

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021320\  
 Data File : PL056537.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Feb 2020 20:11  
 Operator : AJ\MA  
 Sample : L1493-07MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 00:21:06 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021220.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 13 05:32:36 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... | 3.497 | 4.020  | 201.1E6 | 65955570 | 22.791   | 24.244     |
| 2)                          | SA Decachlor... | 8.251 | 9.092  | 217.5E6 | 46980156 | 22.709   | 23.032     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.935 | 4.409  | 960.9E6 | 257.5E6  | 62.672   | 63.234     |
| 3)                          | MA gamma-BHC... | 4.219 | 4.694  | 921.4E6 | 240.3E6  | 65.302   | 63.217     |
| 4)                          | MA Heptachlor   | 4.521 | 5.201  | 899.4E6 | 204.8E6  | 61.790   | 60.911     |
| 5)                          | MB Aldrin       | 4.769 | 5.506  | 888.2E6 | 200.9E6  | 62.328   | 61.938     |
| 6)                          | B beta-BHC      | 4.470 | 4.866  | 341.4E6 | 89850633 | 59.841   | 62.065     |
| 7)                          | B delta-BHC     | 4.675 | 5.083  | 837.0E6 | 169.9E6  | 59.792   | 57.658     |
| 8)                          | B Heptachlo...  | 5.212 | 5.893  | 813.9E6 | 166.2E6  | 60.804   | 59.412     |
| 9)                          | A Endosulfan I  | 5.552 | 6.251  | 758.7E6 | 169.4E6  | 60.467   | 60.913     |
| 10)                         | B gamma-Chl...  | 5.439 | 6.128  | 824.4E6 | 178.8E6  | 59.935   | 61.120     |
| 11)                         | B alpha-Chl...  | 5.498 | 6.200  | 809.2E6 | 179.0E6  | 59.410   | 60.935     |
| 12)                         | B 4,4'-DDE      | 5.660 | 6.357  | 785.6E6 | 171.1E6  | 61.781   | 61.055     |
| 13)                         | MA Dieldrin     | 5.795 | 6.507  | 828.6E6 | 178.6E6  | 62.112   | 61.361     |
| 14)                         | MA Endrin       | 6.052 | 6.726  | 895.5E6 | 153.5E6  | 76.454   | 63.020     |
| 15)                         | B Endosulfa...  | 6.326 | 6.936  | 704.1E6 | 152.8E6  | 66.897   | 59.994     |
| 16)                         | A 4,4'-DDD      | 6.177 | 6.850  | 674.5E6 | 140.1E6  | 71.272   | 61.943     |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.148  | 635.1E6 | 135.9E6  | 67.010   | 64.345     |
| 18)                         | B Endrin al...  | 6.493 | 7.061  | 592.8E6 | 127.8E6  | 61.774   | 60.064     |
| 19)                         | B Endosulfa...  | 6.706 | 7.284  | 656.0E6 | 142.0E6  | 61.624   | 59.929     |
| 20)                         | A Methoxychlor  | 6.962 | 7.607  | 314.7E6 | 70733563 | 63.957   | 61.581     |
| 21)                         | B Endrin ke...  | 7.197 | 7.756  | 741.5E6 | 154.1E6  | 62.009   | 61.338     |
| 22)                         | Mirex           | 7.388 | 8.209  | 498.6E6 | 101.6E6  | 67.184   | 62.906     |
| 24)                         | Chlordane-2     | 0.000 | 5.506f | 0       | 200.9E6  | N.D.     | 1945.569 # |
| 25)                         | Chlordane-3     | 5.439 | 6.128  | 824.4E6 | 178.8E6  | 627.905  | 461.318 #  |
| 26)                         | Chlordane-4     | 5.498 | 6.200  | 809.2E6 | 179.0E6  | 744.761  | 393.290 #  |
| 27)                         | Chlordane-5     | 6.326 | 0.000  | 704.1E6 | 0        | 1649.983 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

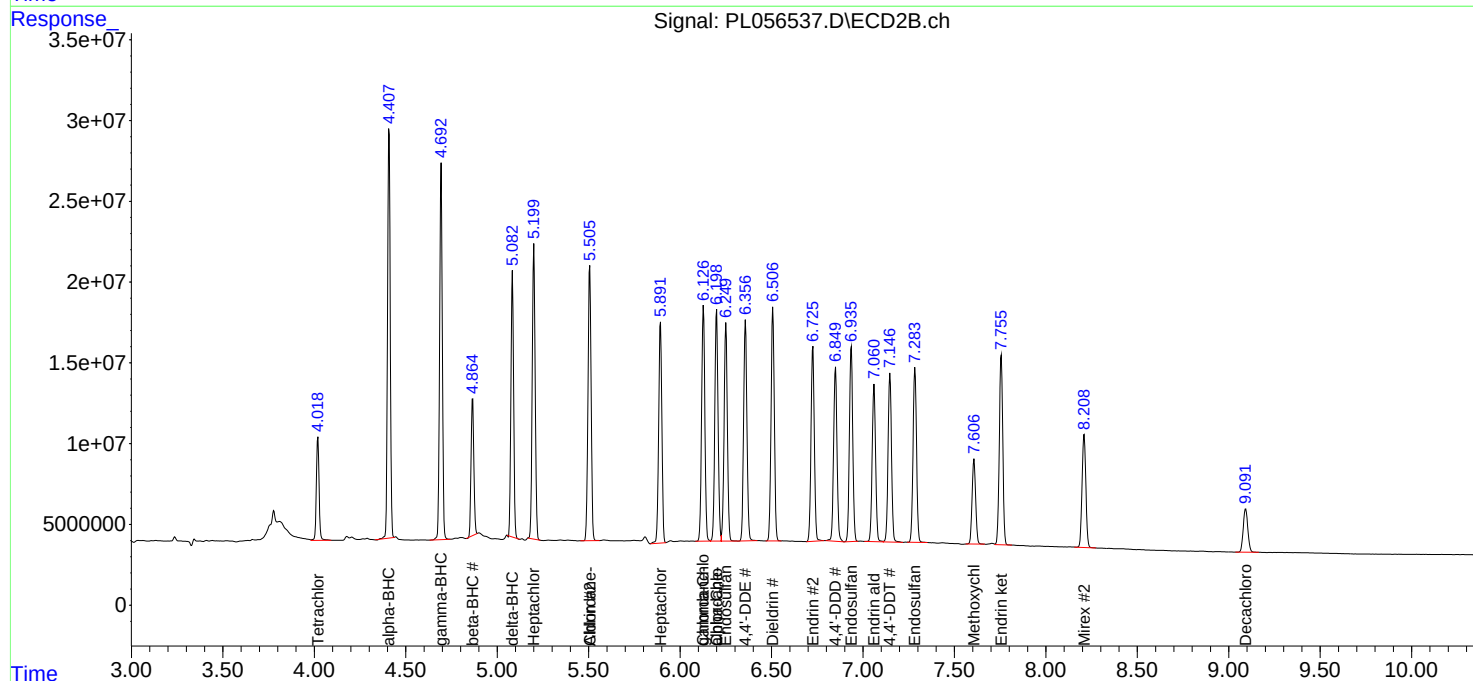
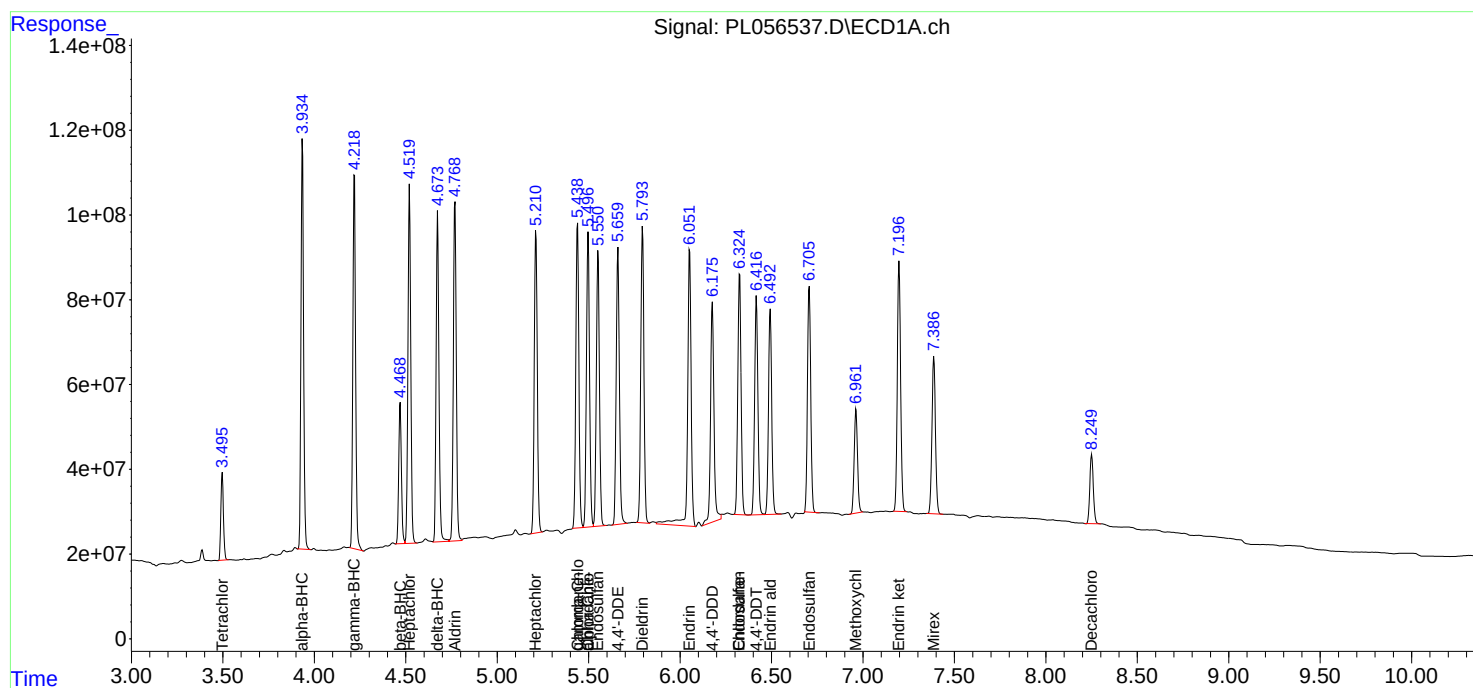
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

