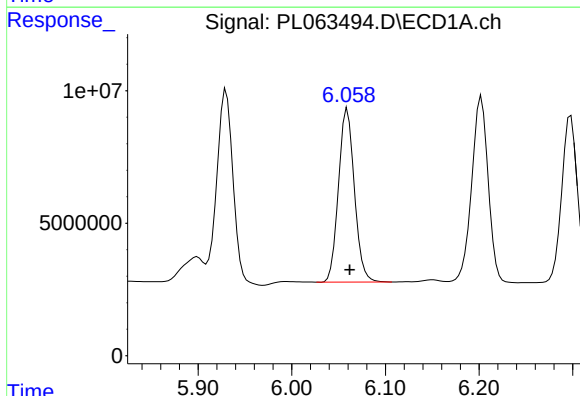
R.T.: 6.202 min  
Delta R.T.: -0.003 min  
Response: 85747956  
Conc: 48.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



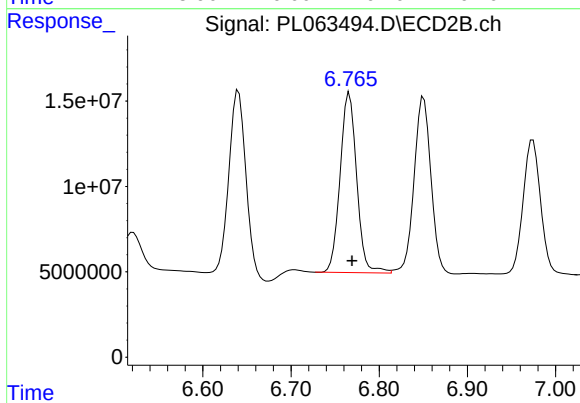
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 137948145  
Conc: 43.31 ng/ml



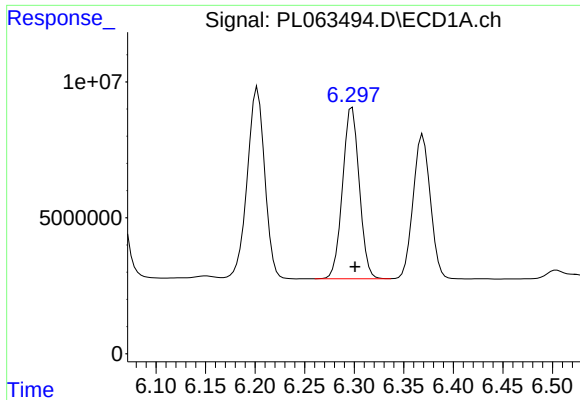
#16 4,4'-DDD

R.T.: 6.059 min  
Delta R.T.: -0.002 min  
Response: 77300738  
Conc: 51.50 ng/ml



#16 4,4'-DDD

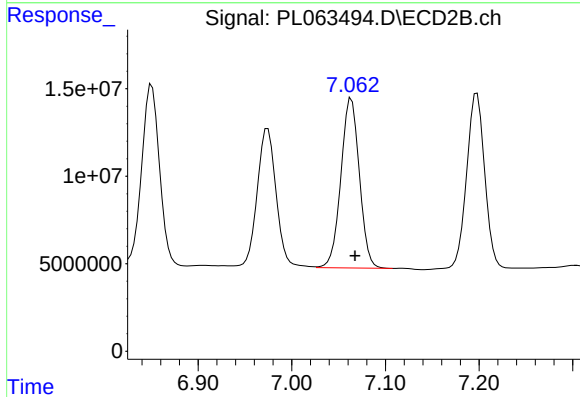
R.T.: 6.766 min  
Delta R.T.: -0.003 min  
Response: 137823560  
Conc: 50.85 ng/ml



#17 4,4'-DDT

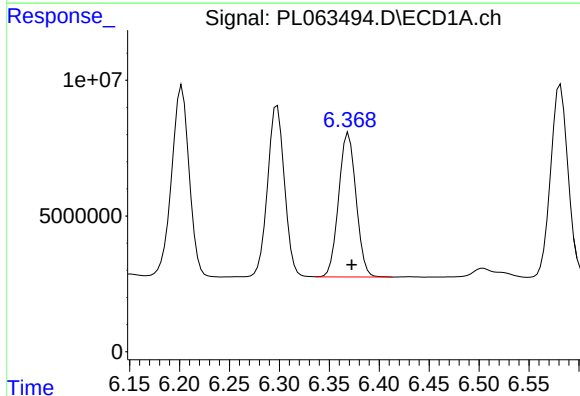
R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 74114248  
Conc: 54.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



