

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070120\  
 Data File : PL059657.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jul 2020 15:31  
 Operator : AJ\MA  
 Sample : L3160-01MSD  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 02 04:11:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 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... | 3.516 | 4.070  | 20762823 | 29436624 | 11.560   | 11.069     |
| 28)                         | SA Decachlor... | 8.286 | 9.182  | 9954302  | 11737110 | 6.484    | 5.400      |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.957 | 4.463  | 128.4E6  | 194.7E6  | 49.916   | 49.993     |
| 3)                          | MA gamma-BHC... | 4.242 | 4.750  | 112.3E6  | 180.9E6  | 49.524   | 49.477     |
| 4)                          | MA Heptachlor   | 4.547 | 5.264  | 106.2E6  | 177.7E6  | 50.838   | 50.733     |
| 5)                          | MB Aldrin       | 4.797 | 5.572  | 91252911 | 153.7E6  | 53.258   | 48.619     |
| 6)                          | B beta-BHC      | 4.492 | 4.919  | 48380484 | 81213235 | 51.567   | 52.742     |
| 7)                          | B delta-BHC     | 4.698 | 5.139  | 101.0E6  | 140.2E6  | 51.631   | 47.926     |
| 8)                          | B Heptachlo...  | 5.241 | 5.961  | 85284783 | 63628507 | 52.609   | 26.182 #   |
| 9)                          | A Endosulfan I  | 5.581 | 6.319  | 79605898 | 139.5E6  | 51.734   | 51.699     |
| 10)                         | B gamma-Chl...  | 5.469 | 6.195  | 84562620 | 145.9E6  | 51.684   | 49.477     |
| 11)                         | B alpha-Chl...  | 5.526 | 6.269  | 116.1E6  | 146.3E6  | 70.703   | 49.481 #   |
| 12)                         | B 4,4'-DDE      | 5.691 | 6.423  | 79355475 | 137.1E6  | 52.935   | 51.408     |
| 13)                         | MA Dieldrin     | 5.825 | 6.577  | 84581502 | 141.2E6  | 52.981   | 50.113     |
| 14)                         | MA Endrin       | 6.082 | 6.797  | 78065215 | 123.8E6  | 52.795   | 50.321     |
| 15)                         | B Endosulfa...  | 6.354 | 7.005  | 73982679 | 123.7E6  | 48.741   | 48.150     |
| 16)                         | A 4,4'-DDD      | 6.207 | 6.915  | 68081265 | 116.1E6  | 51.004   | 48.743     |
| 17)                         | MA 4,4'-DDT     | 6.449 | 7.215  | 66047927 | 107.0E6  | 52.027   | 47.325     |
| 18)                         | B Endrin al...  | 6.523 | 7.129  | 63848863 | 103.7E6  | 50.590   | 46.783     |
| 19)                         | B Endosulfa...  | 6.735 | 7.352  | 73667789 | 121.4E6  | 51.314   | 50.708     |
| 20)                         | A Methoxychlor  | 6.994 | 7.672  | 35258566 | 59477907 | 46.072   | 46.060     |
| 21)                         | B Endrin ke...  | 7.228 | 7.826  | 86188696 | 130.9E6  | 52.198   | 51.958     |
| 22)                         | Mirex           | 7.421 | 8.283  | 61609570 | 88794624 | 47.447   | 46.492     |
| 23)                         | Chlordane-1     | 4.395 | 5.063  | 877717   | 340489   | 16.842   | 3.154 #    |
| 24)                         | Chlordane-2     | 4.909 | 5.572f | 790839   | 153.7E6  | 15.197   | 1509.603 # |
| 25)                         | Chlordane-3     | 5.469 | 6.195  | 84562620 | 145.9E6  | 593.804  | 389.150 #  |
| 26)                         | Chlordane-4     | 5.526 | 6.269  | 116.1E6  | 146.3E6  | 971.398  | 324.925 #  |
| 27)                         | Chlordane-5     | 6.354 | 7.086  | 73982679 | 453972   | 1440.097 | 5.217 #    |
| -----                       |                 |       |        |          |          |          |            |

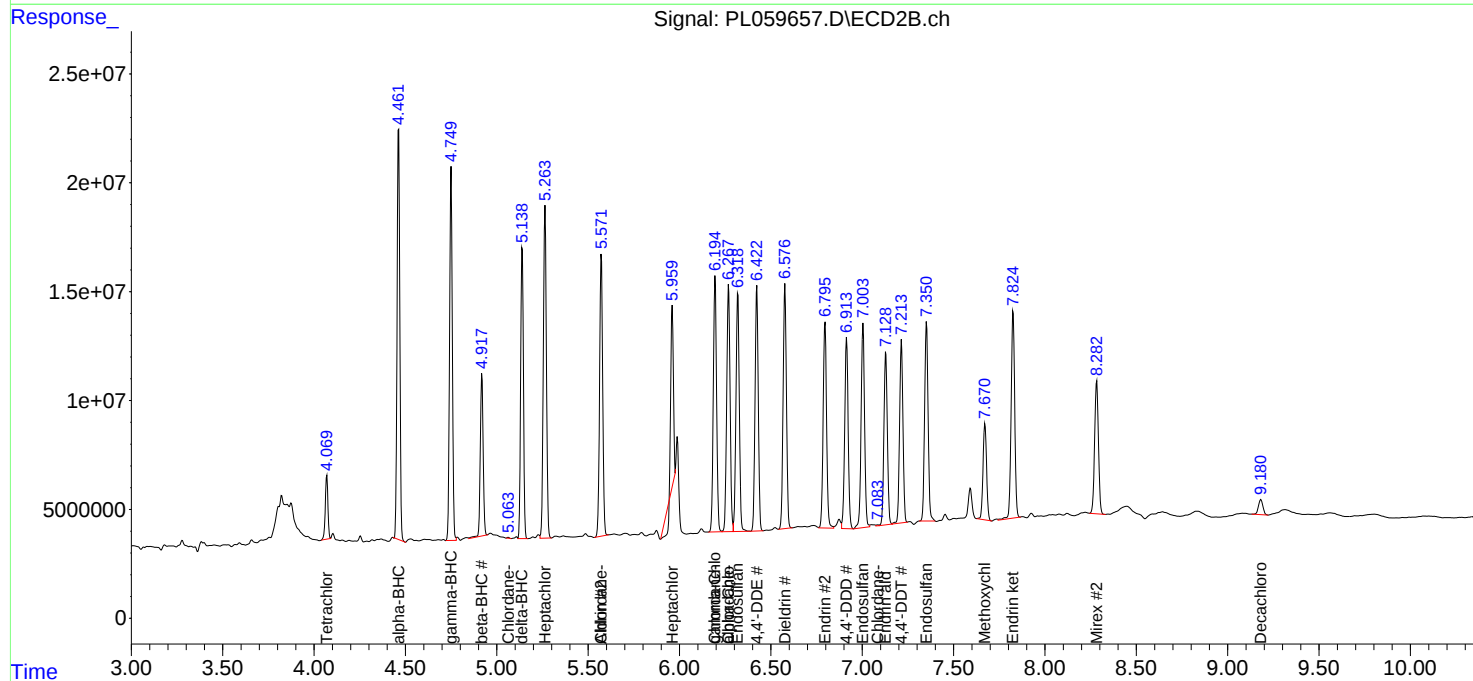
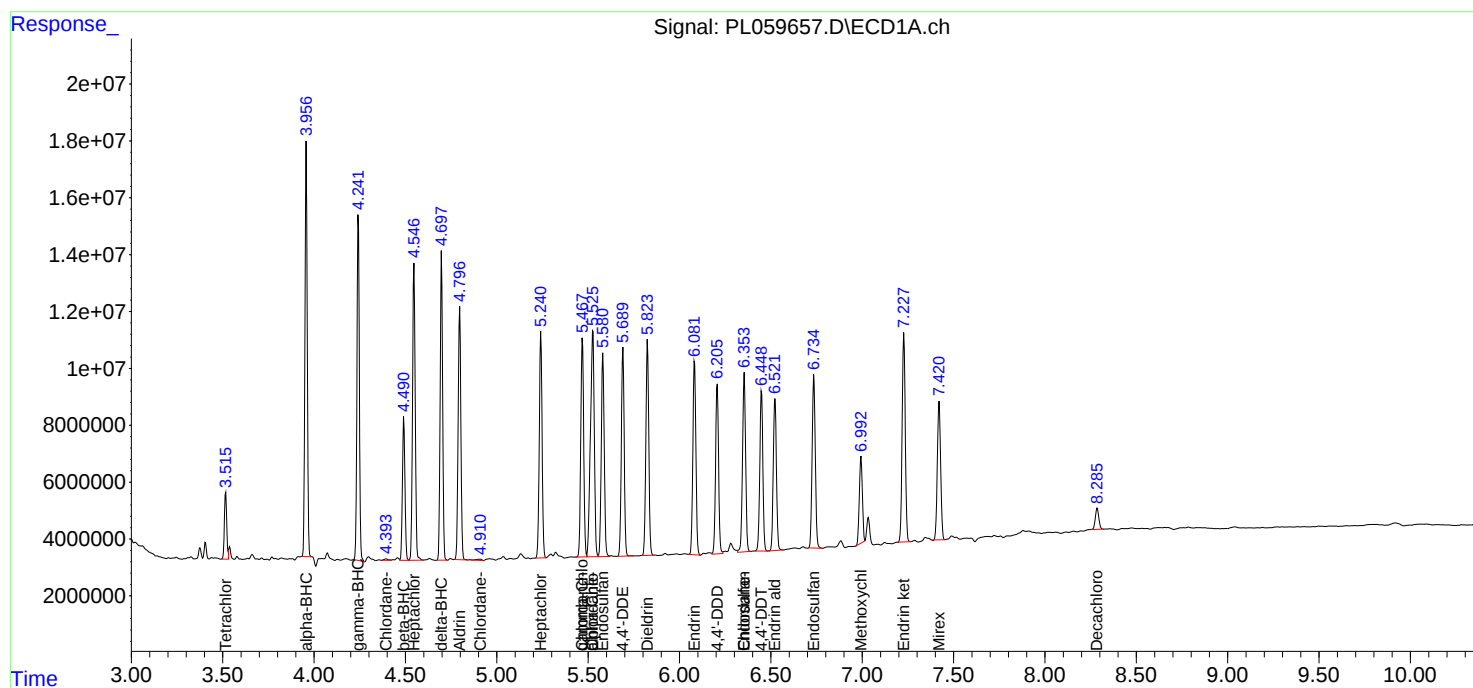
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