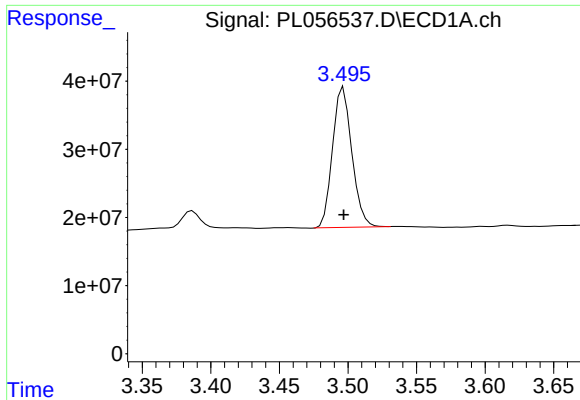
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021320\  
Data File : PL056537.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Feb 2020 20:11  
Operator : AJ\MA  
Sample : L1493-07MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 00:21:06 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021220.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 13 05:32:36 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

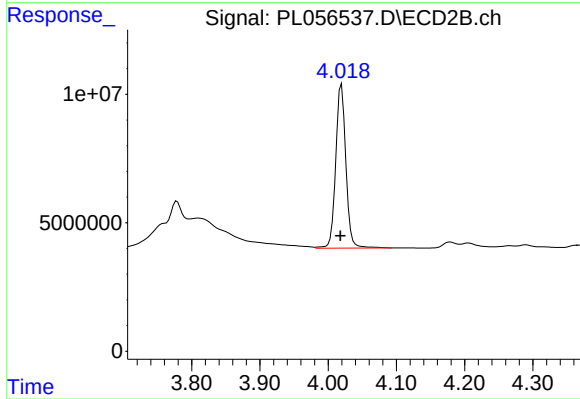




#1 Tetrachloro-m-xylene

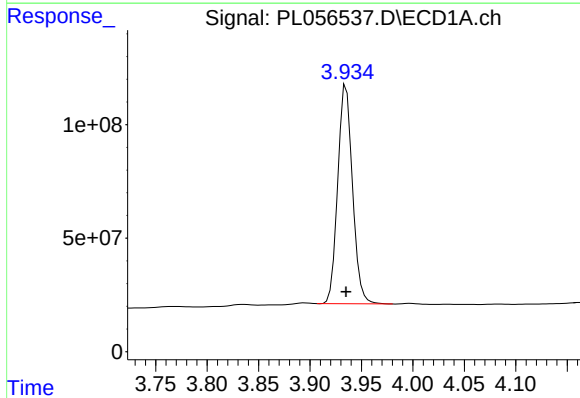
R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 201094657  
Conc: 22.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



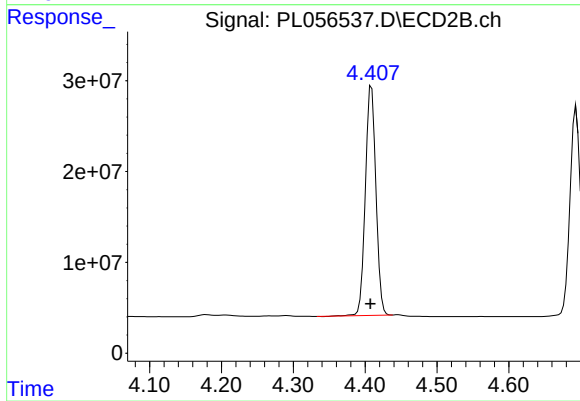
#1 Tetrachloro-m-xylene

R.T.: 4.020 min  
Delta R.T.: 0.002 min  
Response: 65955570  
Conc: 24.24 ng/ml



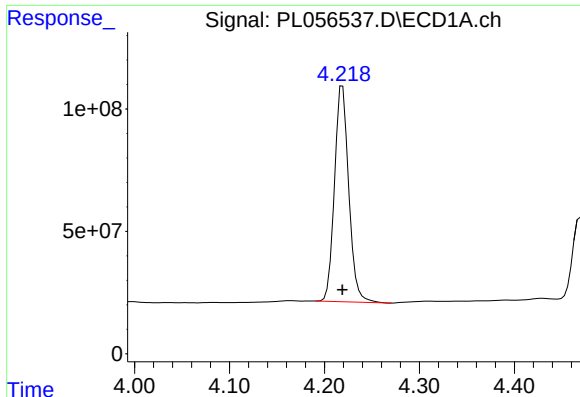
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 960858607  
Conc: 62.67 ng/ml



