

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102020\  
 Data File : PL062463.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2020 19:12  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 04:50:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101920.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 20 07:00:50 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... | 3.413 | 3.951  | 85799945 | 108.4E6  | 49.798   | 47.063     |
| 28)                         | SA Decachlor... | 8.127 | 8.990  | 55615024 | 64334527 | 31.684   | 32.445     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.845 | 4.338  | 121.9E6  | 148.3E6  | 48.727   | 44.046     |
| 3)                          | MA gamma-BHC... | 4.124 | 4.621  | 106.2E6  | 135.7E6  | 47.302   | 42.939     |
| 4)                          | MA Heptachlor   | 4.420 | 5.126  | 96868037 | 120.0E6  | 46.388   | 40.144     |
| 5)                          | MB Aldrin       | 4.665 | 5.429  | 95681119 | 105.3E6  | 51.337   | 38.350 #   |
| 6)                          | B beta-BHC      | 4.373 | 4.792  | 43747503 | 59765799 | 46.901   | 41.391     |
| 7)                          | B delta-BHC     | 4.573 | 5.006  | 103.4E6  | 118.1E6  | 48.156   | 45.234     |
| 8)                          | B Heptachlo...  | 5.103 | 5.815  | 78742076 | 96044217 | 44.298   | 39.737     |
| 9)                          | A Endosulfan I  | 5.438 | 6.170  | 70182401 | 85666329 | 42.898   | 35.436     |
| 10)                         | B gamma-Chl...  | 5.328 | 6.049  | 76045042 | 94394038 | 43.178   | 37.269     |
| 11)                         | B alpha-Chl...  | 5.386 | 6.121  | 75491704 | 92999440 | 42.645   | 36.078     |
| 12)                         | B 4,4'-DDE      | 5.550 | 6.280  | 67646839 | 82854309 | 41.874   | 34.095     |
| 13)                         | MA Dieldrin     | 5.678 | 6.426  | 71604723 | 84469160 | 41.647   | 34.434     |
| 14)                         | MA Endrin       | 5.933 | 6.643  | 65813941 | 73378209 | 40.541   | 35.068     |
| 15)                         | B Endosulfa...  | 6.205 | 6.852  | 62463732 | 70591840 | 37.955   | 32.227     |
| 16)                         | A 4,4'-DDD      | 6.062 | 6.768  | 57602206 | 66183829 | 41.482   | 34.707     |
| 17)                         | MA 4,4'-DDT     | 6.301 | 7.066  | 47096883 | 55704415 | 35.057   | 29.392     |
| 18)                         | B Endrin al...  | 6.372 | 6.977  | 52380095 | 61807314 | 36.897   | 33.073     |
| 19)                         | B Endosulfa...  | 6.584 | 7.199  | 59878054 | 65965156 | 37.266   | 32.144     |
| 20)                         | A Methoxychlor  | 6.845 | 7.525  | 28474639 | 34001662 | 33.557   | 30.652     |
| 21)                         | B Endrin ke...  | 7.071 | 7.668  | 66487200 | 77250967 | 35.903   | 36.302     |
| 22)                         | Mirex           | 7.257 | 8.121  | 47093609 | 49348310 | 32.071   | 30.128     |
| 24)                         | Chlordane-2     | 0.000 | 5.429f | 0        | 105.3E6  | N.D.     | 1263.568 # |
| 25)                         | Chlordane-3     | 5.328 | 6.049  | 76045042 | 94394038 | 520.592  | 310.475 #  |
| 26)                         | Chlordane-4     | 5.386 | 6.121  | 75491704 | 92999440 | 609.032  | 251.510 #  |
| 27)                         | Chlordane-5     | 6.205 | 0.000  | 62463732 | 0        | 1206.342 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

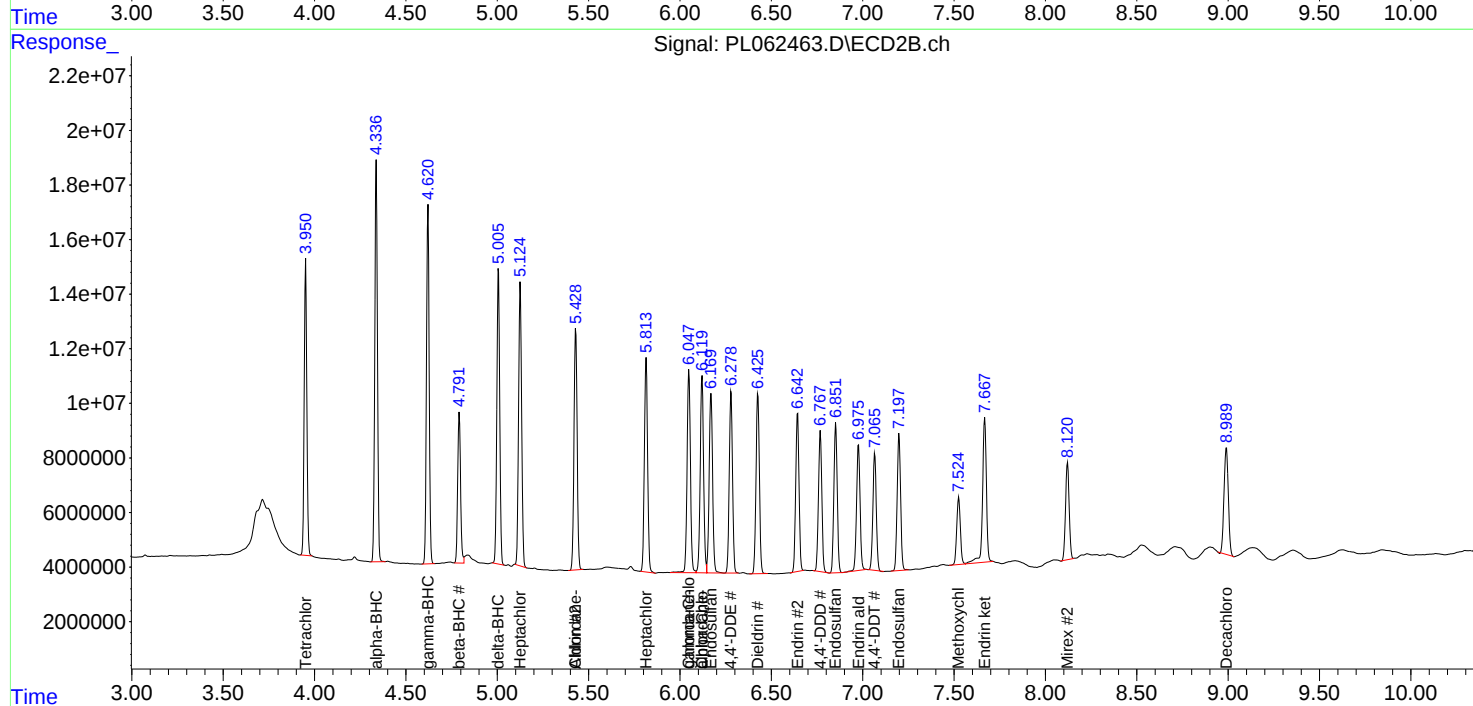
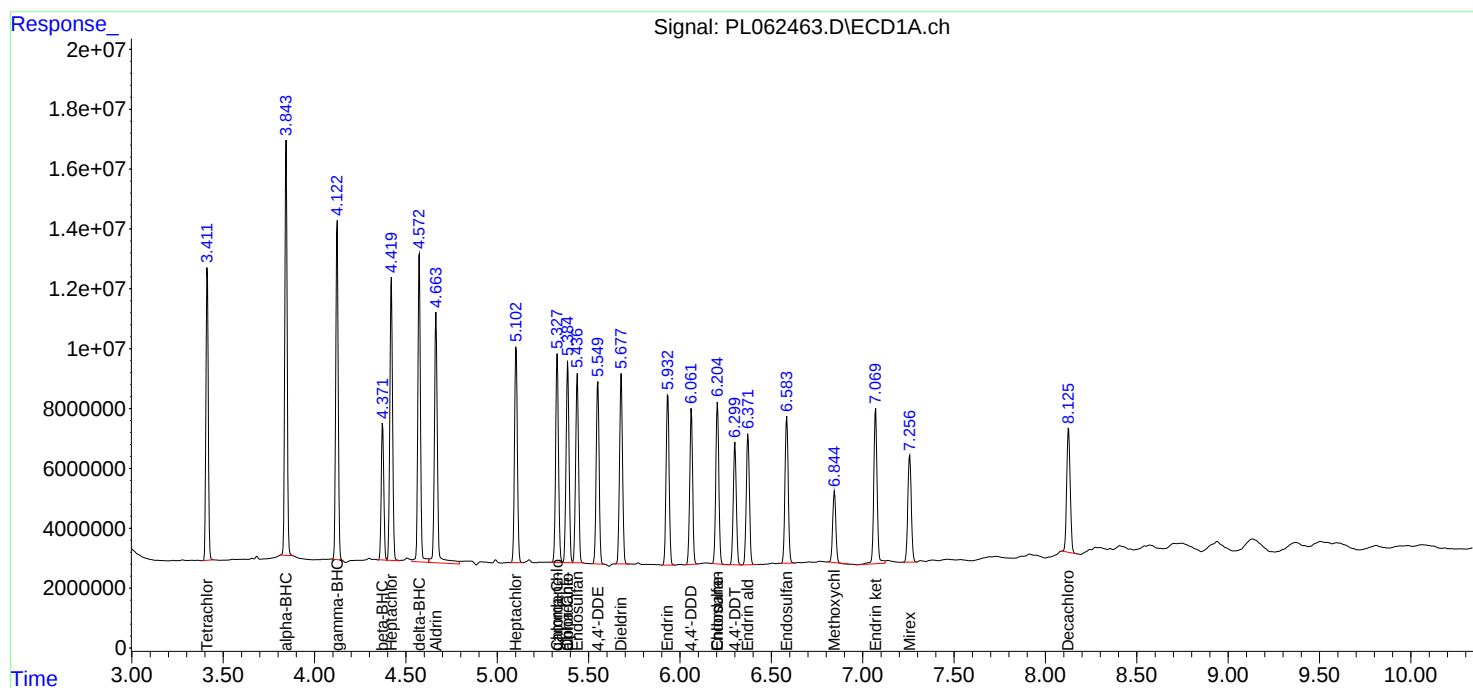
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