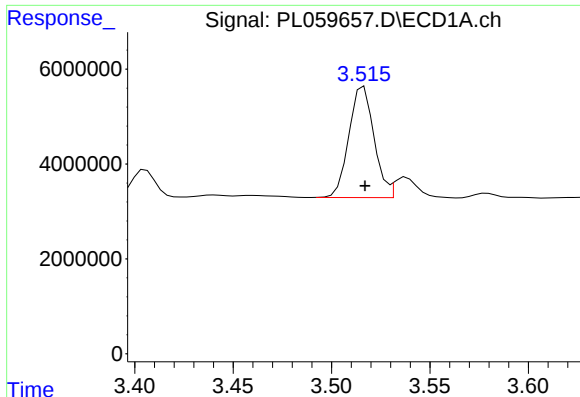
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070120\  
Data File : PL059657.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Jul 2020 15:31  
Operator : AJ\MA  
Sample : L3160-01MSD  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 02 04:11:21 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 01 01:23:58 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

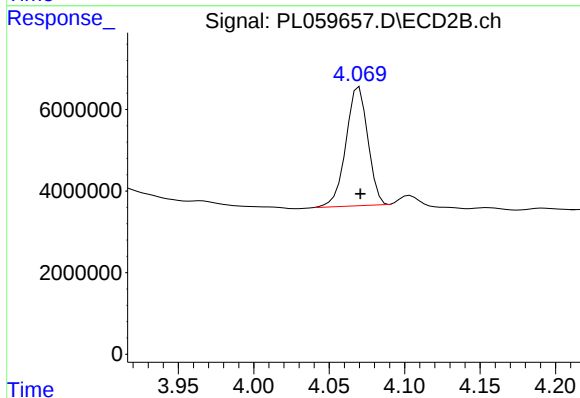




#1 Tetrachloro-m-xylene

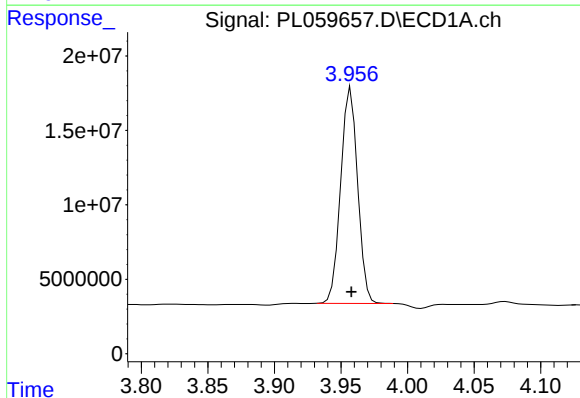
R.T.: 3.516 min  
Delta R.T.: 0.000 min  
Response: 20762823  
Conc: 11.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



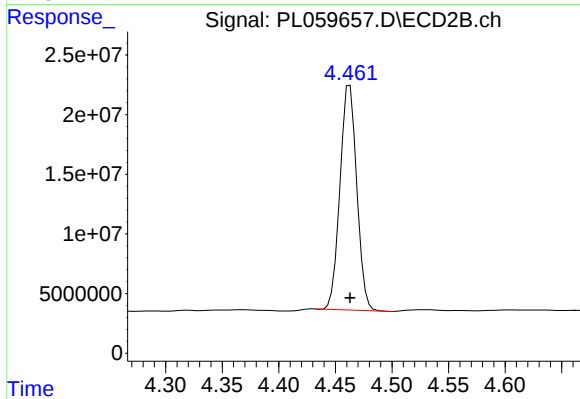
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 29436624  
Conc: 11.07 ng/ml



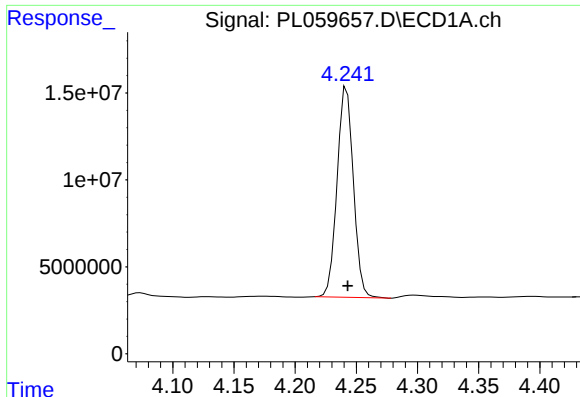
#2 alpha-BHC

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 128391937  
Conc: 49.92 ng/ml



#2 alpha-BHC

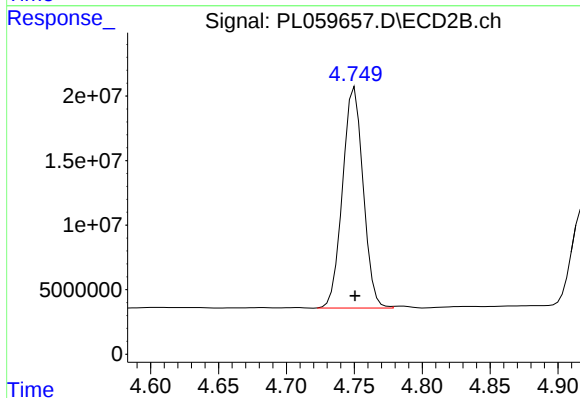
R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 194674162  
Conc: 49.99 ng/ml