#2 alpha-BHC

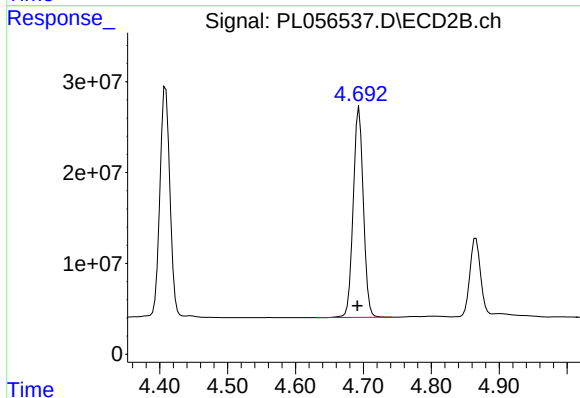
R.T.: 4.409 min  
Delta R.T.: 0.001 min  
Response: 257482335  
Conc: 63.23 ng/ml



#3 gamma-BHC (Lindane)

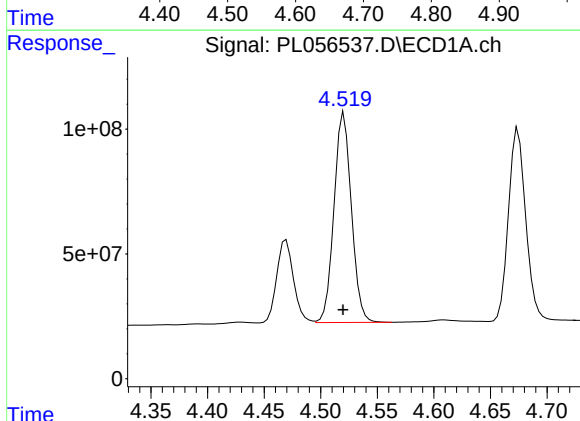
R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 921353921  
Conc: 65.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



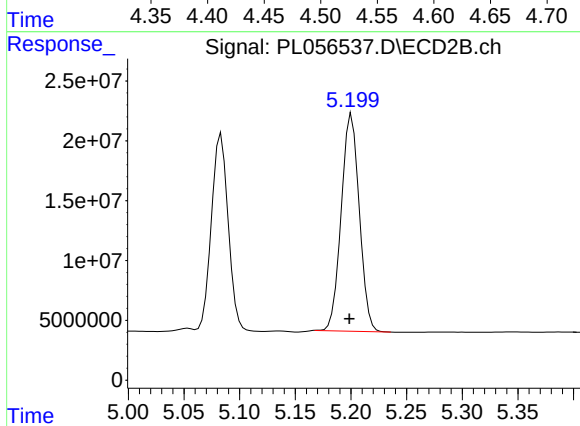
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.002 min  
Response: 240259761  
Conc: 63.22 ng/ml



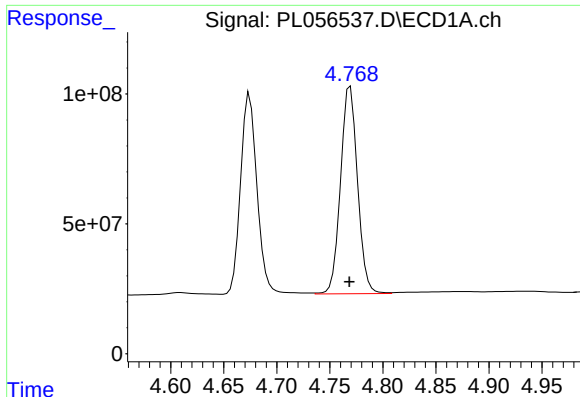
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: 0.000 min  
Response: 899370103  
Conc: 61.79 ng/ml



#4 Heptachlor

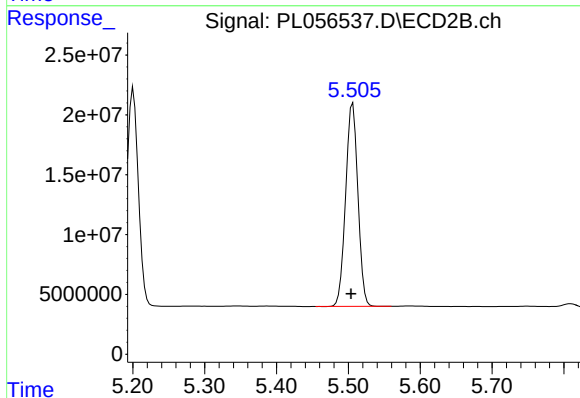
R.T.: 5.201 min  
Delta R.T.: 0.002 min  
Response: 204780945  
Conc: 60.91 ng/ml



#5 Aldrin

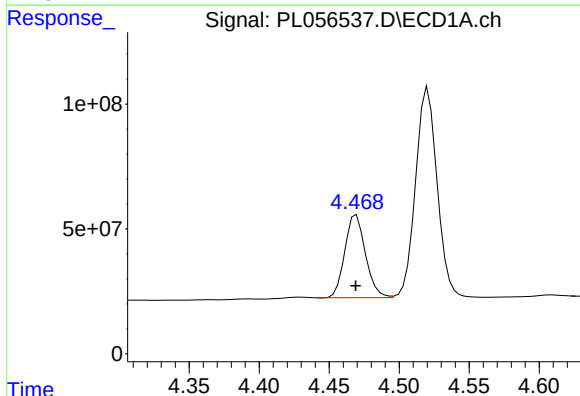
R.T.: 4.769 min  
Delta R.T.: 0.000 min  
Response: 888240076  
Conc: 62.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



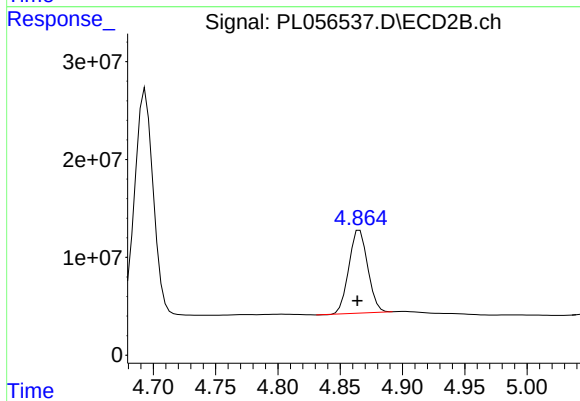
#5 Aldrin

R.T.: 5.506 min  
Delta R.T.: 0.003 min  
Response: 200864362  
Conc: 61.94 ng/ml



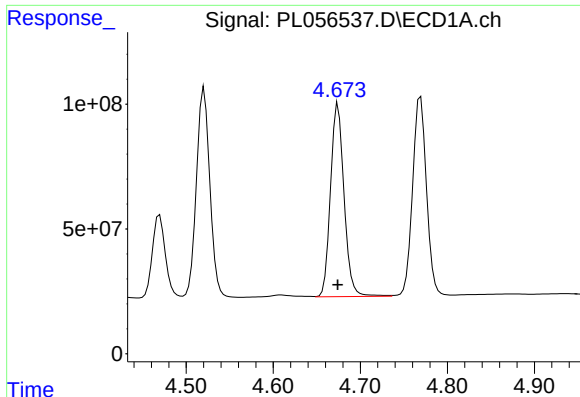
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 341444830  
Conc: 59.84 ng/ml



#6 beta-BHC

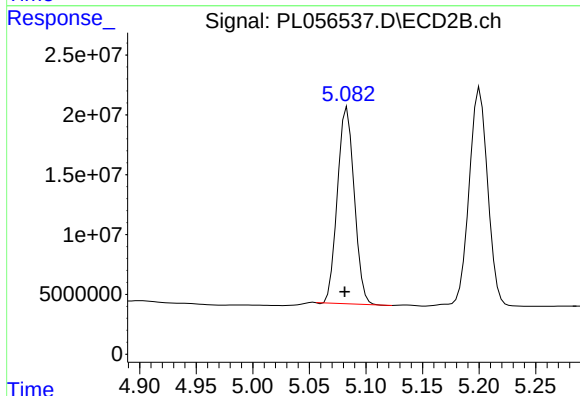
R.T.: 4.866 min  
Delta R.T.: 0.002 min  
Response: 89850633  
Conc: 62.06 ng/ml



