

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062420\  
 Data File : PL059458.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jun 2020 09:32  
 Operator : AJ\MA  
 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: Jun 24 16:55:06 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062220.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 22 14:09:48 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... | 3.521 | 4.072  | 87681374 | 129.0E6  | 48.790   | 49.969    |
| 28)                         | SA Decachlor... | 8.293 | 9.187  | 81678478 | 108.5E6  | 47.967   | 47.399    |
| Target Compounds            |                 |       |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.962 | 4.465  | 128.8E6  | 175.4E6  | 49.896   | 51.500    |
| 3)                          | MA gamma-BHC... | 4.248 | 4.753  | 113.0E6  | 160.9E6  | 49.544   | 51.416    |
| 4)                          | MA Heptachlor   | 4.553 | 5.268  | 98155933 | 161.2E6  | 46.028   | 49.782    |
| 5)                          | MB Aldrin       | 4.803 | 5.576  | 72017367 | 150.7E6  | 40.471   | 48.919    |
| 6)                          | B beta-BHC      | 4.497 | 4.921  | 45748583 | 66967856 | 48.040   | 49.239    |
| 7)                          | B delta-BHC     | 4.704 | 5.142  | 83696768 | 155.9E6  | 41.035   | 56.034 #  |
| 8)                          | B Heptachlo...  | 5.247 | 5.963  | 72070519 | 142.2E6  | 47.945   | 56.655    |
| 9)                          | A Endosulfan I  | 5.588 | 6.323  | 72177429 | 130.7E6  | 49.061   | 48.150    |
| 10)                         | B gamma-Chl...  | 5.475 | 6.198  | 75027538 | 142.6E6  | 48.918   | 48.673    |
| 11)                         | B alpha-Chl...  | 5.535 | 6.272  | 75955793 | 143.0E6  | 48.876   | 48.555    |
| 12)                         | B 4,4'-DDE      | 5.697 | 6.427  | 72549304 | 129.6E6  | 49.929   | 47.997    |
| 13)                         | MA Dieldrin     | 5.832 | 6.581  | 77898321 | 136.3E6  | 49.379   | 48.422    |
| 14)                         | MA Endrin       | 6.089 | 6.800  | 73018762 | 115.1E6  | 48.057   | 46.614    |
| 15)                         | B Endosulfa...  | 6.362 | 7.008  | 74647253 | 120.2E6  | 48.339   | 47.408    |
| 16)                         | A 4,4'-DDD      | 6.213 | 6.918  | 64072490 | 108.3E6  | 49.099   | 48.668    |
| 17)                         | MA 4,4'-DDT     | 6.455 | 7.219  | 65420099 | 108.0E6  | 49.615   | 47.531    |
| 18)                         | B Endrin al...  | 6.529 | 7.133  | 63745009 | 104.4E6  | 48.231   | 47.617    |
| 19)                         | B Endosulfa...  | 6.742 | 7.356  | 73623086 | 115.0E6  | 48.492   | 47.498    |
| 20)                         | A Methoxychlor  | 7.000 | 7.675  | 38689035 | 61676680 | 47.739   | 46.462    |
| 21)                         | B Endrin ke...  | 7.235 | 7.829  | 85781100 | 123.2E6  | 49.199   | 47.692    |
| 22)                         | Mirex           | 7.428 | 8.287  | 67670981 | 93314023 | 47.923   | 47.244    |
| 23)                         | Chlordane-1     | 4.396 | 5.048f | 1356979  | 297379   | 23.846   | 2.943 #   |
| 25)                         | Chlordane-3     | 5.475 | 6.198  | 75027538 | 142.6E6  | 530.059  | 363.614 # |
| 26)                         | Chlordane-4     | 5.535 | 6.272  | 75955793 | 143.0E6  | 643.395  | 300.930 # |
| 27)                         | Chlordane-5     | 6.362 | 0.000  | 74647253 | 0        | 1330.157 | N.D. #    |
| -----                       |                 |       |        |          |          |          |           |

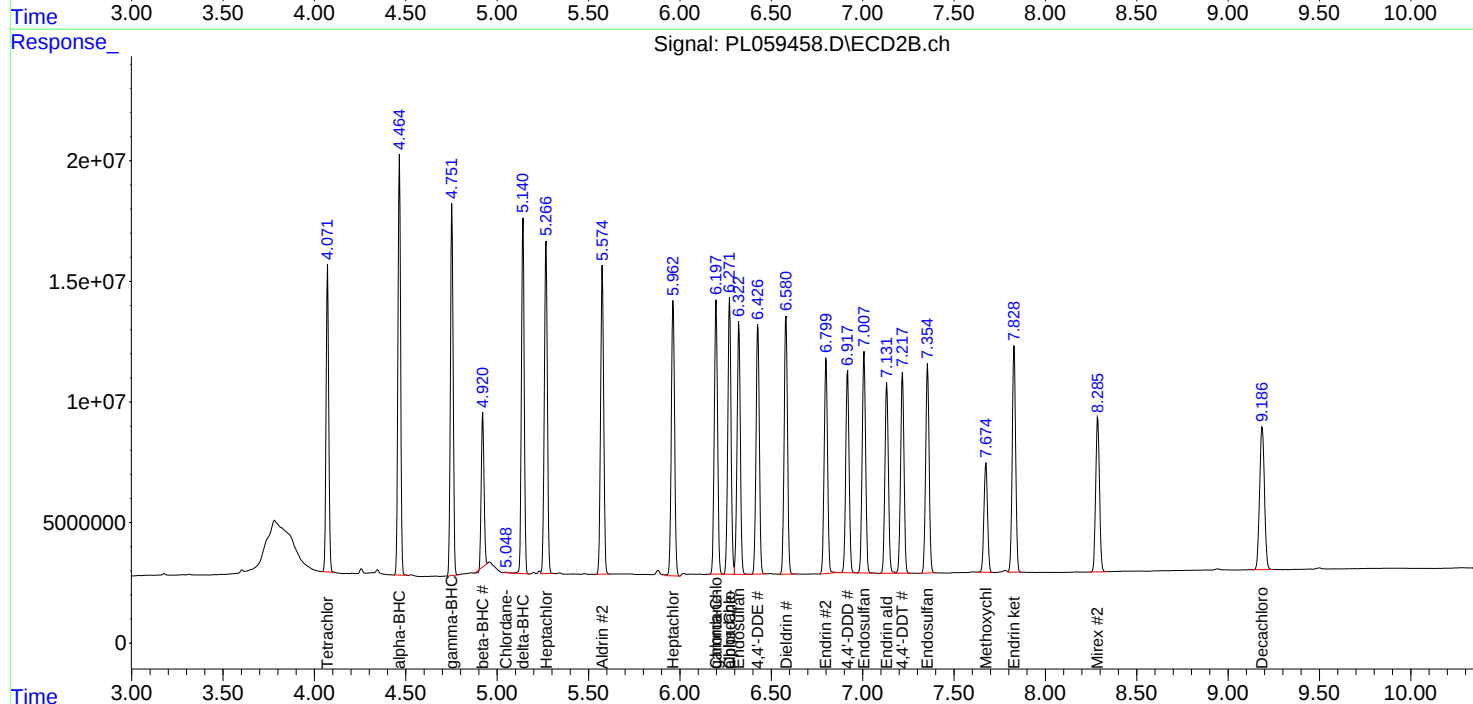
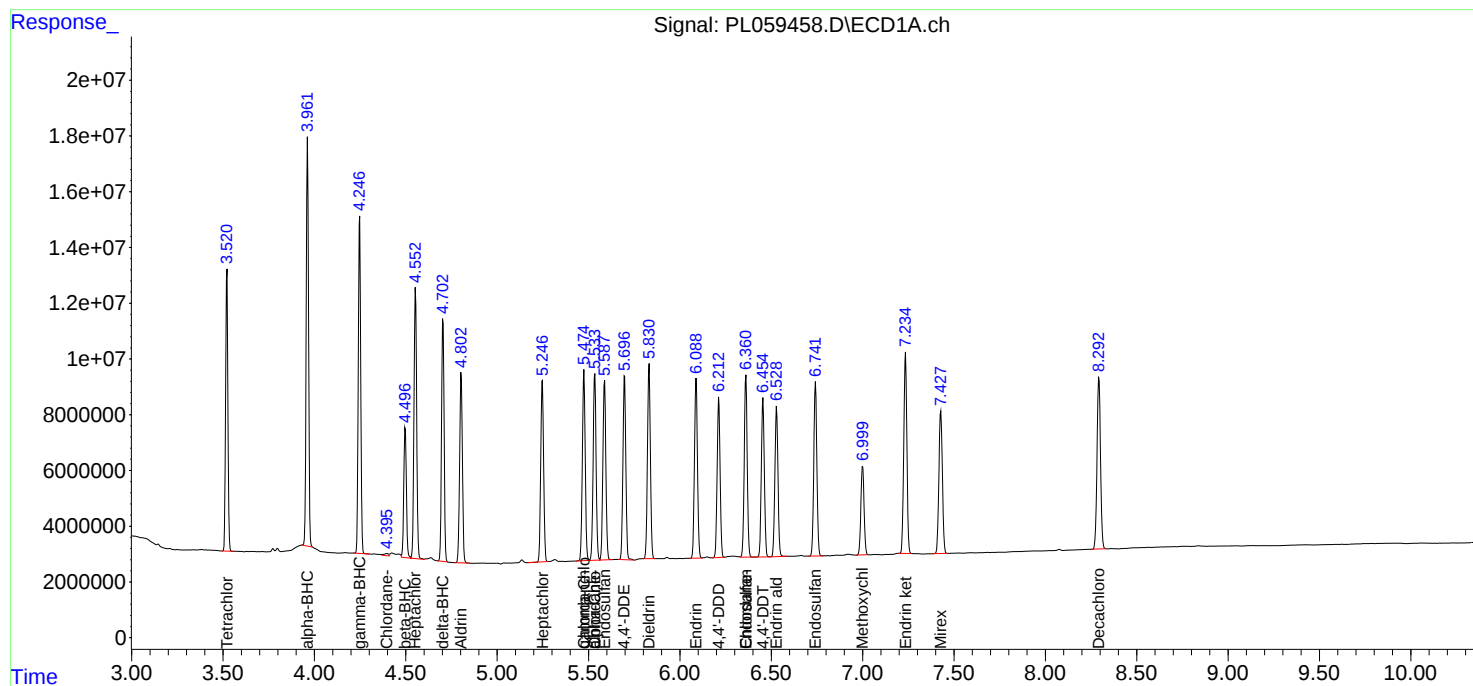
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