#3 gamma-BHC (Lindane)

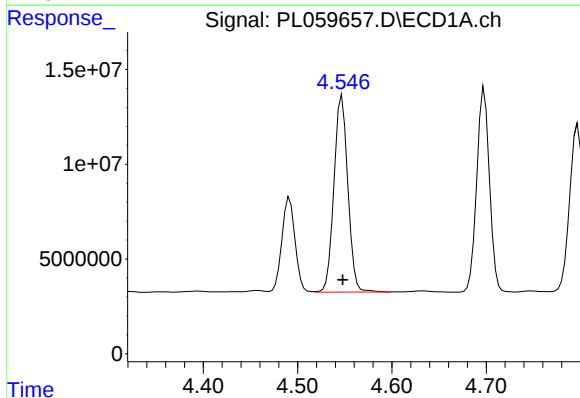
R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 112258211  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



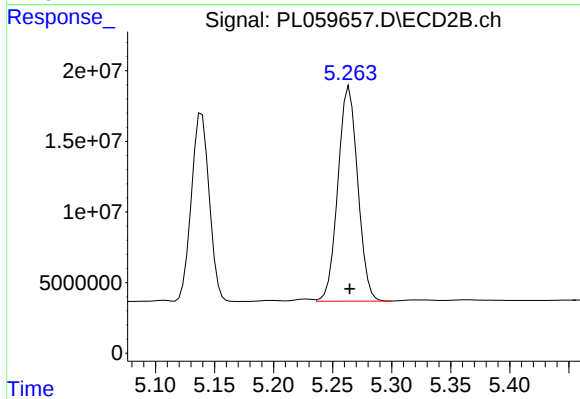
#3 gamma-BHC (Lindane)

R.T.: 4.750 min  
Delta R.T.: 0.000 min  
Response: 180933393  
Conc: 49.48 ng/ml



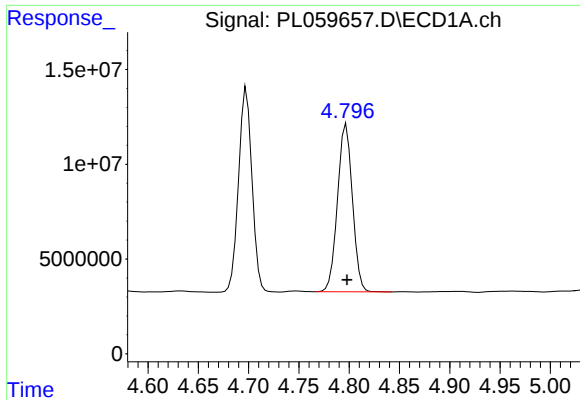
#4 Heptachlor

R.T.: 4.547 min  
Delta R.T.: 0.000 min  
Response: 106201059  
Conc: 50.84 ng/ml



#4 Heptachlor

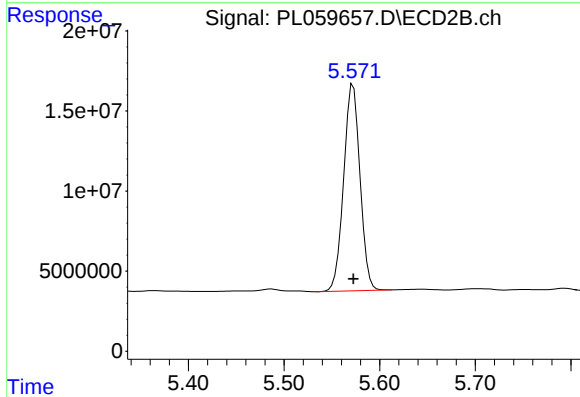
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 177746834  
Conc: 50.73 ng/ml



#5 Aldrin

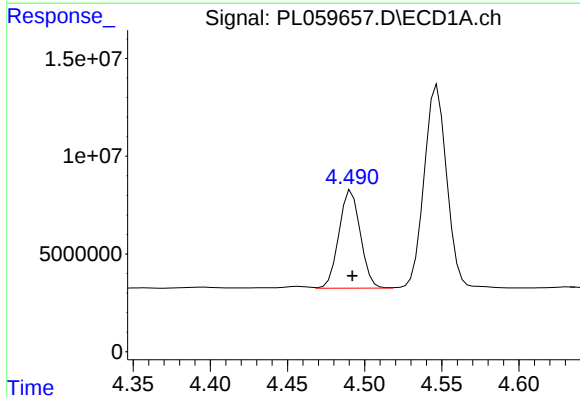
R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 91252911  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



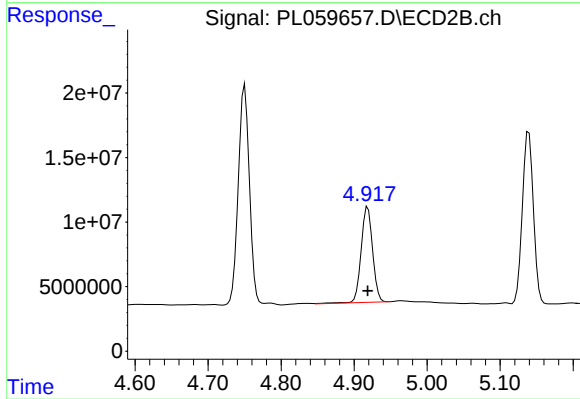
#5 Aldrin

R.T.: 5.572 min  
Delta R.T.: 0.000 min  
Response: 153728878  
Conc: 48.62 ng/ml



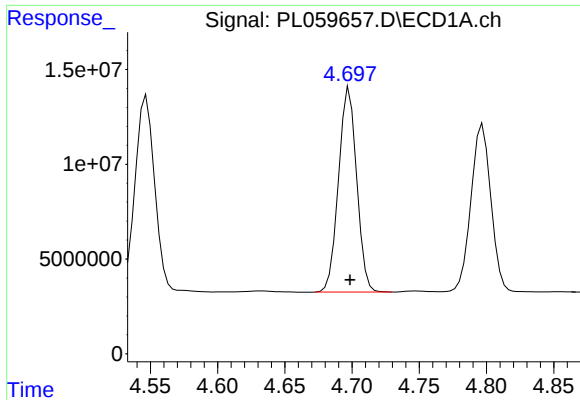
#6 beta-BHC

R.T.: 4.492 min  
Delta R.T.: 0.000 min  
Response: 48380484  
Conc: 51.57 ng/ml



#6 beta-BHC

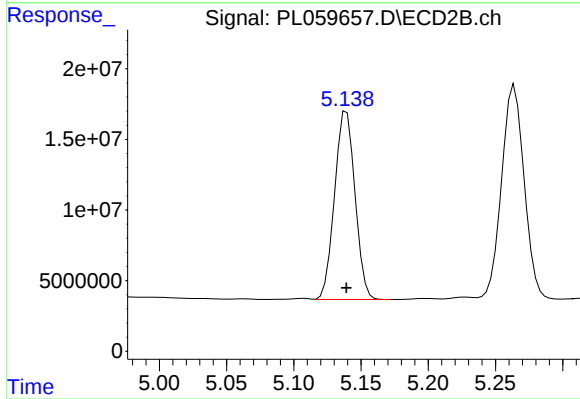
R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 81213235  
Conc: 52.74 ng/ml



