

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121720\  
 Data File : PL063659.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2020 13:53  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 14:06:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121620.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 17 09:38:50 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... | 3.478 | 4.148  | 106.7E6  | 173.8E6  | 52.447   | 54.484     |
| 28)                         | SA Decachlor... | 8.225 | 9.336  | 111.6E6  | 138.9E6  | 51.094   | 51.843     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.917 | 4.552  | 173.5E6  | 259.5E6  | 53.299   | 55.320     |
| 3)                          | MA gamma-BHC... | 4.199 | 4.845  | 163.1E6  | 242.9E6  | 54.134   | 55.678     |
| 4)                          | MA Heptachlor   | 4.502 | 5.360  | 164.6E6  | 233.2E6  | 53.165   | 55.216     |
| 5)                          | MB Aldrin       | 4.749 | 5.672  | 154.5E6  | 213.1E6  | 53.833   | 55.607     |
| 6)                          | B beta-BHC      | 4.447 | 5.021  | 68649521 | 111.1E6  | 53.317   | 53.594     |
| 7)                          | B delta-BHC     | 4.651 | 5.244  | 161.7E6  | 227.1E6  | 52.687   | 56.397     |
| 8)                          | B Heptachlo...  | 5.190 | 6.066  | 147.3E6  | 198.7E6  | 53.587   | 54.515     |
| 9)                          | A Endosulfan I  | 5.527 | 6.430  | 137.9E6  | 179.3E6  | 53.258   | 55.552     |
| 10)                         | B gamma-Chl...  | 5.417 | 6.302  | 149.5E6  | 198.8E6  | 53.815   | 55.284     |
| 11)                         | B alpha-Chl...  | 5.475 | 6.375  | 148.7E6  | 194.6E6  | 53.890   | 55.884     |
| 12)                         | B 4,4'-DDE      | 5.641 | 6.531  | 134.2E6  | 178.9E6  | 54.586   | 55.400     |
| 13)                         | MA Dieldrin     | 5.770 | 6.692  | 142.9E6  | 188.6E6  | 54.397   | 54.513     |
| 14)                         | MA Endrin       | 6.025 | 6.914  | 123.9E6  | 135.5E6  | 52.464   | 51.110     |
| 15)                         | B Endosulfa...  | 6.297 | 7.127  | 127.7E6  | 159.6E6  | 52.551   | 54.611     |
| 16)                         | A 4,4'-DDD      | 6.153 | 7.030  | 114.7E6  | 147.4E6  | 55.793   | 54.504     |
| 17)                         | MA 4,4'-DDT     | 6.394 | 7.330  | 106.1E6  | 132.1E6  | 54.673   | 54.334     |
| 18)                         | B Endrin al...  | 6.465 | 7.252  | 106.8E6  | 135.0E6  | 52.232   | 54.845     |
| 19)                         | B Endosulfa...  | 6.677 | 7.476  | 123.5E6  | 154.3E6  | 53.344   | 53.720     |
| 20)                         | A Methoxychlor  | 6.940 | 7.789  | 61185231 | 78305175 | 53.241   | 56.039     |
| 21)                         | B Endrin ke...  | 7.165 | 7.957  | 146.4E6  | 166.3E6  | 54.384   | 55.480     |
| 22)                         | Mirex           | 7.354 | 8.411  | 104.6E6  | 117.5E6  | 52.973   | 53.612     |
| 24)                         | Chlordane-2     | 0.000 | 5.672f | 0        | 213.1E6  | N.D.     | 1709.616 # |
| 25)                         | Chlordane-3     | 5.417 | 6.302  | 149.5E6  | 198.8E6  | 607.852  | 429.980 #  |
| 26)                         | Chlordane-4     | 5.475 | 6.375  | 148.7E6  | 194.6E6  | 733.218  | 355.008 #  |
| 27)                         | Chlordane-5     | 6.297 | 0.000  | 127.7E6  | 0        | 1520.006 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

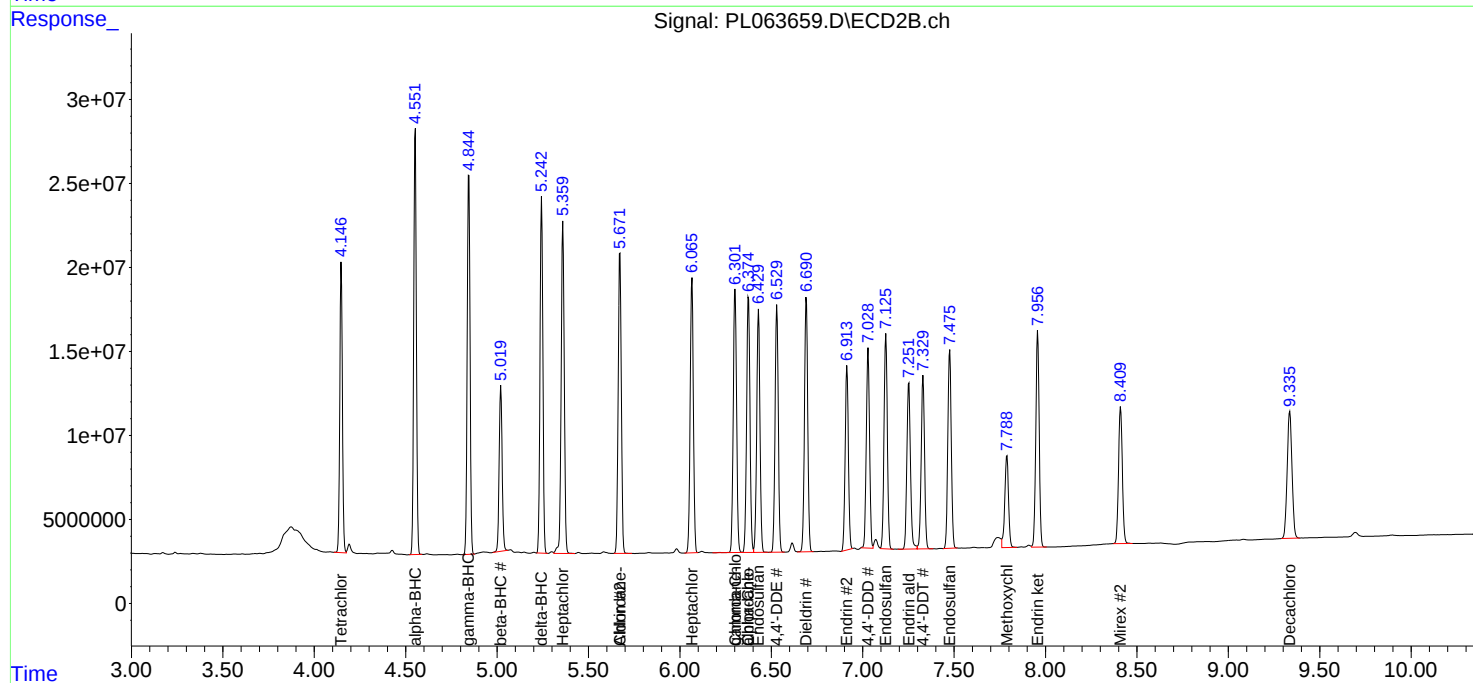
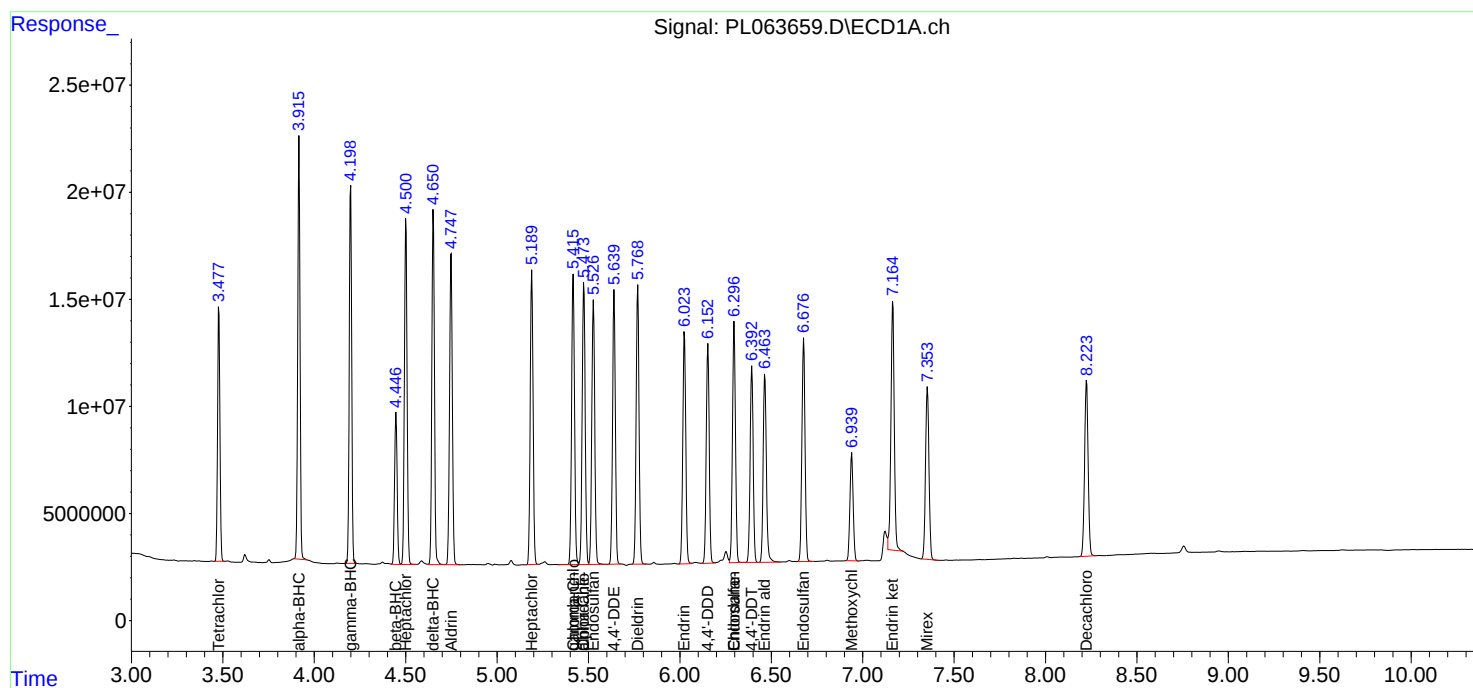
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

