

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111920\  
 Data File : PL063118.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2020 16:48  
 Operator : DD\AJ  
 Sample : L4776-02MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 04:54:08 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... | 3.410 | 3.950  | 35326483 | 60424529 | 20.538   | 20.562     |
| 28)                         | SA Decachlor... | 8.124 | 8.987  | 40358763 | 48304218 | 25.157   | 23.079     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.842 | 4.336  | 128.9E6  | 236.4E6  | 50.554   | 53.212     |
| 3)                          | MA gamma-BHC... | 4.121 | 4.619  | 115.7E6  | 212.4E6  | 49.959   | 50.874     |
| 4)                          | MA Heptachlor   | 4.418 | 5.124  | 109.6E6  | 202.3E6  | 51.077   | 50.725     |
| 5)                          | MB Aldrin       | 4.662 | 5.427  | 99627567 | 191.3E6  | 52.195   | 52.853     |
| 6)                          | B beta-BHC      | 4.371 | 4.791  | 46792608 | 96139920 | 48.988   | 51.056     |
| 7)                          | B delta-BHC     | 4.572 | 5.005  | 112.3E6  | 174.2E6  | 51.673   | 49.769     |
| 8)                          | B Heptachlo...  | 5.101 | 5.812  | 101.1E6  | 164.3E6  | 55.435   | 50.742     |
| 9)                          | A Endosulfan I  | 5.436 | 6.167  | 86420968 | 161.2E6  | 51.699   | 51.120     |
| 10)                         | B gamma-Chl...  | 5.326 | 6.046  | 94010140 | 169.9E6  | 52.182   | 50.477     |
| 11)                         | B alpha-Chl...  | 5.383 | 6.118  | 90764583 | 170.7E6  | 50.208   | 50.674     |
| 12)                         | B 4,4'-DDE      | 5.548 | 6.277  | 88445457 | 169.9E6  | 53.459   | 52.726     |
| 13)                         | MA Dieldrin     | 5.677 | 6.424  | 92419278 | 164.5E6  | 52.304   | 51.381     |
| 14)                         | MA Endrin       | 5.931 | 6.641  | 86523903 | 145.2E6  | 52.005   | 52.016     |
| 15)                         | B Endosulfa...  | 6.203 | 6.851  | 81487831 | 136.8E6  | 49.427   | 47.847     |
| 16)                         | A 4,4'-DDD      | 6.060 | 6.766  | 75957923 | 140.3E6  | 53.700   | 54.811     |
| 17)                         | MA 4,4'-DDT     | 6.299 | 7.065  | 71976825 | 129.1E6  | 53.933   | 57.487     |
| 18)                         | B Endrin al...  | 6.371 | 6.975  | 68355293 | 114.2E6  | 47.074   | 50.078     |
| 19)                         | B Endosulfa...  | 6.582 | 7.197  | 86006714 | 133.1E6  | 52.118   | 55.463     |
| 20)                         | A Methoxychlor  | 6.842 | 7.524  | 43973785 | 67231009 | 51.055   | 54.416     |
| 21)                         | B Endrin ke...  | 7.068 | 7.667  | 99112718 | 137.9E6  | 54.971   | 58.178     |
| 22)                         | Mirex           | 7.254 | 8.120  | 78378974 | 95527440 | 55.286   | 56.058     |
| 23)                         | Chlordane-1     | 4.259 | 0.000  | 328074   | 0        | 6.364    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.427f | 0        | 191.3E6  | N.D.     | 1754.469 # |
| 25)                         | Chlordane-3     | 5.326 | 6.046  | 94010140 | 169.9E6  | 613.928  | 420.668 #  |
| 26)                         | Chlordane-4     | 5.383 | 6.118  | 90764583 | 170.7E6  | 696.792  | 352.507 #  |
| 27)                         | Chlordane-5     | 6.203 | 0.000  | 81487831 | 0        | 1689.019 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

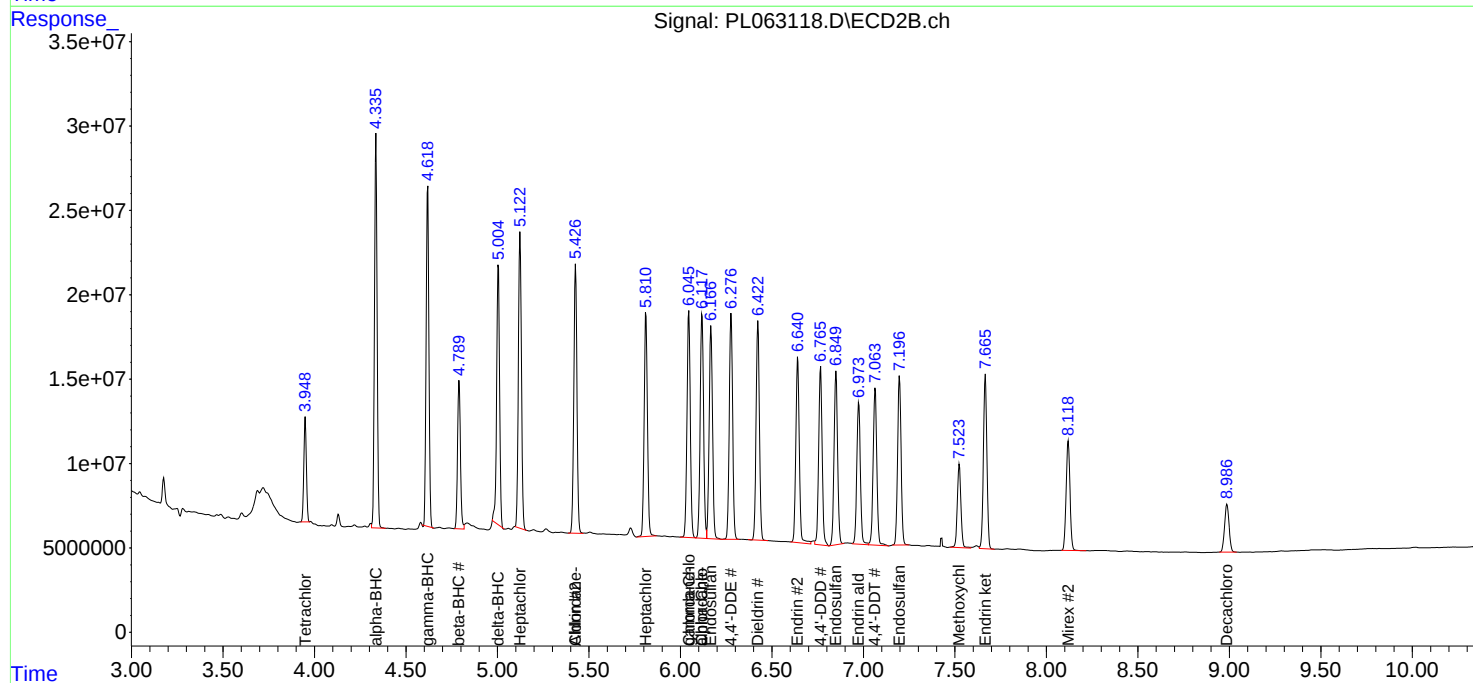
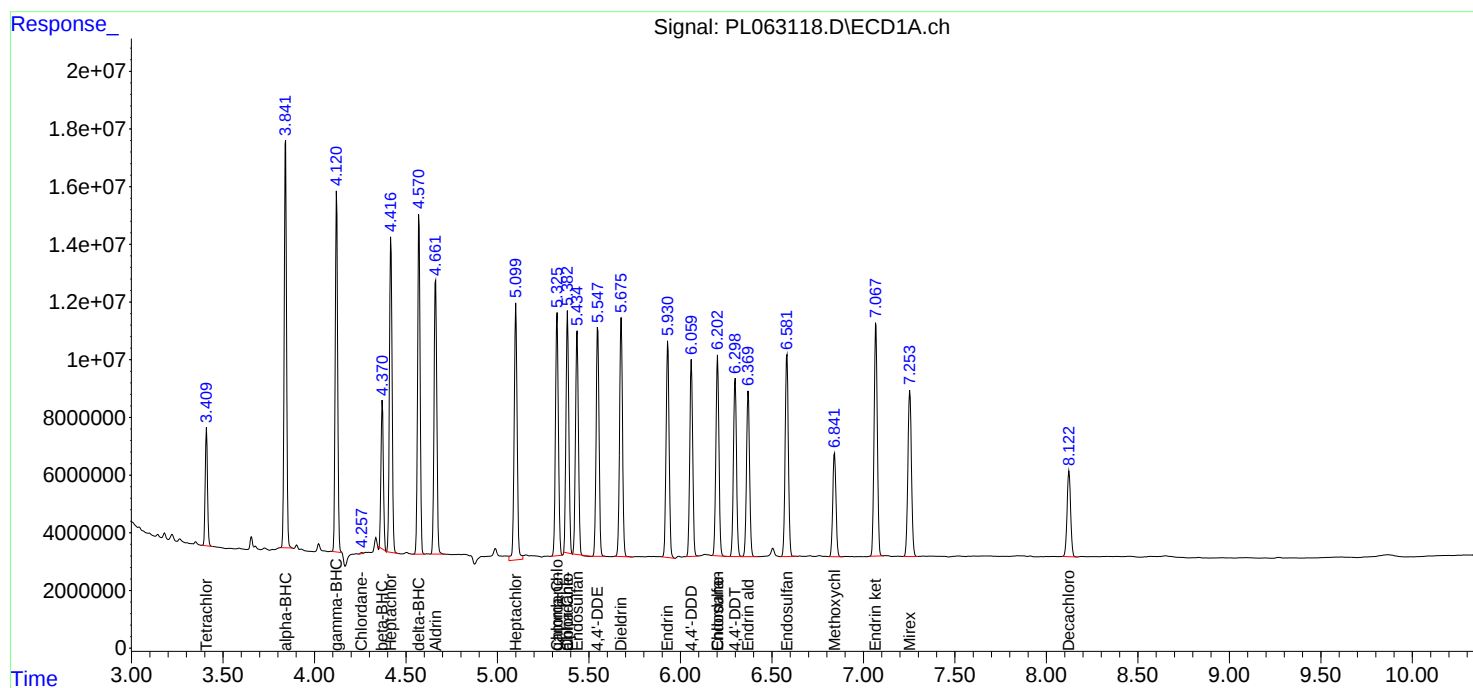
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