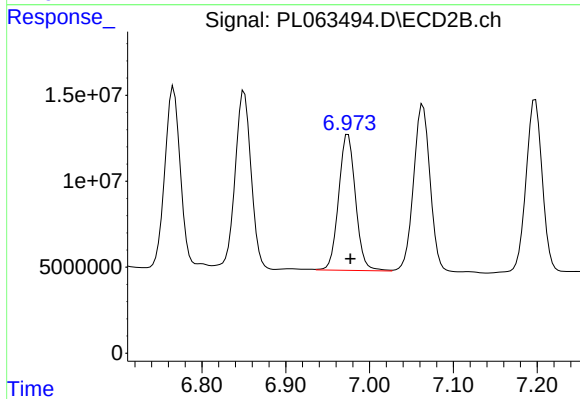
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: -0.004 min  
Response: 133193613  
Conc: 52.09 ng/ml



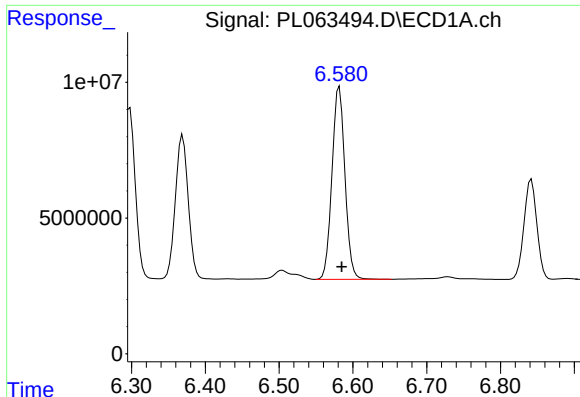
#18 Endrin aldehyde

R.T.: 6.369 min  
Delta R.T.: -0.003 min  
Response: 64422721  
Conc: 42.03 ng/ml



#18 Endrin aldehyde

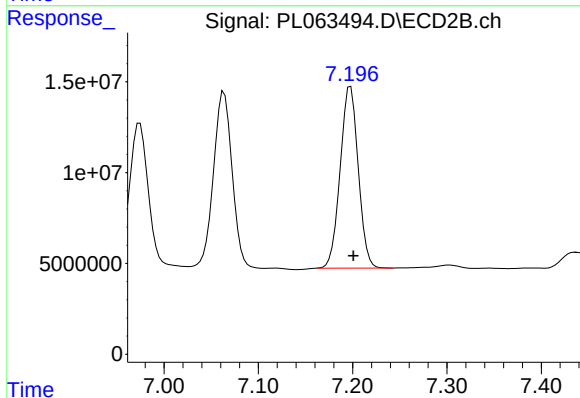
R.T.: 6.974 min  
Delta R.T.: -0.003 min  
Response: 110590676  
Conc: 43.34 ng/ml



#19 Endosulfan Sulfate

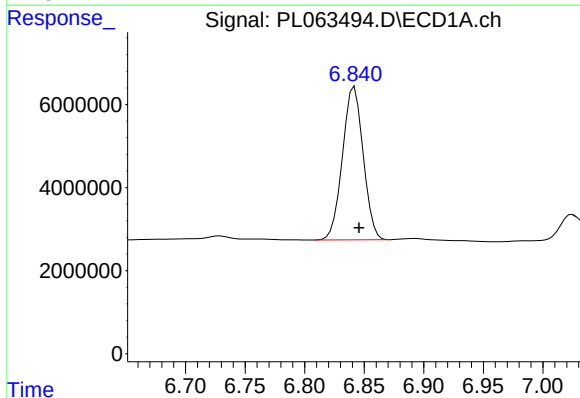
R.T.: 6.582 min  
Delta R.T.: -0.003 min  
Response: 86735954  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



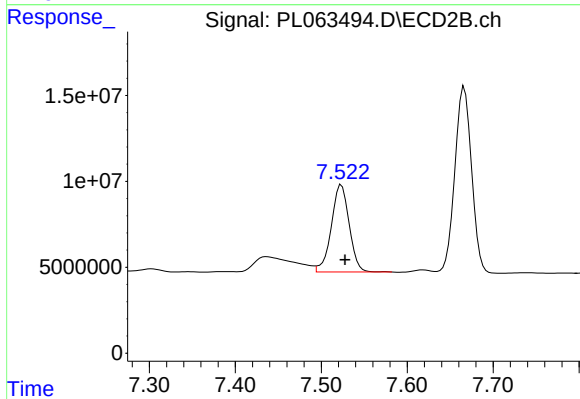
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: -0.003 min  
Response: 133194825  
Conc: 47.88 ng/ml