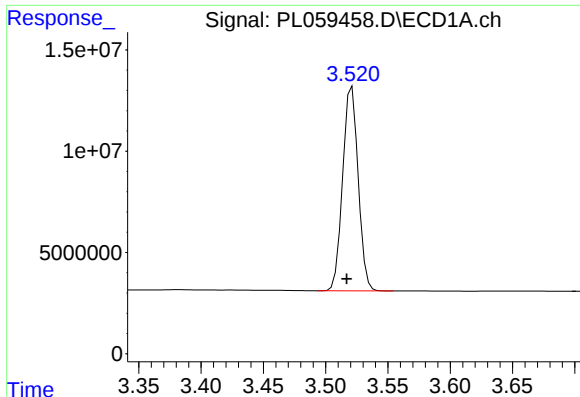
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062420\  
Data File : PL059458.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jun 2020 09:32  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 24 16:55:06 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062220.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 22 14:09:48 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

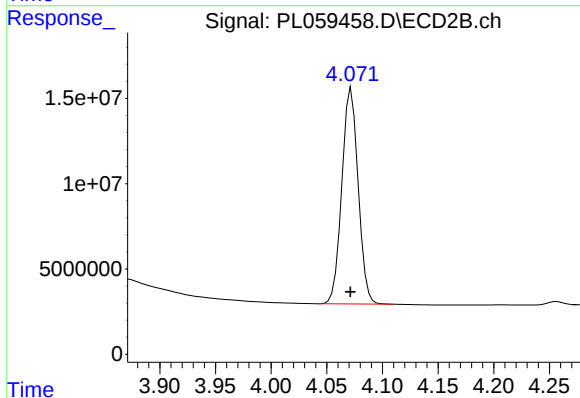




#1 Tetrachloro-m-xylene

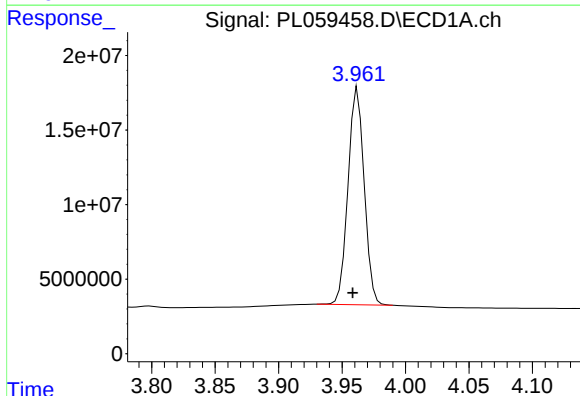
R.T.: 3.521 min  
Delta R.T.: 0.004 min  
Response: 87681374  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



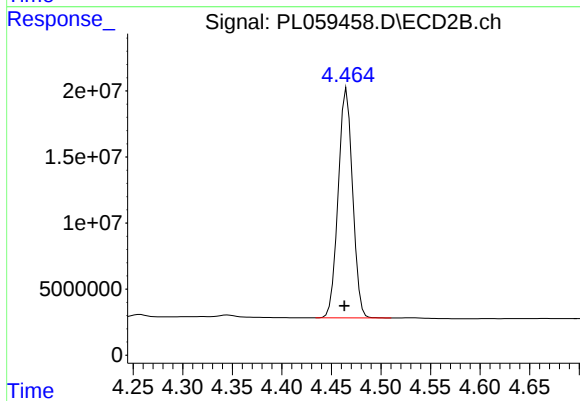
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 128968372  
Conc: 49.97 ng/ml



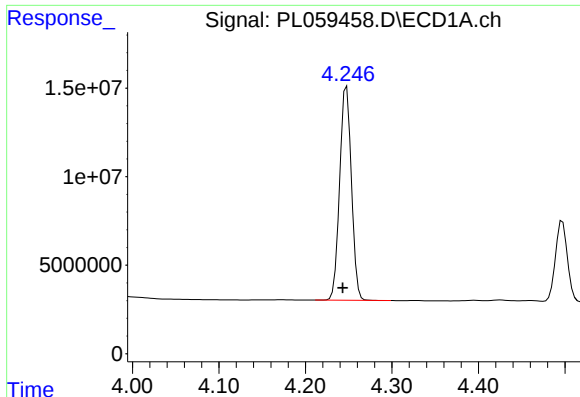
#2 alpha-BHC

R.T.: 3.962 min  
Delta R.T.: 0.004 min  
Response: 128786208  
Conc: 49.90 ng/ml