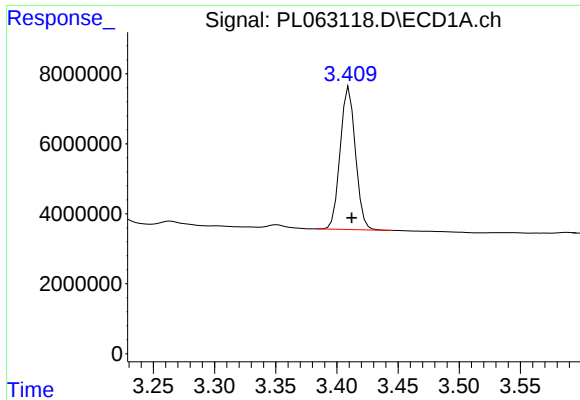
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111920\  
Data File : PL063118.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2020 16:48  
Operator : DD\AJ  
Sample : L4776-02MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 04:54:08 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

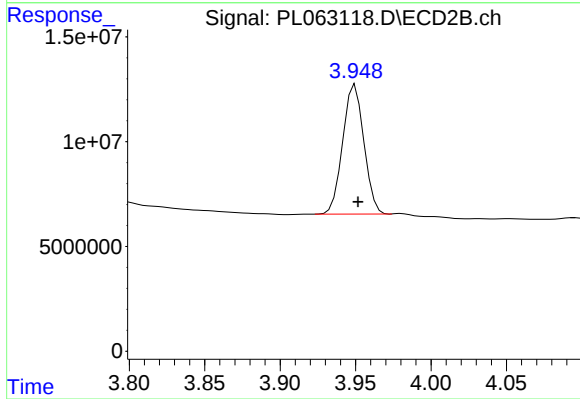




#1 Tetrachloro-m-xylene

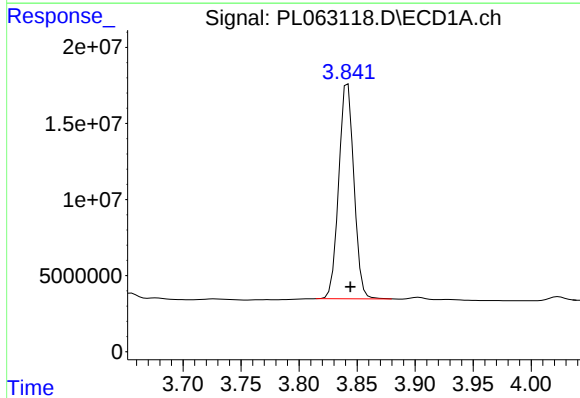
R.T.: 3.410 min  
Delta R.T.: -0.002 min  
Response: 35326483  
Conc: 20.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



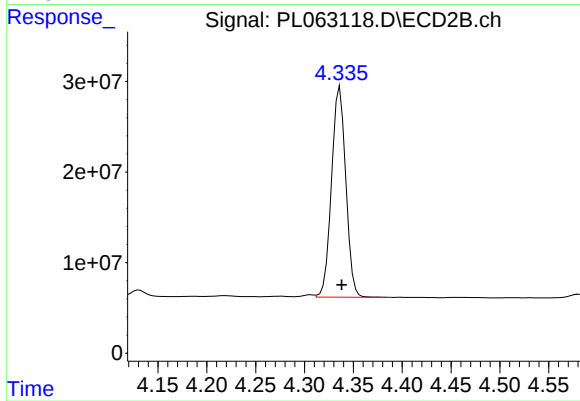
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: -0.002 min  
Response: 60424529  
Conc: 20.56 ng/ml



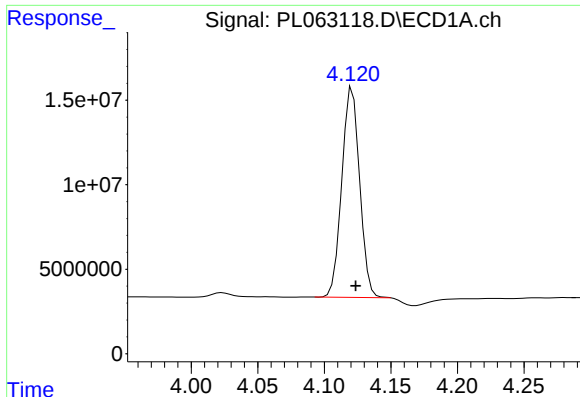
#2 alpha-BHC

R.T.: 3.842 min  
Delta R.T.: -0.002 min  
Response: 128896809  
Conc: 50.55 ng/ml



#2 alpha-BHC

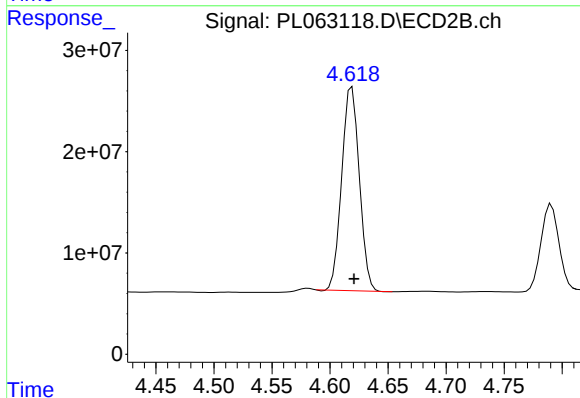
R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: 236434057  
Conc: 53.21 ng/ml