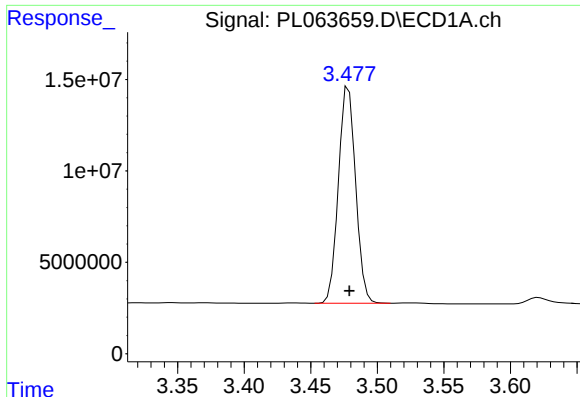
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121720\  
Data File : PL063659.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2020 13:53  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 14:06:42 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121620.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 17 09:38:50 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

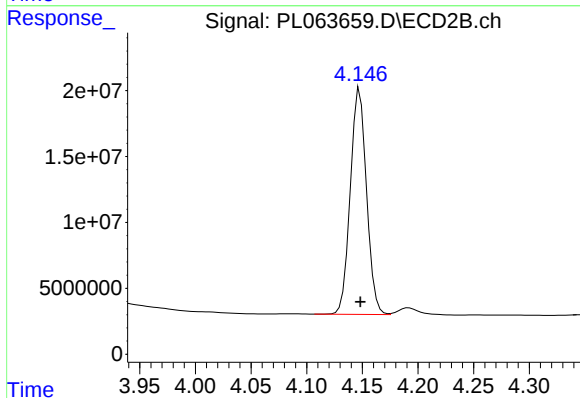




#1 Tetrachloro-m-xylene

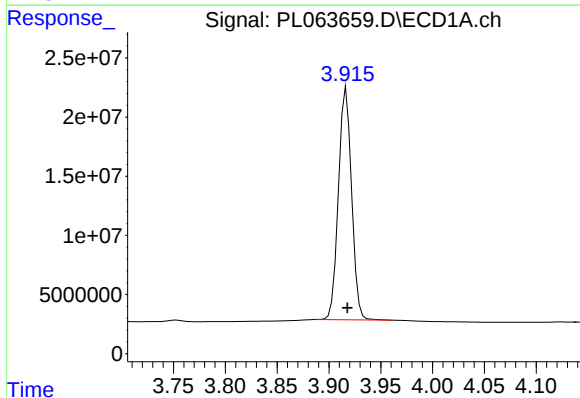
R.T.: 3.478 min  
Delta R.T.: 0.000 min  
Response: 106678385  
Conc: 52.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



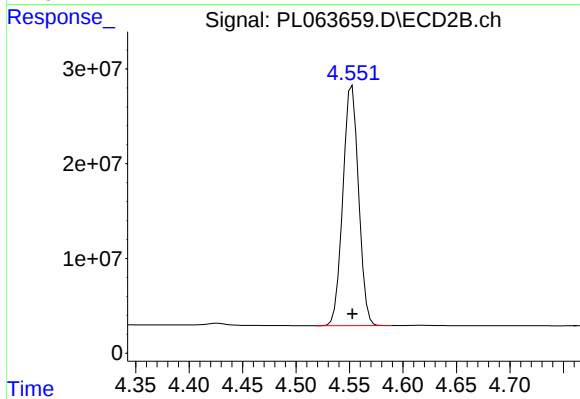
#1 Tetrachloro-m-xylene

R.T.: 4.148 min  
Delta R.T.: 0.000 min  
Response: 173798210  
Conc: 54.48 ng/ml



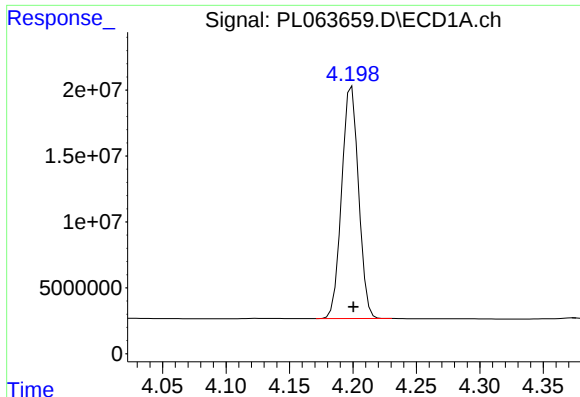
#2 alpha-BHC

R.T.: 3.917 min  
Delta R.T.: -0.001 min  
Response: 173471106  
Conc: 53.30 ng/ml