#2 alpha-BHC

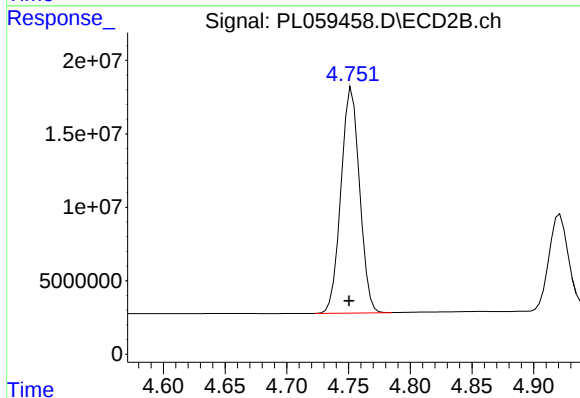
R.T.: 4.465 min  
Delta R.T.: 0.002 min  
Response: 175440423  
Conc: 51.50 ng/ml



#3 gamma-BHC (Lindane)

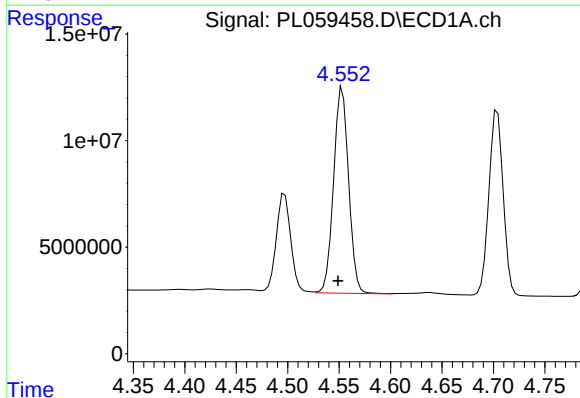
R.T.: 4.248 min  
Delta R.T.: 0.004 min  
Response: 112990542  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



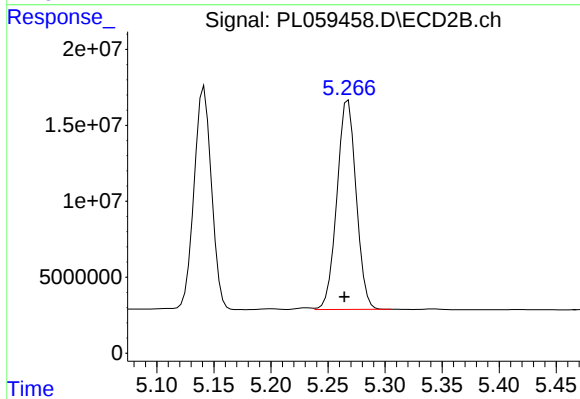
#3 gamma-BHC (Lindane)

R.T.: 4.753 min  
Delta R.T.: 0.002 min  
Response: 160925710  
Conc: 51.42 ng/ml



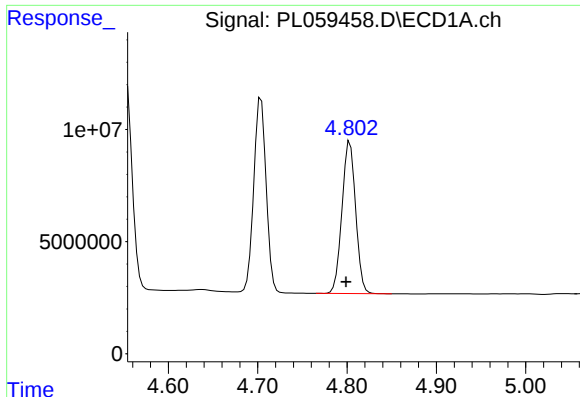
#4 Heptachlor

R.T.: 4.553 min  
Delta R.T.: 0.004 min  
Response: 98155933  
Conc: 46.03 ng/ml



#4 Heptachlor

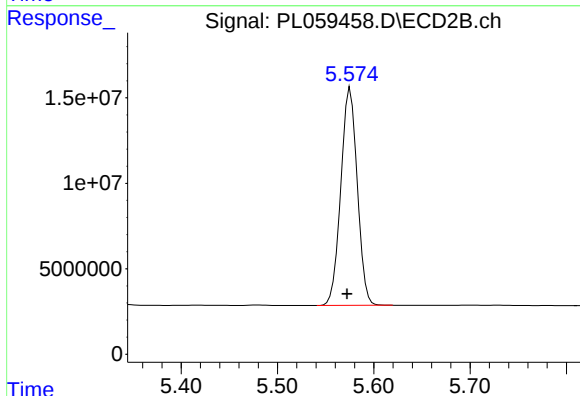
R.T.: 5.268 min  
Delta R.T.: 0.003 min  
Response: 161237508  
Conc: 49.78 ng/ml



#5 Aldrin

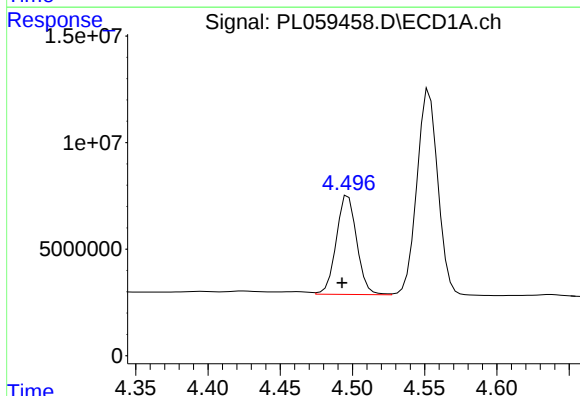
R.T.: 4.803 min  
Delta R.T.: 0.004 min  
Response: 72017367  
Conc: 40.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



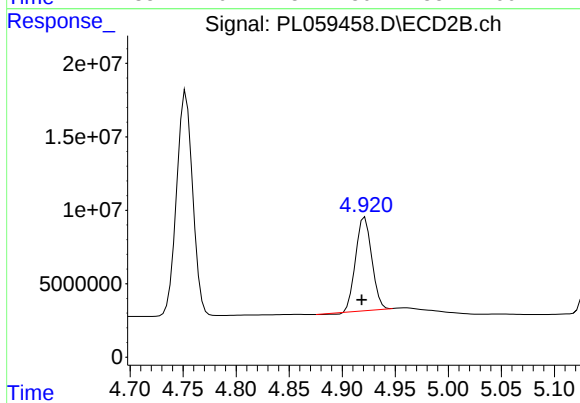
#5 Aldrin

R.T.: 5.576 min  
Delta R.T.: 0.003 min  
Response: 150650090  
Conc: 48.92 ng/ml



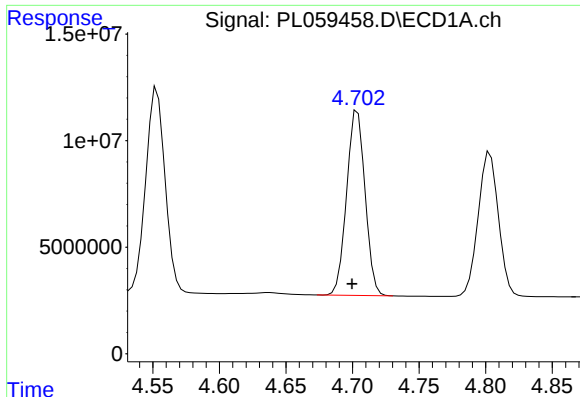
#6 beta-BHC

R.T.: 4.497 min  
Delta R.T.: 0.004 min  
Response: 45748583  
Conc: 48.04 ng/ml



#6 beta-BHC

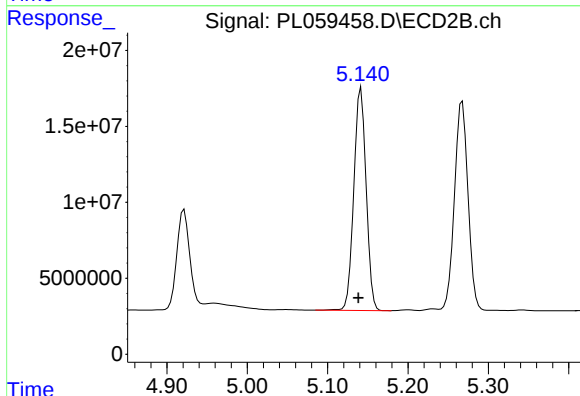
R.T.: 4.921 min  
Delta R.T.: 0.003 min  
Response: 66967856  
Conc: 49.24 ng/ml