#3 gamma-BHC (Lindane)

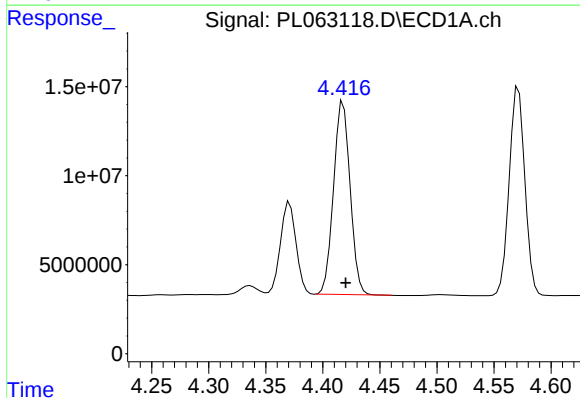
R.T.: 4.121 min  
Delta R.T.: -0.002 min  
Response: 115739018  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



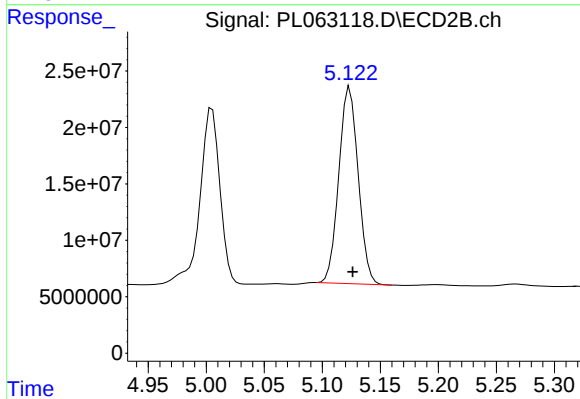
#3 gamma-BHC (Lindane)

R.T.: 4.619 min  
Delta R.T.: -0.002 min  
Response: 212436774  
Conc: 50.87 ng/ml



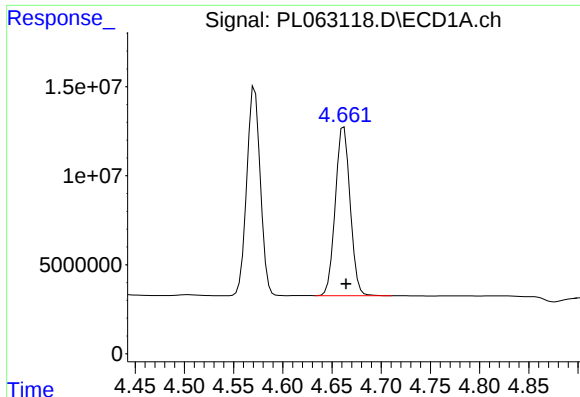
#4 Heptachlor

R.T.: 4.418 min  
Delta R.T.: -0.002 min  
Response: 109601355  
Conc: 51.08 ng/ml



#4 Heptachlor

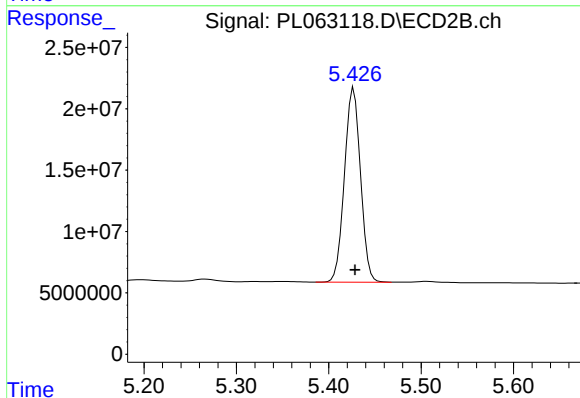
R.T.: 5.124 min  
Delta R.T.: -0.002 min  
Response: 202288079  
Conc: 50.73 ng/ml



#5 Aldrin

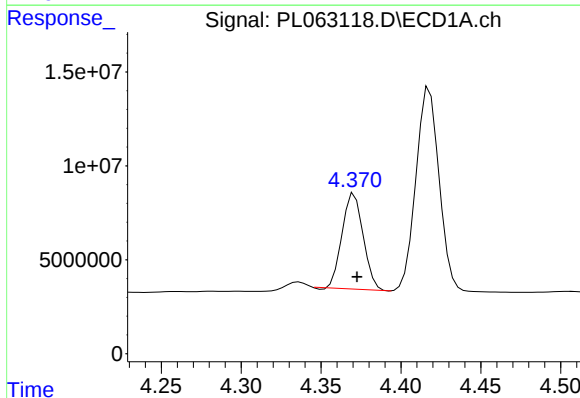
R.T.: 4.662 min  
Delta R.T.: -0.002 min  
Response: 99627567  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



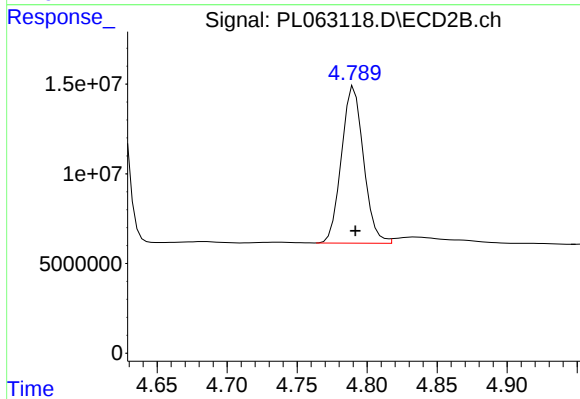
#5 Aldrin

R.T.: 5.427 min  
Delta R.T.: -0.002 min  
Response: 191300144  
Conc: 52.85 ng/ml



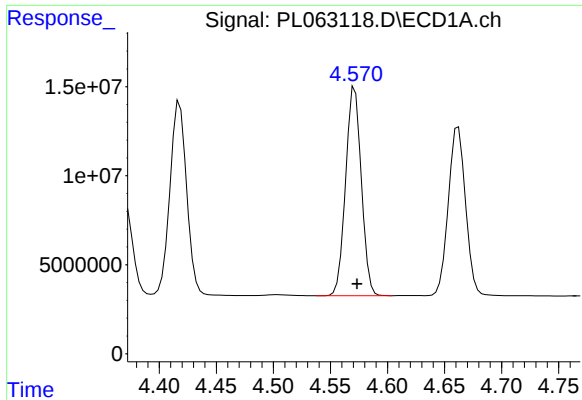
#6 beta-BHC

R.T.: 4.371 min  
Delta R.T.: -0.001 min  
Response: 46792608  
Conc: 48.99 ng/ml



#6 beta-BHC

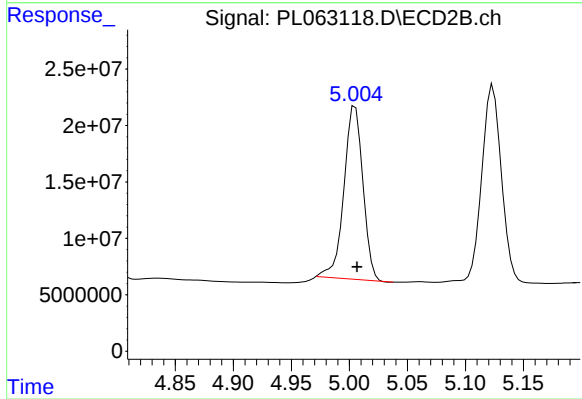
R.T.: 4.791 min  
Delta R.T.: 0.000 min  
Response: 96139920  
Conc: 51.06 ng/ml