#2 alpha-BHC

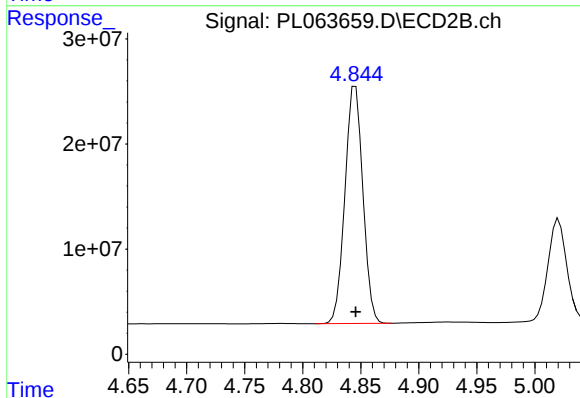
R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 259533277  
Conc: 55.32 ng/ml



#3 gamma-BHC (Lindane)

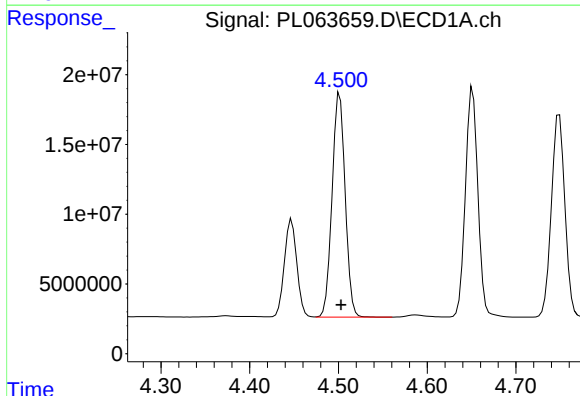
R.T.: 4.199 min  
Delta R.T.: -0.001 min  
Response: 163092526  
Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



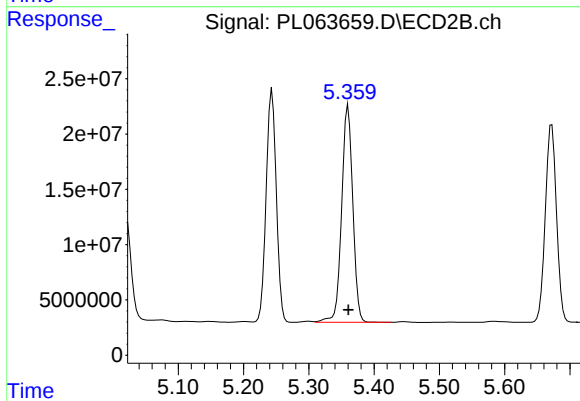
#3 gamma-BHC (Lindane)

R.T.: 4.845 min  
Delta R.T.: 0.000 min  
Response: 242867520  
Conc: 55.68 ng/ml



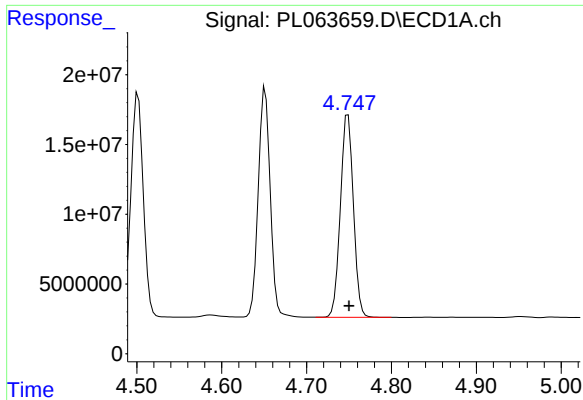
#4 Heptachlor

R.T.: 4.502 min  
Delta R.T.: -0.002 min  
Response: 164601339  
Conc: 53.16 ng/ml



#4 Heptachlor

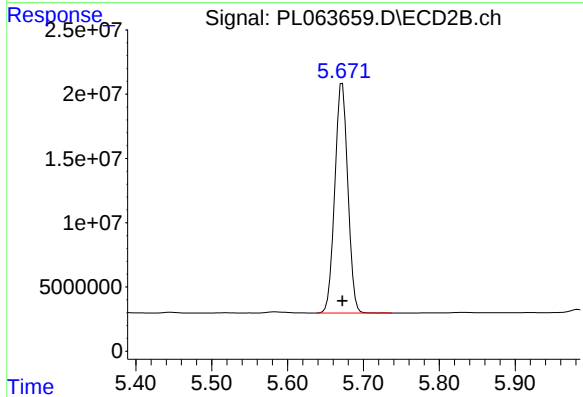
R.T.: 5.360 min  
Delta R.T.: 0.000 min  
Response: 233176355  
Conc: 55.22 ng/ml



#5 Aldrin

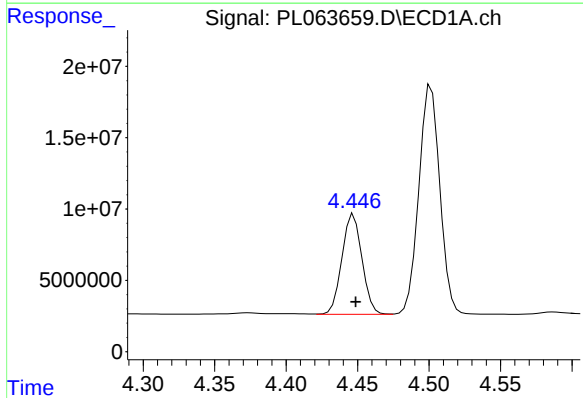
R.T.: 4.749 min  
Delta R.T.: -0.001 min  
Response: 154466961  
Conc: 53.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



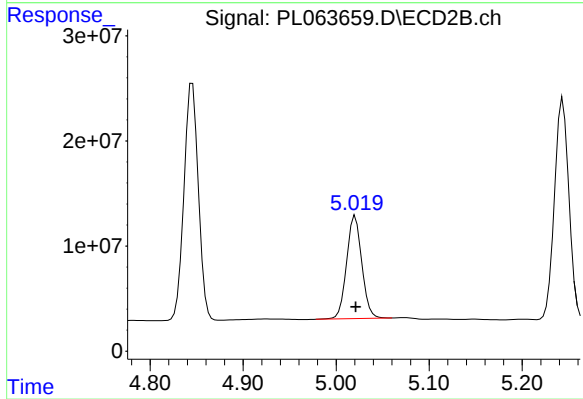
#5 Aldrin

R.T.: 5.672 min  
Delta R.T.: 0.000 min  
Response: 213074721  
Conc: 55.61 ng/ml



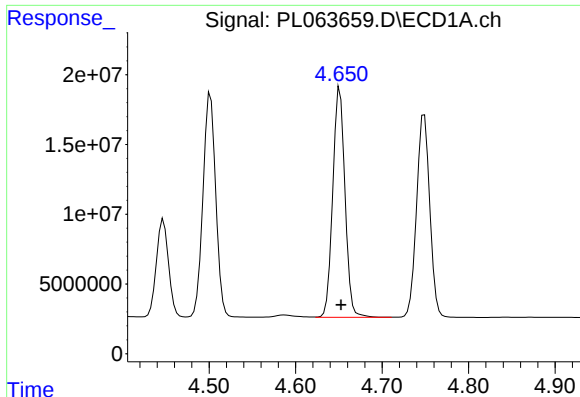
#6 beta-BHC

R.T.: 4.447 min  
Delta R.T.: -0.001 min  
Response: 68649521  
Conc: 53.32 ng/ml