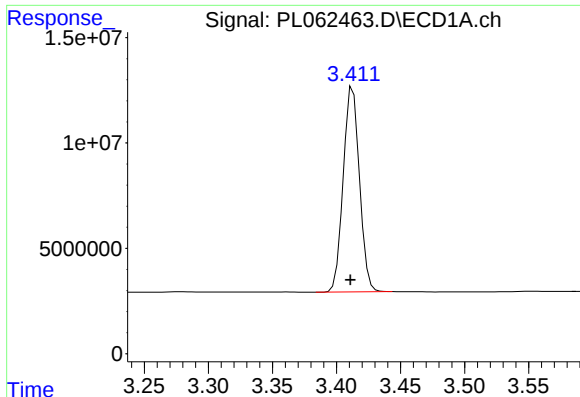
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102020\  
Data File : PL062463.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2020 19:12  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 04:50:33 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101920.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 20 07:00:50 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

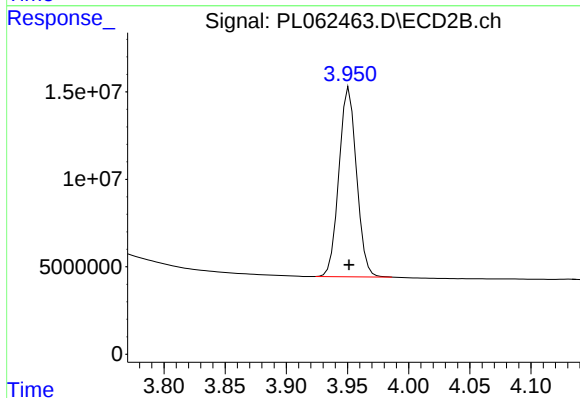




#1 Tetrachloro-m-xylene

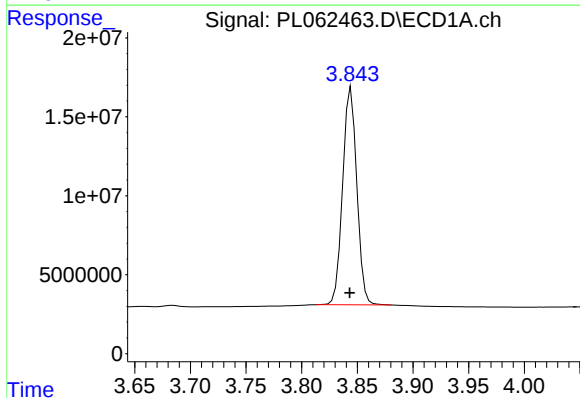
R.T.: 3.413 min  
Delta R.T.: 0.002 min  
Response: 85799945  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



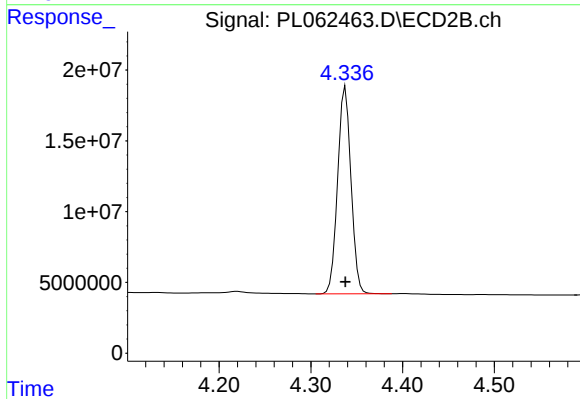
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 108401465  
Conc: 47.06 ng/ml



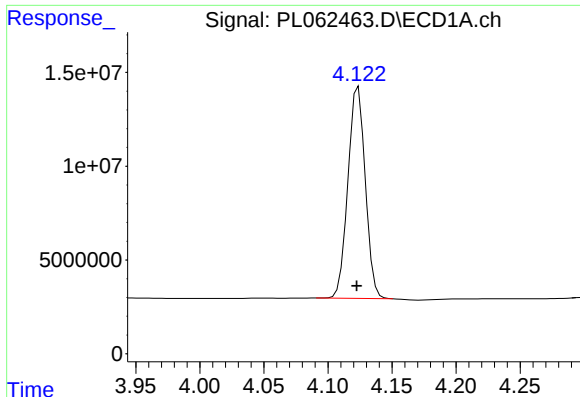
#2 alpha-BHC

R.T.: 3.845 min  
Delta R.T.: 0.001 min  
Response: 121883393  
Conc: 48.73 ng/ml



