

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032720\  
 Data File : PL057671.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Mar 2020 19:40  
 Operator : AJ\MA  
 Sample : L2053-04MSD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-13-SAMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 28 00:58:37 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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... | 3.459  | 3.958  | 243.0E6  | 55715463 | 26.211   | 25.681     |
| 28)                         | SA Decachlor... | 8.208  | 8.981  | 223.9E6  | 51595701 | 21.164   | 23.269     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.896  | 4.346  | 1091.9E6 | 225.2E6  | 68.548   | 70.105     |
| 3)                          | MA gamma-BHC... | 4.180  | 4.628  | 1015.4E6 | 211.6E6  | 70.648   | 67.447     |
| 4)                          | MA Heptachlor   | 4.480  | 5.130  | 1021.7E6 | 222.9E6  | 68.790   | 70.802     |
| 5)                          | MB Aldrin       | 4.728  | 5.432  | 942.5E6  | 213.0E6  | 68.327   | 69.804     |
| 6)                          | B beta-BHC      | 4.432  | 4.801  | 414.1E6  | 101.1E6  | 70.442   | 70.062     |
| 7)                          | B delta-BHC     | 4.636  | 5.015  | 952.1E6  | 151.7E6  | 67.835   | 57.761     |
| 8)                          | B Heptachlo...  | 5.171  | 5.816  | 862.9E6  | 179.2E6  | 67.331   | 65.657     |
| 9)                          | A Endosulfan I  | 5.509  | 6.171  | 778.4E6  | 195.1E6  | 65.466   | 68.577     |
| 10)                         | B gamma-Chl...  | 5.397  | 6.050  | 864.8E6  | 211.1E6  | 66.315   | 68.505     |
| 11)                         | B alpha-Chl...  | 5.456  | 6.122  | 823.2E6  | 211.4E6  | 63.706   | 67.925     |
| 12)                         | B 4,4'-DDE      | 5.619  | 6.281  | 828.3E6  | 198.3E6  | 66.502   | 69.760     |
| 13)                         | MA Dieldrin     | 5.752  | 6.426  | 853.5E6  | 206.3E6  | 67.672   | 69.752     |
| 14)                         | MA Endrin       | 6.010  | 6.643  | 756.6E6  | 168.0E6  | 66.186   | 69.613     |
| 15)                         | B Endosulfa...  | 6.282  | 6.854  | 670.7E6  | 162.2E6  | 61.754   | 61.754     |
| 16)                         | A 4,4'-DDD      | 6.135  | 6.769  | 633.7E6  | 149.6E6  | 64.655   | 65.521     |
| 17)                         | MA 4,4'-DDT     | 6.375  | 7.066  | 636.3E6  | 146.6E6  | 63.802   | 64.378     |
| 18)                         | B Endrin al...  | 6.450  | 6.977  | 563.1E6  | 139.1E6  | 60.972   | 62.587     |
| 19)                         | B Endosulfa...  | 6.664  | 7.200  | 656.2E6  | 155.9E6  | 65.342   | 63.924     |
| 20)                         | A Methoxychlor  | 6.921  | 7.525  | 308.5E6  | 78572121 | 57.501   | 60.413     |
| 21)                         | B Endrin ke...  | 7.154  | 7.667  | 699.0E6  | 163.1E6  | 61.848   | 63.010     |
| 22)                         | Mirex           | 7.342  | 8.117  | 491.0E6  | 117.4E6  | 60.624   | 61.470     |
| 23)                         | Chlordane-1     | 4.331  | 0.000  | 1719843  | 0        | 5.299    | N.D. #     |
| 24)                         | Chlordane-2     | 4.853f | 5.432f | 28218963 | 213.0E6  | 77.659   | 2259.669 # |
| 25)                         | Chlordane-3     | 5.397  | 6.050  | 864.8E6  | 211.1E6  | 766.842  | 556.808 #  |
| 26)                         | Chlordane-4     | 5.456  | 6.122  | 823.2E6  | 211.4E6  | 858.738  | 461.943 #  |
| 27)                         | Chlordane-5     | 6.282  | 0.000  | 670.7E6  | 0        | 1843.319 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

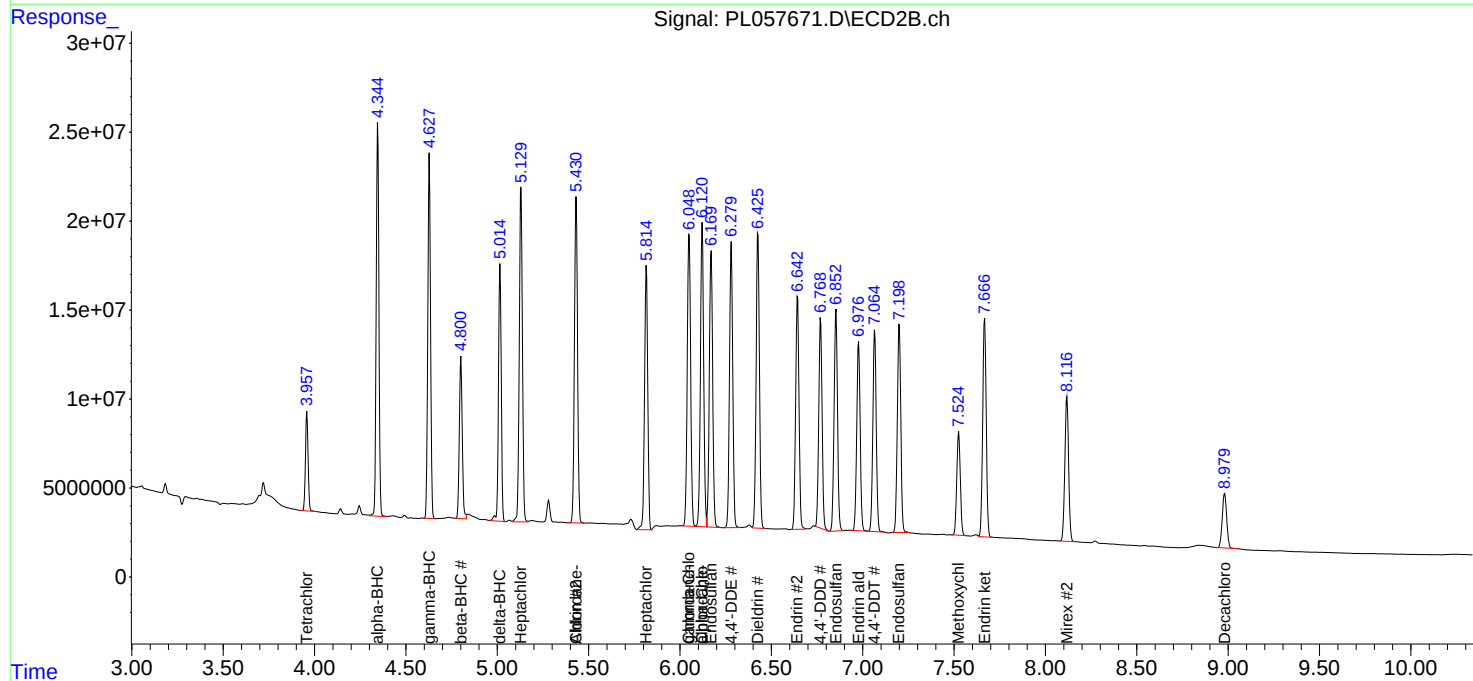
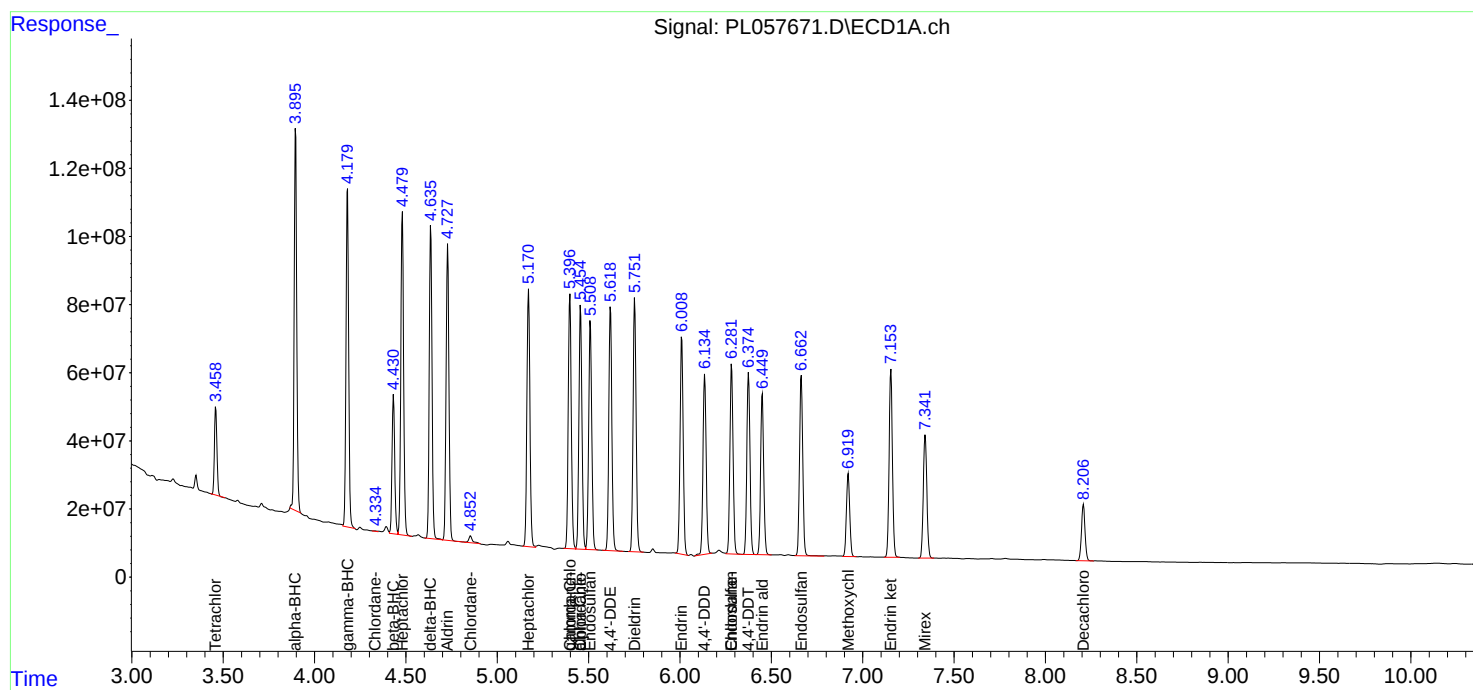
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