#7 delta-BHC

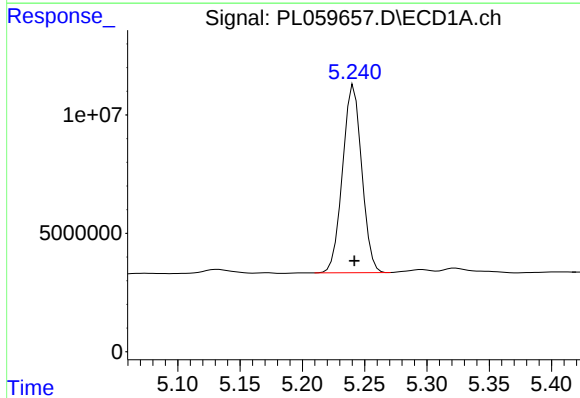
R.T.: 4.698 min  
Delta R.T.: 0.000 min  
Response: 100986208  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



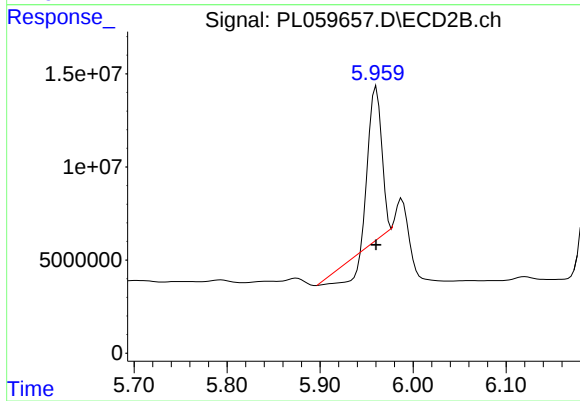
#7 delta-BHC

R.T.: 5.139 min  
Delta R.T.: 0.000 min  
Response: 140204269  
Conc: 47.93 ng/ml



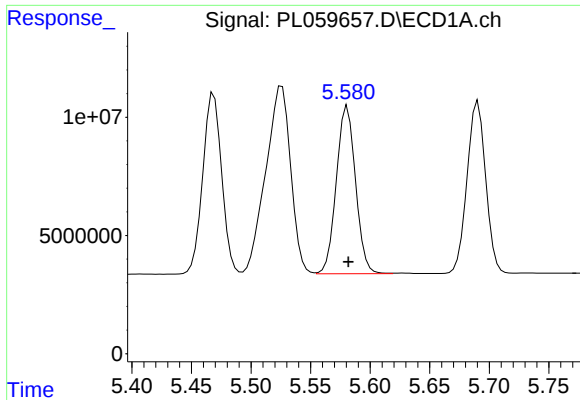
#8 Heptachlor epoxide

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 85284783  
Conc: 52.61 ng/ml



#8 Heptachlor epoxide

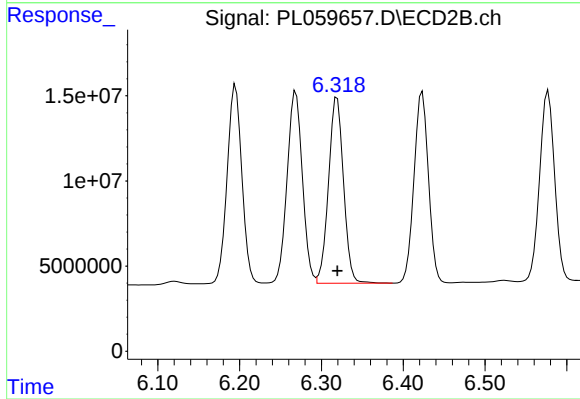
R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 63628507  
Conc: 26.18 ng/ml



#9 Endosulfan I

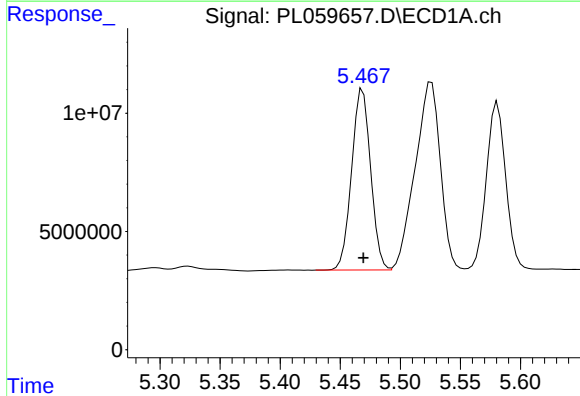
R.T.: 5.581 min  
Delta R.T.: 0.000 min  
Response: 79605898  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



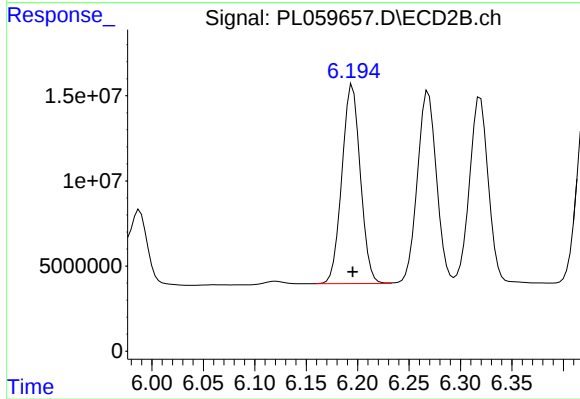
#9 Endosulfan I

R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 139495259  
Conc: 51.70 ng/ml



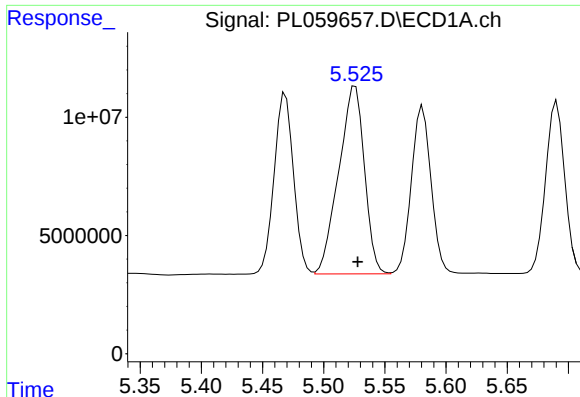
#10 gamma-Chlordane

R.T.: 5.469 min  
Delta R.T.: 0.000 min  
Response: 84562620  
Conc: 51.68 ng/ml



#10 gamma-Chlordane

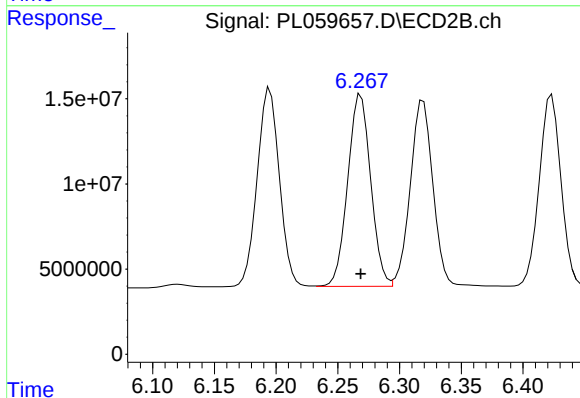
R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 145895490  
Conc: 49.48 ng/ml



#11 alpha-Chlordane

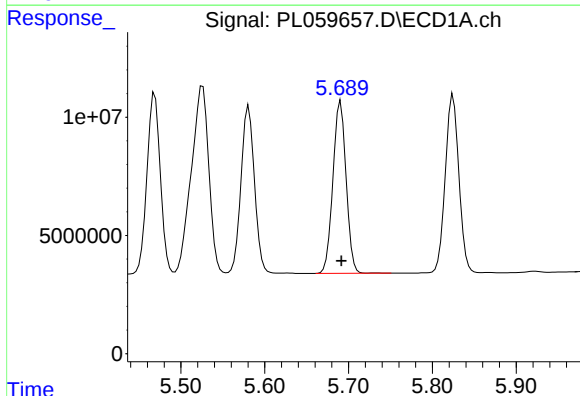
R.T.: 5.526 min  
Delta R.T.: -0.002 min  
Response: 116096913  
Conc: 70.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