#7 delta-BHC

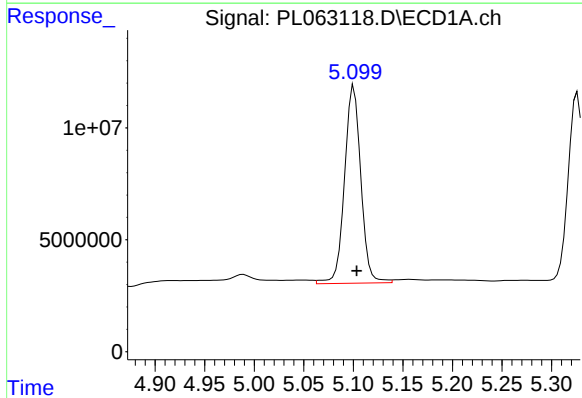
R.T.: 4.572 min  
Delta R.T.: -0.002 min  
Response: 112296272  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



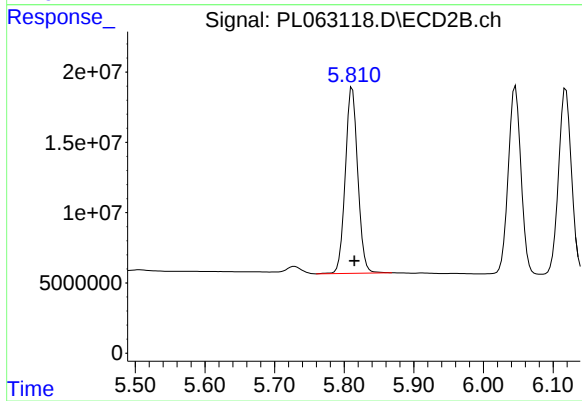
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: -0.002 min  
Response: 174164302  
Conc: 49.77 ng/ml



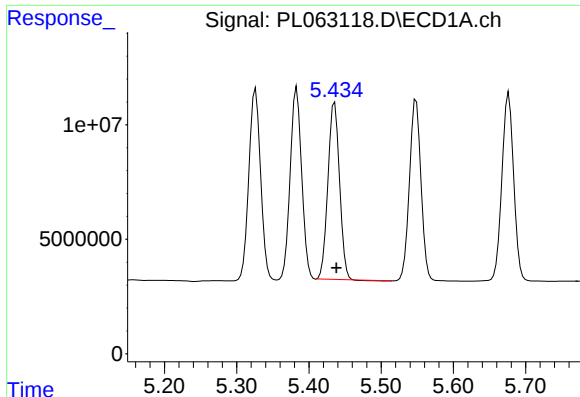
#8 Heptachlor epoxide

R.T.: 5.101 min  
Delta R.T.: -0.003 min  
Response: 101145723  
Conc: 55.43 ng/ml



#8 Heptachlor epoxide

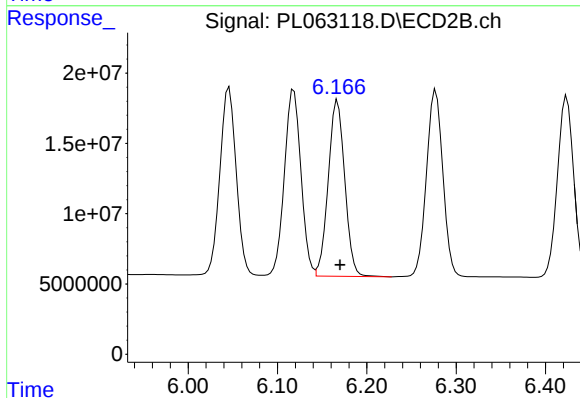
R.T.: 5.812 min  
Delta R.T.: -0.003 min  
Response: 164334278  
Conc: 50.74 ng/ml



#9 Endosulfan I

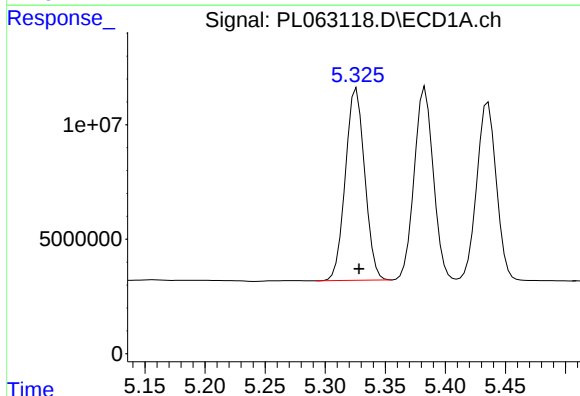
R.T.: 5.436 min  
Delta R.T.: -0.002 min  
Response: 86420968  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



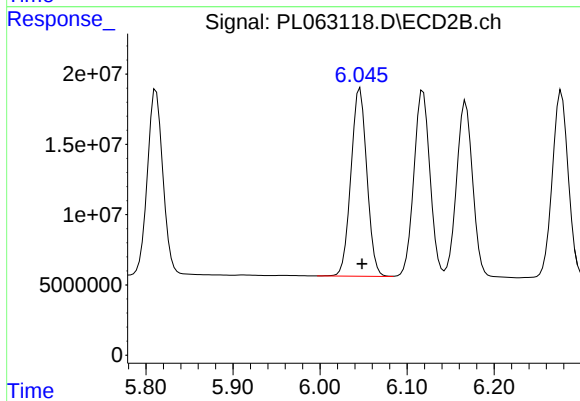
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 161222361  
Conc: 51.12 ng/ml



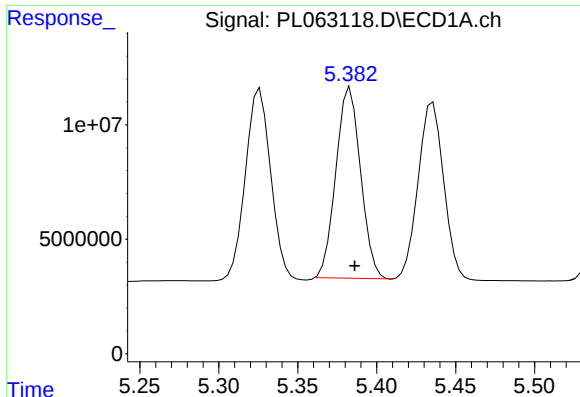
#10 gamma-Chlordane

R.T.: 5.326 min  
Delta R.T.: -0.002 min  
Response: 94010140  
Conc: 52.18 ng/ml



#10 gamma-Chlordane

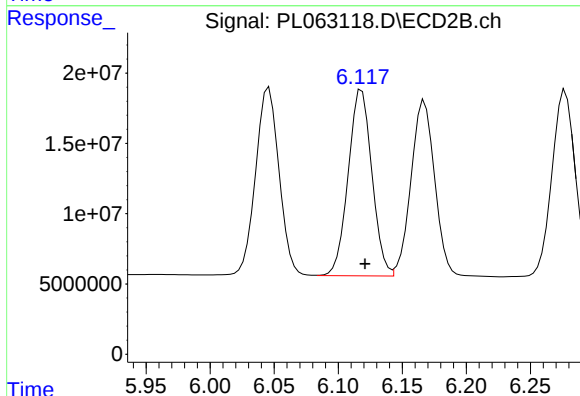
R.T.: 6.046 min  
Delta R.T.: -0.002 min  
Response: 169924914  
Conc: 50.48 ng/ml