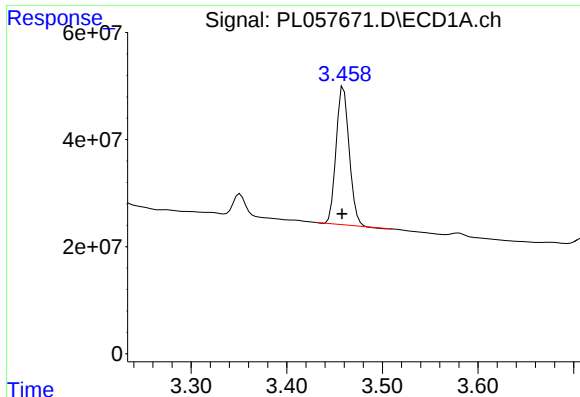
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032720\  
Data File : PL057671.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Mar 2020 19:40  
Operator : AJ\MA  
Sample : L2053-04MSD  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
TP-13-SAMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 00:58:37 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 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

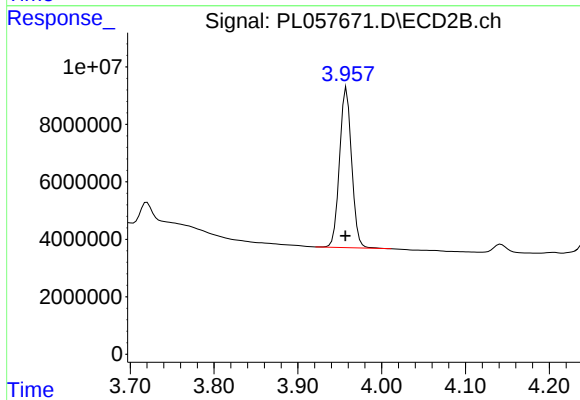




#1 Tetrachloro-m-xylene

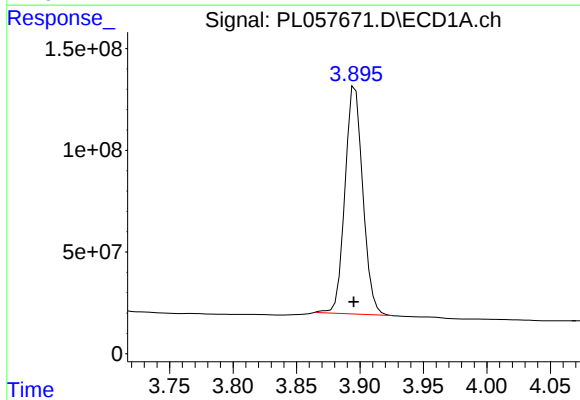
R.T.: 3.459 min  
Delta R.T.: 0.001 min  
Response: 242957278  
Conc: 26.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



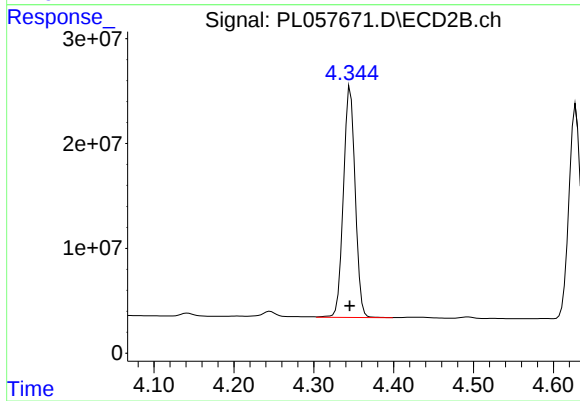
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.001 min  
Response: 55715463  
Conc: 25.68 ng/ml



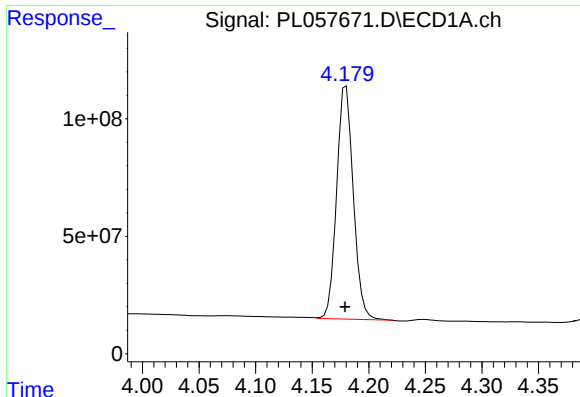
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: 0.001 min  
Response: 1091933374  
Conc: 68.55 ng/ml