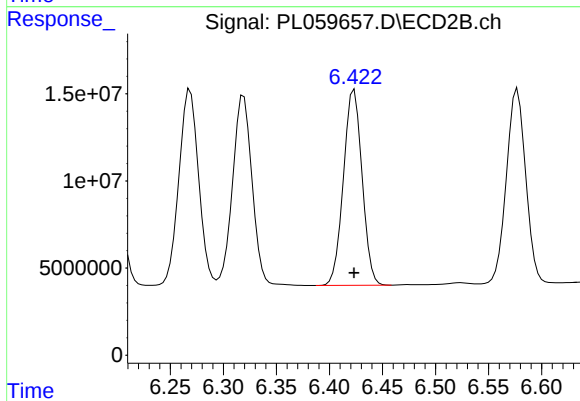
#11 alpha-Chlordane

R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 146347773  
Conc: 49.48 ng/ml



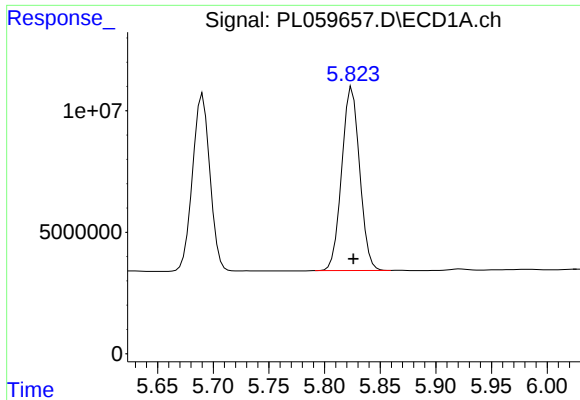
#12 4,4'-DDE

R.T.: 5.691 min  
Delta R.T.: 0.000 min  
Response: 79355475  
Conc: 52.94 ng/ml



#12 4,4'-DDE

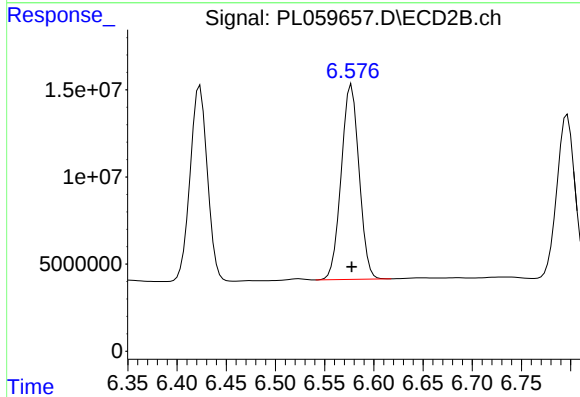
R.T.: 6.423 min  
Delta R.T.: 0.000 min  
Response: 137144681  
Conc: 51.41 ng/ml



#13 Dieldrin

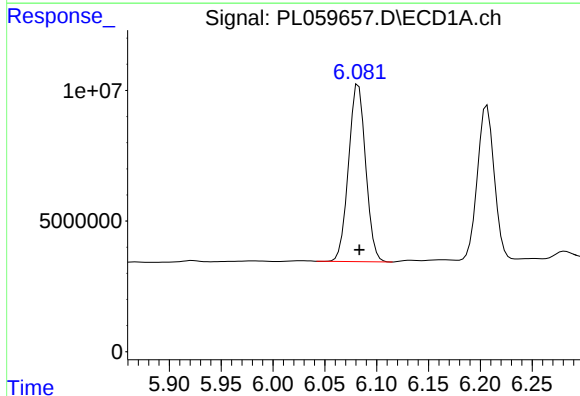
R.T.: 5.825 min  
Delta R.T.: -0.001 min  
Response: 84581502  
Conc: 52.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



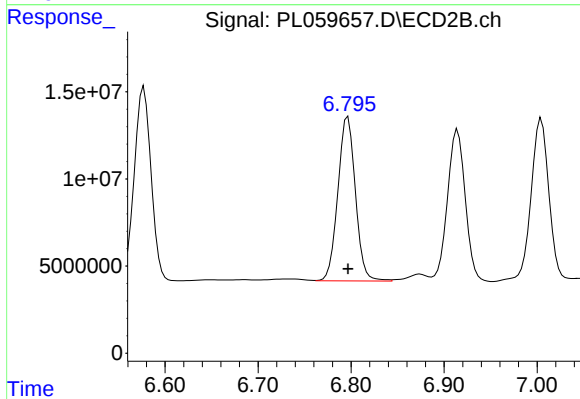
#13 Dieldrin

R.T.: 6.577 min  
Delta R.T.: 0.000 min  
Response: 141220313  
Conc: 50.11 ng/ml



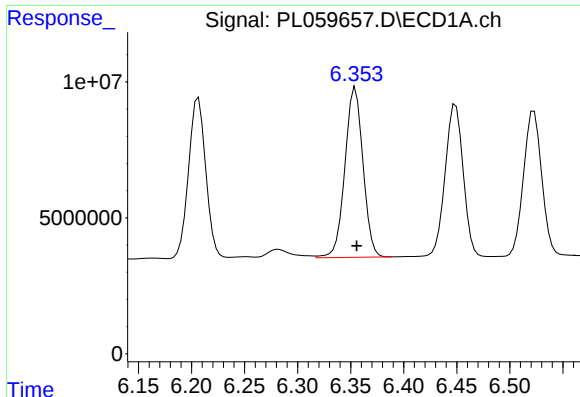
#14 Endrin

R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 78065215  
Conc: 52.80 ng/ml



#14 Endrin

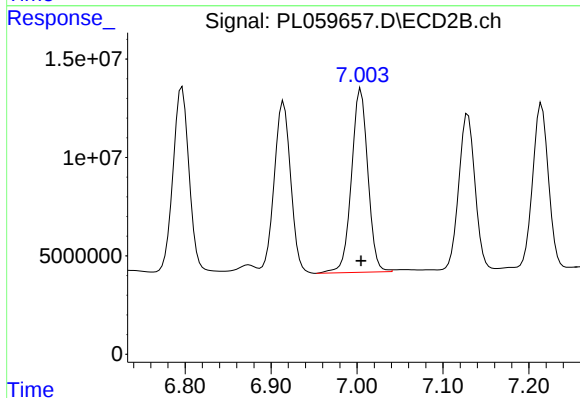
R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 123754623  
Conc: 50.32 ng/ml



#15 Endosulfan II

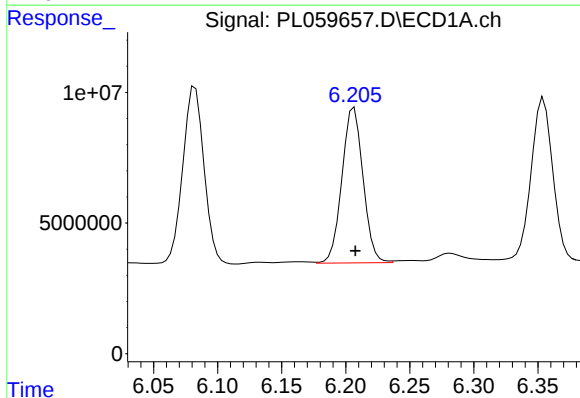
R.T.: 6.354 min  
Delta R.T.: -0.001 min  
Response: 73982679  
Conc: 48.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