#6 beta-BHC

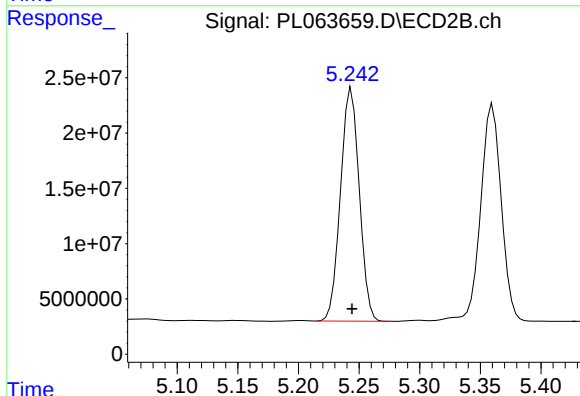
R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 111101566  
Conc: 53.59 ng/ml



#7 delta-BHC

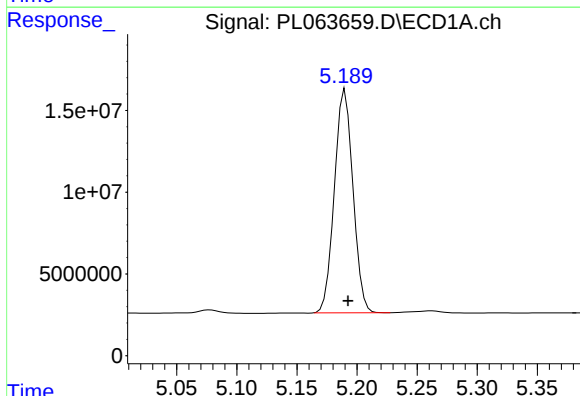
R.T.: 4.651 min  
Delta R.T.: -0.001 min  
Response: 161727399  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



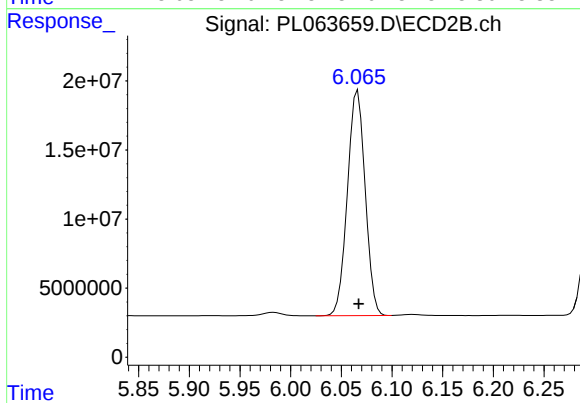
#7 delta-BHC

R.T.: 5.244 min  
Delta R.T.: 0.000 min  
Response: 227104000  
Conc: 56.40 ng/ml



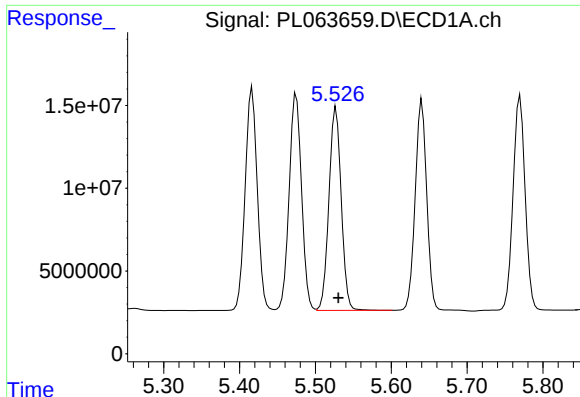
#8 Heptachlor epoxide

R.T.: 5.190 min  
Delta R.T.: -0.002 min  
Response: 147258056  
Conc: 53.59 ng/ml



#8 Heptachlor epoxide

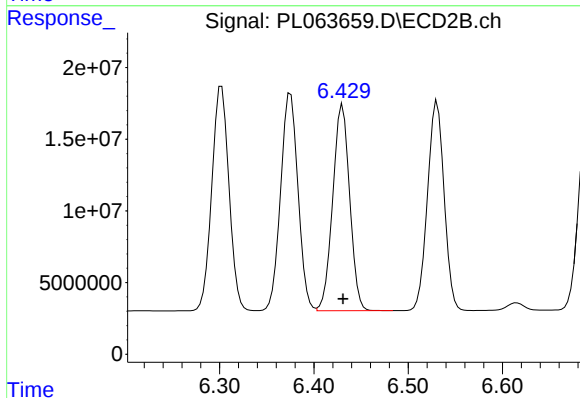
R.T.: 6.066 min  
Delta R.T.: -0.001 min  
Response: 198701320  
Conc: 54.52 ng/ml



#9 Endosulfan I

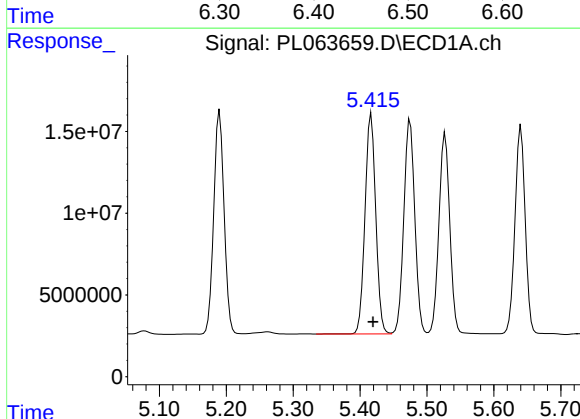
R.T.: 5.527 min  
Delta R.T.: -0.003 min  
Response: 137937564  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



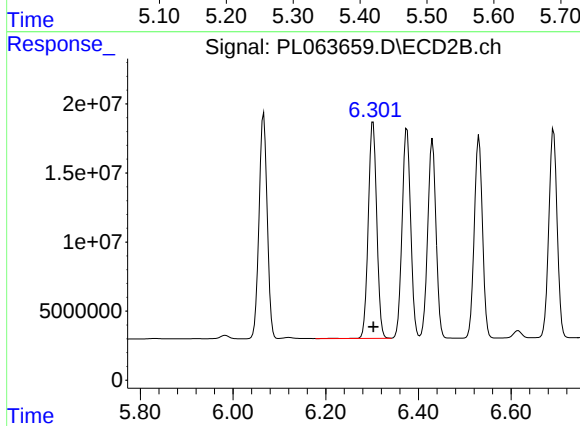
#9 Endosulfan I

R.T.: 6.430 min  
Delta R.T.: 0.000 min  
Response: 179320354  
Conc: 55.55 ng/ml



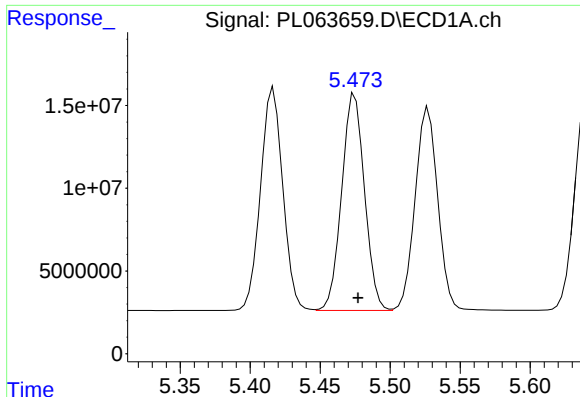
#10 gamma-Chlordane

R.T.: 5.417 min  
Delta R.T.: -0.003 min  
Response: 149529343  
Conc: 53.81 ng/ml



#10 gamma-Chlordane

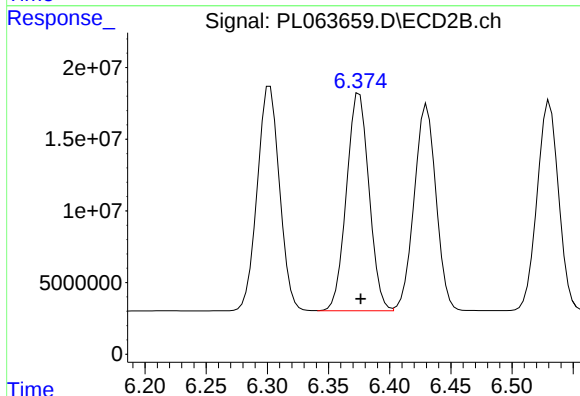
R.T.: 6.302 min  
Delta R.T.: -0.001 min  
Response: 198793189  
Conc: 55.28 ng/ml