#2 alpha-BHC

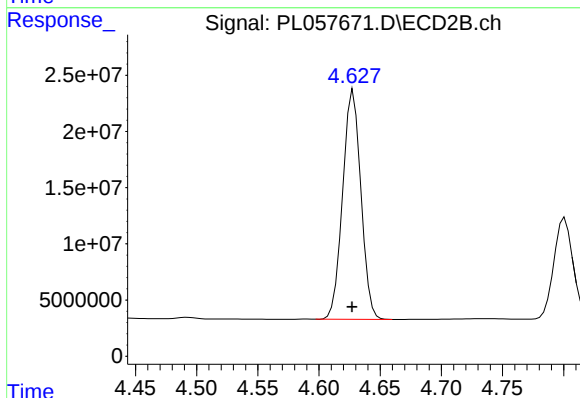
R.T.: 4.346 min  
Delta R.T.: 0.000 min  
Response: 225182471  
Conc: 70.11 ng/ml



#3 gamma-BHC (Lindane)

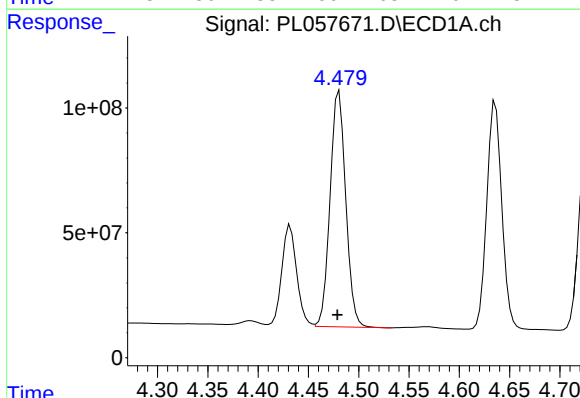
R.T.: 4.180 min  
Delta R.T.: 0.001 min  
Response: 1015415407  
Conc: 70.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



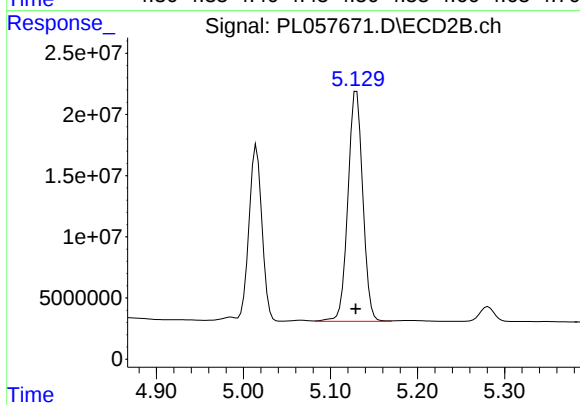
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: 0.001 min  
Response: 211611134  
Conc: 67.45 ng/ml



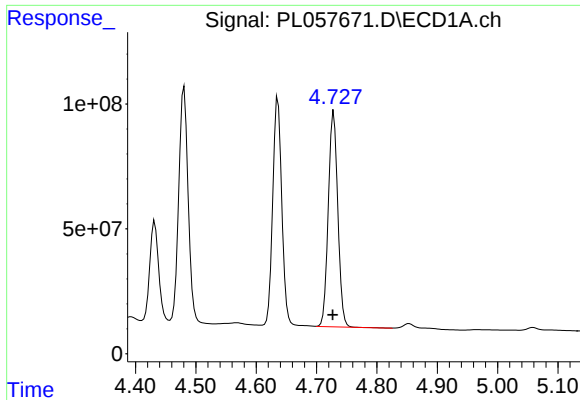
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.001 min  
Response: 1021682609  
Conc: 68.79 ng/ml



#4 Heptachlor

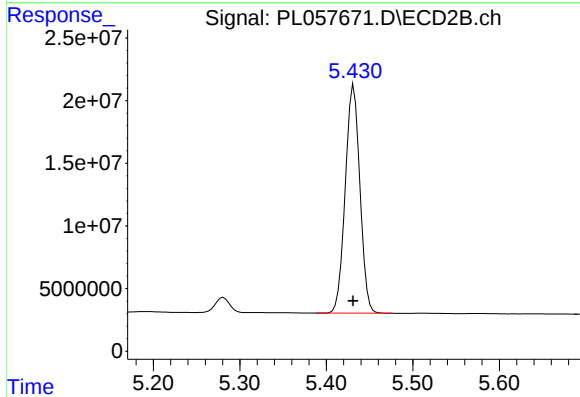
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 222864784  
Conc: 70.80 ng/ml



#5 Aldrin

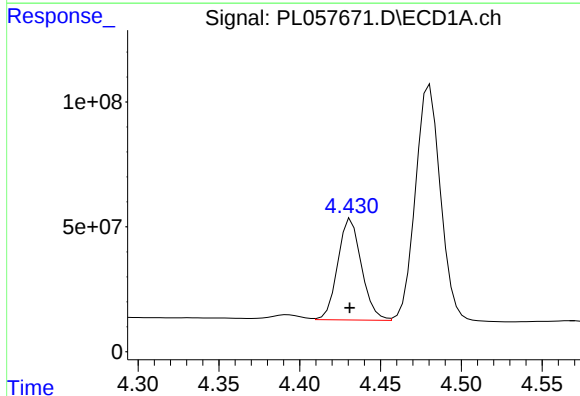
R.T.: 4.728 min  
Delta R.T.: 0.001 min  
Response: 942528345  
Conc: 68.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



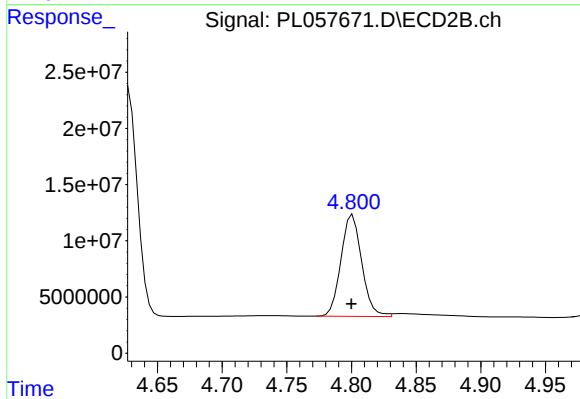
#5 Aldrin

R.T.: 5.432 min  
Delta R.T.: 0.000 min  
Response: 212953837  
Conc: 69.80 ng/ml



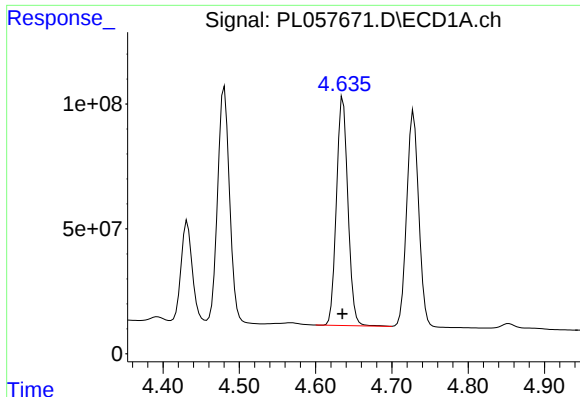
#6 beta-BHC

R.T.: 4.432 min  
Delta R.T.: 0.000 min  
Response: 414136249  
Conc: 70.44 ng/ml



#6 beta-BHC

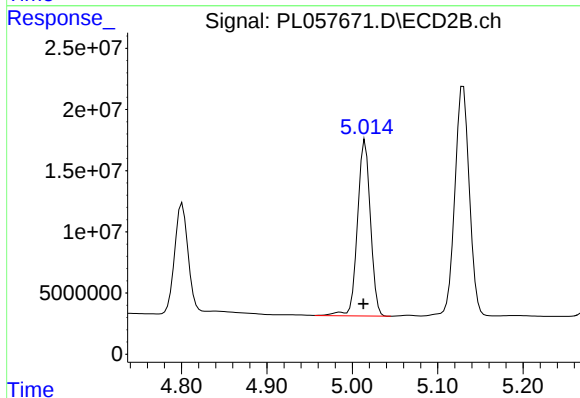
R.T.: 4.801 min  
Delta R.T.: 0.000 min  
Response: 101053749  
Conc: 70.06 ng/ml