#11 alpha-Chlordane

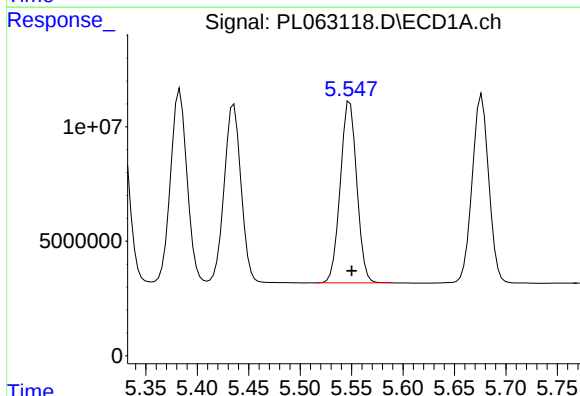
R.T.: 5.383 min  
Delta R.T.: -0.003 min  
Response: 90764583  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



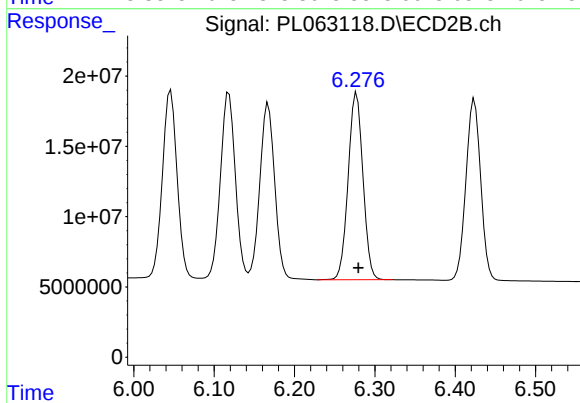
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 170714267  
Conc: 50.67 ng/ml



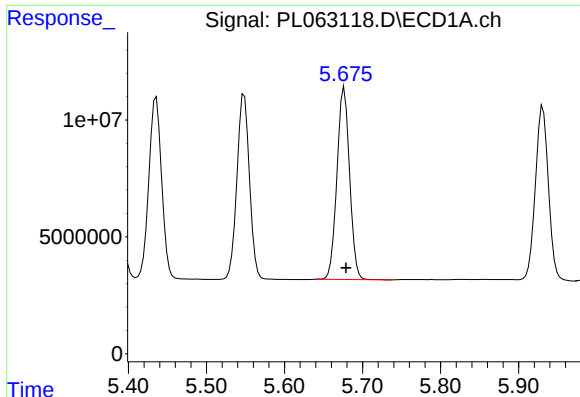
#12 4,4'-DDE

R.T.: 5.548 min  
Delta R.T.: -0.002 min  
Response: 88445457  
Conc: 53.46 ng/ml



#12 4,4'-DDE

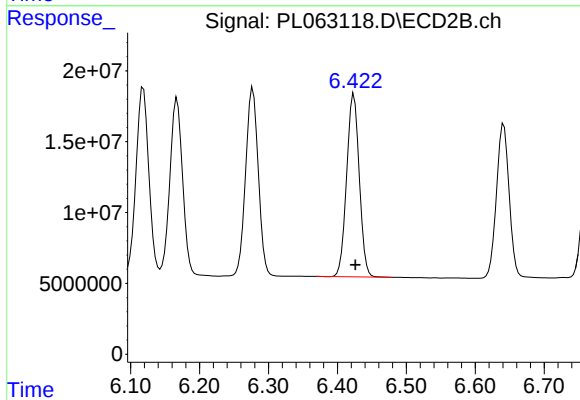
R.T.: 6.277 min  
Delta R.T.: -0.002 min  
Response: 169885144  
Conc: 52.73 ng/ml



#13 Dieldrin

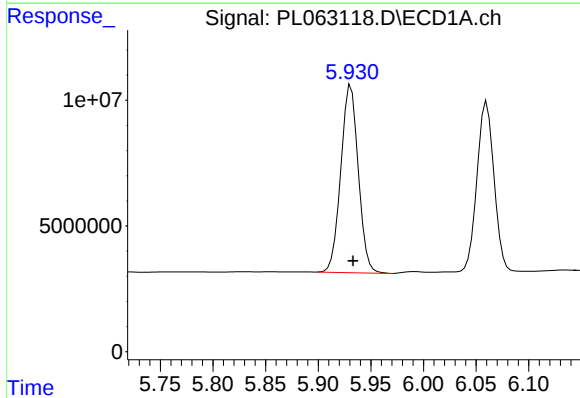
R.T.: 5.677 min  
Delta R.T.: -0.002 min  
Response: 92419278  
Conc: 52.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



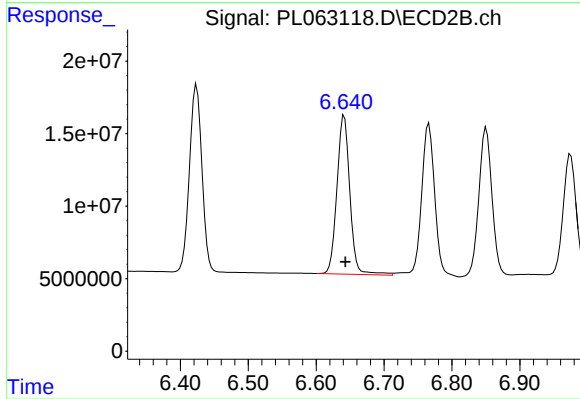
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: -0.002 min  
Response: 164461717  
Conc: 51.38 ng/ml



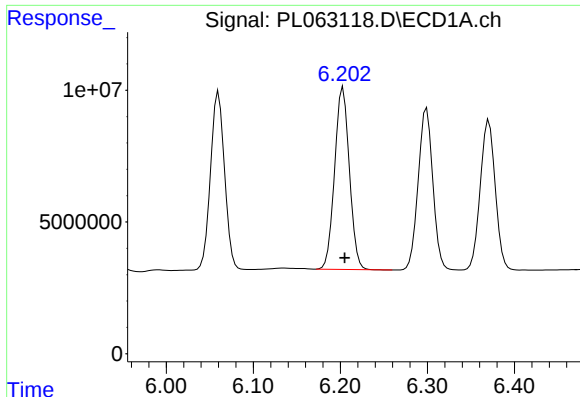
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 86523903  
Conc: 52.00 ng/ml



#14 Endrin

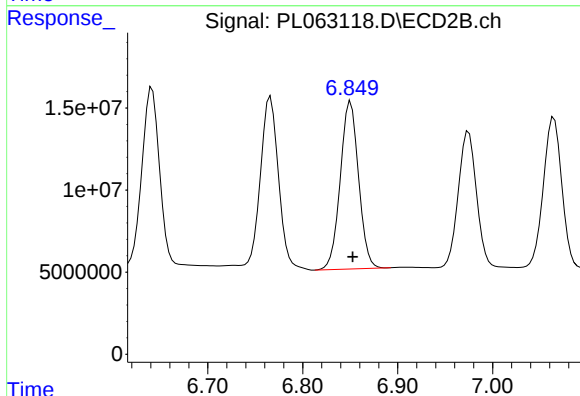
R.T.: 6.641 min  
Delta R.T.: -0.002 min  
Response: 145183060  
Conc: 52.02 ng/ml



#15 Endosulfan II

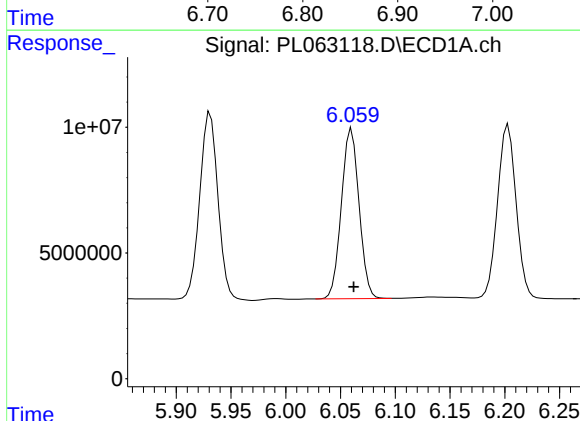
R.T.: 6.203 min  
Delta R.T.: -0.002 min  
Response: 81487831  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