#11 alpha-Chlordane

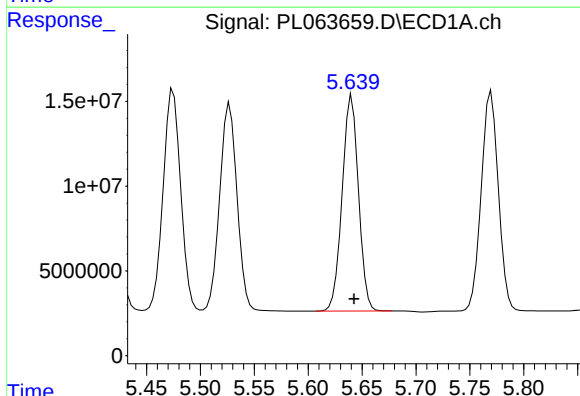
R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 148746084  
Conc: 53.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



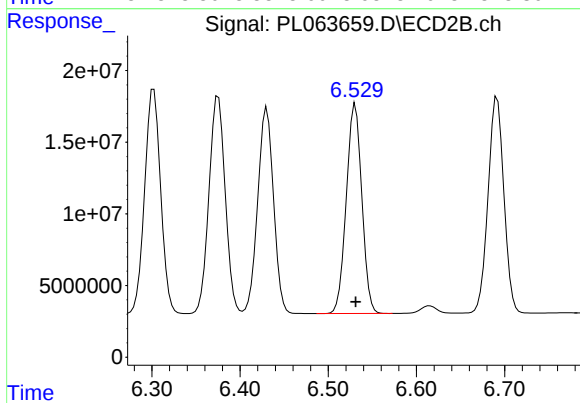
#11 alpha-Chlordane

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 194624922  
Conc: 55.88 ng/ml



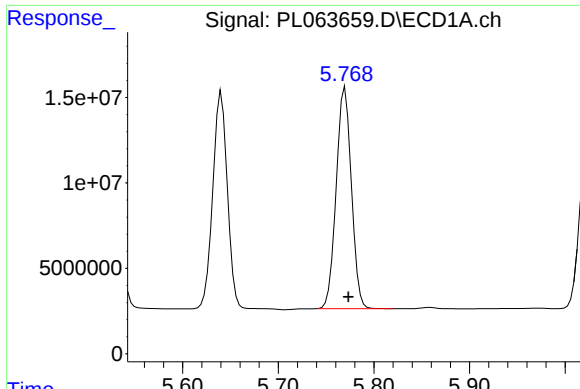
#12 4,4'-DDE

R.T.: 5.641 min  
Delta R.T.: -0.002 min  
Response: 134211053  
Conc: 54.59 ng/ml



#12 4,4'-DDE

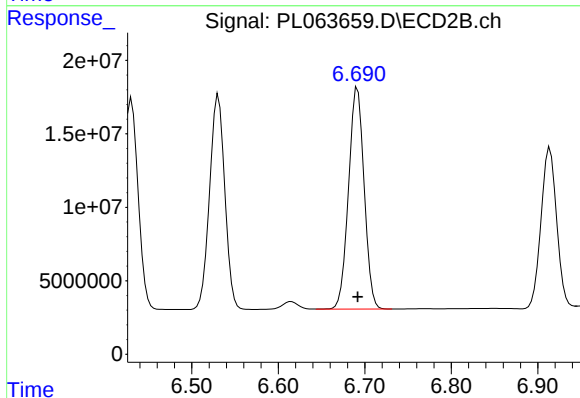
R.T.: 6.531 min  
Delta R.T.: 0.000 min  
Response: 178855230  
Conc: 55.40 ng/ml



#13 Dieldrin

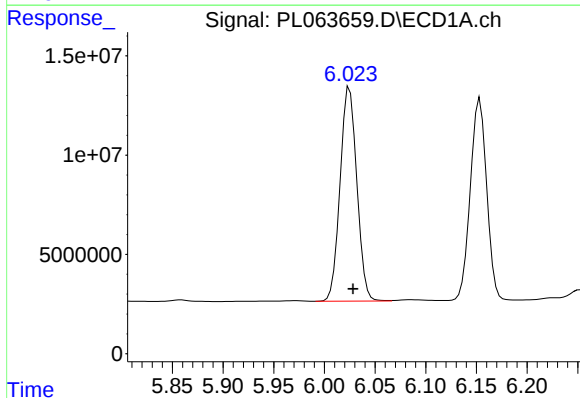
R.T.: 5.770 min  
Delta R.T.: -0.003 min  
Response: 142927979  
Conc: 54.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



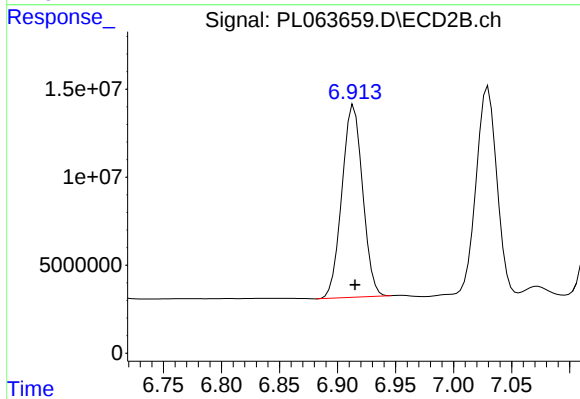
#13 Dieldrin

R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 188615161  
Conc: 54.51 ng/ml



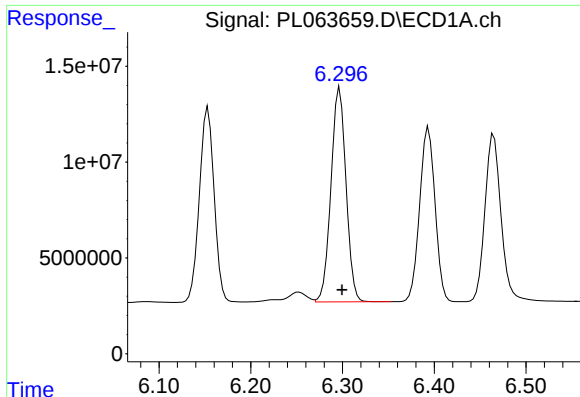
#14 Endrin

R.T.: 6.025 min  
Delta R.T.: -0.003 min  
Response: 123888420  
Conc: 52.46 ng/ml



#14 Endrin

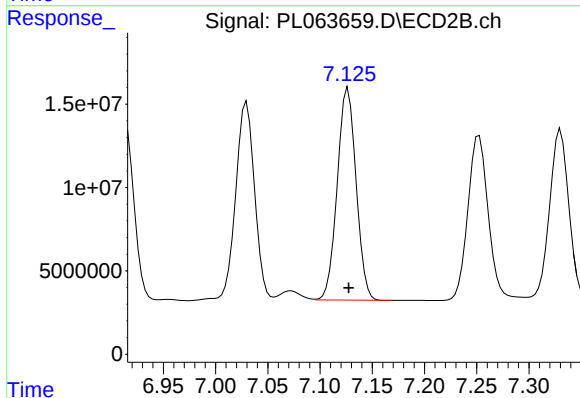
R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 135476417  
Conc: 51.11 ng/ml