#7 delta-BHC

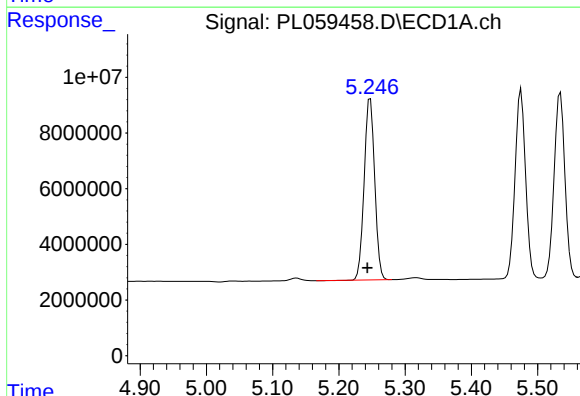
R.T.: 4.704 min  
Delta R.T.: 0.004 min  
Response: 83696768  
Conc: 41.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



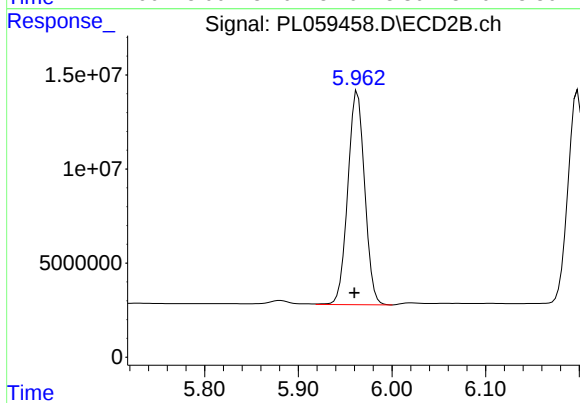
#7 delta-BHC

R.T.: 5.142 min  
Delta R.T.: 0.003 min  
Response: 155903592  
Conc: 56.03 ng/ml



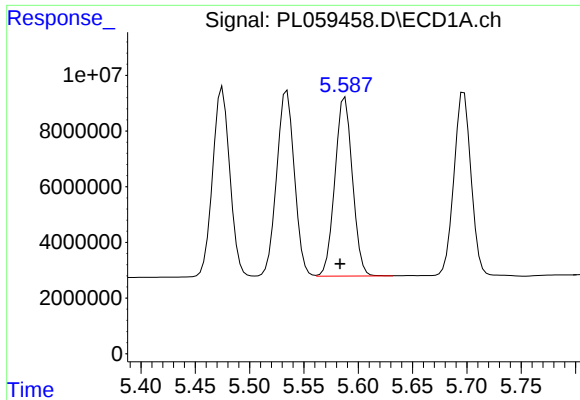
#8 Heptachlor epoxide

R.T.: 5.247 min  
Delta R.T.: 0.005 min  
Response: 72070519  
Conc: 47.94 ng/ml



#8 Heptachlor epoxide

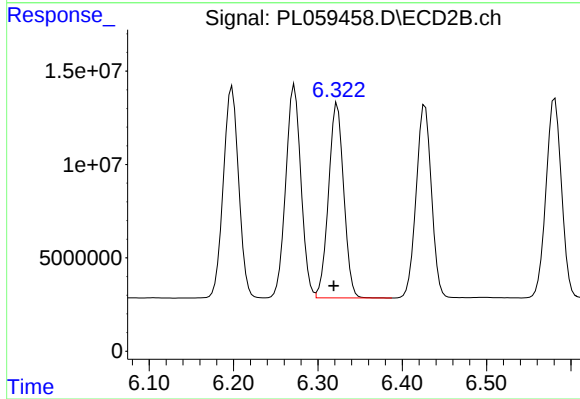
R.T.: 5.963 min  
Delta R.T.: 0.003 min  
Response: 142189748  
Conc: 56.66 ng/ml



#9 Endosulfan I

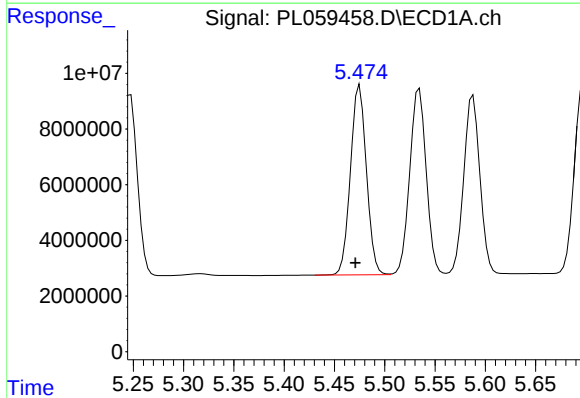
R.T.: 5.588 min  
Delta R.T.: 0.005 min  
Response: 72177429  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



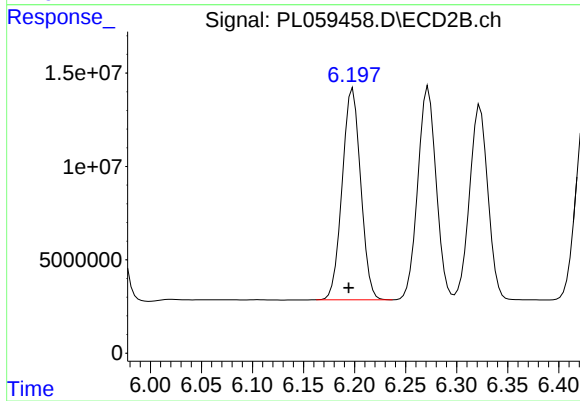
#9 Endosulfan I

R.T.: 6.323 min  
Delta R.T.: 0.004 min  
Response: 130680476  
Conc: 48.15 ng/ml



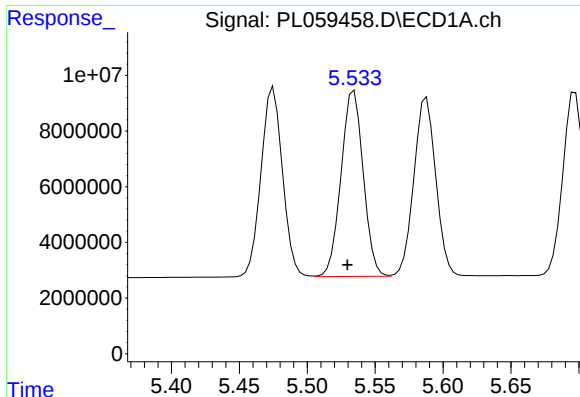
#10 gamma-Chlordane

R.T.: 5.475 min  
Delta R.T.: 0.004 min  
Response: 75027538  
Conc: 48.92 ng/ml



#10 gamma-Chlordane

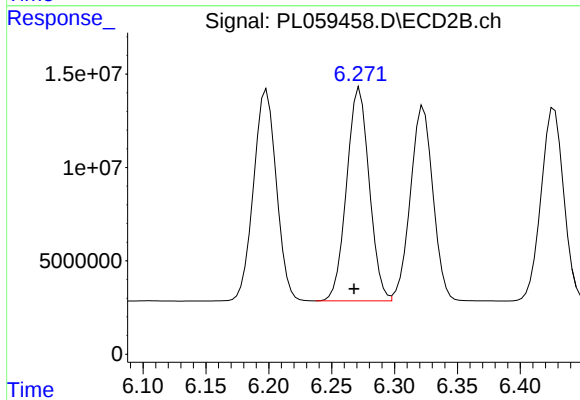
R.T.: 6.198 min  
Delta R.T.: 0.004 min  
Response: 142567307  
Conc: 48.67 ng/ml