#7 delta-BHC

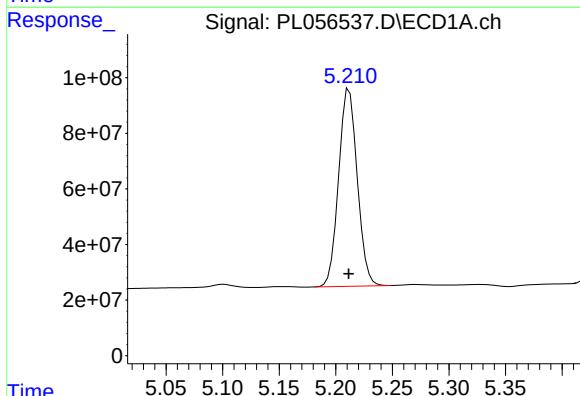
R.T.: 4.675 min  
Delta R.T.: 0.000 min  
Response: 836953307  
Conc: 59.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



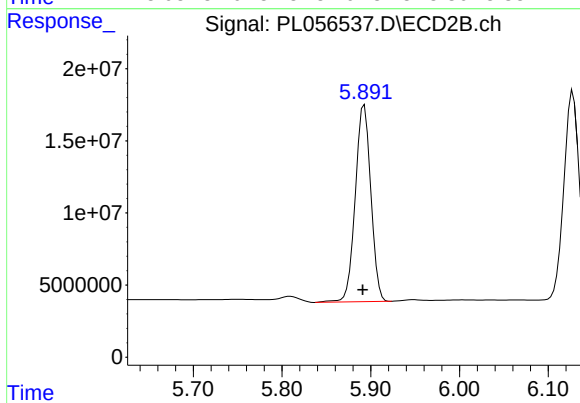
#7 delta-BHC

R.T.: 5.083 min  
Delta R.T.: 0.002 min  
Response: 169872287  
Conc: 57.66 ng/ml



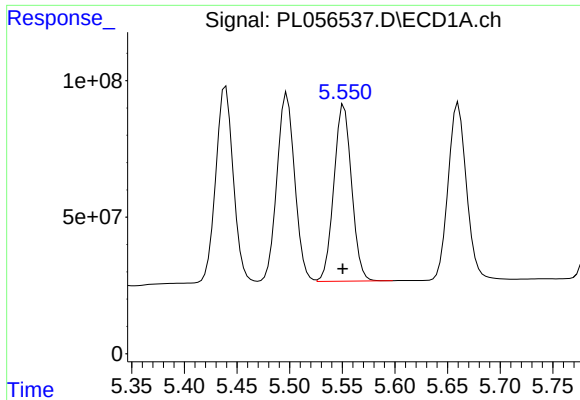
#8 Heptachlor epoxide

R.T.: 5.212 min  
Delta R.T.: 0.000 min  
Response: 813868165  
Conc: 60.80 ng/ml



#8 Heptachlor epoxide

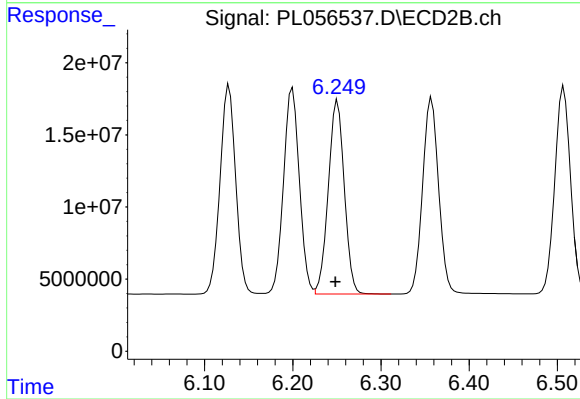
R.T.: 5.893 min  
Delta R.T.: 0.002 min  
Response: 166204854  
Conc: 59.41 ng/ml



#9 Endosulfan I

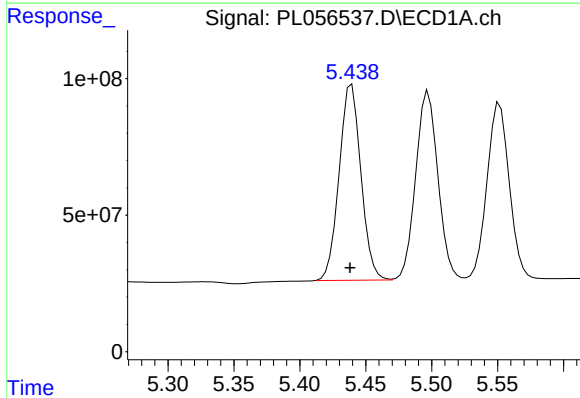
R.T.: 5.552 min  
Delta R.T.: 0.001 min  
Response: 758697010  
Conc: 60.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



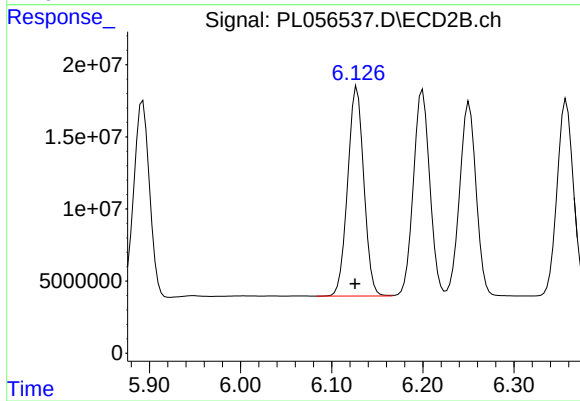
#9 Endosulfan I

R.T.: 6.251 min  
Delta R.T.: 0.003 min  
Response: 169361799  
Conc: 60.91 ng/ml



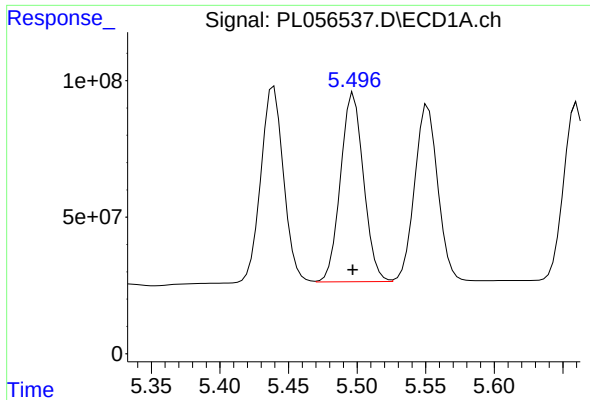
#10 gamma-Chlordane

R.T.: 5.439 min  
Delta R.T.: 0.001 min  
Response: 824419436  
Conc: 59.93 ng/ml



#10 gamma-Chlordane

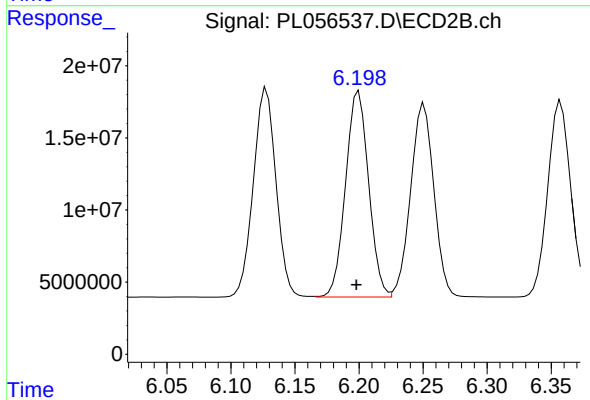
R.T.: 6.128 min  
Delta R.T.: 0.002 min  
Response: 178770588  
Conc: 61.12 ng/ml