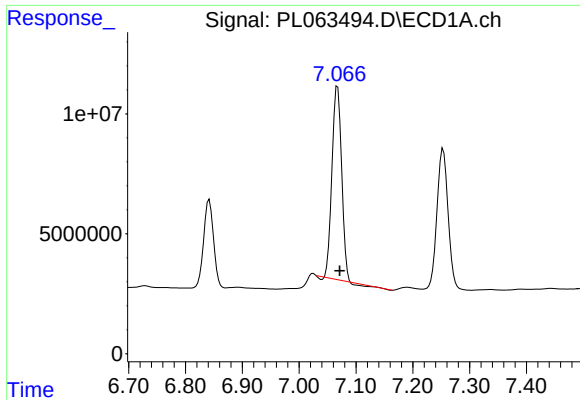
#20 Methoxychlor

R.T.: 6.842 min  
Delta R.T.: -0.004 min  
Response: 44542427  
Conc: 50.06 ng/ml



#20 Methoxychlor

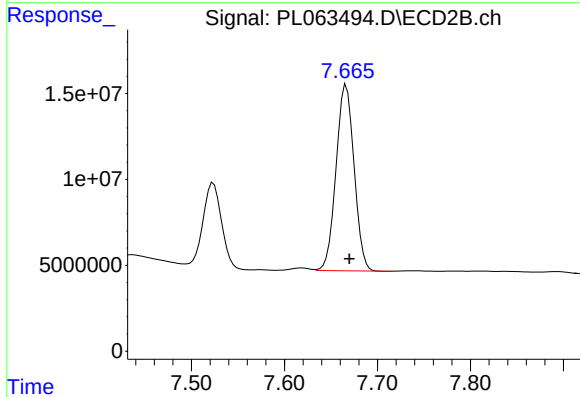
R.T.: 7.524 min  
Delta R.T.: -0.004 min  
Response: 73280019  
Conc: 52.54 ng/ml



#21 Endrin ketone

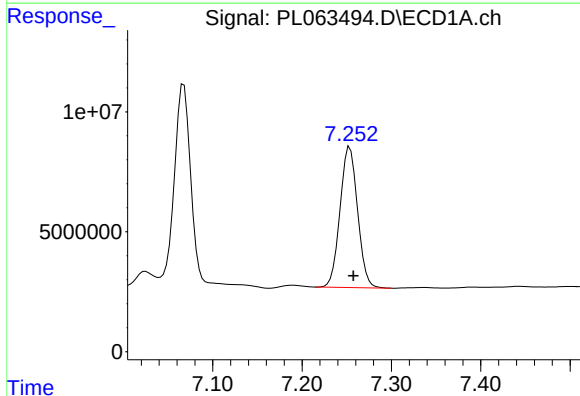
R.T.: 7.068 min  
Delta R.T.: -0.004 min  
Response: 94341268  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



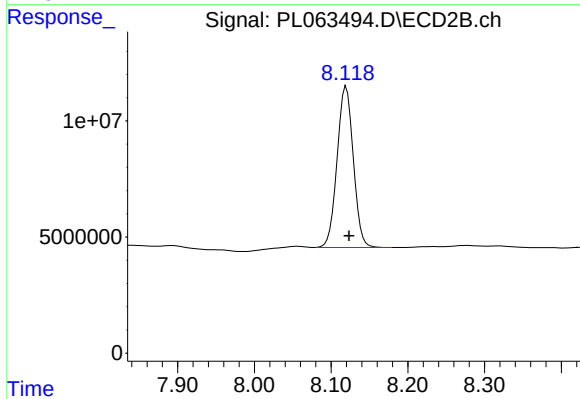
#21 Endrin ketone

R.T.: 7.666 min  
Delta R.T.: -0.004 min  
Response: 146067817  
Conc: 50.08 ng/ml



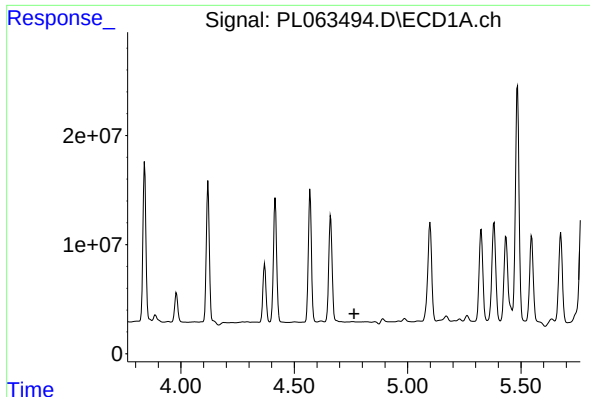
#22 Mirex

R.T.: 7.253 min  
Delta R.T.: -0.004 min  
Response: 80061501  
Conc: 50.43 ng/ml