#11 alpha-Chlordane

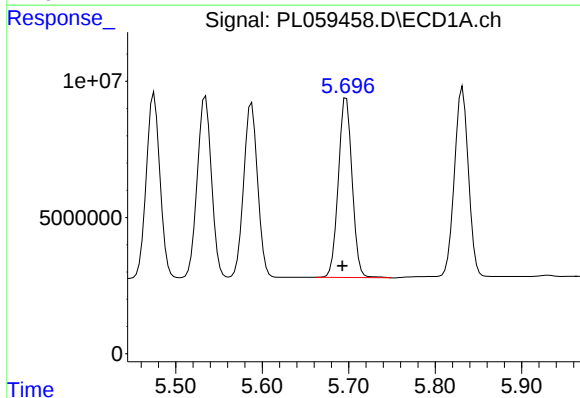
R.T.: 5.535 min  
Delta R.T.: 0.005 min  
Response: 75955793  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



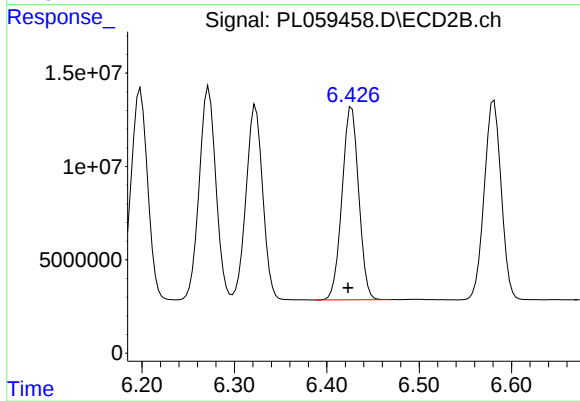
#11 alpha-Chlordane

R.T.: 6.272 min  
Delta R.T.: 0.004 min  
Response: 142984694  
Conc: 48.56 ng/ml



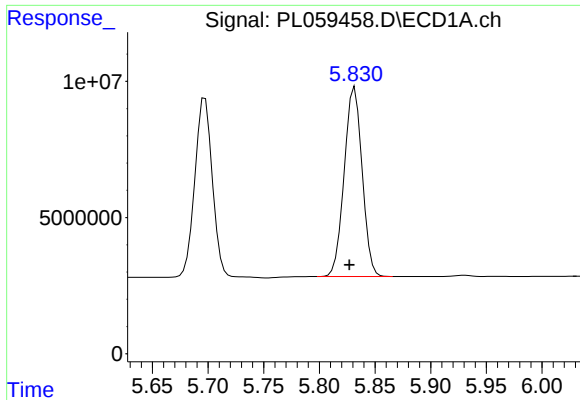
#12 4,4'-DDE

R.T.: 5.697 min  
Delta R.T.: 0.004 min  
Response: 72549304  
Conc: 49.93 ng/ml



#12 4,4'-DDE

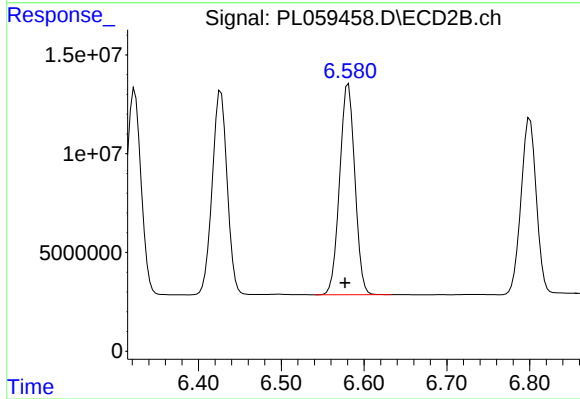
R.T.: 6.427 min  
Delta R.T.: 0.004 min  
Response: 129625451  
Conc: 48.00 ng/ml



#13 Dieldrin

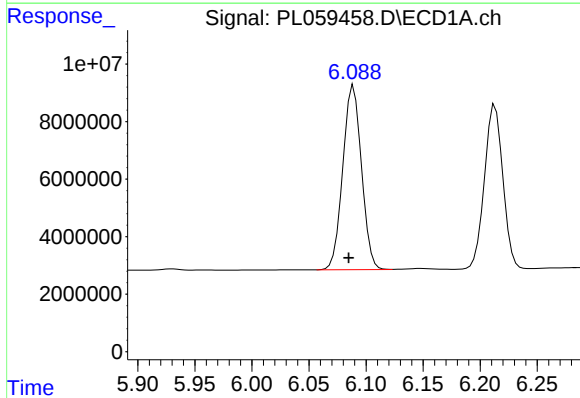
R.T.: 5.832 min  
Delta R.T.: 0.005 min  
Response: 77898321  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



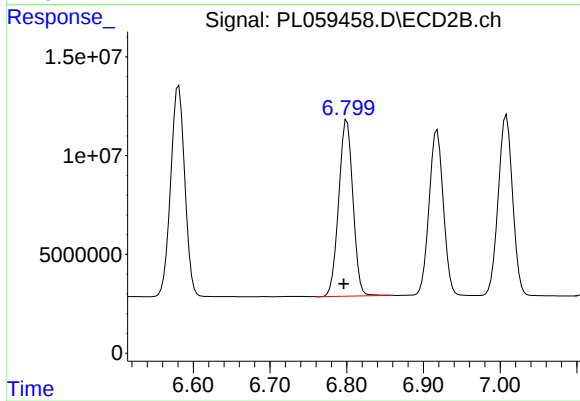
#13 Dieldrin

R.T.: 6.581 min  
Delta R.T.: 0.004 min  
Response: 136320698  
Conc: 48.42 ng/ml



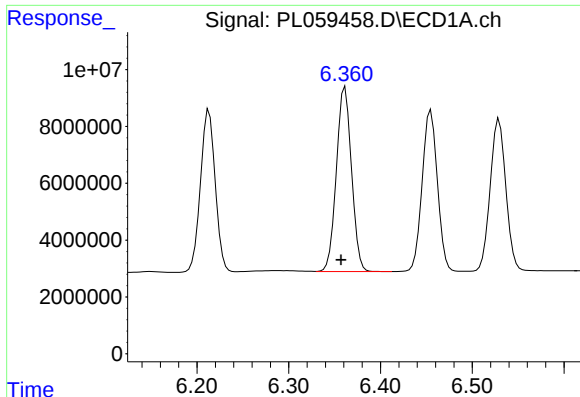
#14 Endrin

R.T.: 6.089 min  
Delta R.T.: 0.004 min  
Response: 73018762  
Conc: 48.06 ng/ml



#14 Endrin

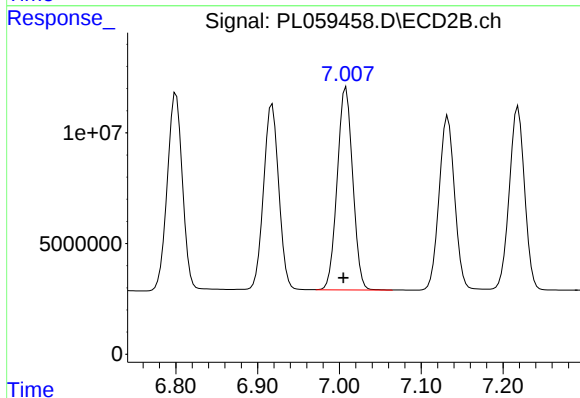
R.T.: 6.800 min  
Delta R.T.: 0.004 min  
Response: 115148790  
Conc: 46.61 ng/ml