#11 alpha-Chlordane

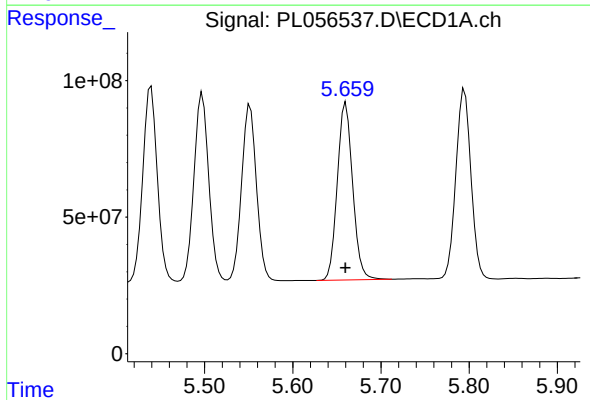
R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 809185741  
Conc: 59.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



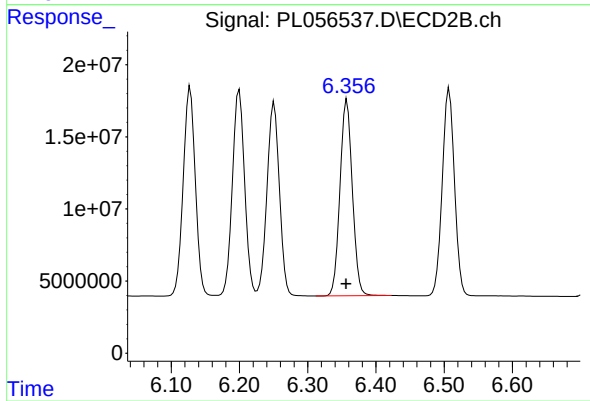
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.002 min  
Response: 178985099  
Conc: 60.94 ng/ml



#12 4,4'-DDE

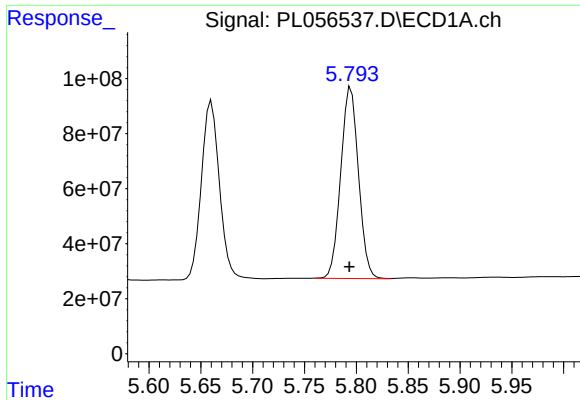
R.T.: 5.660 min  
Delta R.T.: 0.000 min  
Response: 785557832  
Conc: 61.78 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: 0.001 min  
Response: 171081318  
Conc: 61.05 ng/ml

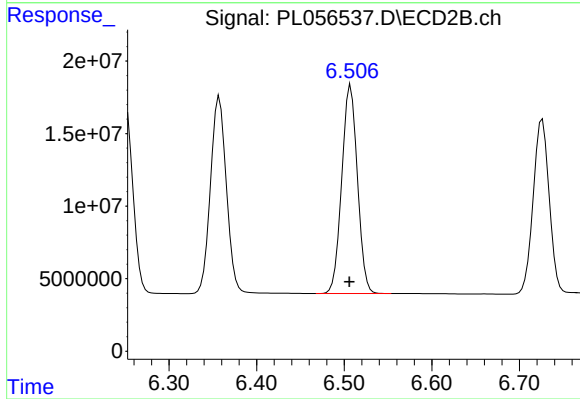




#13 Dieldrin

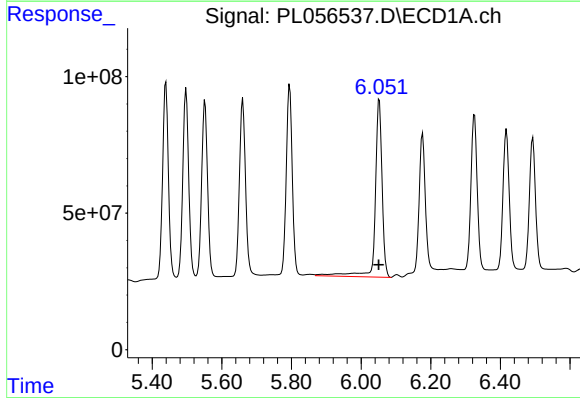
R.T.: 5.795 min  
Delta R.T.: 0.001 min  
Response: 828551147  
Conc: 62.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



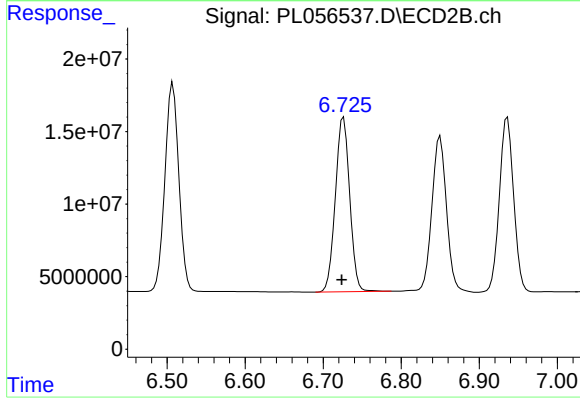
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.002 min  
Response: 178582544  
Conc: 61.36 ng/ml



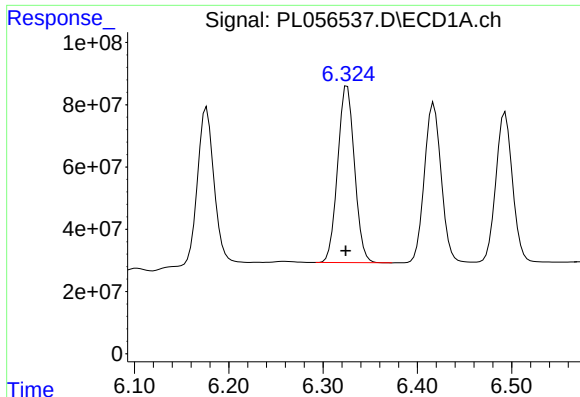
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: 0.001 min  
Response: 895489391  
Conc: 76.45 ng/ml



#14 Endrin

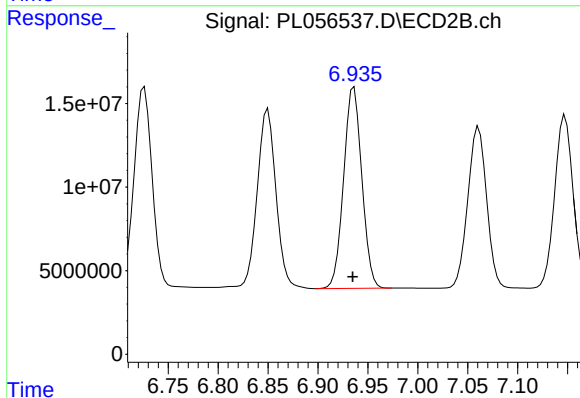
R.T.: 6.726 min  
Delta R.T.: 0.002 min  
Response: 153508108  
Conc: 63.02 ng/ml