#2 alpha-BHC

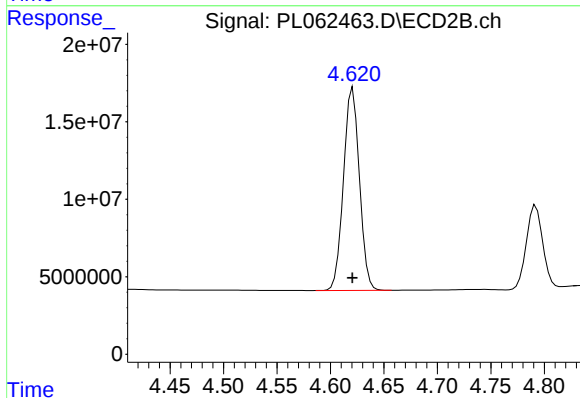
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 148277330  
Conc: 44.05 ng/ml



#3 gamma-BHC (Lindane)

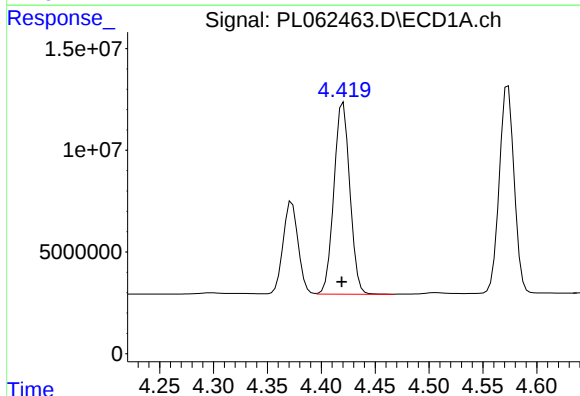
R.T.: 4.124 min  
Delta R.T.: 0.001 min  
Response: 106228217  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



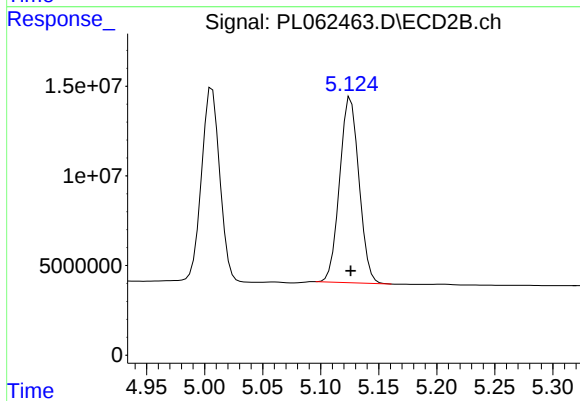
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 135733743  
Conc: 42.94 ng/ml



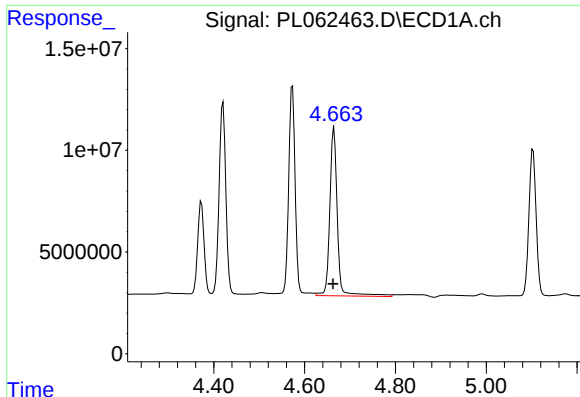
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.001 min  
Response: 96868037  
Conc: 46.39 ng/ml



#4 Heptachlor

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 119981820  
Conc: 40.14 ng/ml