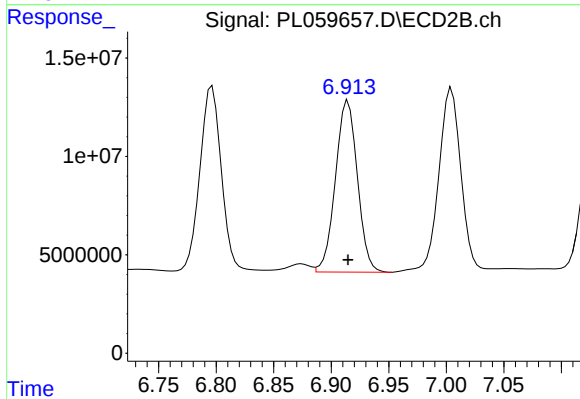
#15 Endosulfan II

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 123686792  
Conc: 48.15 ng/ml



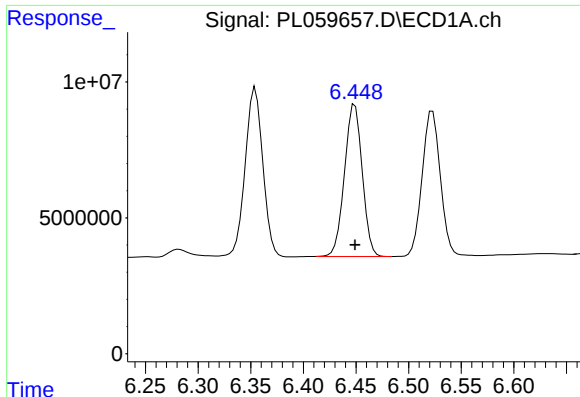
#16 4,4'-DDD

R.T.: 6.207 min  
Delta R.T.: -0.001 min  
Response: 68081265  
Conc: 51.00 ng/ml



#16 4,4'-DDD

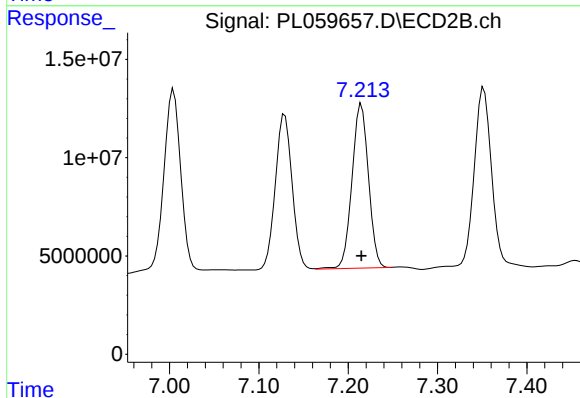
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 116063107  
Conc: 48.74 ng/ml



#17 4,4'-DDT

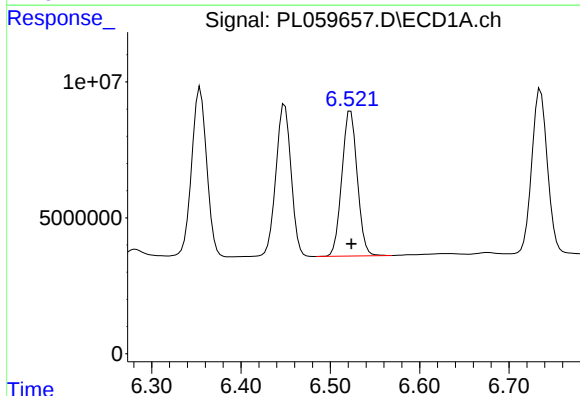
R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 66047927  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



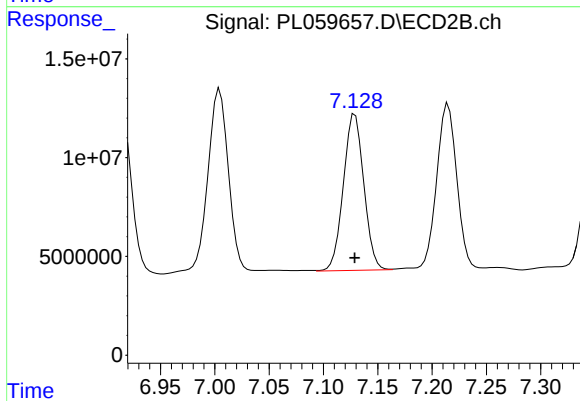
#17 4,4'-DDT

R.T.: 7.215 min  
Delta R.T.: 0.000 min  
Response: 107028931  
Conc: 47.32 ng/ml



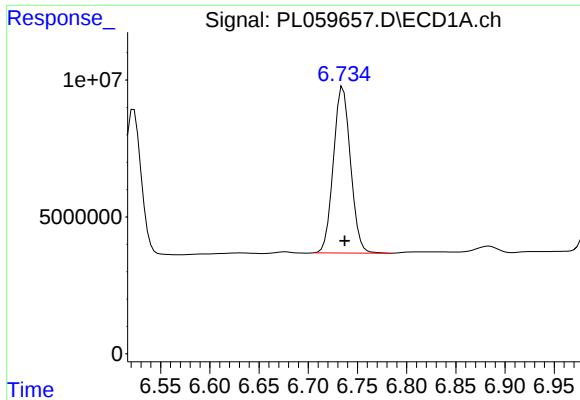
#18 Endrin aldehyde

R.T.: 6.523 min  
Delta R.T.: 0.000 min  
Response: 63848863  
Conc: 50.59 ng/ml



#18 Endrin aldehyde

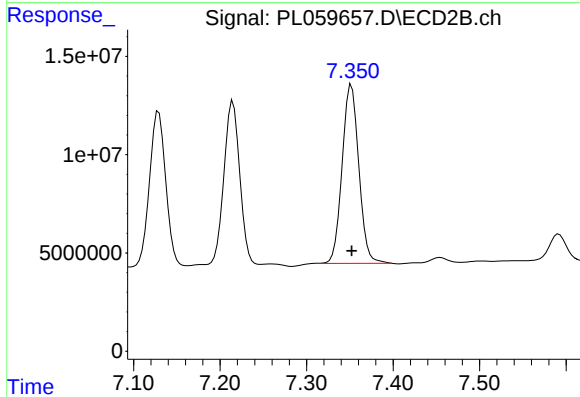
R.T.: 7.129 min  
Delta R.T.: 0.000 min  
Response: 103673175  
Conc: 46.78 ng/ml



#19 Endosulfan Sulfate

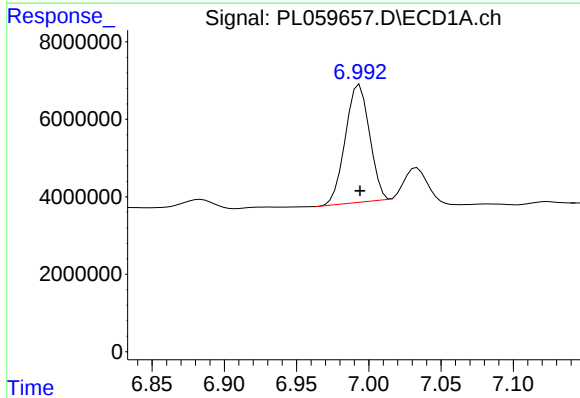
R.T.: 6.735 min  
Delta R.T.: -0.002 min  
Response: 73667789  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



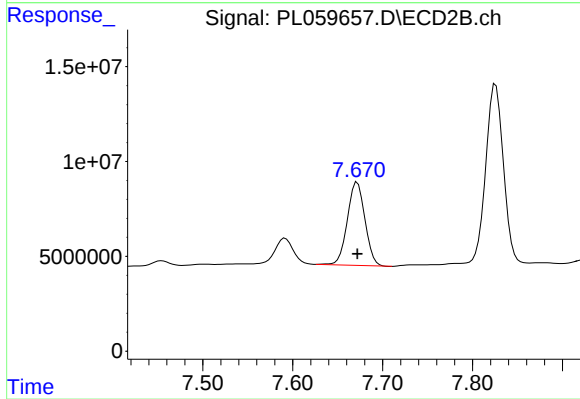
#19 Endosulfan Sulfate

R.T.: 7.352 min  
Delta R.T.: 0.000 min  
Response: 121359380  
Conc: 50.71 ng/ml