#7 delta-BHC

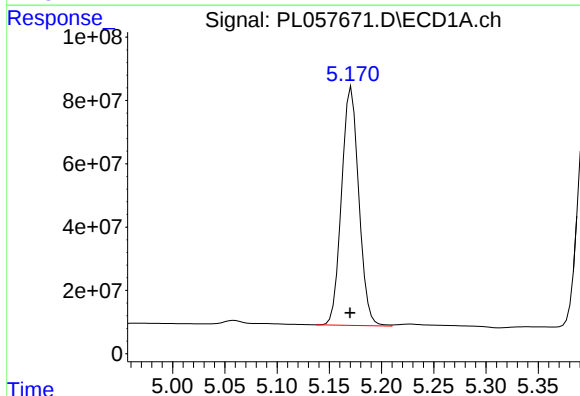
R.T.: 4.636 min  
Delta R.T.: 0.001 min  
Response: 952078994  
Conc: 67.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



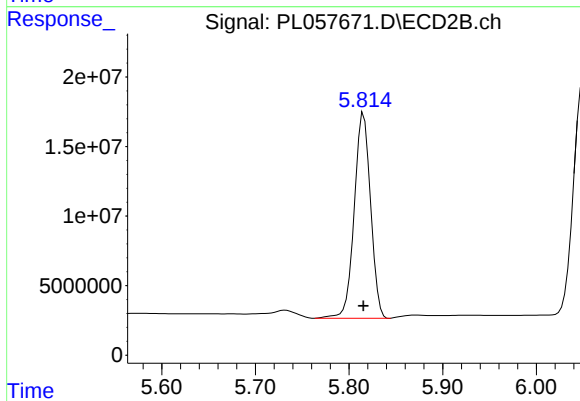
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.002 min  
Response: 151678228  
Conc: 57.76 ng/ml



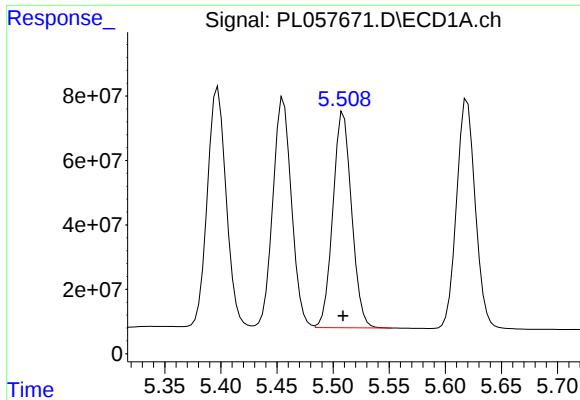
#8 Heptachlor epoxide

R.T.: 5.171 min  
Delta R.T.: 0.001 min  
Response: 862903860  
Conc: 67.33 ng/ml



#8 Heptachlor epoxide

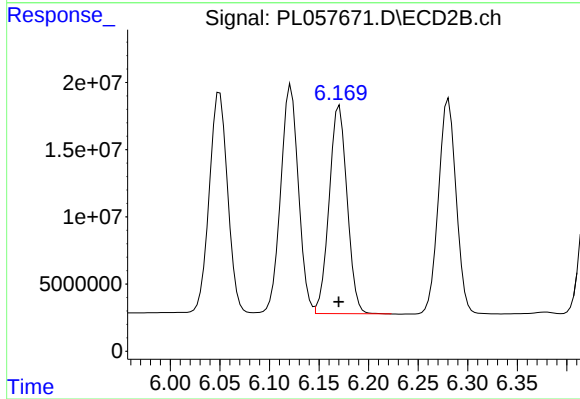
R.T.: 5.816 min  
Delta R.T.: 0.000 min  
Response: 179155680  
Conc: 65.66 ng/ml



#9 Endosulfan I

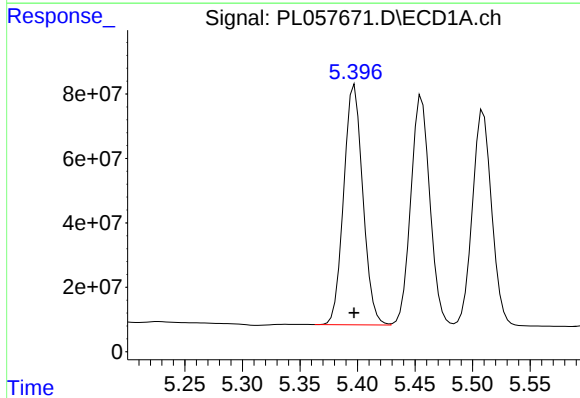
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 778381890  
Conc: 65.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



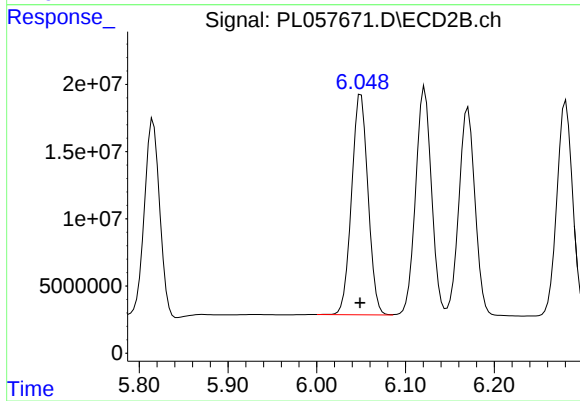
#9 Endosulfan I

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 195123022  
Conc: 68.58 ng/ml



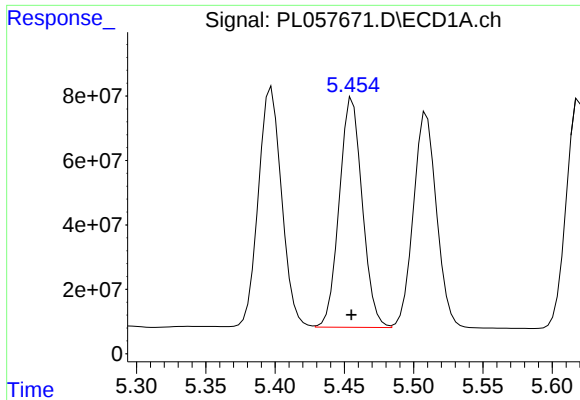
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 864753009  
Conc: 66.31 ng/ml



#10 gamma-Chlordane

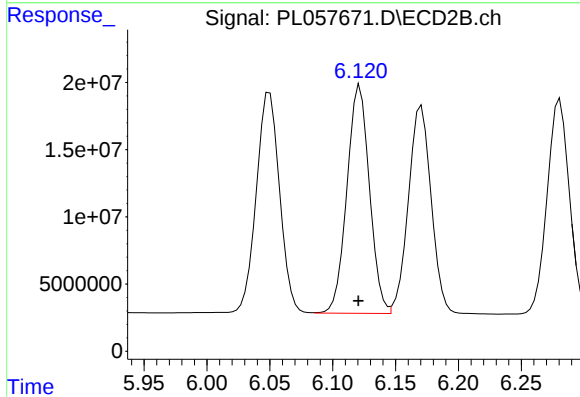
R.T.: 6.050 min  
Delta R.T.: 0.001 min  
Response: 211141378  
Conc: 68.51 ng/ml