#15 Endosulfan II

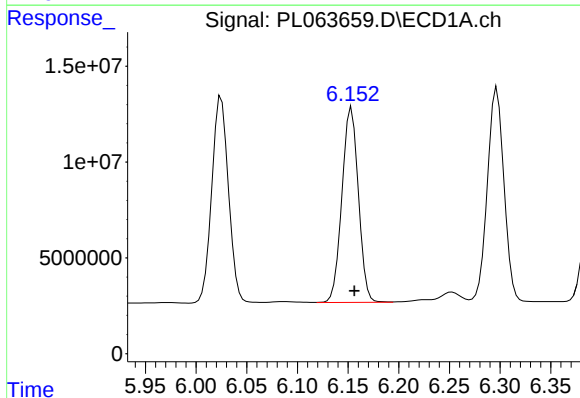
R.T.: 6.297 min  
Delta R.T.: -0.003 min  
Response: 127682434  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



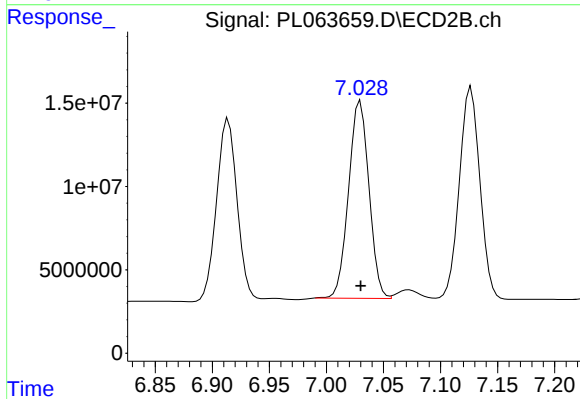
#15 Endosulfan II

R.T.: 7.127 min  
Delta R.T.: 0.000 min  
Response: 159611139  
Conc: 54.61 ng/ml



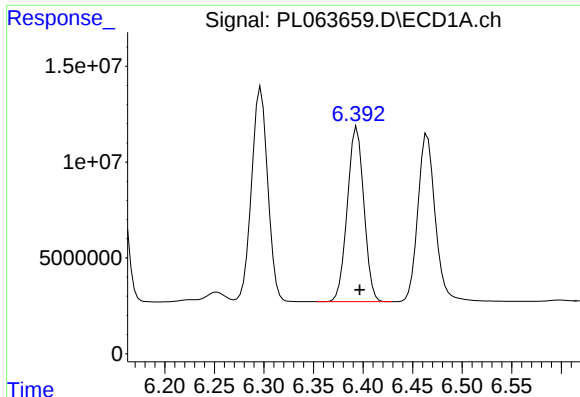
#16 4,4'-DDD

R.T.: 6.153 min  
Delta R.T.: -0.003 min  
Response: 114709073  
Conc: 55.79 ng/ml



#16 4,4'-DDD

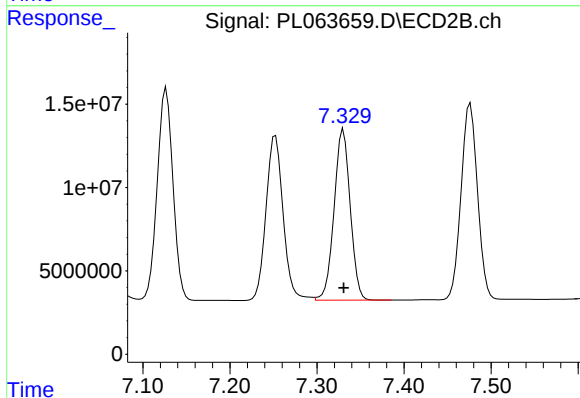
R.T.: 7.030 min  
Delta R.T.: 0.000 min  
Response: 147430712  
Conc: 54.50 ng/ml



#17 4,4'-DDT

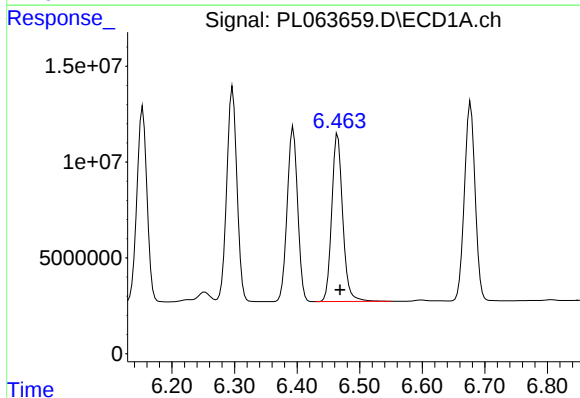
R.T.: 6.394 min  
Delta R.T.: -0.003 min  
Response: 106116839  
Conc: 54.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



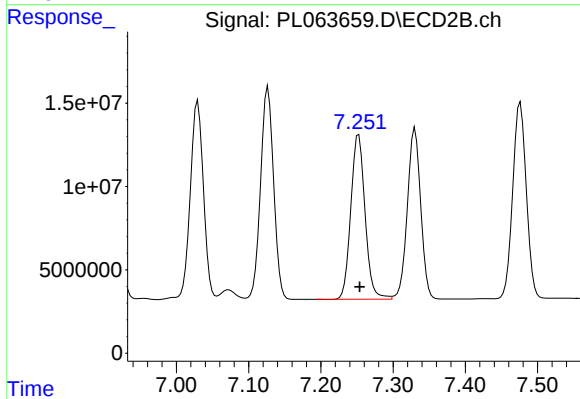
#17 4,4'-DDT

R.T.: 7.330 min  
Delta R.T.: 0.000 min  
Response: 132070763  
Conc: 54.33 ng/ml



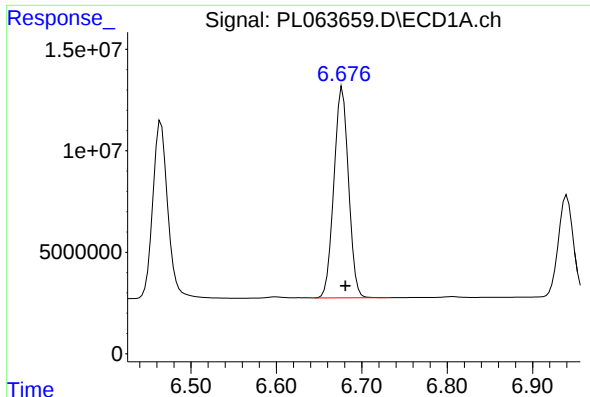
#18 Endrin aldehyde

R.T.: 6.465 min  
Delta R.T.: -0.004 min  
Response: 106834059  
Conc: 52.23 ng/ml



#18 Endrin aldehyde

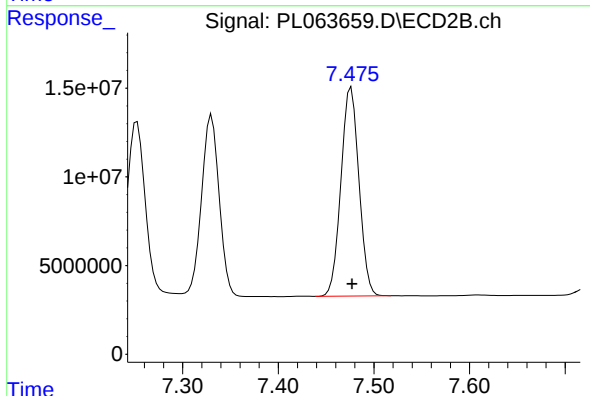
R.T.: 7.252 min  
Delta R.T.: -0.001 min  
Response: 135000474  
Conc: 54.84 ng/ml