#22 Mirex

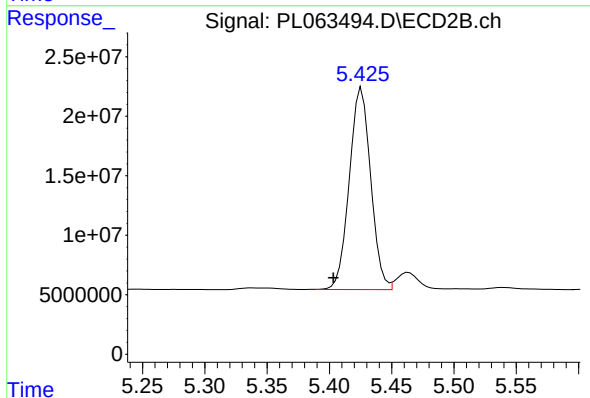
R.T.: 8.120 min  
Delta R.T.: -0.004 min  
Response: 101839472  
Conc: 51.11 ng/ml



#24 Chlordane-2

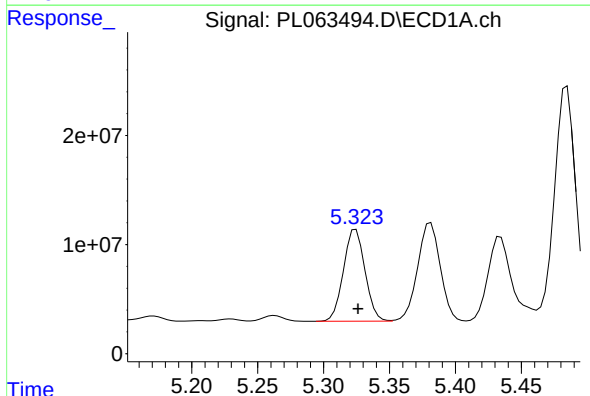
R.T.: 0.000 min  
Exp R.T.: 4.763 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



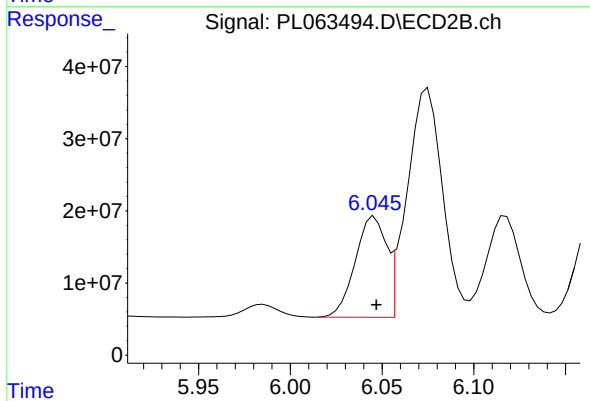
#24 Chlordane-2

R.T.: 5.426 min  
Delta R.T.: 0.023 min  
Response: 203457749  
Conc: 1612.13 ng/ml



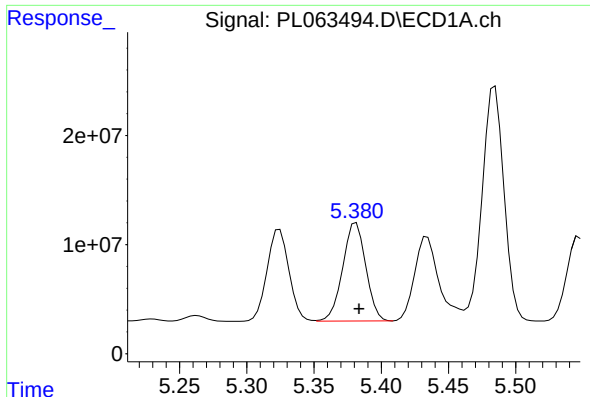
#25 Chlordane-3

R.T.: 5.324 min  
Delta R.T.: -0.002 min  
Response: 95366950  
Conc: 550.43 ng/ml