#15 Endosulfan II

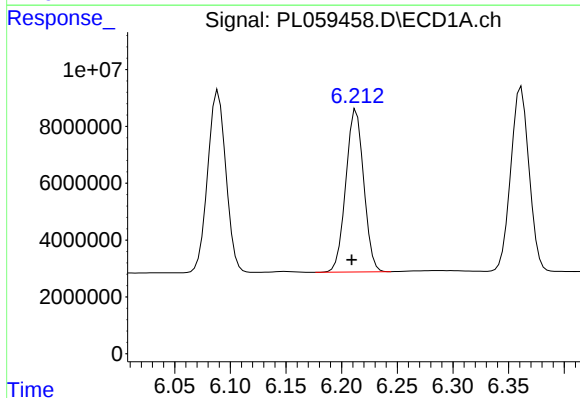
R.T.: 6.362 min  
Delta R.T.: 0.004 min  
Response: 74647253  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



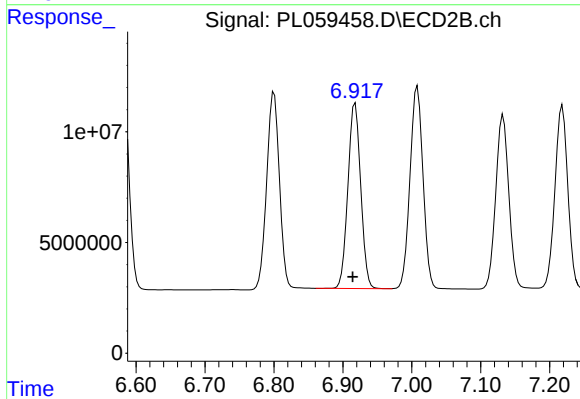
#15 Endosulfan II

R.T.: 7.008 min  
Delta R.T.: 0.003 min  
Response: 120220974  
Conc: 47.41 ng/ml



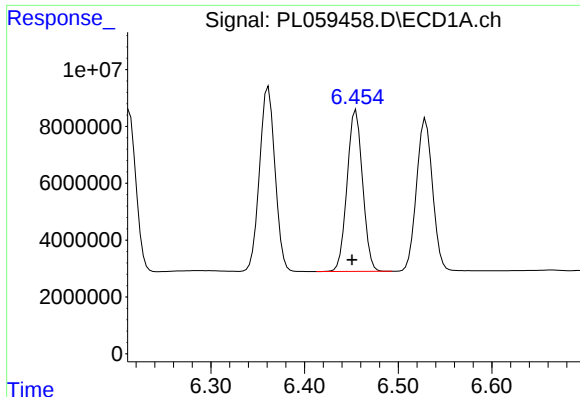
#16 4,4'-DDD

R.T.: 6.213 min  
Delta R.T.: 0.004 min  
Response: 64072490  
Conc: 49.10 ng/ml



#16 4,4'-DDD

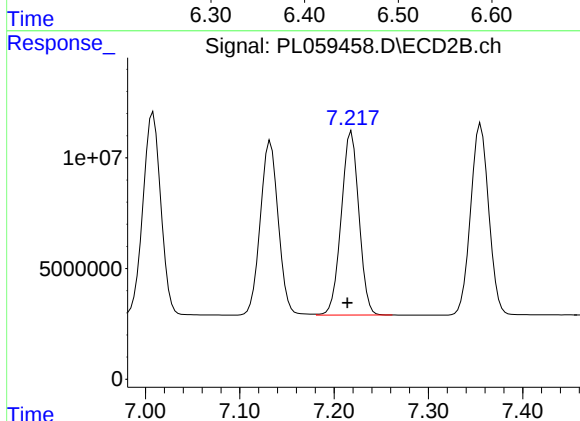
R.T.: 6.918 min  
Delta R.T.: 0.004 min  
Response: 108291184  
Conc: 48.67 ng/ml



#17 4,4'-DDT

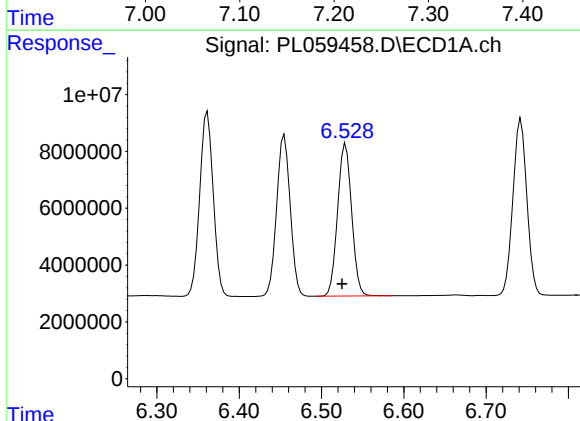
R.T.: 6.455 min  
Delta R.T.: 0.004 min  
Response: 65420099  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



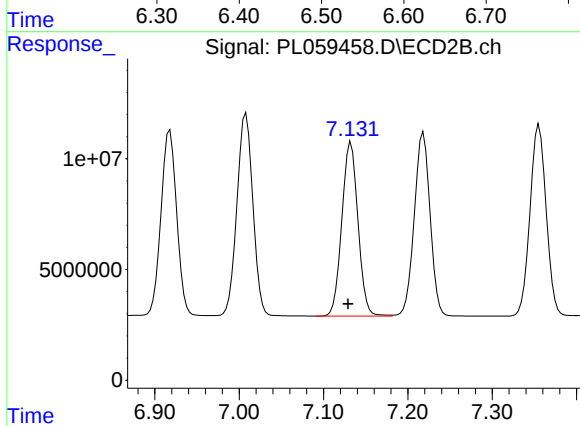
#17 4,4'-DDT

R.T.: 7.219 min  
Delta R.T.: 0.004 min  
Response: 108039549  
Conc: 47.53 ng/ml



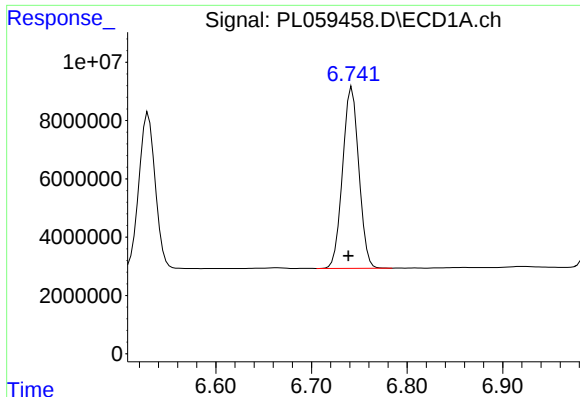
#18 Endrin aldehyde

R.T.: 6.529 min  
Delta R.T.: 0.004 min  
Response: 63745009  
Conc: 48.23 ng/ml



#18 Endrin aldehyde

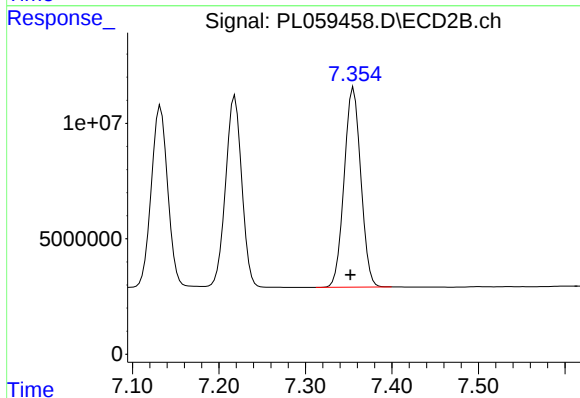
R.T.: 7.133 min  
Delta R.T.: 0.004 min  
Response: 104439378  
Conc: 47.62 ng/ml