#19 Endosulfan Sulfate

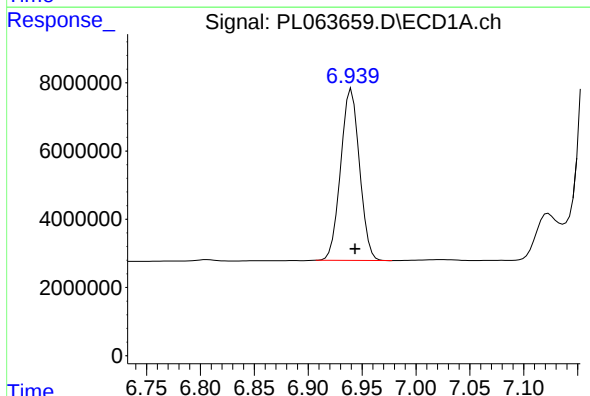
R.T.: 6.677 min  
Delta R.T.: -0.004 min  
Response: 123475930  
Conc: 53.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



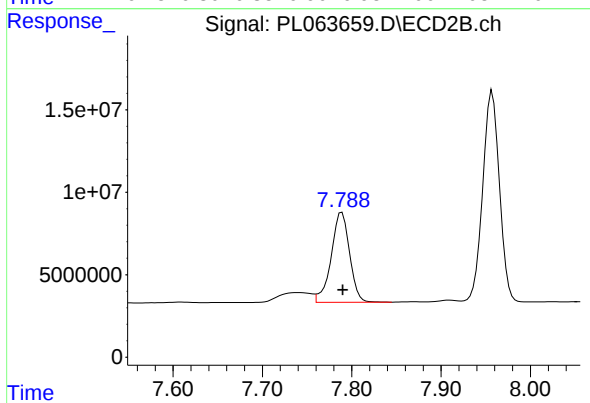
#19 Endosulfan Sulfate

R.T.: 7.476 min  
Delta R.T.: -0.001 min  
Response: 154343686  
Conc: 53.72 ng/ml



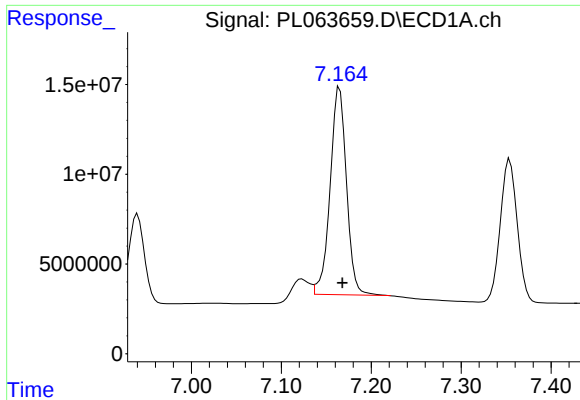
#20 Methoxychlor

R.T.: 6.940 min  
Delta R.T.: -0.003 min  
Response: 61185231  
Conc: 53.24 ng/ml



#20 Methoxychlor

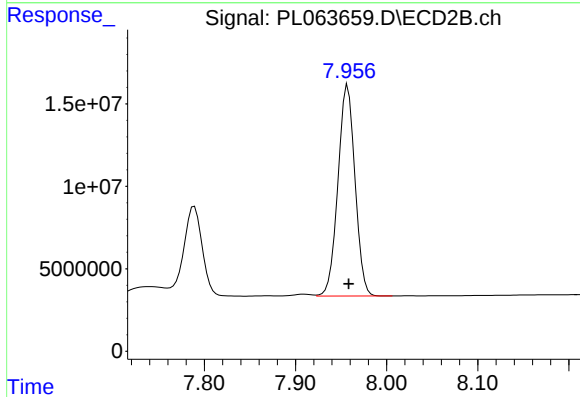
R.T.: 7.789 min  
Delta R.T.: 0.000 min  
Response: 78305175  
Conc: 56.04 ng/ml



#21 Endrin ketone

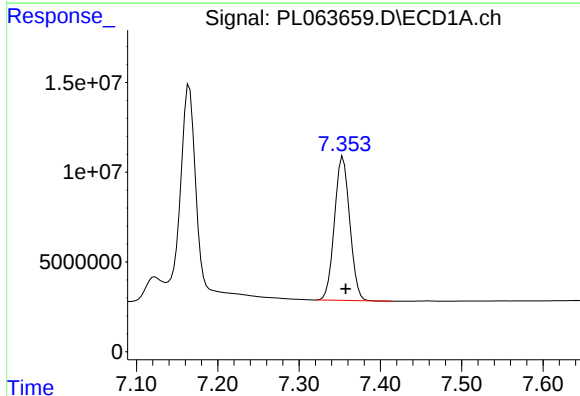
R.T.: 7.165 min  
Delta R.T.: -0.003 min  
Response: 146426215  
Conc: 54.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



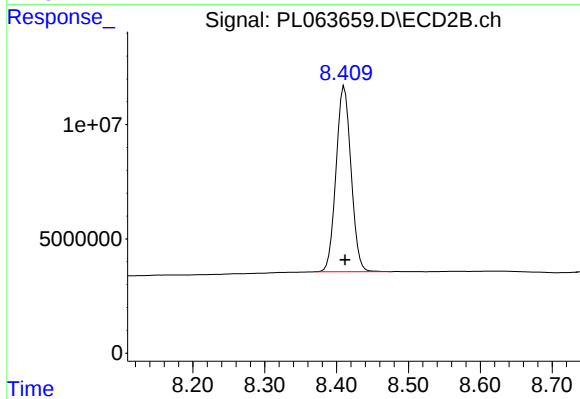
#21 Endrin ketone

R.T.: 7.957 min  
Delta R.T.: -0.001 min  
Response: 166294896  
Conc: 55.48 ng/ml



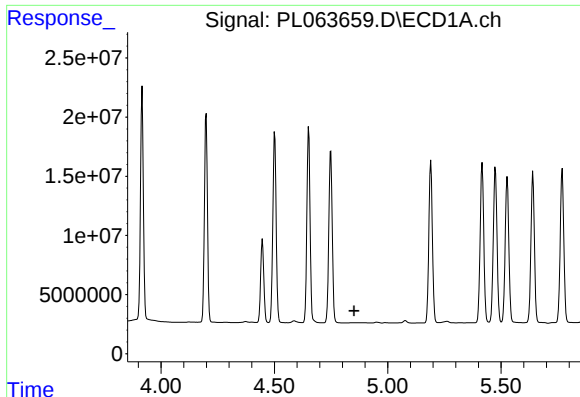
#22 Mirex

R.T.: 7.354 min  
Delta R.T.: -0.003 min  
Response: 104598646  
Conc: 52.97 ng/ml



#22 Mirex

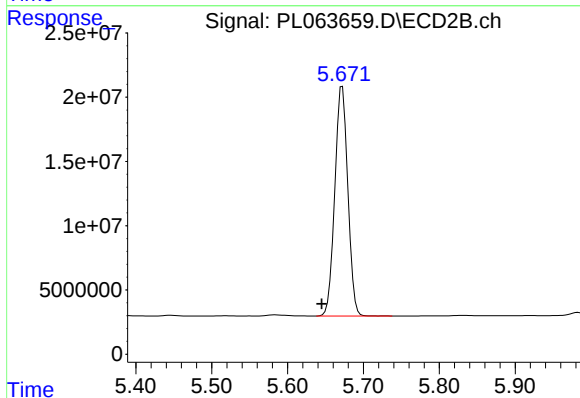
R.T.: 8.411 min  
Delta R.T.: -0.001 min  
Response: 117523868  
Conc: 53.61 ng/ml