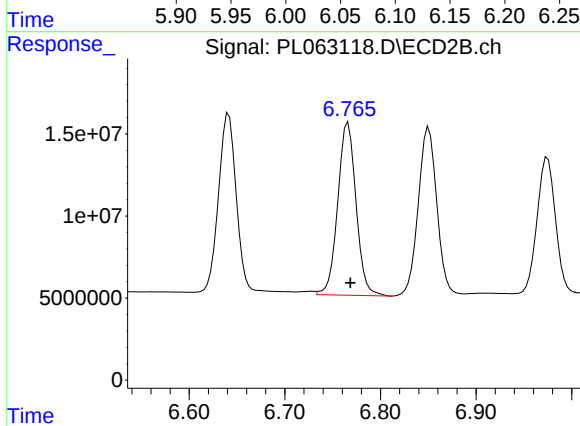
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 136778886  
Conc: 47.85 ng/ml



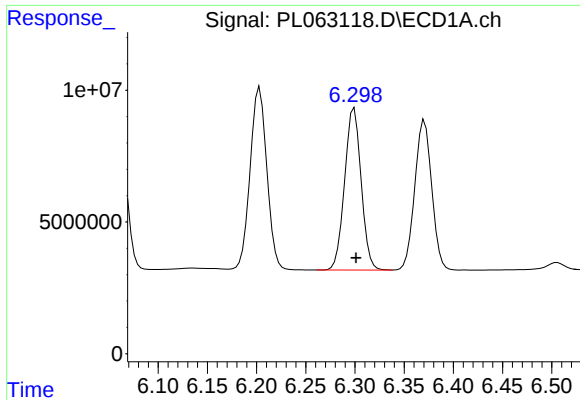
#16 4,4'-DDD

R.T.: 6.060 min  
Delta R.T.: -0.002 min  
Response: 75957923  
Conc: 53.70 ng/ml



#16 4,4'-DDD

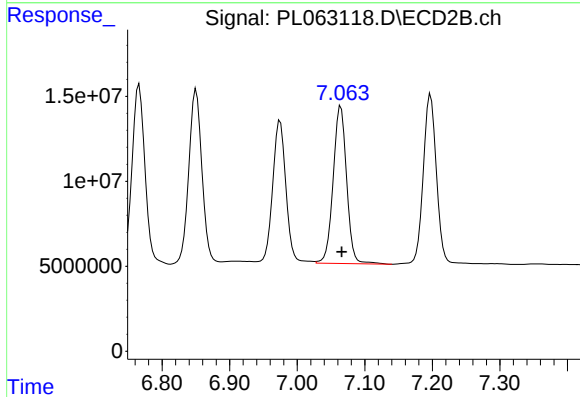
R.T.: 6.766 min  
Delta R.T.: -0.002 min  
Response: 140313329  
Conc: 54.81 ng/ml



#17 4,4'-DDT

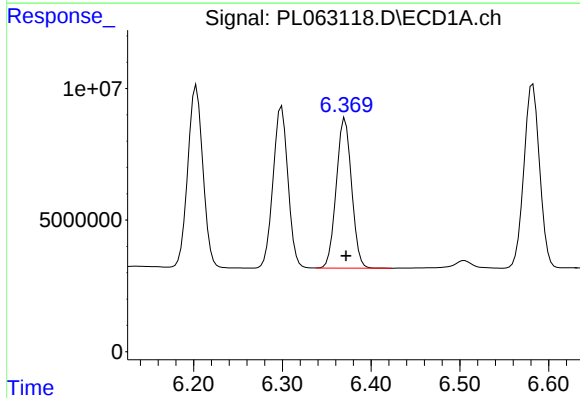
R.T.: 6.299 min  
Delta R.T.: -0.002 min  
Response: 71976825  
Conc: 53.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



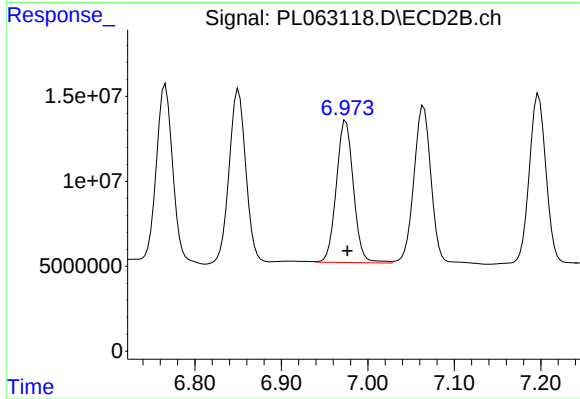
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.002 min  
Response: 129074020  
Conc: 57.49 ng/ml



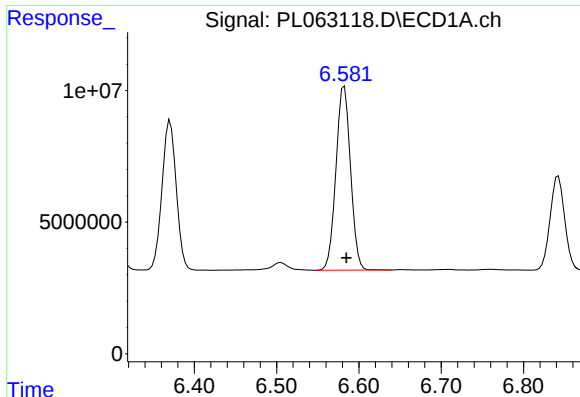
#18 Endrin aldehyde

R.T.: 6.371 min  
Delta R.T.: -0.001 min  
Response: 68355293  
Conc: 47.07 ng/ml



#18 Endrin aldehyde

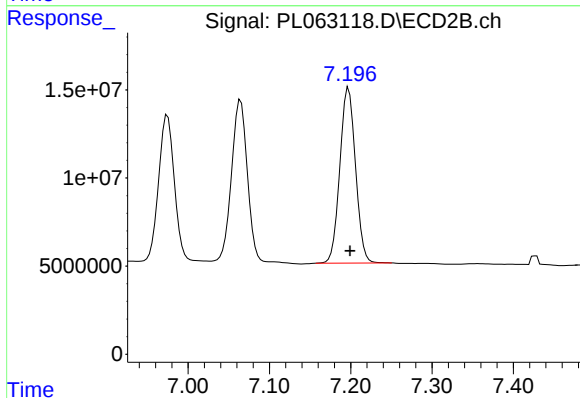
R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 114206775  
Conc: 50.08 ng/ml



#19 Endosulfan Sulfate

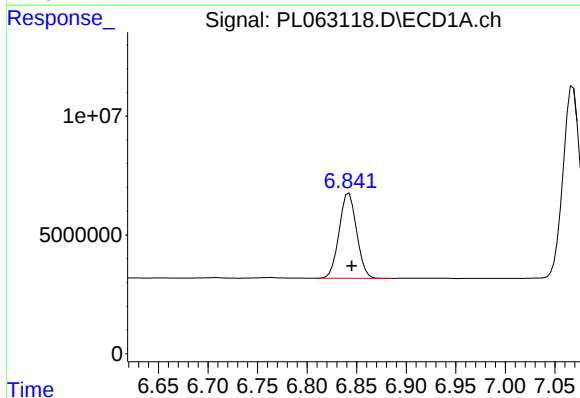
R.T.: 6.582 min  
Delta R.T.: -0.002 min  
Response: 86006714  
Conc: 52.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