#5 Aldrin

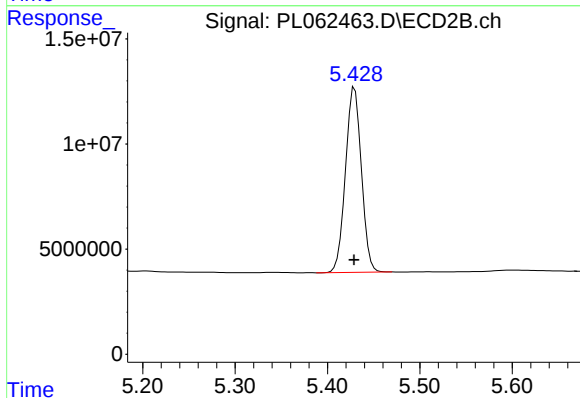
R.T.: 4.665 min

Delta R.T.: 0.002 min

Response: 95681119

Conc: 51.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



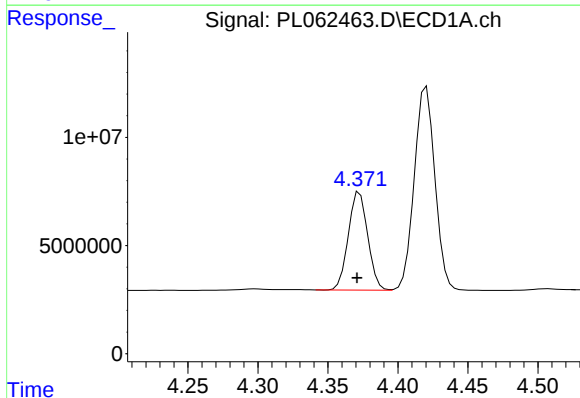
#5 Aldrin

R.T.: 5.429 min

Delta R.T.: 0.000 min

Response: 105301231

Conc: 38.35 ng/ml



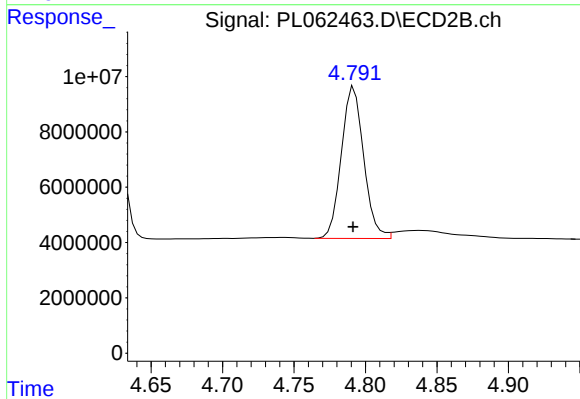
#6 beta-BHC

R.T.: 4.373 min

Delta R.T.: 0.002 min

Response: 43747503

Conc: 46.90 ng/ml



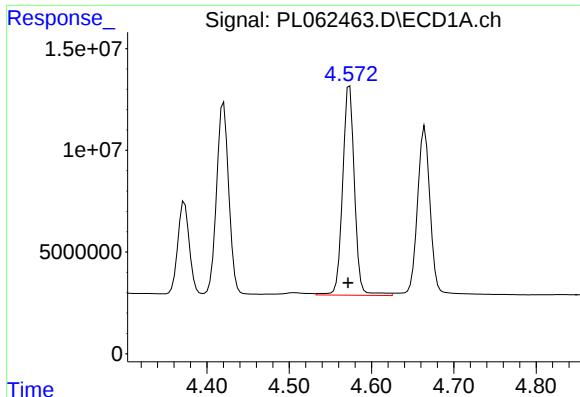
#6 beta-BHC

R.T.: 4.792 min

Delta R.T.: 0.000 min

Response: 59765799

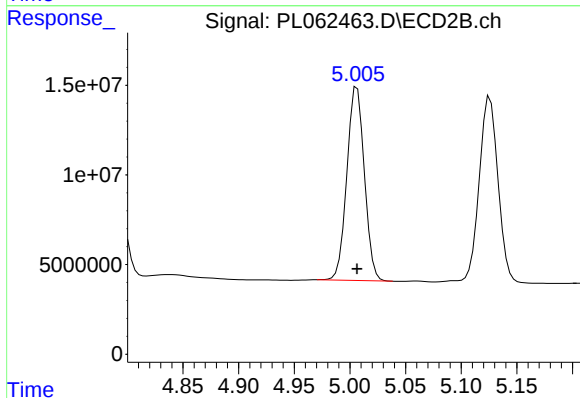
Conc: 41.39 ng/ml



#7 delta-BHC

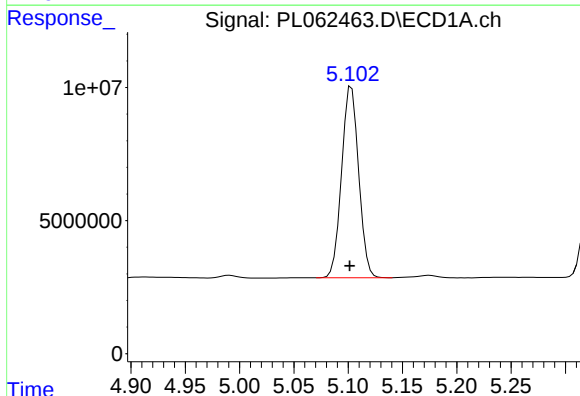
R.T.: 4.573 min  
Delta R.T.: 0.002 min  
Response: 103361046  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



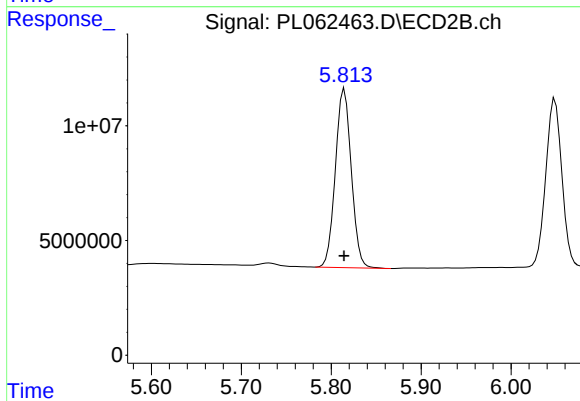
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 118089539  
Conc: 45.23 ng/ml



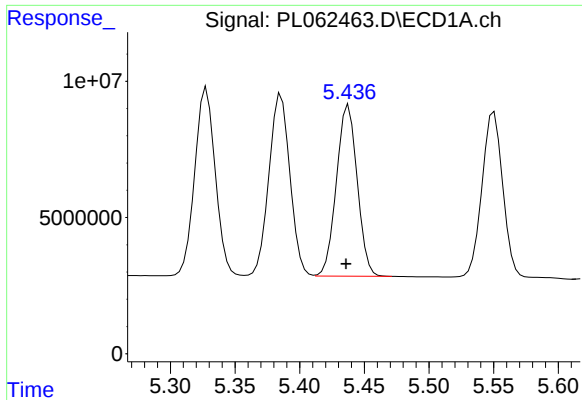
#8 Heptachlor epoxide

R.T.: 5.103 min  
Delta R.T.: 0.002 min  
Response: 78742076  
Conc: 44.30 ng/ml



#8 Heptachlor epoxide

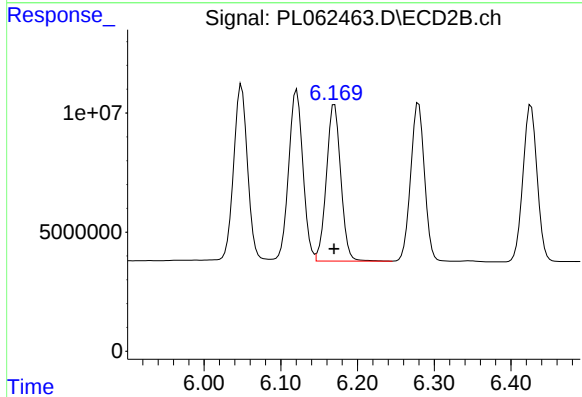
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 96044217  
Conc: 39.74 ng/ml



#9 Endosulfan I

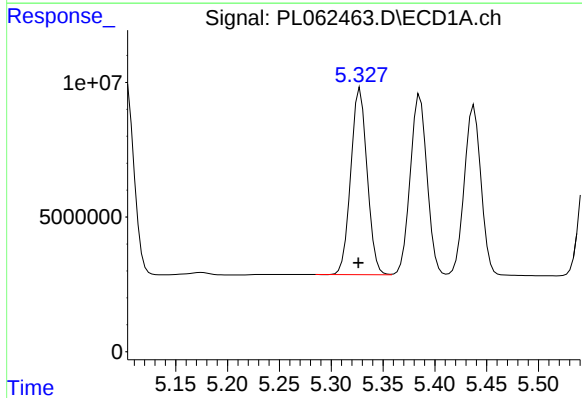
R.T.: 5.438 min  
Delta R.T.: 0.002 min  
Response: 70182401  
Conc: 42.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



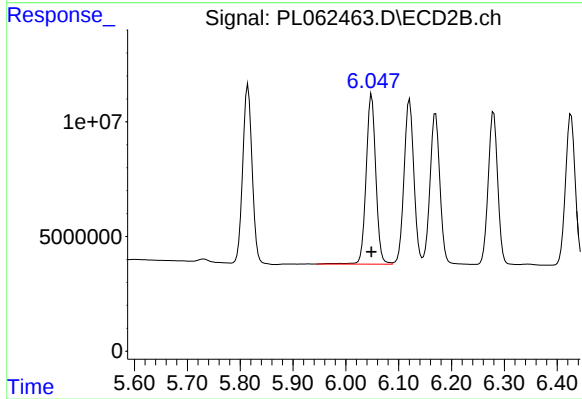
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 85666329  
Conc: 35.44 ng/ml



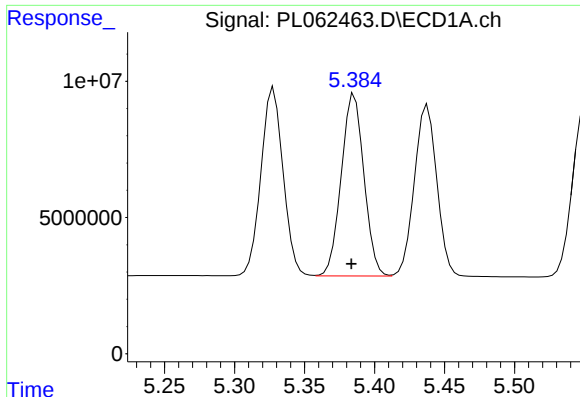
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.002 min  
Response: 76045042  
Conc: 43.18 ng/ml



#10 gamma-Chlordane

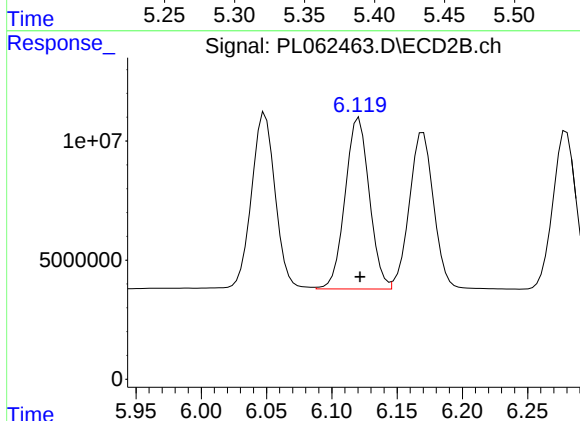
R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 94394038  
Conc: 37.27 ng/ml