#11 alpha-Chlordane

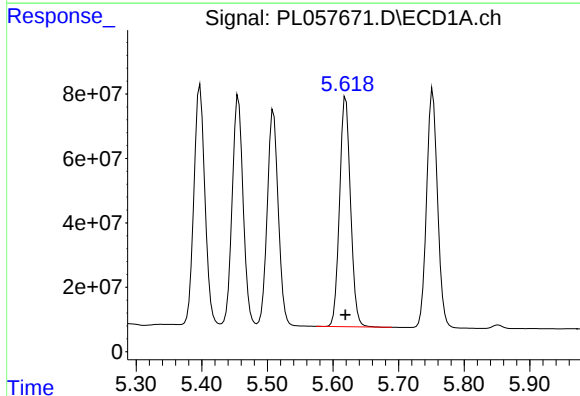
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 823246379  
Conc: 63.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



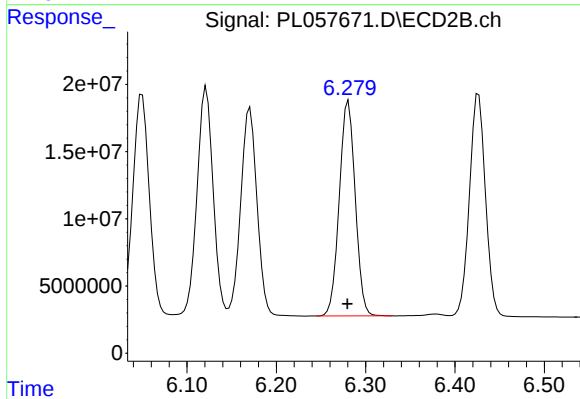
#11 alpha-Chlordane

R.T.: 6.122 min  
Delta R.T.: 0.001 min  
Response: 211429070  
Conc: 67.93 ng/ml



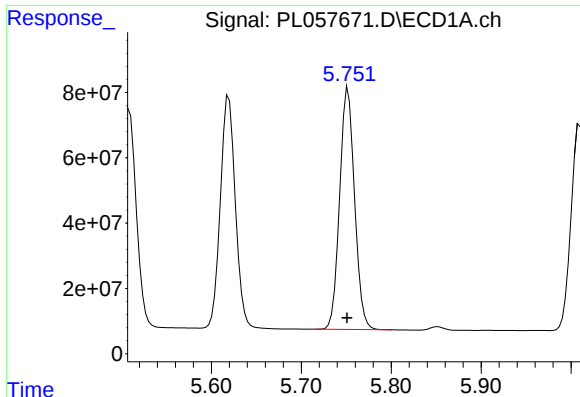
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 828321977  
Conc: 66.50 ng/ml



#12 4,4'-DDE

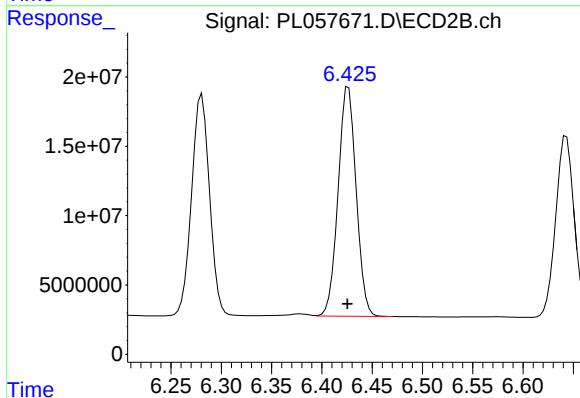
R.T.: 6.281 min  
Delta R.T.: 0.001 min  
Response: 198290331  
Conc: 69.76 ng/ml



#13 Dieldrin

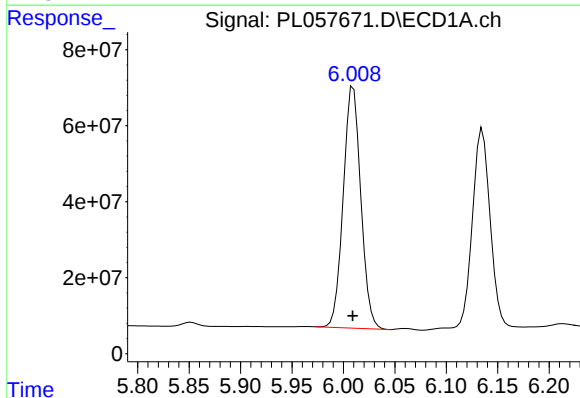
R.T.: 5.752 min  
Delta R.T.: 0.001 min  
Response: 853526246  
Conc: 67.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



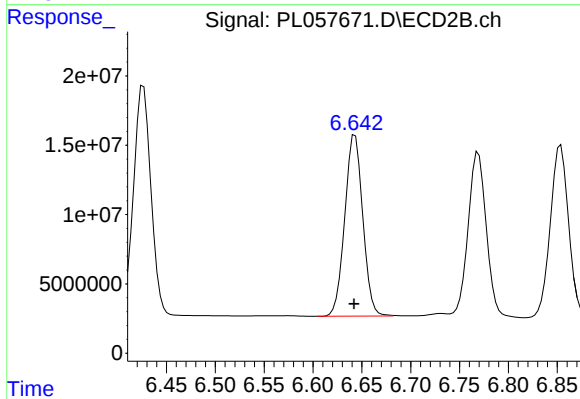
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.001 min  
Response: 206324749  
Conc: 69.75 ng/ml



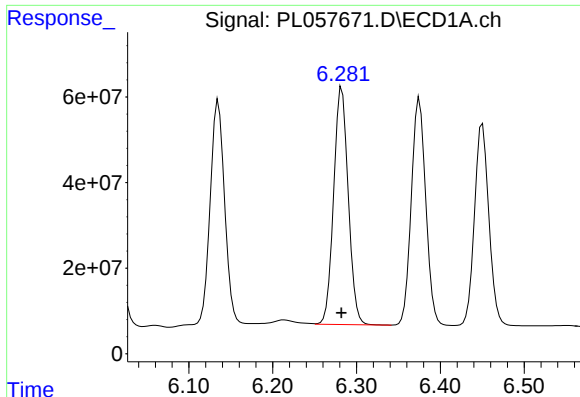
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: 0.000 min  
Response: 756596320  
Conc: 66.19 ng/ml



#14 Endrin

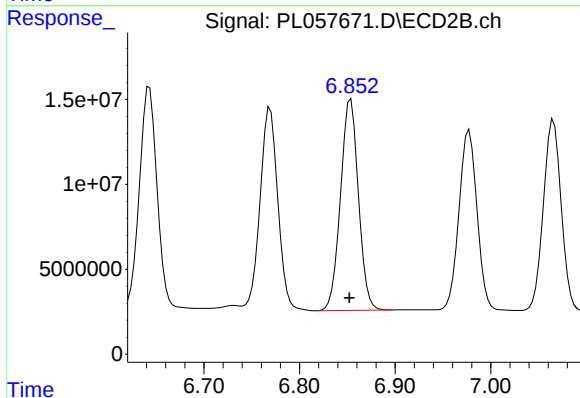
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 167961366  
Conc: 69.61 ng/ml



#15 Endosulfan II

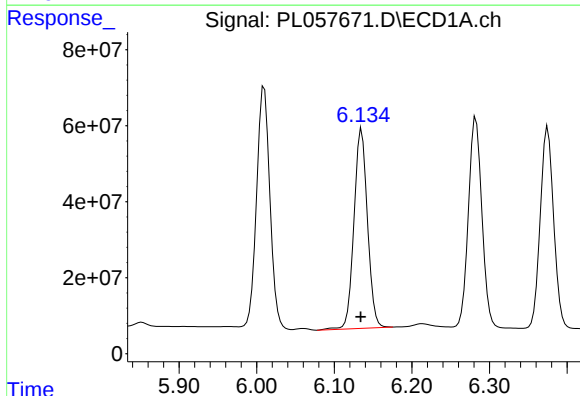
R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 670706070  
Conc: 61.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