#15 Endosulfan II

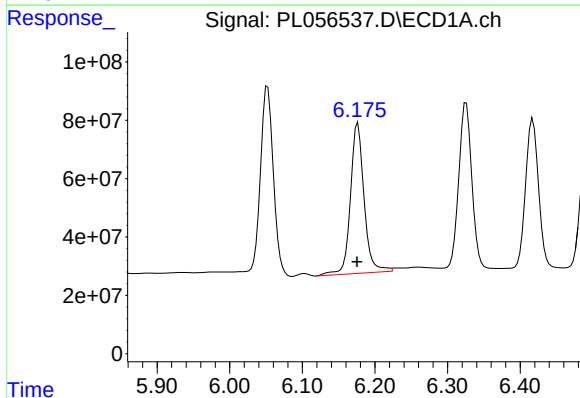
R.T.: 6.326 min  
Delta R.T.: 0.002 min  
Response: 704130890  
Conc: 66.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



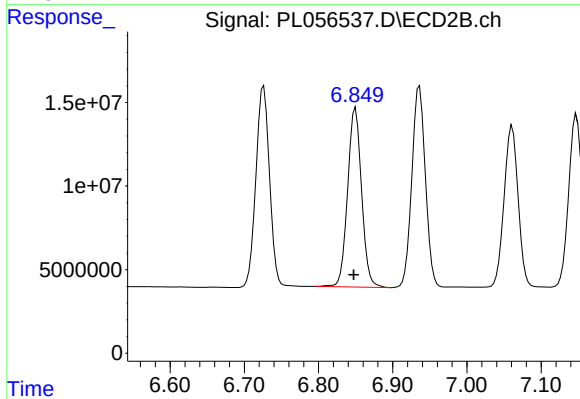
#15 Endosulfan II

R.T.: 6.936 min  
Delta R.T.: 0.001 min  
Response: 152781077  
Conc: 59.99 ng/ml



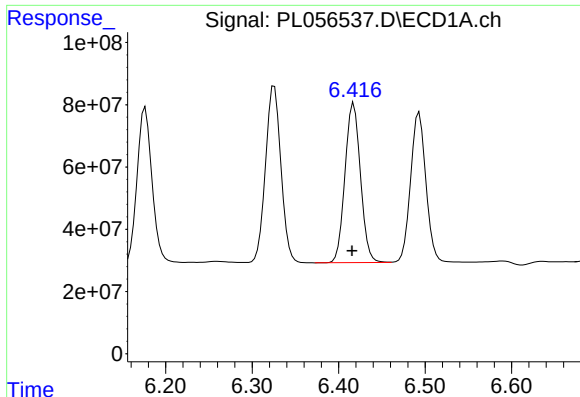
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: 0.001 min  
Response: 674483866  
Conc: 71.27 ng/ml



#16 4,4'-DDD

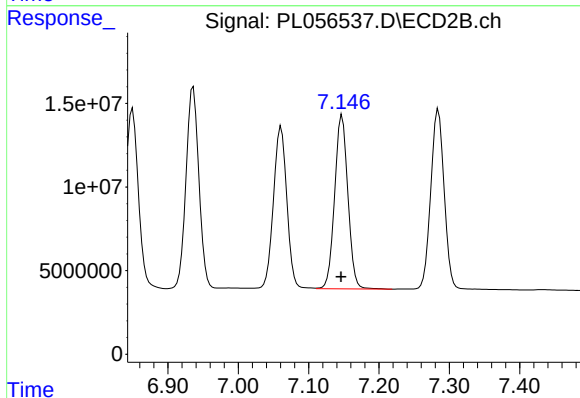
R.T.: 6.850 min  
Delta R.T.: 0.002 min  
Response: 140095429  
Conc: 61.94 ng/ml



#17 4,4'-DDT

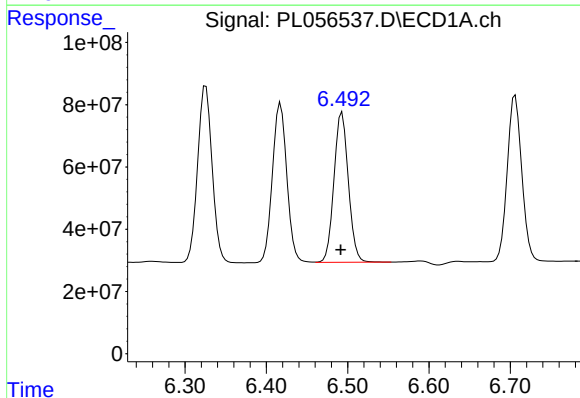
R.T.: 6.417 min  
Delta R.T.: 0.002 min  
Response: 635070856  
Conc: 67.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



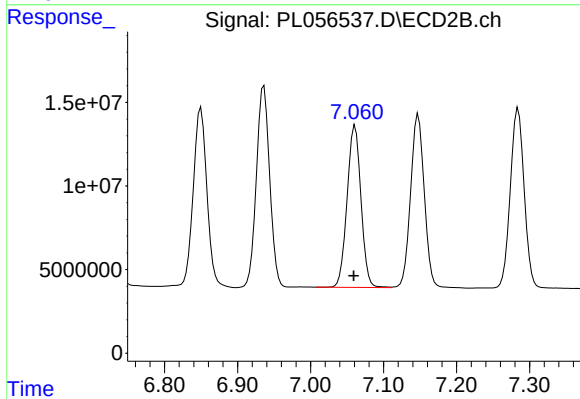
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.001 min  
Response: 135923299  
Conc: 64.35 ng/ml



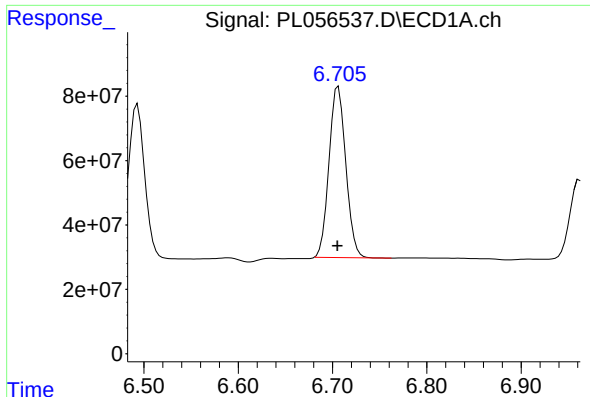
#18 Endrin aldehyde

R.T.: 6.493 min  
Delta R.T.: 0.002 min  
Response: 592806270  
Conc: 61.77 ng/ml



#18 Endrin aldehyde

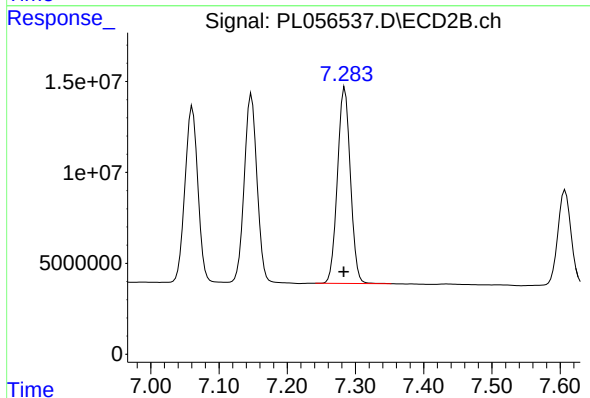
R.T.: 7.061 min  
Delta R.T.: 0.002 min  
Response: 127838002  
Conc: 60.06 ng/ml