#11 alpha-Chlordane

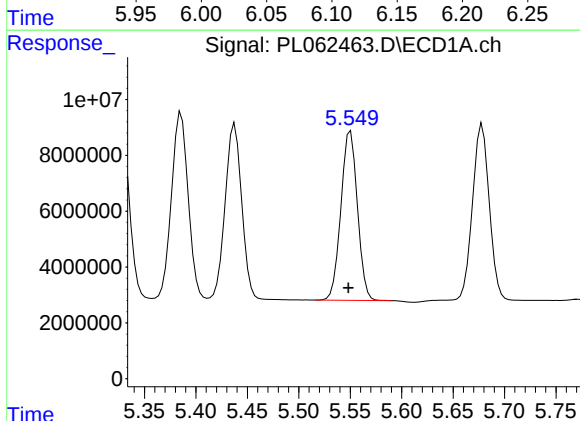
R.T.: 5.386 min  
Delta R.T.: 0.002 min  
Response: 75491704  
Conc: 42.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



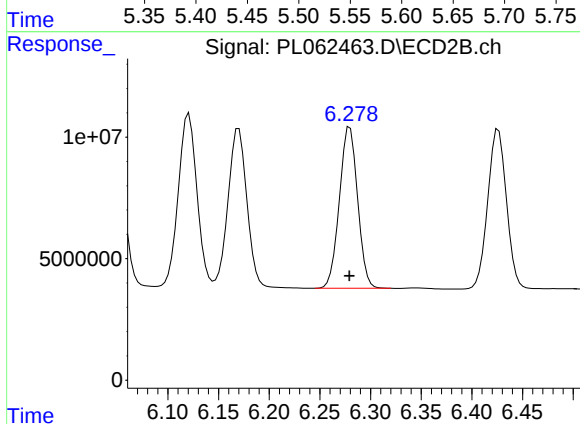
#11 alpha-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 92999440  
Conc: 36.08 ng/ml



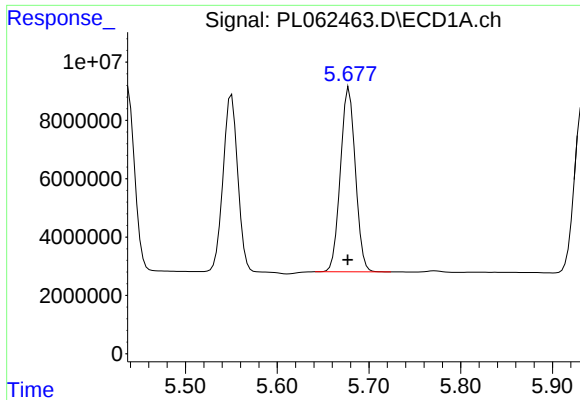
#12 4,4'-DDE

R.T.: 5.550 min  
Delta R.T.: 0.002 min  
Response: 67646839  
Conc: 41.87 ng/ml



#12 4,4'-DDE

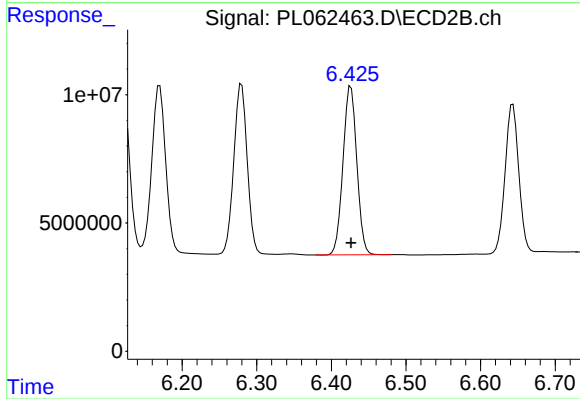
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 82854309  
Conc: 34.09 ng/ml



#13 Dieldrin

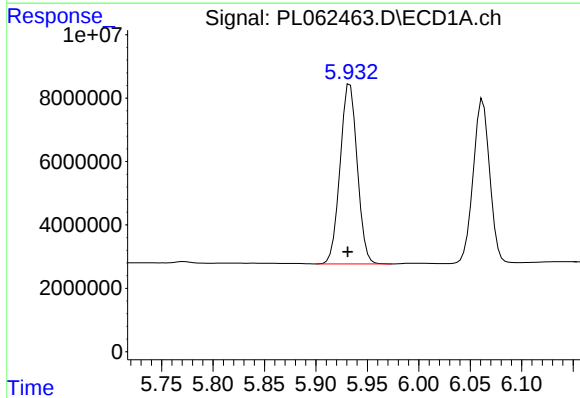
R.T.: 5.678 min  
Delta R.T.: 0.002 min  
Response: 71604723  
Conc: 41.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



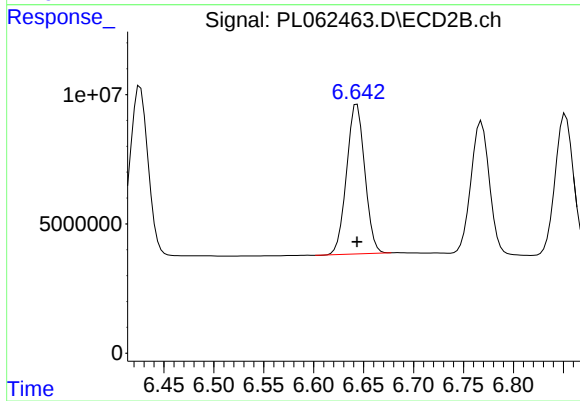
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 84469160  
Conc: 34.43 ng/ml



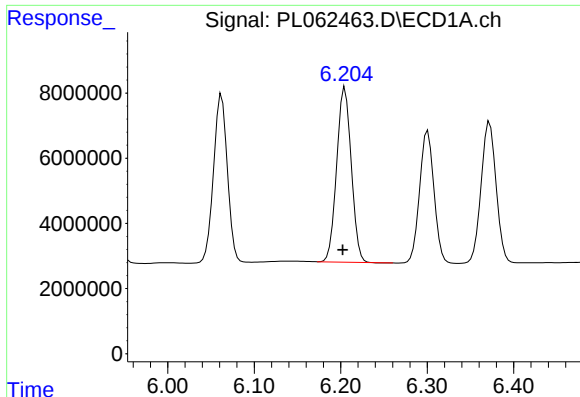
#14 Endrin

R.T.: 5.933 min  
Delta R.T.: 0.002 min  
Response: 65813941  
Conc: 40.54 ng/ml



#14 Endrin

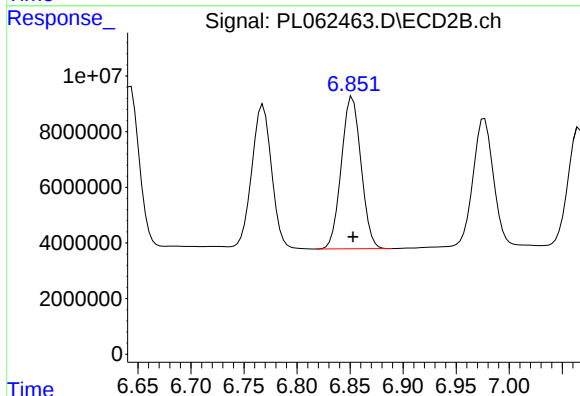
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 73378209  
Conc: 35.07 ng/ml