#19 Endosulfan Sulfate

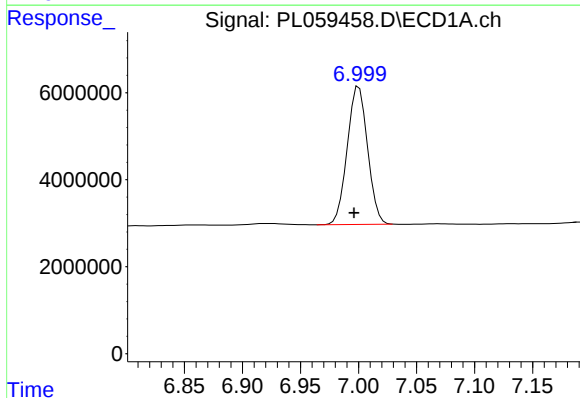
R.T.: 6.742 min  
Delta R.T.: 0.004 min  
Response: 73623086  
Conc: 48.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



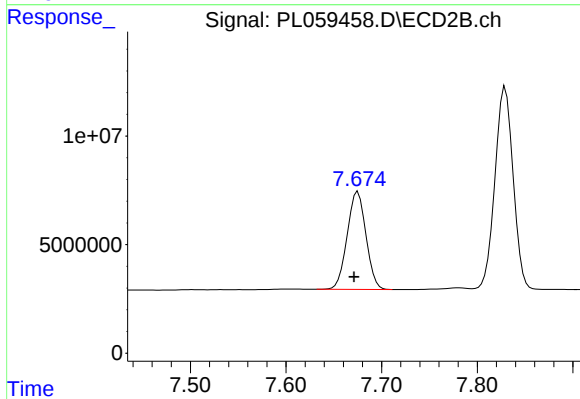
#19 Endosulfan Sulfate

R.T.: 7.356 min  
Delta R.T.: 0.004 min  
Response: 114965200  
Conc: 47.50 ng/ml



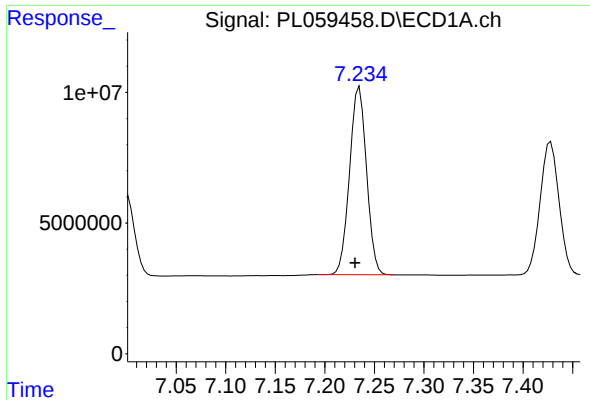
#20 Methoxychlor

R.T.: 7.000 min  
Delta R.T.: 0.004 min  
Response: 38689035  
Conc: 47.74 ng/ml



#20 Methoxychlor

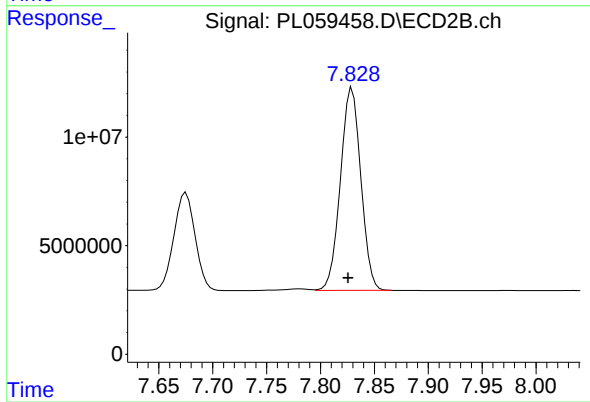
R.T.: 7.675 min  
Delta R.T.: 0.004 min  
Response: 61676680  
Conc: 46.46 ng/ml



#21 Endrin ketone

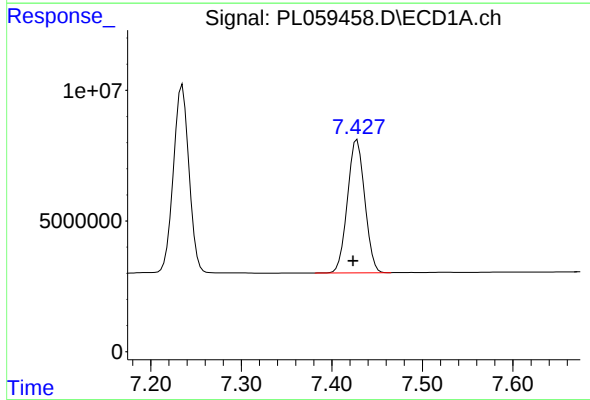
R.T.: 7.235 min  
Delta R.T.: 0.004 min  
Response: 85781100  
Conc: 49.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



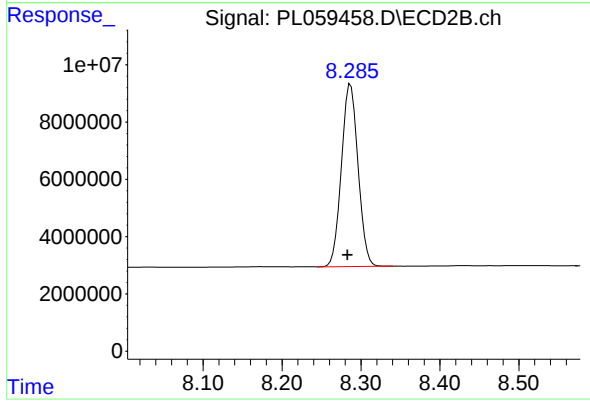
#21 Endrin ketone

R.T.: 7.829 min  
Delta R.T.: 0.004 min  
Response: 123195879  
Conc: 47.69 ng/ml



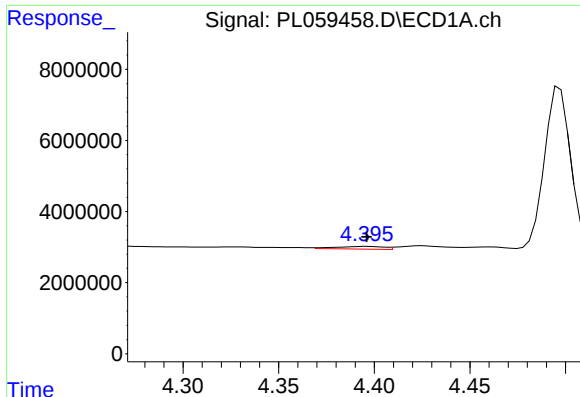
#22 Mirex

R.T.: 7.428 min  
Delta R.T.: 0.005 min  
Response: 67670981  
Conc: 47.92 ng/ml



#22 Mirex

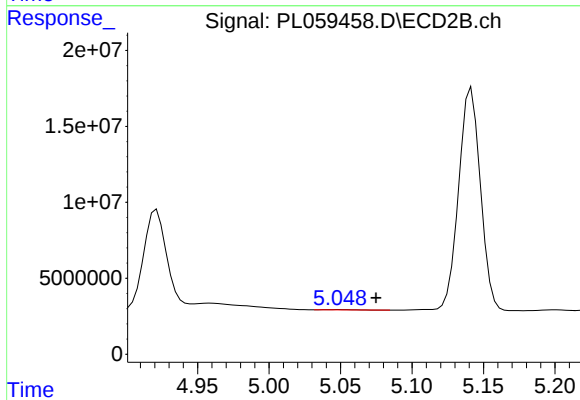
R.T.: 8.287 min  
Delta R.T.: 0.004 min  
Response: 93314023  
Conc: 47.24 ng/ml