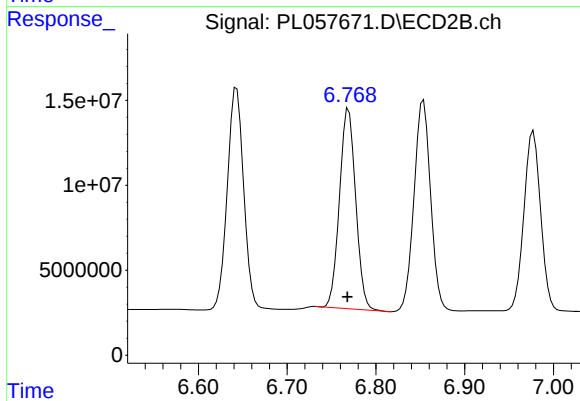
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.001 min  
Response: 162217744  
Conc: 61.75 ng/ml



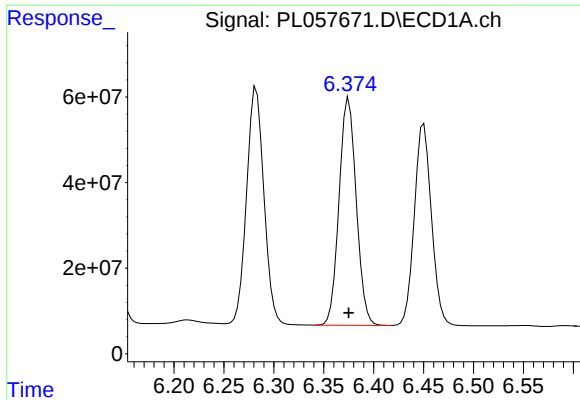
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.001 min  
Response: 633708214  
Conc: 64.66 ng/ml



#16 4,4'-DDD

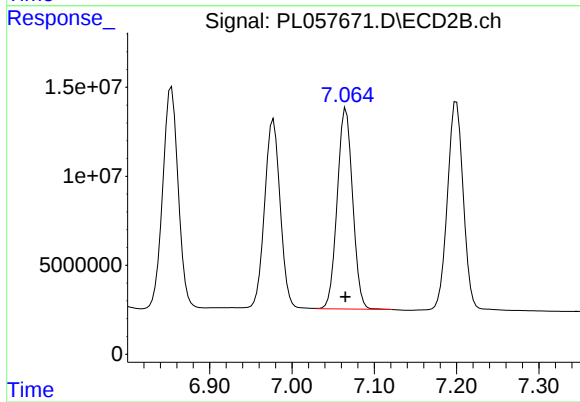
R.T.: 6.769 min  
Delta R.T.: 0.001 min  
Response: 149632608  
Conc: 65.52 ng/ml



#17 4,4'-DDT

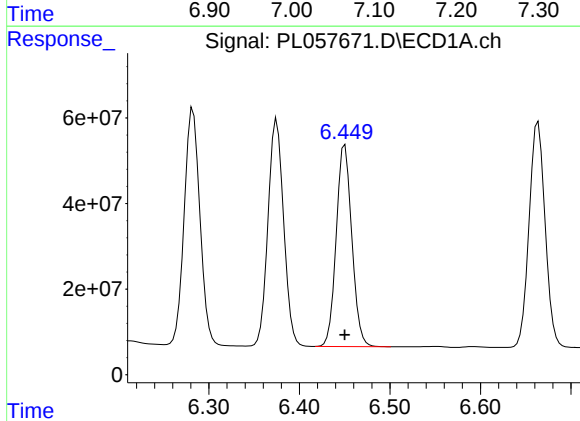
R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 636282598  
Conc: 63.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



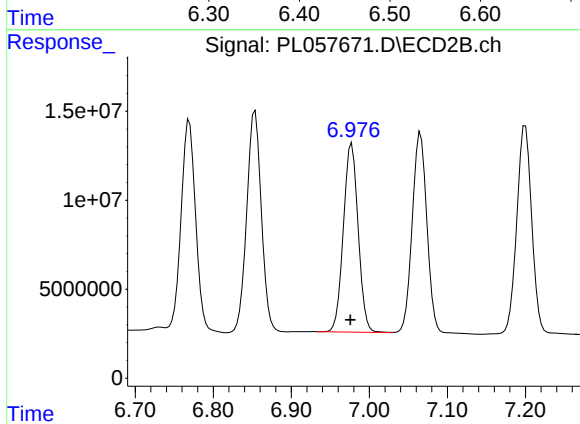
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 146631549  
Conc: 64.38 ng/ml



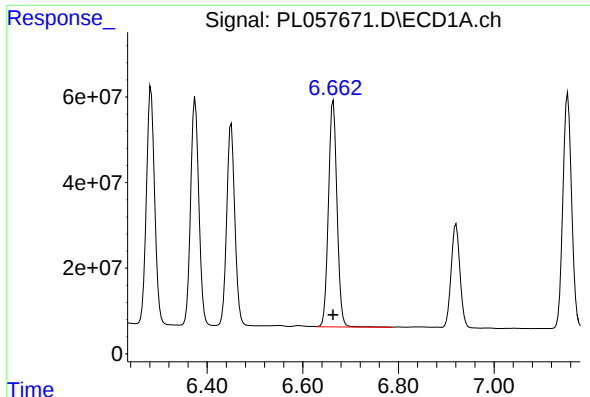
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 563092928  
Conc: 60.97 ng/ml



#18 Endrin aldehyde

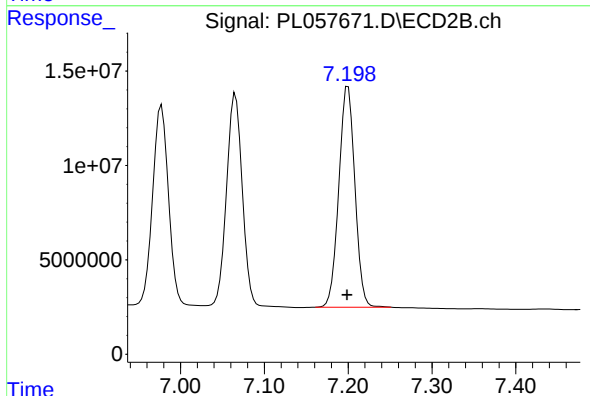
R.T.: 6.977 min  
Delta R.T.: 0.002 min  
Response: 139134540  
Conc: 62.59 ng/ml



#19 Endosulfan Sulfate

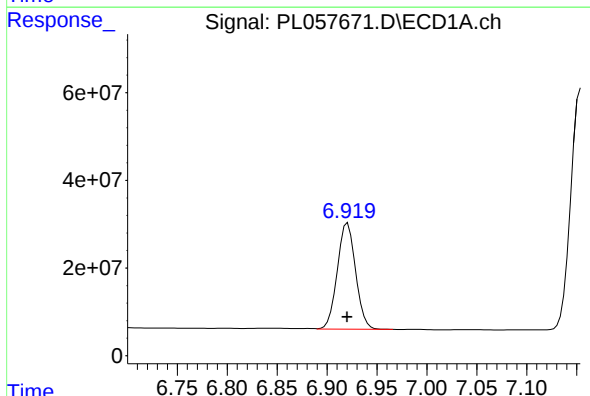
R.T.: 6.664 min  
Delta R.T.: 0.000 min  
Response: 656201051  
Conc: 65.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