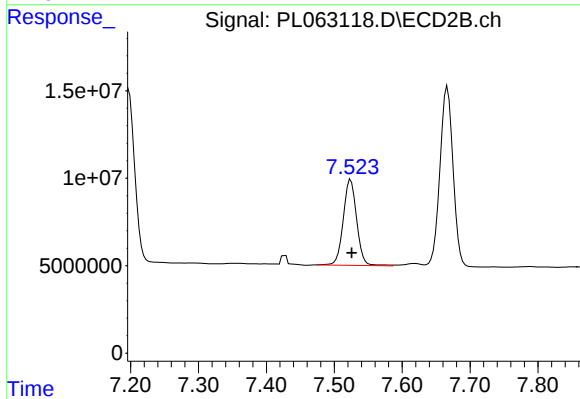
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: -0.002 min  
Response: 133069056  
Conc: 55.46 ng/ml



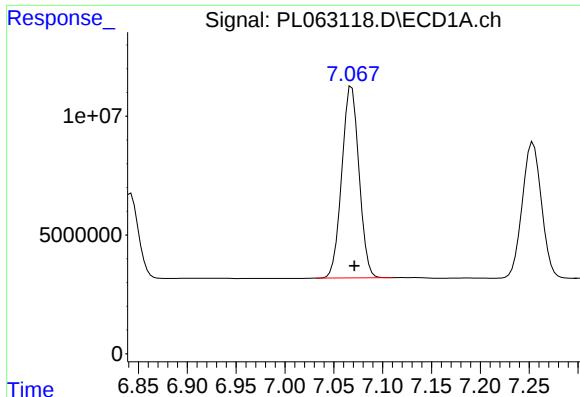
#20 Methoxychlor

R.T.: 6.842 min  
Delta R.T.: -0.003 min  
Response: 43973785  
Conc: 51.06 ng/ml



#20 Methoxychlor

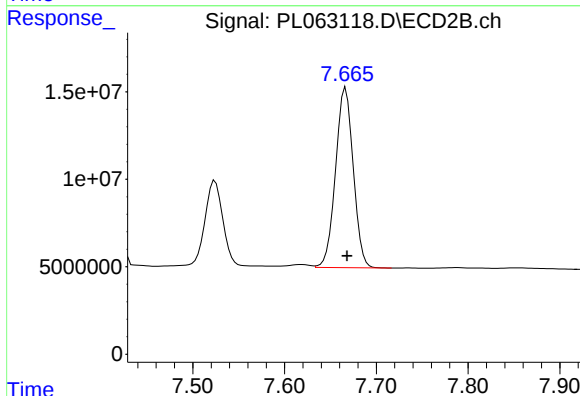
R.T.: 7.524 min  
Delta R.T.: -0.001 min  
Response: 67231009  
Conc: 54.42 ng/ml



#21 Endrin ketone

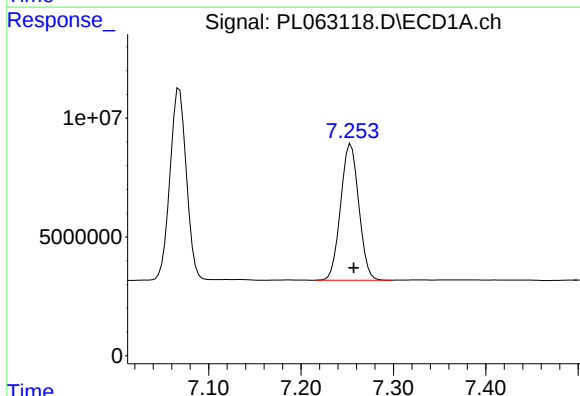
R.T.: 7.068 min  
Delta R.T.: -0.003 min  
Response: 99112718  
Conc: 54.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



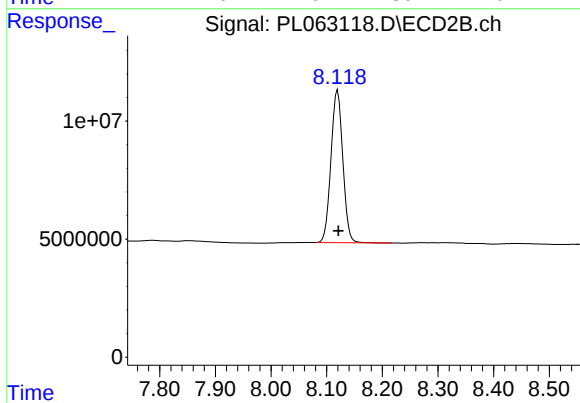
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: -0.002 min  
Response: 137871443  
Conc: 58.18 ng/ml



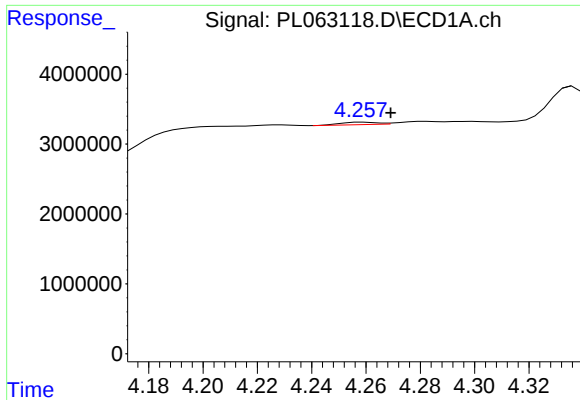
#22 Mirex

R.T.: 7.254 min  
Delta R.T.: -0.003 min  
Response: 78378974  
Conc: 55.29 ng/ml



#22 Mirex

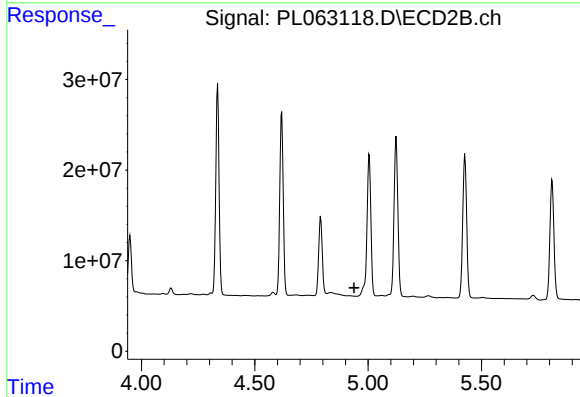
R.T.: 8.120 min  
Delta R.T.: -0.001 min  
Response: 95527440  
Conc: 56.06 ng/ml



#23 Chlordane-1

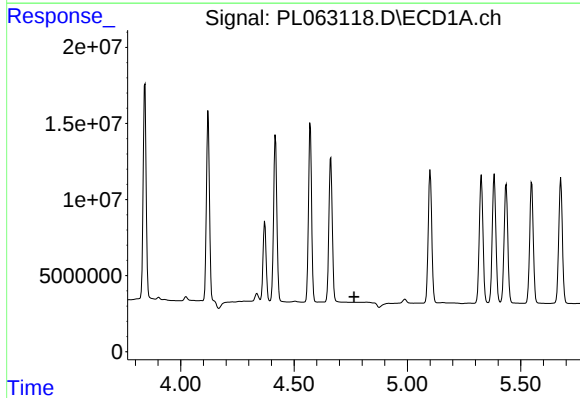
R.T.: 4.259 min  
Delta R.T.: -0.010 min  
Response: 328074  
Conc: 6.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