#19 Endosulfan Sulfate

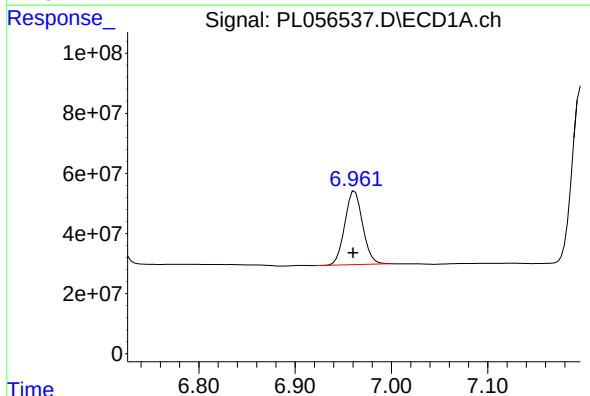
R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 656014695  
Conc: 61.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



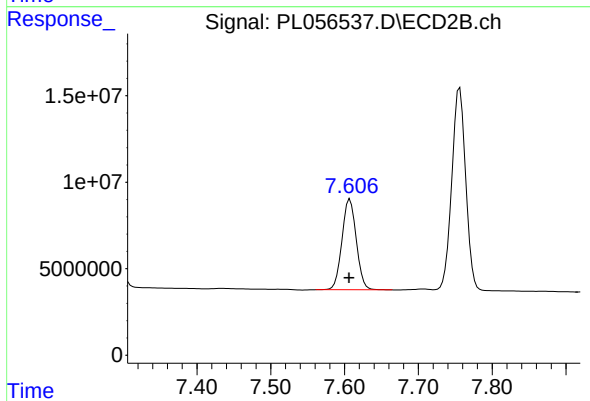
#19 Endosulfan Sulfate

R.T.: 7.284 min  
Delta R.T.: 0.002 min  
Response: 142020478  
Conc: 59.93 ng/ml



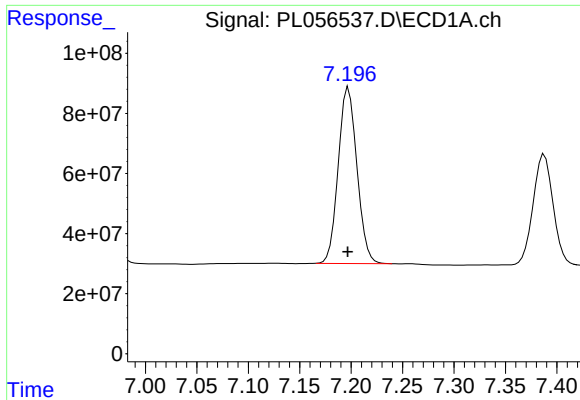
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: 0.002 min  
Response: 314715577  
Conc: 63.96 ng/ml



#20 Methoxychlor

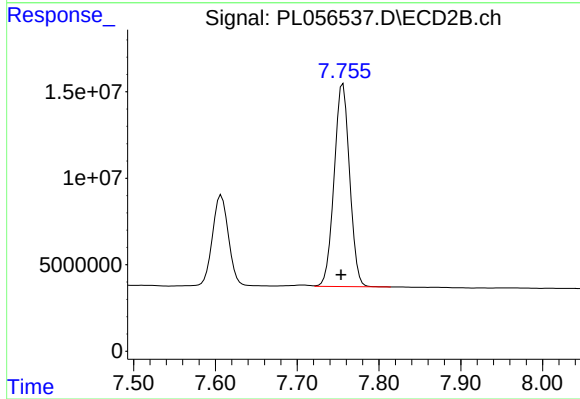
R.T.: 7.607 min  
Delta R.T.: 0.001 min  
Response: 70733563  
Conc: 61.58 ng/ml



#21 Endrin ketone

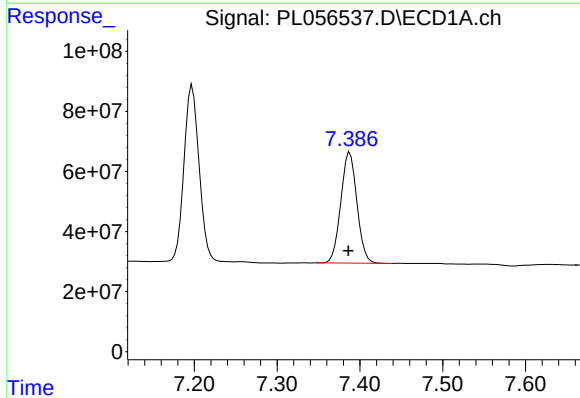
R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 741484747  
Conc: 62.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



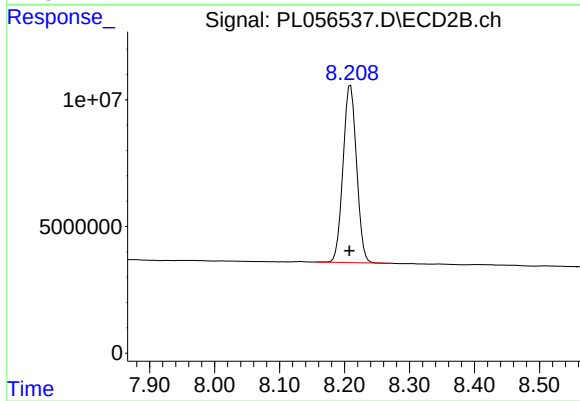
#21 Endrin ketone

R.T.: 7.756 min  
Delta R.T.: 0.002 min  
Response: 154126359  
Conc: 61.34 ng/ml



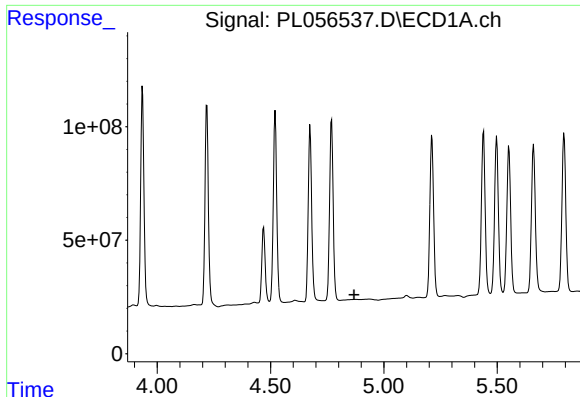
#22 Mirex

R.T.: 7.388 min  
Delta R.T.: 0.002 min  
Response: 498563338  
Conc: 67.18 ng/ml



#22 Mirex

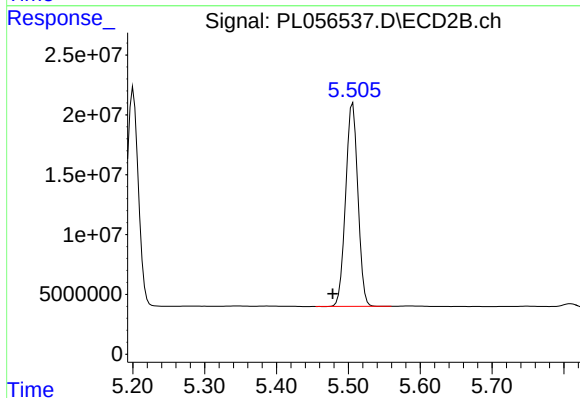
R.T.: 8.209 min  
Delta R.T.: 0.002 min  
Response: 101592149  
Conc: 62.91 ng/ml