#24 Chlordane-2

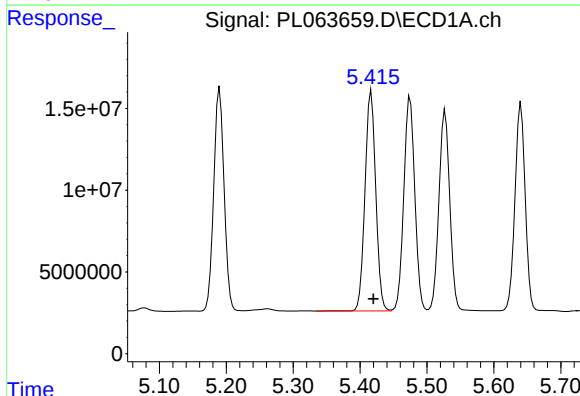
R.T.: 0.000 min  
Exp R.T.: 4.852 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



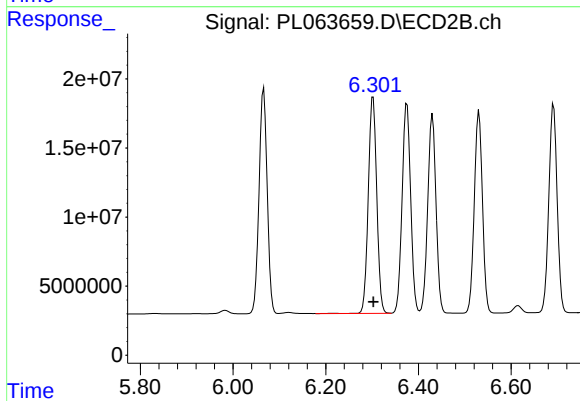
#24 Chlordane-2

R.T.: 5.672 min  
Delta R.T.: 0.027 min  
Response: 213074721  
Conc: 1709.62 ng/ml



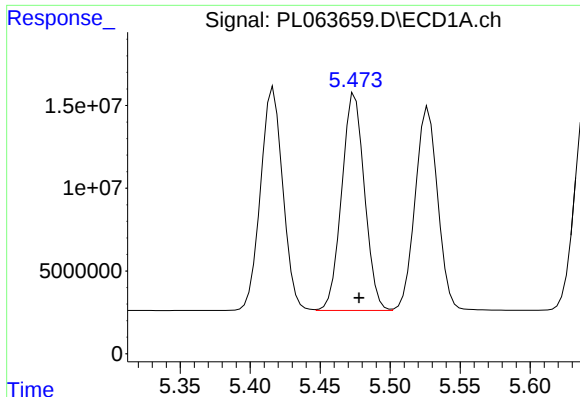
#25 Chlordane-3

R.T.: 5.417 min  
Delta R.T.: -0.003 min  
Response: 149529343  
Conc: 607.85 ng/ml



#25 Chlordane-3

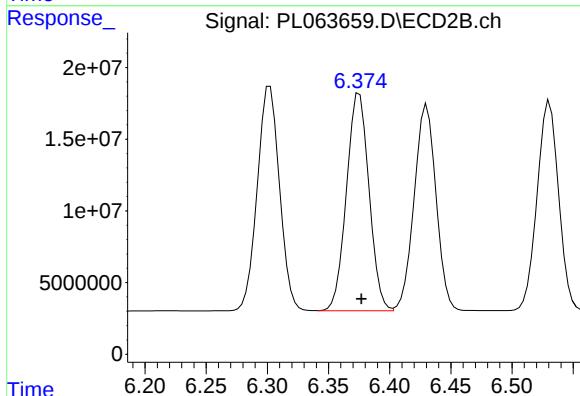
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 198793189  
Conc: 429.98 ng/ml



#26 Chlordane-4

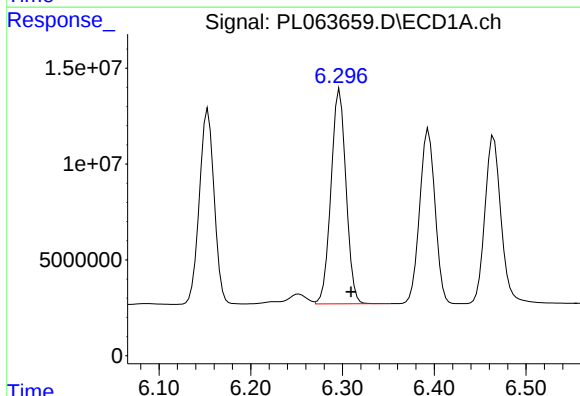
R.T.: 5.475 min  
Delta R.T.: -0.003 min  
Response: 148746084  
Conc: 733.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



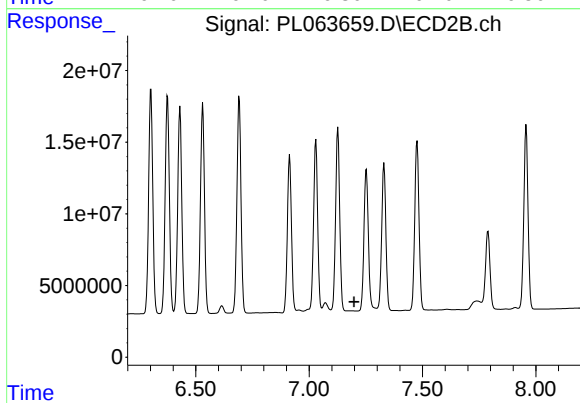
#26 Chlordane-4

R.T.: 6.375 min  
Delta R.T.: -0.001 min  
Response: 194624922  
Conc: 355.01 ng/ml



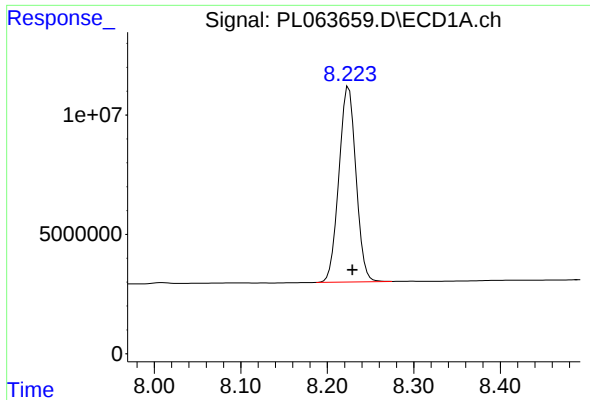
#27 Chlordane-5

R.T.: 6.297 min  
Delta R.T.: -0.013 min  
Response: 127682434  
Conc: 1520.01 ng/ml



#27 Chlordane-5

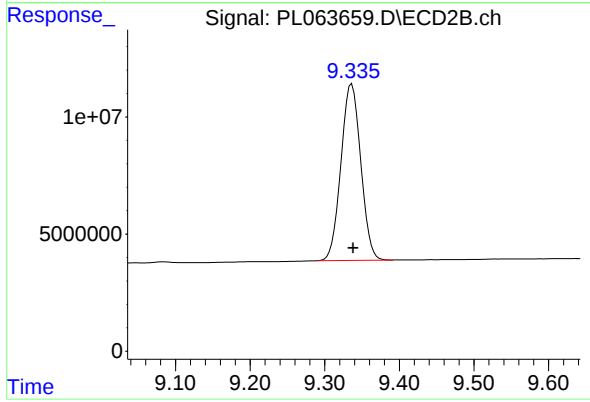
R.T.: 0.000 min  
Exp R.T.: 7.199 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.225 min  
Delta R.T.: -0.004 min  
Response: 111628658  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.336 min  
Delta R.T.: -0.002 min  
Response: 138892470  
Conc: 51.84 ng/ml