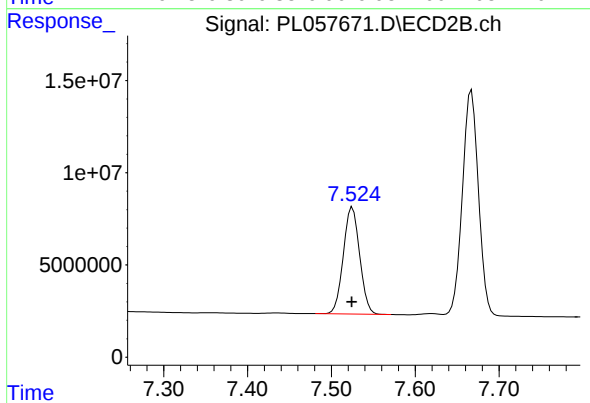
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.001 min  
Response: 155915056  
Conc: 63.92 ng/ml



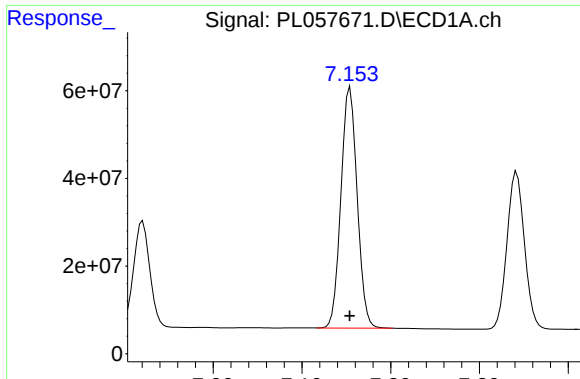
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 308541967  
Conc: 57.50 ng/ml



#20 Methoxychlor

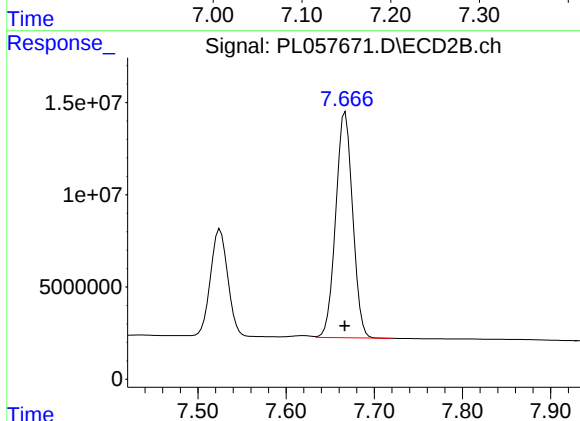
R.T.: 7.525 min  
Delta R.T.: 0.001 min  
Response: 78572121  
Conc: 60.41 ng/ml



#21 Endrin ketone

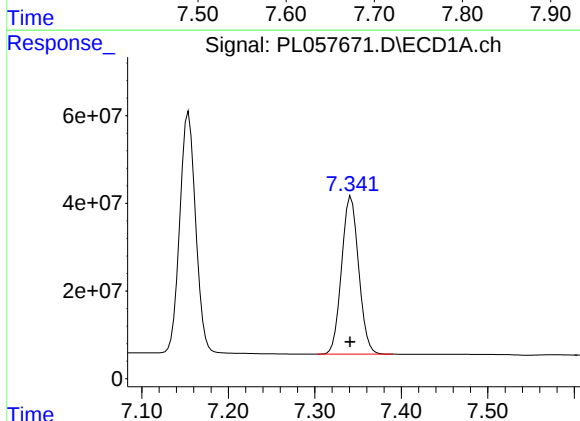
R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 699042318  
Conc: 61.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



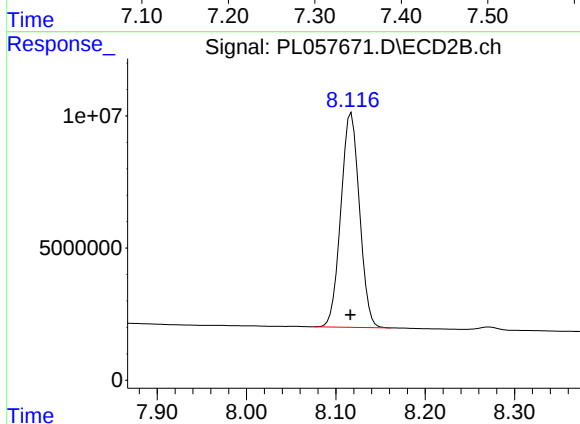
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.000 min  
Response: 163109307  
Conc: 63.01 ng/ml



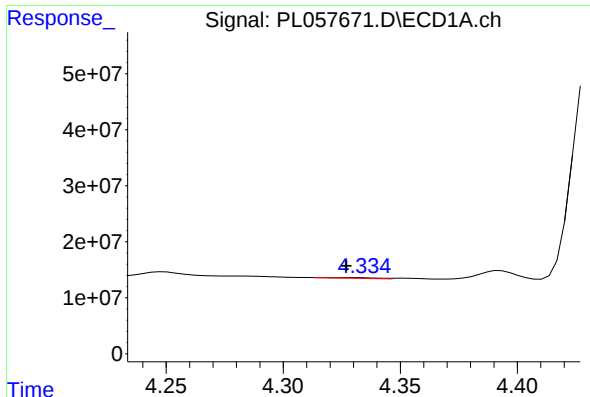
#22 Mirex

R.T.: 7.342 min  
Delta R.T.: 0.000 min  
Response: 491007015  
Conc: 60.62 ng/ml



#22 Mirex

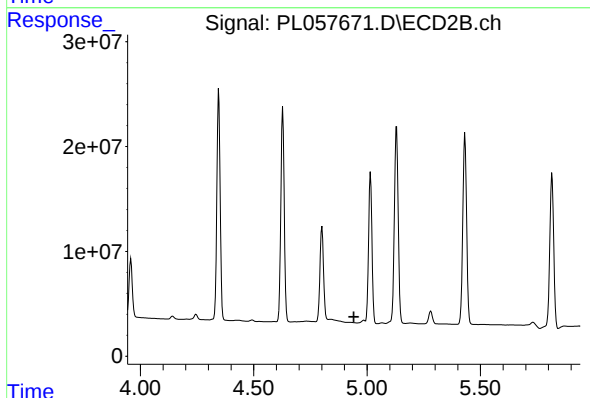
R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 117378861  
Conc: 61.47 ng/ml



#23 Chlordane-1

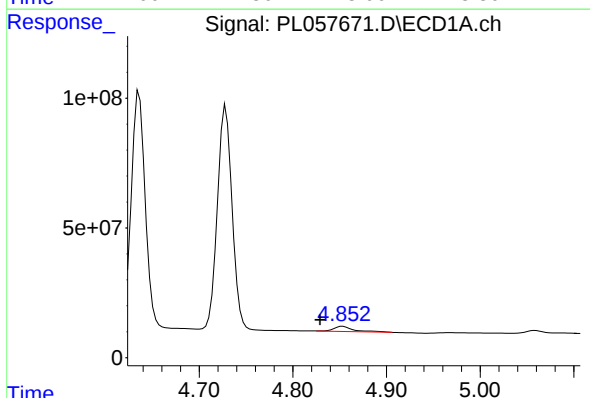
R.T.: 4.331 min  
Delta R.T.: 0.004 min  
Response: 1719843  
Conc: 5.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



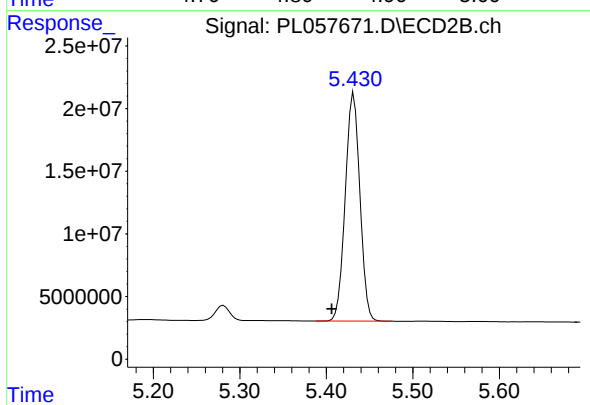
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.941 min  
Response: 0  
Conc: N.D.