#24 Chlordane-2

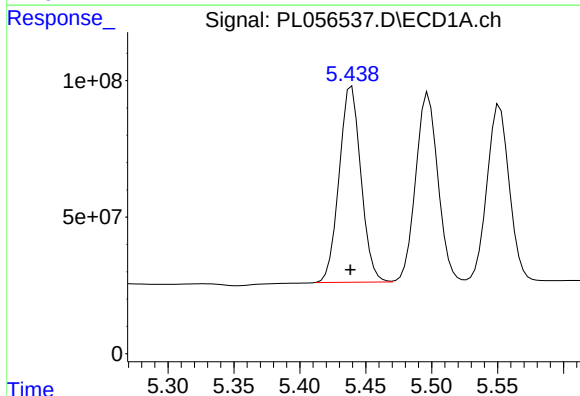
R.T.: 0.000 min  
Exp R.T.: 4.869 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



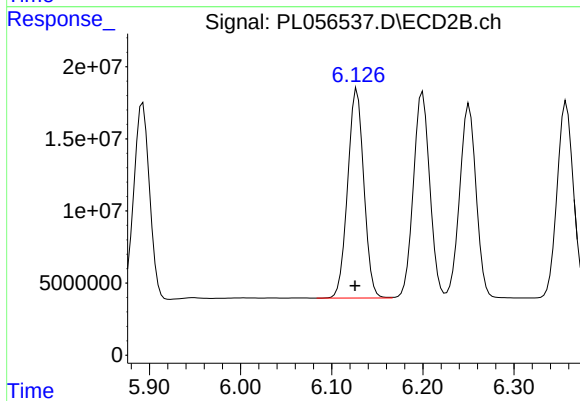
#24 Chlordane-2

R.T.: 5.506 min  
Delta R.T.: 0.028 min  
Response: 200864362  
Conc: 1945.57 ng/ml



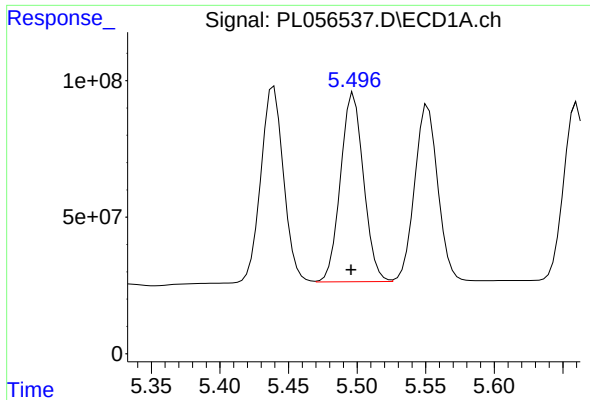
#25 Chlordane-3

R.T.: 5.439 min  
Delta R.T.: 0.001 min  
Response: 824419436  
Conc: 627.91 ng/ml



#25 Chlordane-3

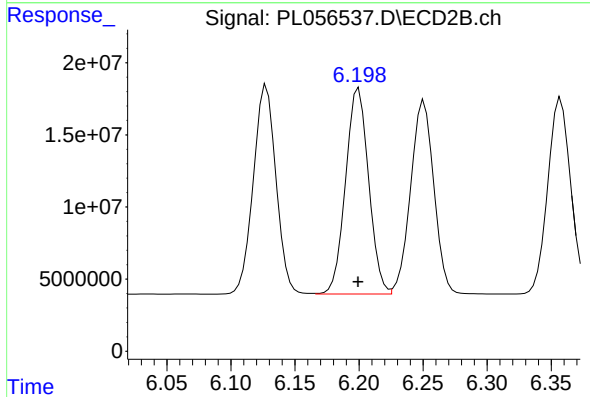
R.T.: 6.128 min  
Delta R.T.: 0.002 min  
Response: 178770588  
Conc: 461.32 ng/ml



#26 Chlordane-4

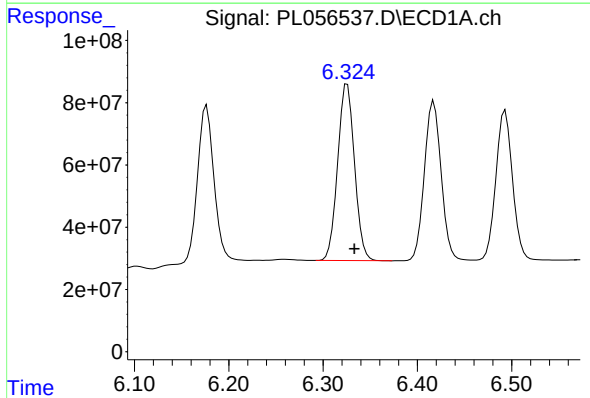
R.T.: 5.498 min  
Delta R.T.: 0.002 min  
Response: 809185741  
Conc: 744.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



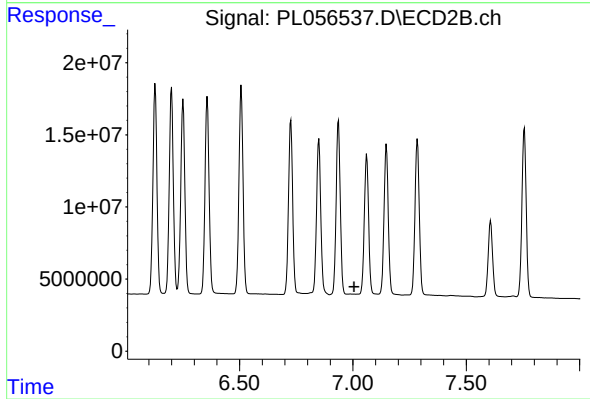
#26 Chlordane-4

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 178985099  
Conc: 393.29 ng/ml



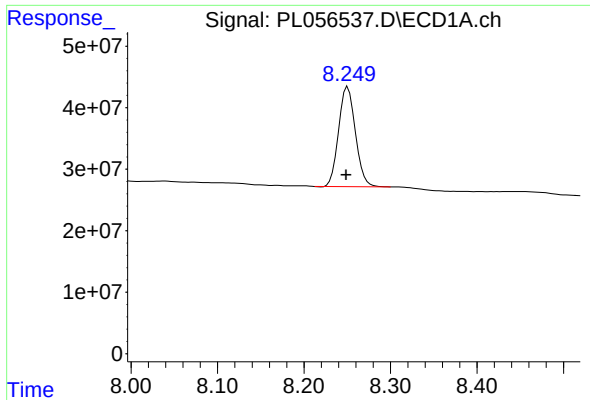
#27 Chlordane-5

R.T.: 6.326 min  
Delta R.T.: -0.007 min  
Response: 704130890  
Conc: 1649.98 ng/ml



#27 Chlordane-5

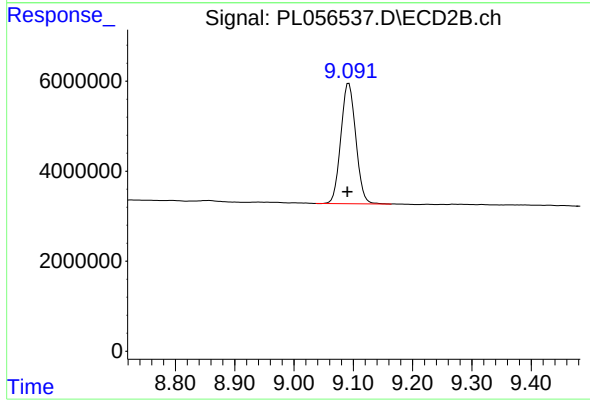
R.T.: 0.000 min  
Exp R.T.: 7.006 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.251 min  
Delta R.T.: 0.002 min  
Response: 217531270  
Conc: 22.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: 0.002 min  
Response: 46980156  
Conc: 23.03 ng/ml