#15 Endosulfan II

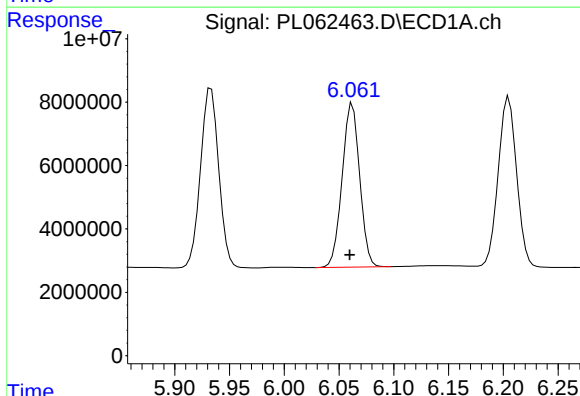
R.T.: 6.205 min  
Delta R.T.: 0.003 min  
Response: 62463732  
Conc: 37.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



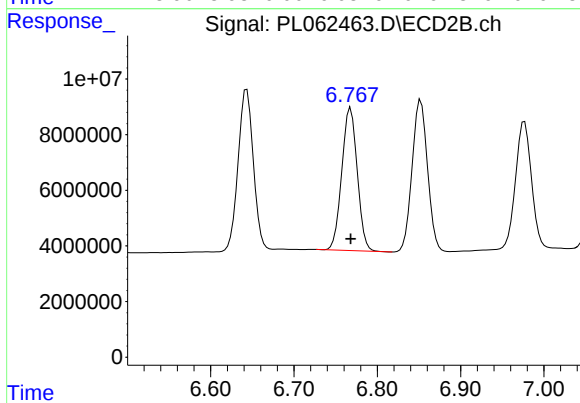
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 70591840  
Conc: 32.23 ng/ml



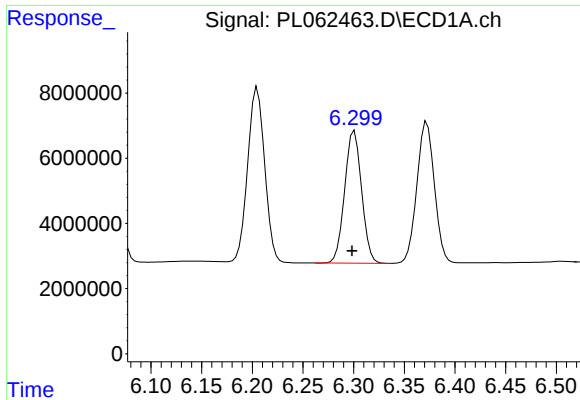
#16 4,4'-DDD

R.T.: 6.062 min  
Delta R.T.: 0.002 min  
Response: 57602206  
Conc: 41.48 ng/ml



#16 4,4'-DDD

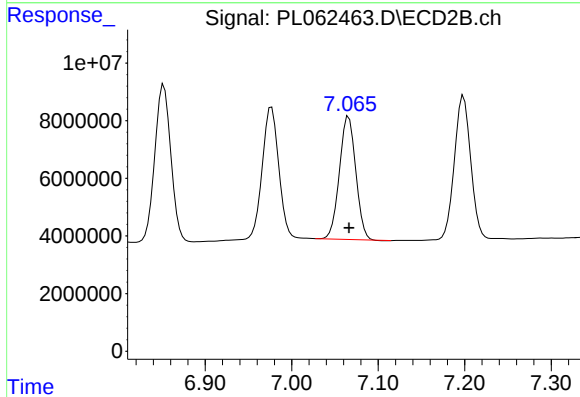
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 66183829  
Conc: 34.71 ng/ml



#17 4,4'-DDT

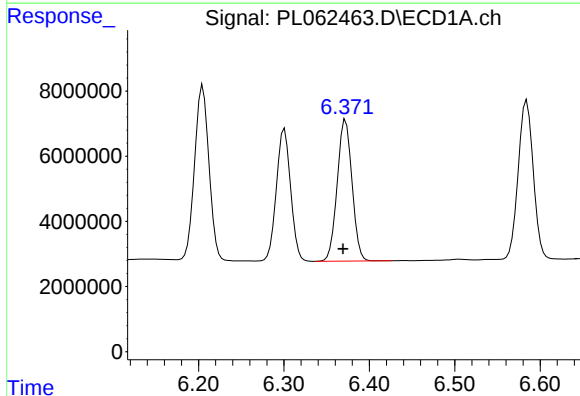
R.T.: 6.301 min  
Delta R.T.: 0.002 min  
Response: 47096883  
Conc: 35.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



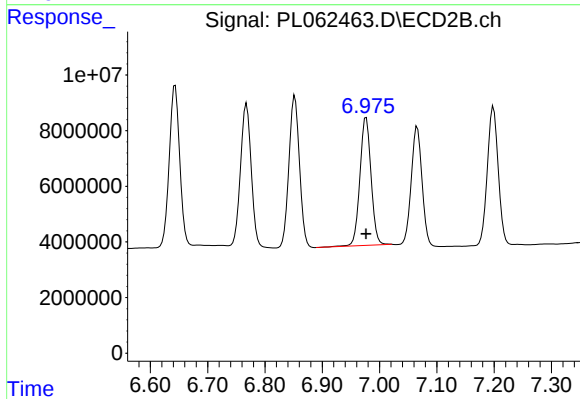
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 55704415  
Conc: 29.39 ng/ml



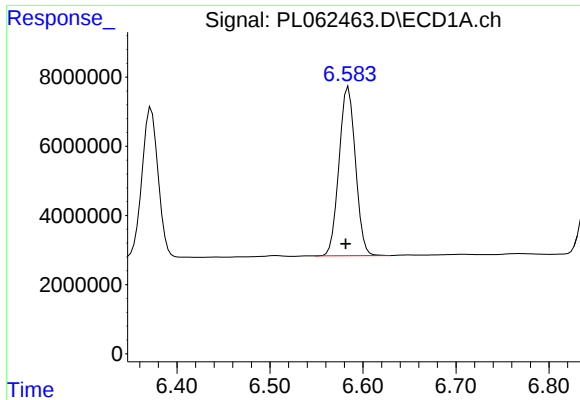
#18 Endrin aldehyde

R.T.: 6.372 min  
Delta R.T.: 0.003 min  
Response: 52380095  
Conc: 36.90 ng/ml



#18 Endrin aldehyde

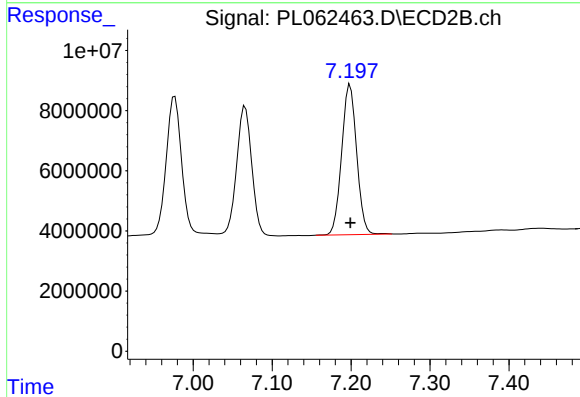
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 61807314  
Conc: 33.07 ng/ml