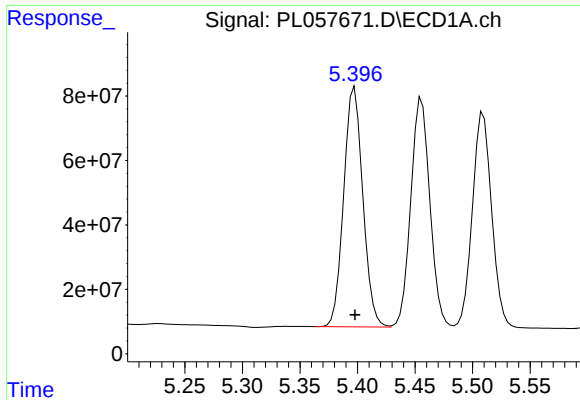
#24 Chlordane-2

R.T.: 4.853 min  
Delta R.T.: 0.024 min  
Response: 28218963  
Conc: 77.66 ng/ml



#24 Chlordane-2

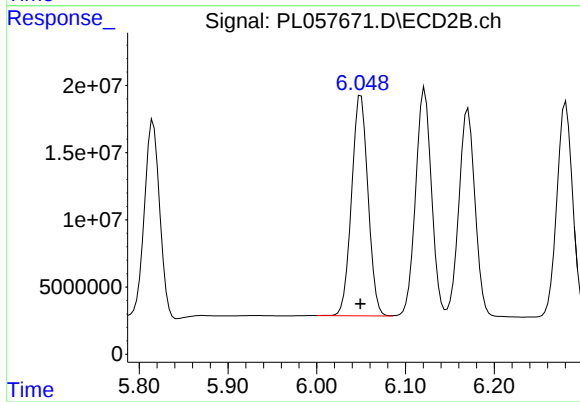
R.T.: 5.432 min  
Delta R.T.: 0.026 min  
Response: 212953837  
Conc: 2259.67 ng/ml



#25 Chlordane-3

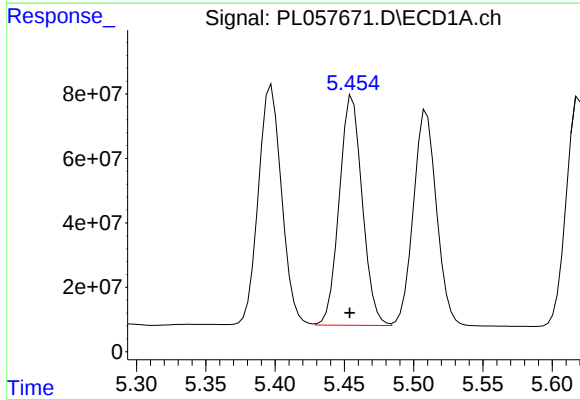
R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 864753009  
Conc: 766.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



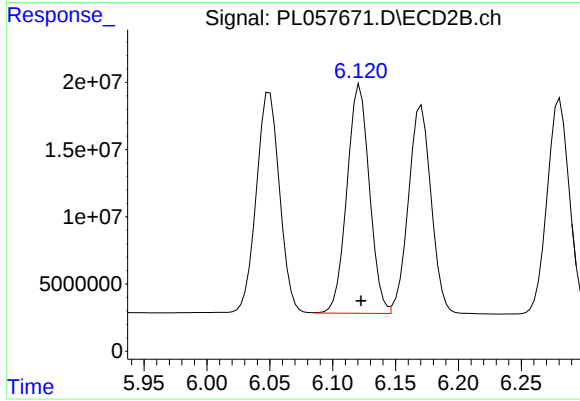
#25 Chlordane-3

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 211141378  
Conc: 556.81 ng/ml



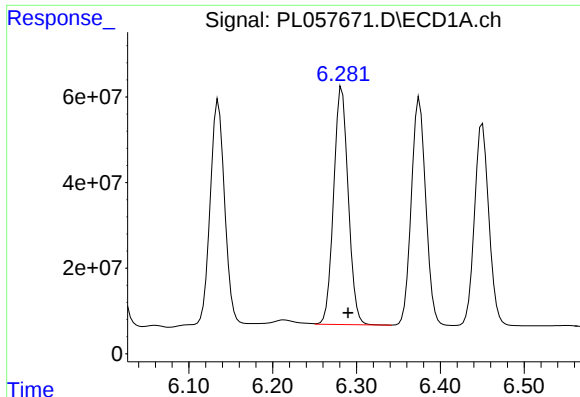
#26 Chlordane-4

R.T.: 5.456 min  
Delta R.T.: 0.002 min  
Response: 823246379  
Conc: 858.74 ng/ml



#26 Chlordane-4

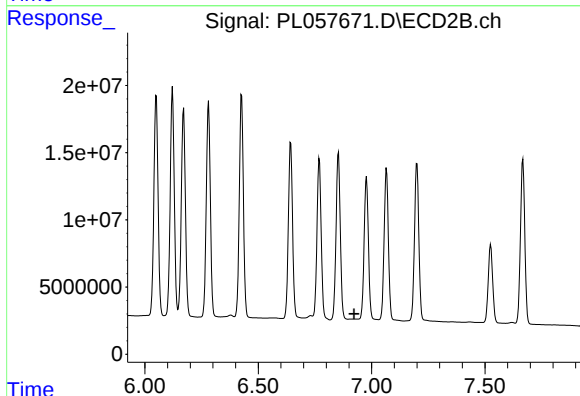
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 211429070  
Conc: 461.94 ng/ml



#27 Chlordane-5

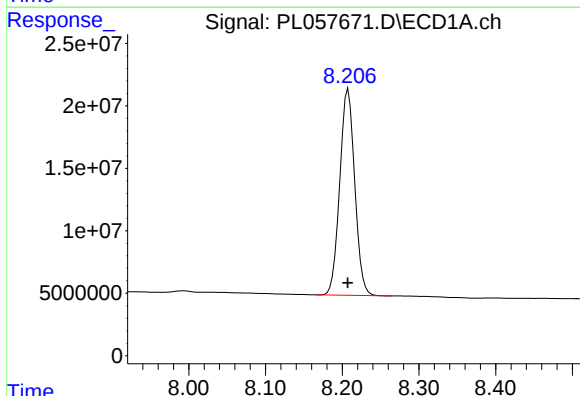
R.T.: 6.282 min  
Delta R.T.: -0.008 min  
Response: 670706070  
Conc: 1843.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-13-SAMSD



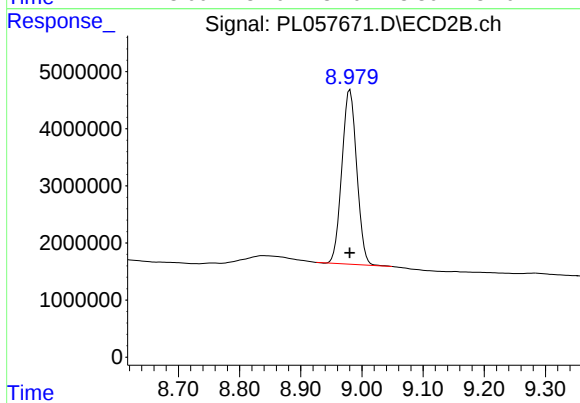
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.208 min  
Delta R.T.: 0.000 min  
Response: 223941587  
Conc: 21.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.000 min  
Response: 51595701  
Conc: 23.27 ng/ml