#23 Chlordane-1

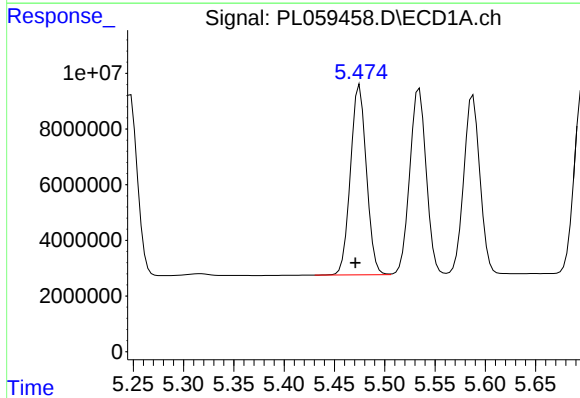
R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 1356979  
Conc: 23.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



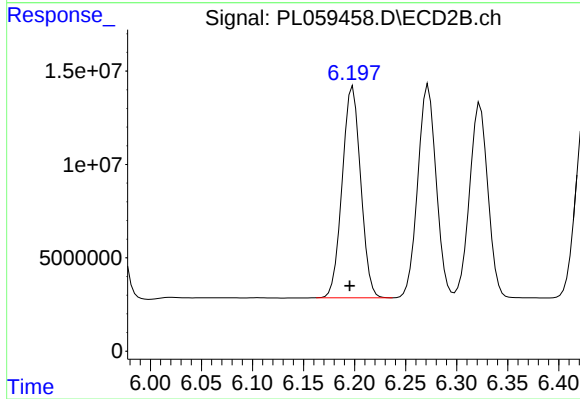
#23 Chlordane-1

R.T.: 5.048 min  
Delta R.T.: -0.027 min  
Response: 297379  
Conc: 2.94 ng/ml



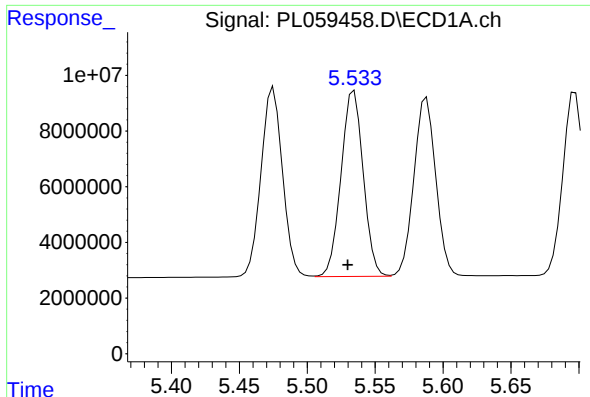
#25 Chlordane-3

R.T.: 5.475 min  
Delta R.T.: 0.004 min  
Response: 75027538  
Conc: 530.06 ng/ml



#25 Chlordane-3

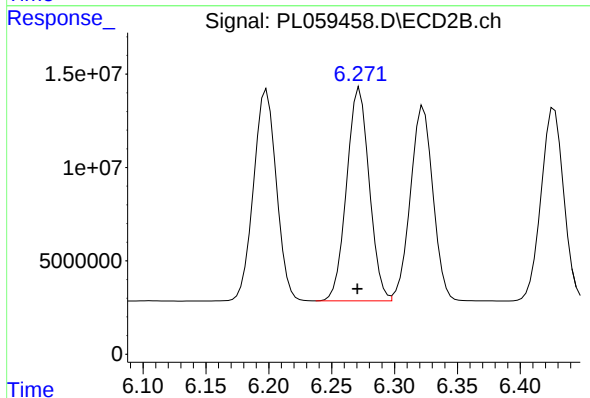
R.T.: 6.198 min  
Delta R.T.: 0.003 min  
Response: 142567307  
Conc: 363.61 ng/ml



#26 Chlordane-4

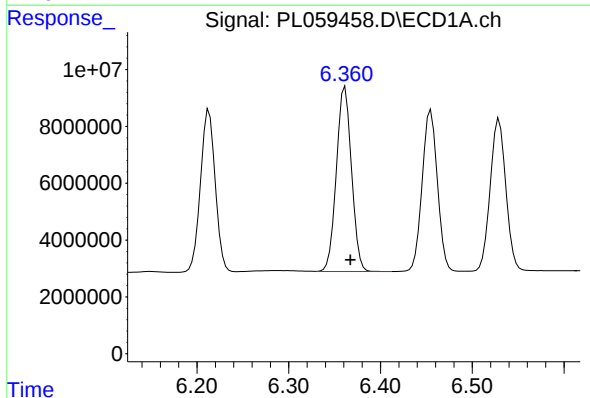
R.T.: 5.535 min  
Delta R.T.: 0.005 min  
Response: 75955793  
Conc: 643.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



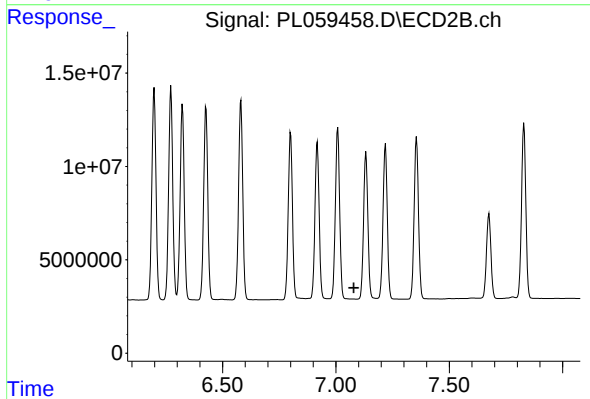
#26 Chlordane-4

R.T.: 6.272 min  
Delta R.T.: 0.002 min  
Response: 142984694  
Conc: 300.93 ng/ml



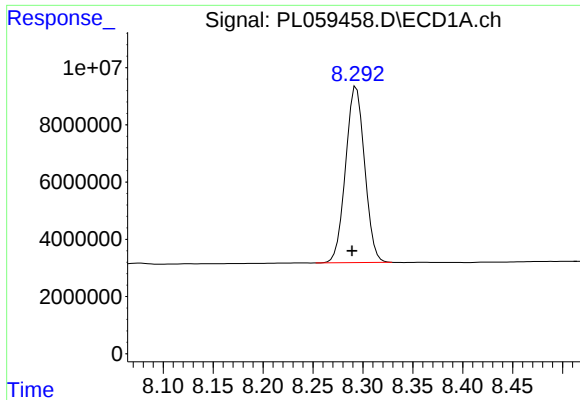
#27 Chlordane-5

R.T.: 6.362 min  
Delta R.T.: -0.006 min  
Response: 74647253  
Conc: 1330.16 ng/ml



#27 Chlordane-5

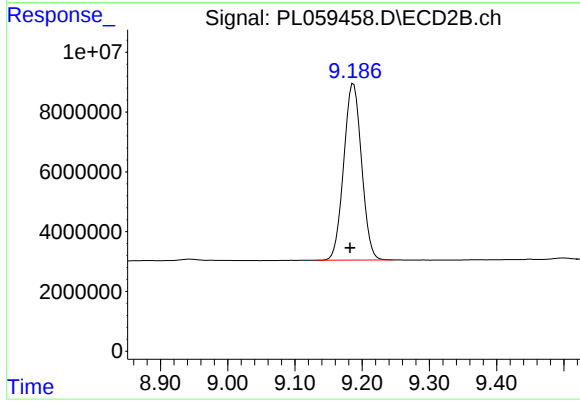
R.T.: 0.000 min  
Exp R.T.: 7.079 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.293 min  
Delta R.T.: 0.004 min  
Response: 81678478  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.187 min  
Delta R.T.: 0.005 min  
Response: 108524353  
Conc: 47.40 ng/ml