#19 Endosulfan Sulfate

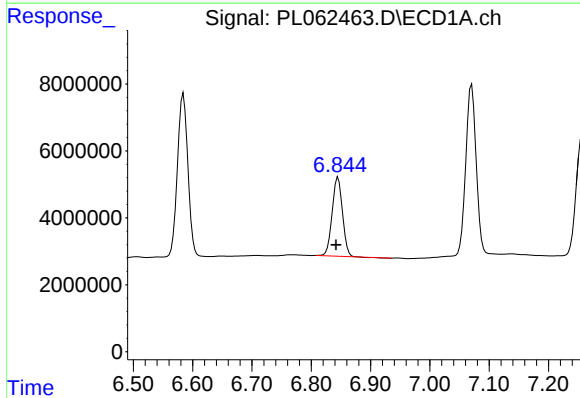
R.T.: 6.584 min  
Delta R.T.: 0.003 min  
Response: 59878054  
Conc: 37.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



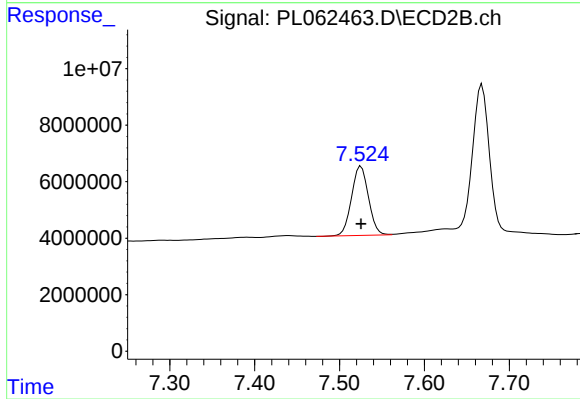
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 65965156  
Conc: 32.14 ng/ml



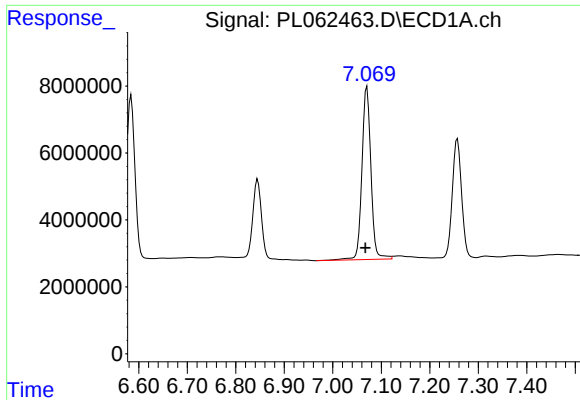
#20 Methoxychlor

R.T.: 6.845 min  
Delta R.T.: 0.004 min  
Response: 28474639  
Conc: 33.56 ng/ml



#20 Methoxychlor

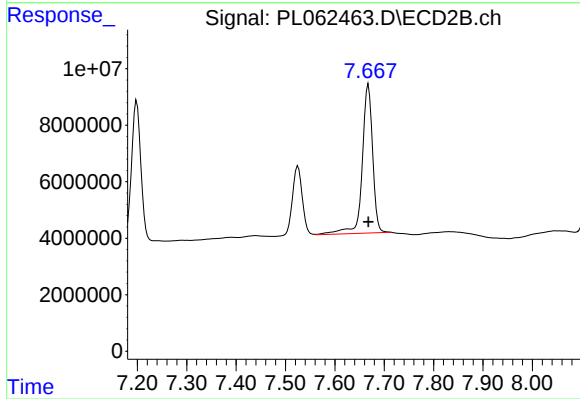
R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 34001662  
Conc: 30.65 ng/ml



#21 Endrin ketone

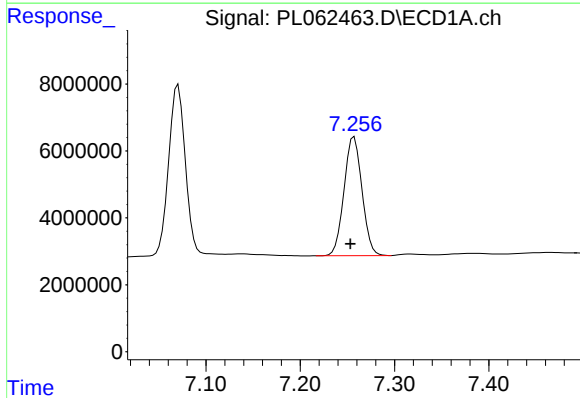
R.T.: 7.071 min  
Delta R.T.: 0.003 min  
Response: 66487200  
Conc: 35.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



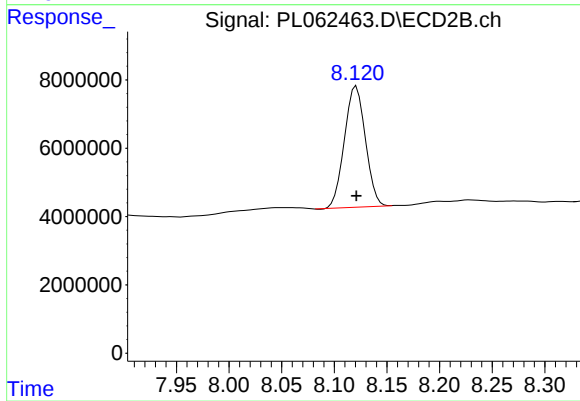
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: 0.000 min  
Response: 77250967  
Conc: 36.30 ng/ml



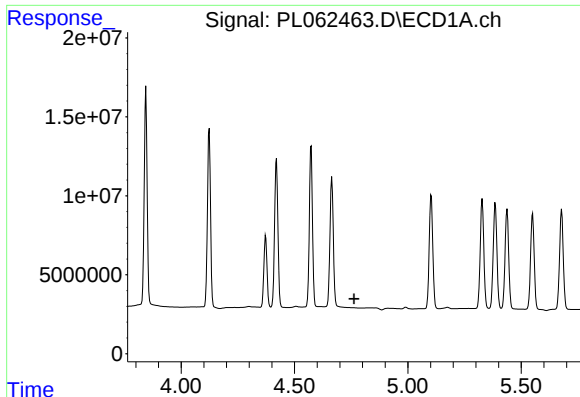
#22 Mirex

R.T.: 7.257 min  
Delta R.T.: 0.004 min  
Response: 47093609  
Conc: 32.07 ng/ml



#22 Mirex

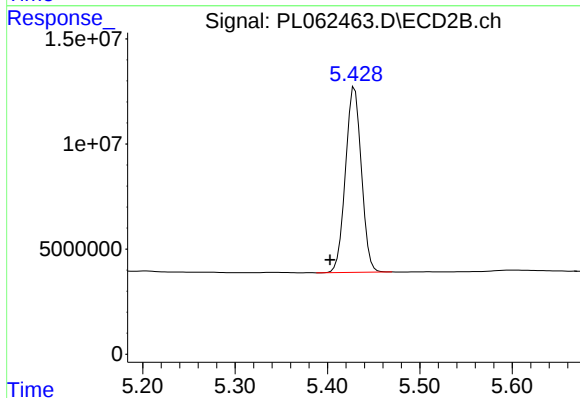
R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 49348310  
Conc: 30.13 ng/ml