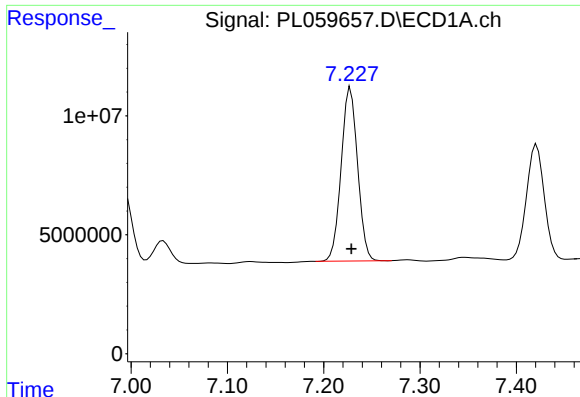
#20 Methoxychlor

R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 35258566  
Conc: 46.07 ng/ml



#20 Methoxychlor

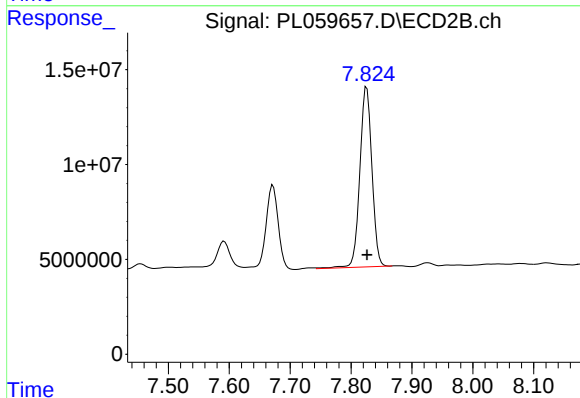
R.T.: 7.672 min  
Delta R.T.: 0.000 min  
Response: 59477907  
Conc: 46.06 ng/ml



#21 Endrin ketone

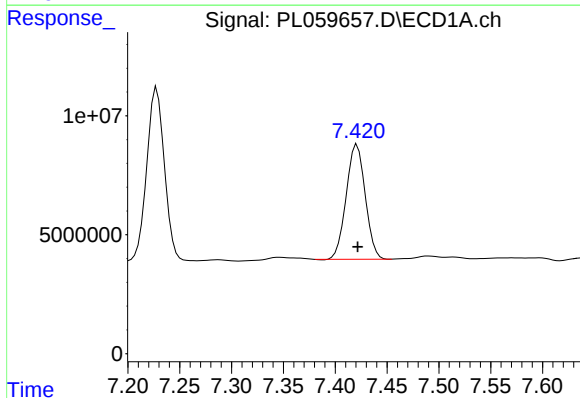
R.T.: 7.228 min  
Delta R.T.: 0.000 min  
Response: 86188696  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



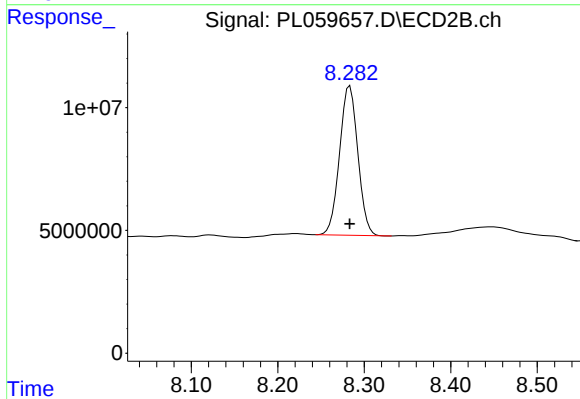
#21 Endrin ketone

R.T.: 7.826 min  
Delta R.T.: 0.000 min  
Response: 130918789  
Conc: 51.96 ng/ml



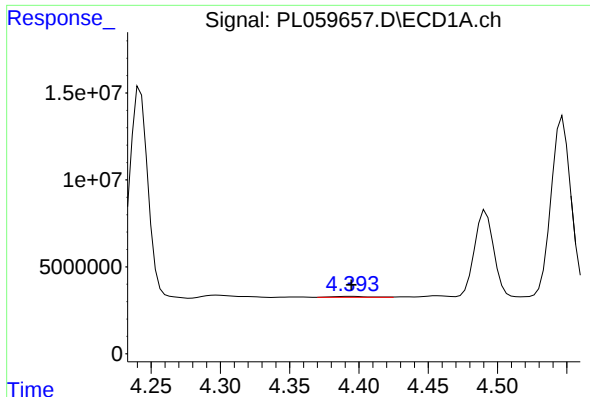
#22 Mirex

R.T.: 7.421 min  
Delta R.T.: 0.000 min  
Response: 61609570  
Conc: 47.45 ng/ml



#22 Mirex

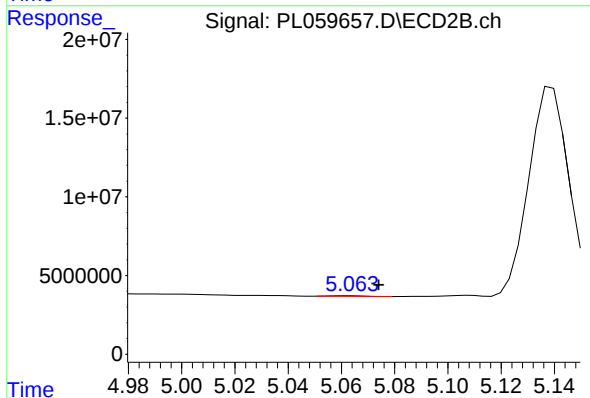
R.T.: 8.283 min  
Delta R.T.: 0.000 min  
Response: 88794624  
Conc: 46.49 ng/ml



#23 Chlordane-1

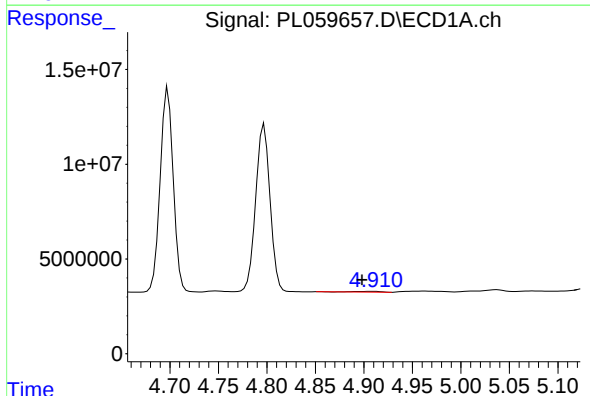
R.T.: 4.395 min  
Delta R.T.: 0.000 min  
Response: 877717  
Conc: 16.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