#25 Chlordane-3

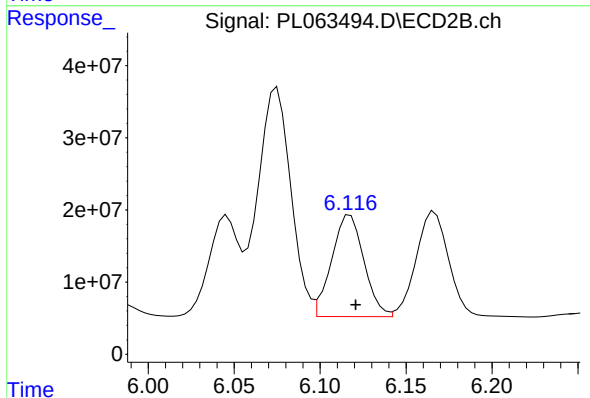
R.T.: 6.046 min  
Delta R.T.: -0.001 min  
Response: 165186992  
Conc: 358.49 ng/ml



#26 Chlordane-4

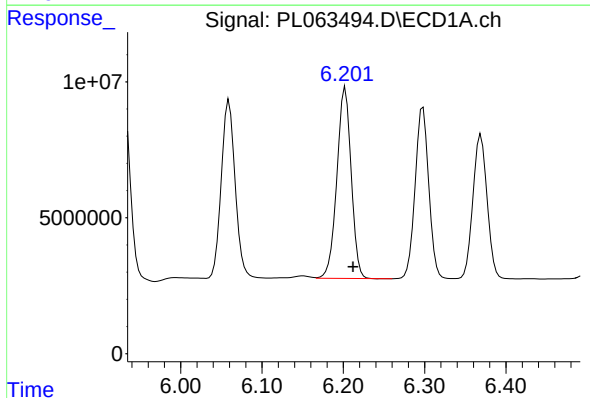
R.T.: 5.381 min  
Delta R.T.: -0.002 min  
Response: 107182238  
Conc: 732.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



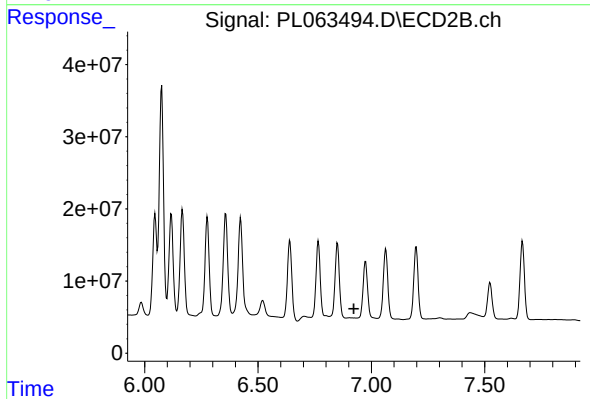
#26 Chlordane-4

R.T.: 6.117 min  
Delta R.T.: -0.003 min  
Response: 184275829  
Conc: 336.10 ng/ml



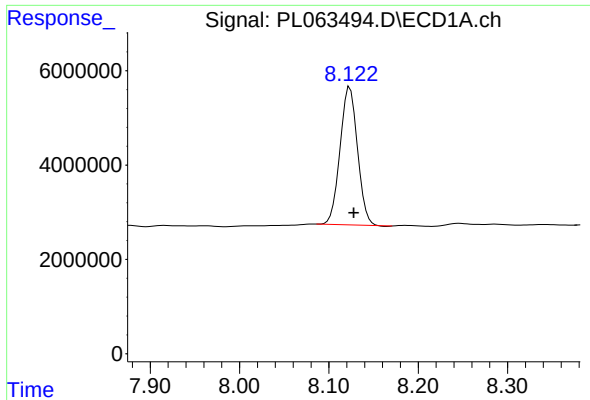
#27 Chlordane-5

R.T.: 6.202 min  
Delta R.T.: -0.009 min  
Response: 85747956  
Conc: 1375.47 ng/ml



#27 Chlordane-5

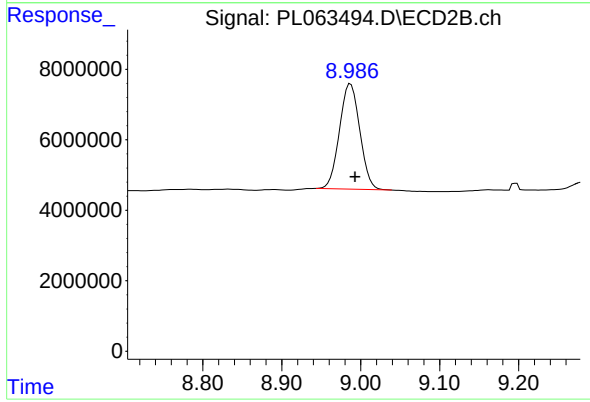
R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.123 min  
Delta R.T.: -0.005 min  
Response: 39526117  
Conc: 19.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: -0.006 min  
Response: 53555403  
Conc: 21.27 ng/ml