#24 Chlordane-2

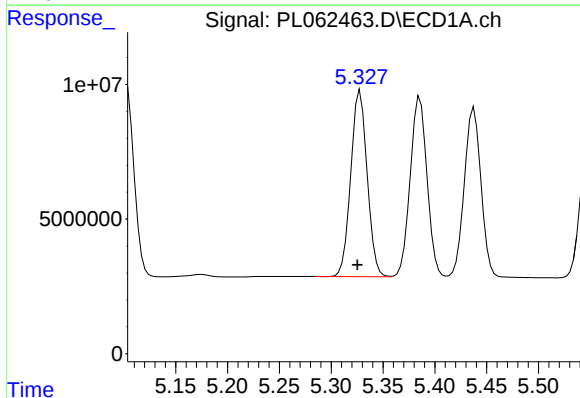
R.T.: 0.000 min  
Exp R.T.: 4.763 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



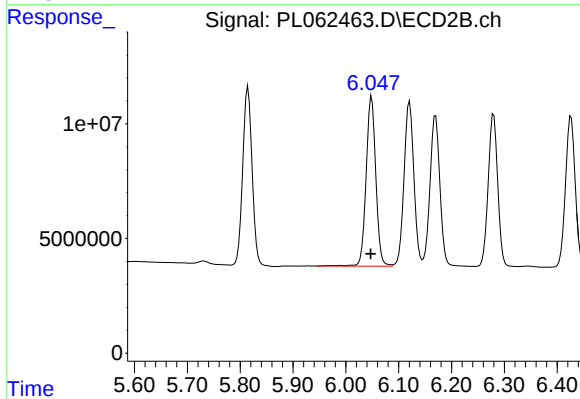
#24 Chlordane-2

R.T.: 5.429 min  
Delta R.T.: 0.027 min  
Response: 105301231  
Conc: 1263.57 ng/ml



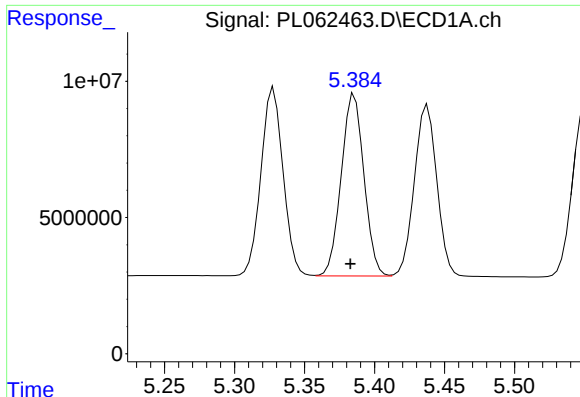
#25 Chlordane-3

R.T.: 5.328 min  
Delta R.T.: 0.003 min  
Response: 76045042  
Conc: 520.59 ng/ml



#25 Chlordane-3

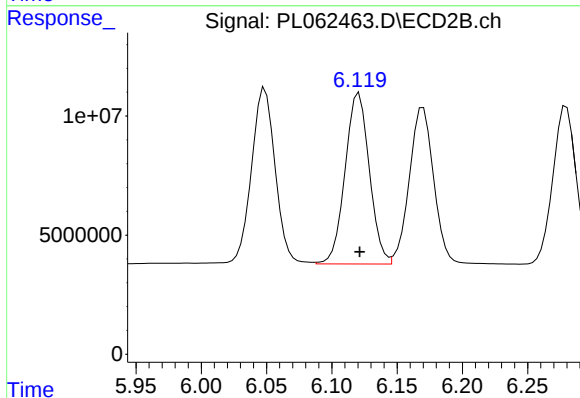
R.T.: 6.049 min  
Delta R.T.: 0.002 min  
Response: 94394038  
Conc: 310.47 ng/ml



#26 Chlordane-4

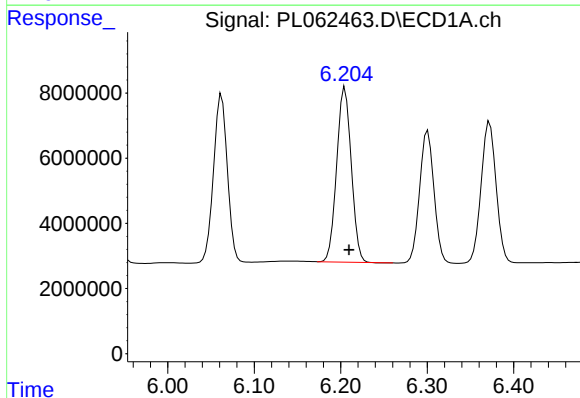
R.T.: 5.386 min  
Delta R.T.: 0.003 min  
Response: 75491704  
Conc: 609.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



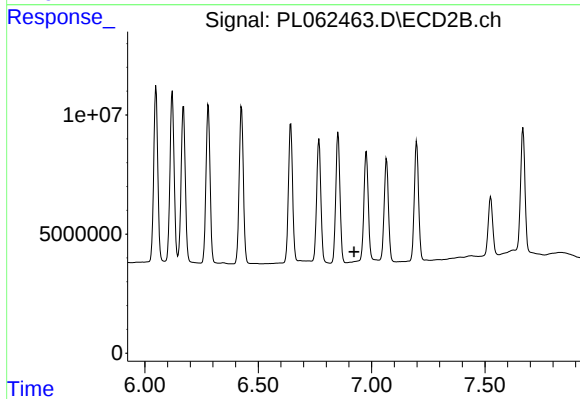
#26 Chlordane-4

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 92999440  
Conc: 251.51 ng/ml



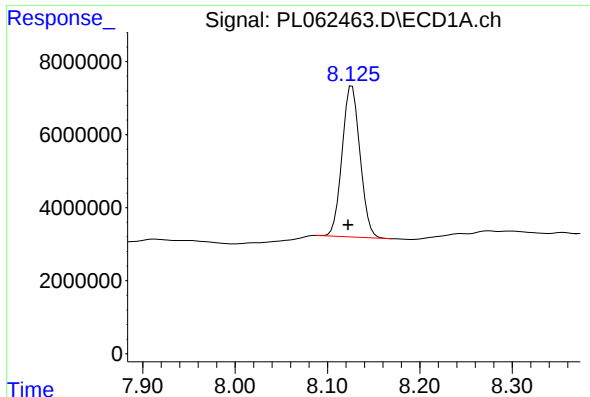
#27 Chlordane-5

R.T.: 6.205 min  
Delta R.T.: -0.005 min  
Response: 62463732  
Conc: 1206.34 ng/ml



#27 Chlordane-5

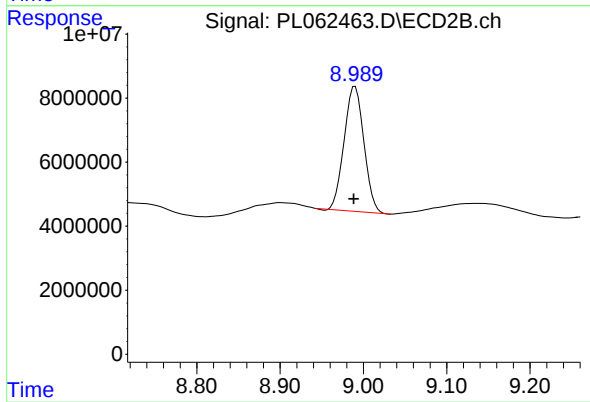
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.127 min  
Delta R.T.: 0.004 min  
Response: 55615024  
Conc: 31.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.001 min  
Response: 64334527  
Conc: 32.44 ng/ml