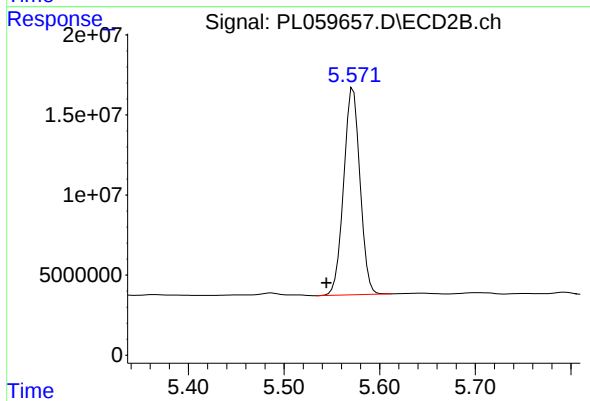
#23 Chlordane-1

R.T.: 5.063 min  
Delta R.T.: -0.011 min  
Response: 340489  
Conc: 3.15 ng/ml



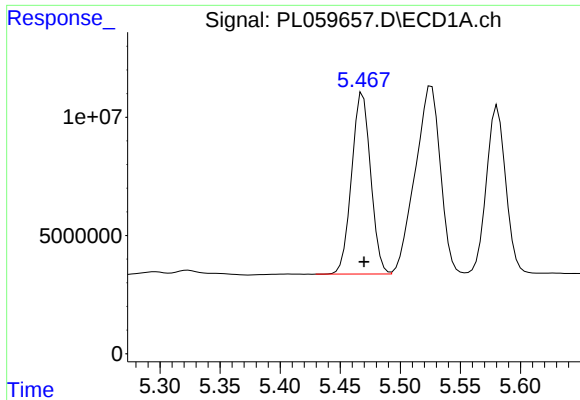
#24 Chlordane-2

R.T.: 4.909 min  
Delta R.T.: 0.011 min  
Response: 790839  
Conc: 15.20 ng/ml



#24 Chlordane-2

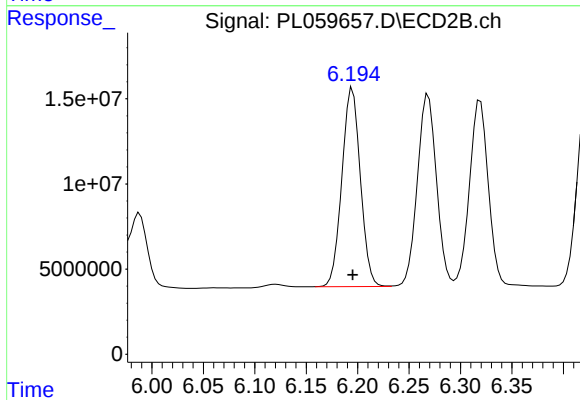
R.T.: 5.572 min  
Delta R.T.: 0.028 min  
Response: 153728878  
Conc: 1509.60 ng/ml



#25 Chlordane-3

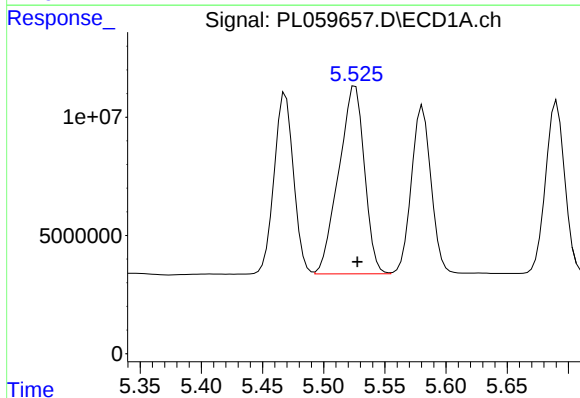
R.T.: 5.469 min  
Delta R.T.: -0.001 min  
Response: 84562620  
Conc: 593.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



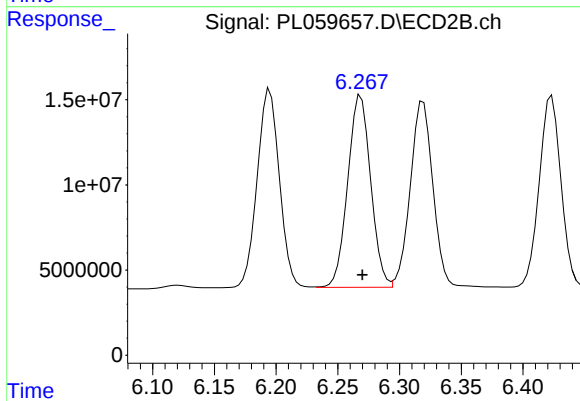
#25 Chlordane-3

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 145895490  
Conc: 389.15 ng/ml



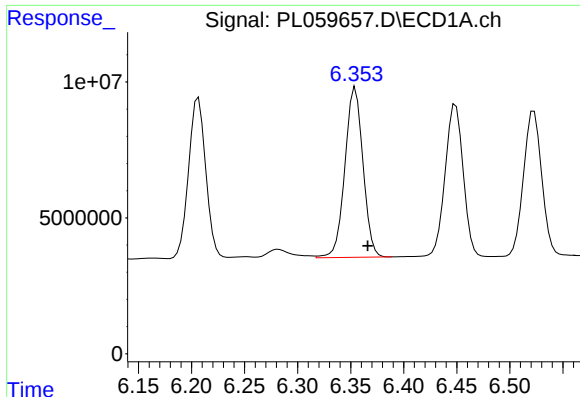
#26 Chlordane-4

R.T.: 5.526 min  
Delta R.T.: -0.002 min  
Response: 116096913  
Conc: 971.40 ng/ml



#26 Chlordane-4

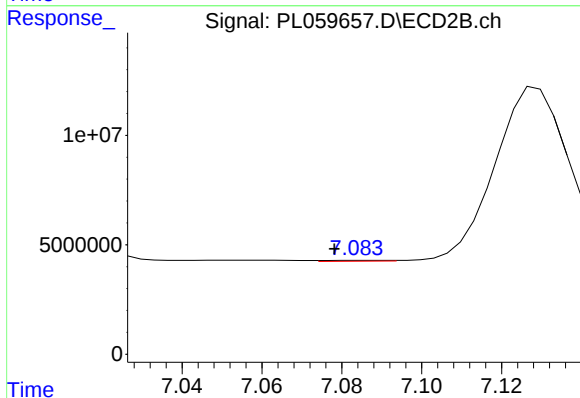
R.T.: 6.269 min  
Delta R.T.: -0.001 min  
Response: 146347773  
Conc: 324.92 ng/ml



#27 Chlordane-5

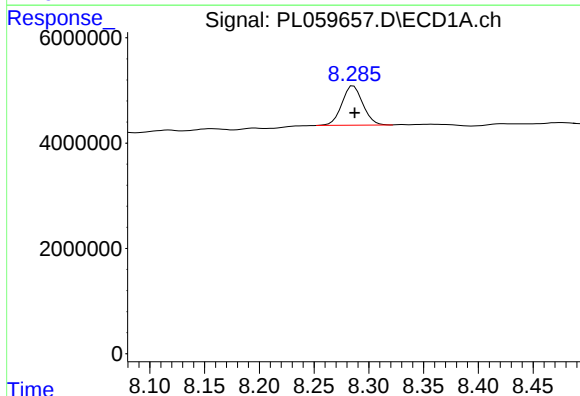
R.T.: 6.354 min  
Delta R.T.: -0.012 min  
Response: 73982679  
Conc: 1440.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



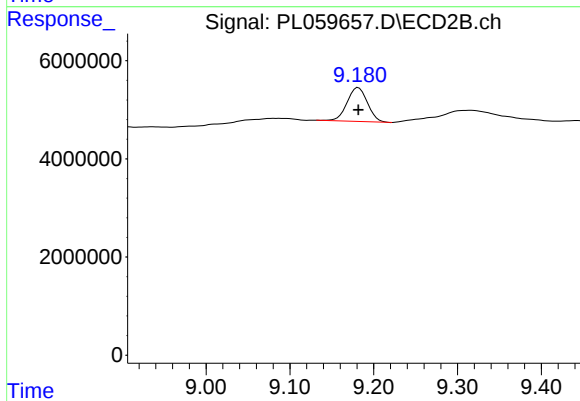
#27 Chlordane-5

R.T.: 7.086 min  
Delta R.T.: 0.008 min  
Response: 453972  
Conc: 5.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.286 min  
Delta R.T.: -0.001 min  
Response: 9954302  
Conc: 6.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.182 min  
Delta R.T.: 0.000 min  
Response: 11737110  
Conc: 5.40 ng/ml