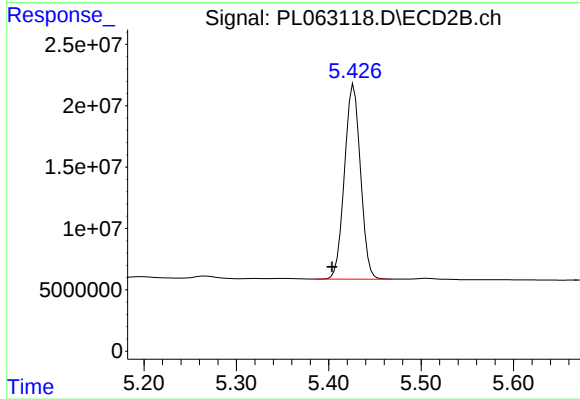
#23 Chlordane-1

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



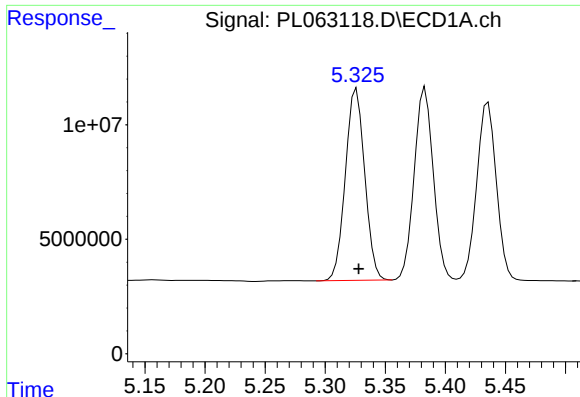
#24 Chlordane-2

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



#24 Chlordane-2

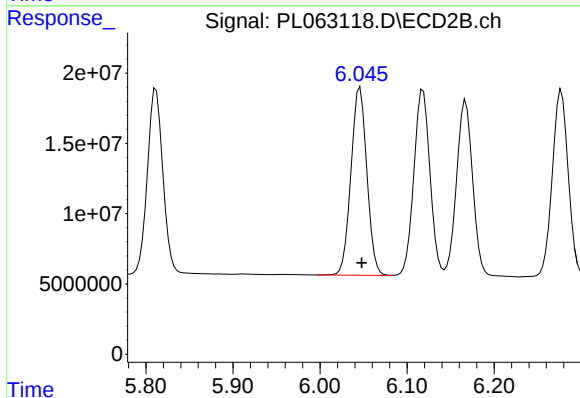
R.T.: 5.427 min  
Delta R.T.: 0.023 min  
Response: 191300144  
Conc: 1754.47 ng/ml



#25 Chlordane-3

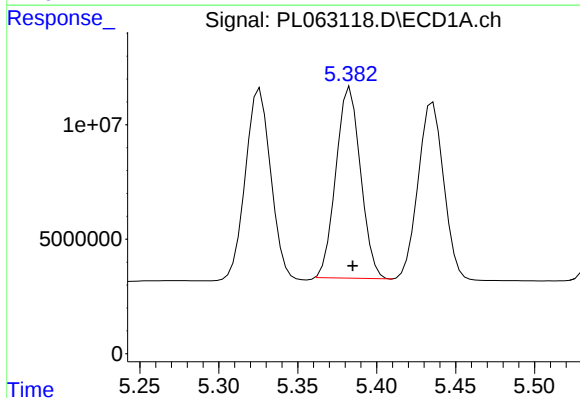
R.T.: 5.326 min  
Delta R.T.: -0.002 min  
Response: 94010140  
Conc: 613.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



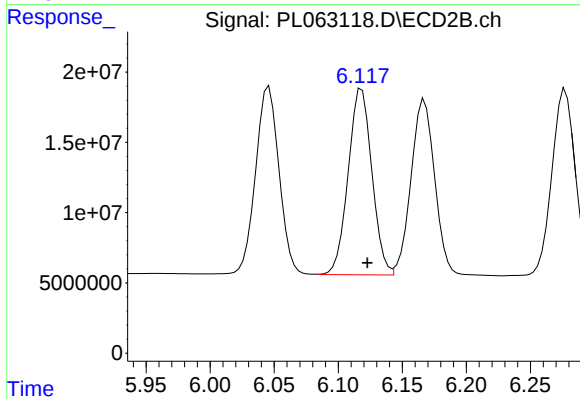
#25 Chlordane-3

R.T.: 6.046 min  
Delta R.T.: -0.002 min  
Response: 169924914  
Conc: 420.67 ng/ml



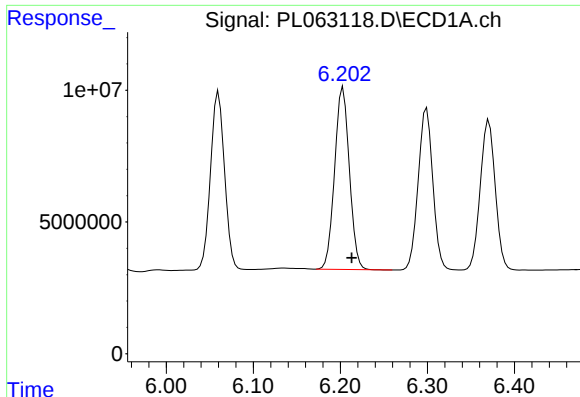
#26 Chlordane-4

R.T.: 5.383 min  
Delta R.T.: -0.001 min  
Response: 90764583  
Conc: 696.79 ng/ml



#26 Chlordane-4

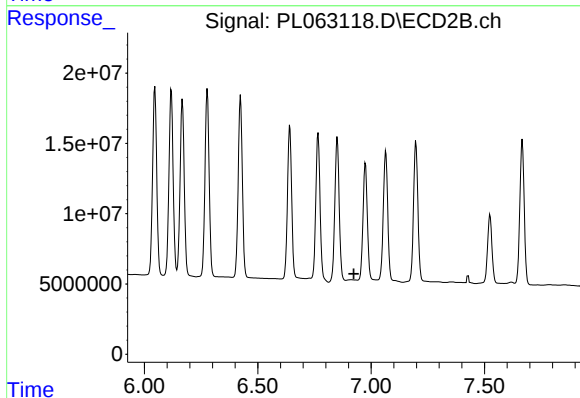
R.T.: 6.118 min  
Delta R.T.: -0.004 min  
Response: 170714267  
Conc: 352.51 ng/ml



#27 Chlordane-5

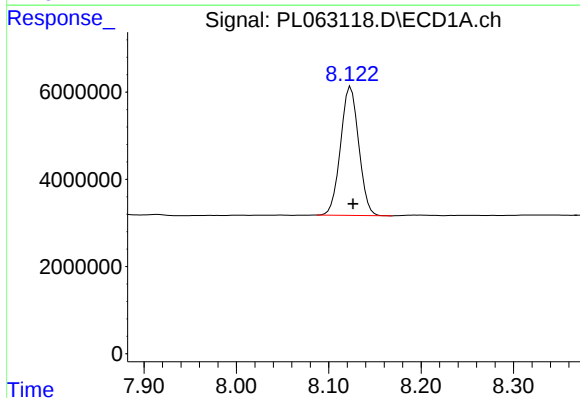
R.T.: 6.203 min  
Delta R.T.: -0.010 min  
Response: 81487831  
Conc: 1689.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



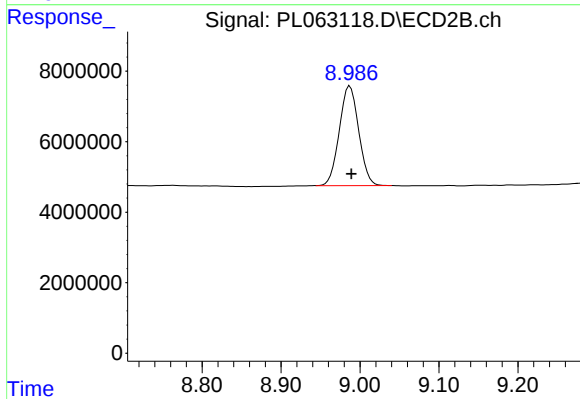
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.124 min  
Delta R.T.: -0.002 min  
Response: 40358763  
Conc: 25.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: -0.002 min  
Response: 48304218  
Conc: 23.08 ng/ml