

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013120\  
 Data File : PL056267.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jan 2020 21:45  
 Operator : AJ\MA  
 Sample : L1004-18MSD  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BU-01-012920MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 03:37:28 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 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... | 3.498 | 4.015 | 202.1E6 | 64049270 | 19.293 | 21.904 |
| 28)                         | SA Decachlor... | 8.250 | 9.089 | 200.5E6 | 47962729 | 19.040 | 21.204 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.936 | 4.405 | 902.6E6 | 243.2E6  | 50.651 | 55.570 |
| 3)                          | MA gamma-BHC... | 4.220 | 4.689 | 857.1E6 | 226.5E6  | 52.343 | 55.241 |
| 4)                          | MA Heptachlor   | 4.521 | 5.197 | 829.4E6 | 196.6E6  | 51.660 | 54.941 |
| 5)                          | MB Aldrin       | 4.770 | 5.502 | 826.0E6 | 189.6E6  | 50.777 | 53.945 |
| 6)                          | B beta-BHC      | 4.470 | 4.861 | 333.8E6 | 89416768 | 50.678 | 54.541 |
| 7)                          | B delta-BHC     | 4.675 | 5.078 | 744.9E6 | 166.8E6  | 46.464 | 52.000 |
| 8)                          | B Heptachlo...  | 5.213 | 5.889 | 769.1E6 | 164.9E6  | 50.007 | 52.981 |
| 9)                          | A Endosulfan I  | 5.552 | 6.247 | 719.2E6 | 162.3E6  | 49.561 | 54.225 |
| 10)                         | B gamma-Chl...  | 5.439 | 6.124 | 783.4E6 | 173.4E6  | 49.950 | 54.520 |
| 11)                         | B alpha-Chl...  | 5.498 | 6.196 | 762.5E6 | 172.2E6  | 49.570 | 54.328 |
| 12)                         | B 4,4'-DDE      | 5.660 | 6.354 | 748.9E6 | 165.1E6  | 51.669 | 55.127 |
| 13)                         | MA Dieldrin     | 5.795 | 6.504 | 790.3E6 | 170.2E6  | 51.386 | 54.829 |
| 14)                         | MA Endrin       | 6.052 | 6.722 | 704.7E6 | 142.8E6  | 50.150 | 54.496 |
| 15)                         | B Endosulfa...  | 6.325 | 6.933 | 654.7E6 | 147.1E6  | 50.057 | 54.646 |
| 16)                         | A 4,4'-DDD      | 6.177 | 6.846 | 581.0E6 | 136.7E6  | 54.047 | 57.944 |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.144 | 569.8E6 | 123.4E6  | 52.133 | 53.741 |
| 18)                         | B Endrin al...  | 6.493 | 7.058 | 548.4E6 | 122.3E6  | 50.126 | 53.869 |
| 19)                         | B Endosulfa...  | 6.706 | 7.281 | 605.0E6 | 134.4E6  | 49.764 | 53.095 |
| 20)                         | A Methoxychlor  | 6.961 | 7.605 | 279.4E6 | 64630784 | 52.588 | 52.713 |
| 21)                         | B Endrin ke...  | 7.198 | 7.753 | 680.6E6 | 147.2E6  | 52.011 | 55.213 |
| 22)                         | Mirex           | 7.387 | 8.207 | 450.1E6 | 97935389 | 48.715 | 53.875 |
| -----                       |                 |       |       |         |          |        |        |

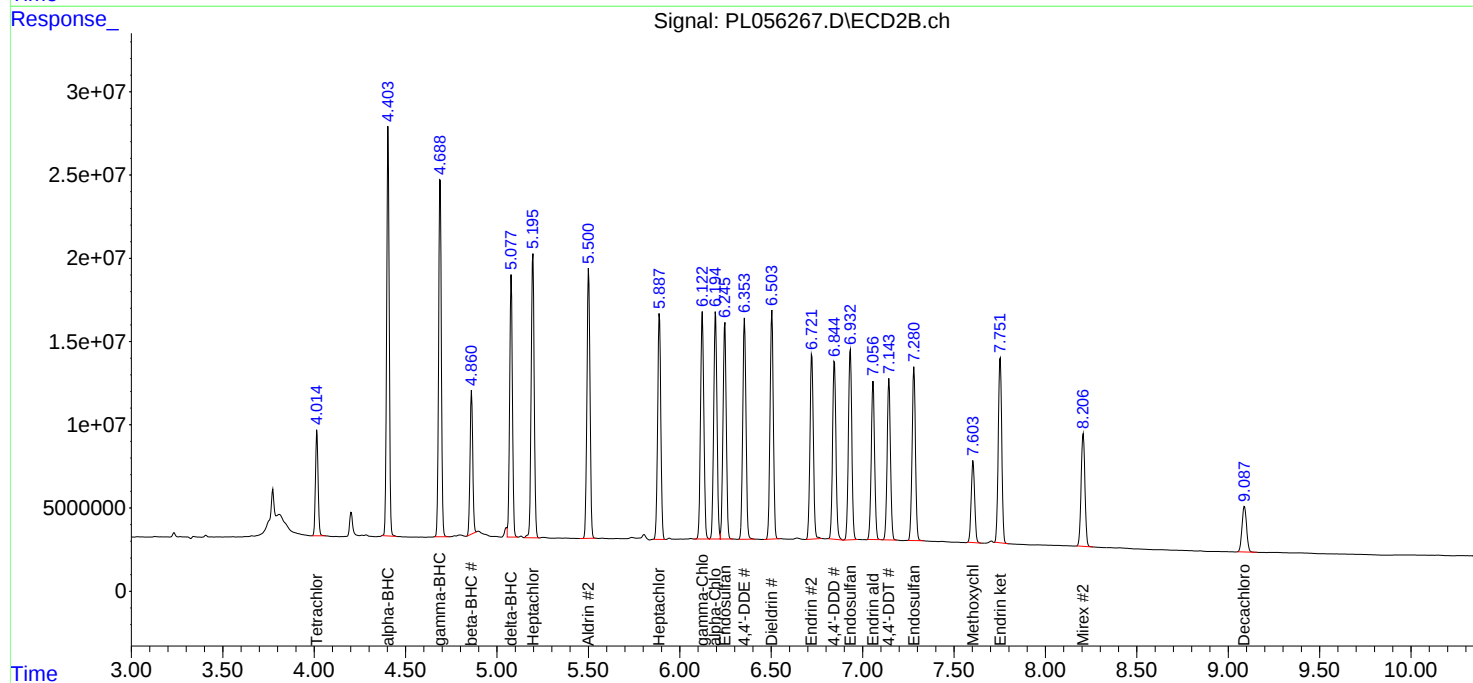
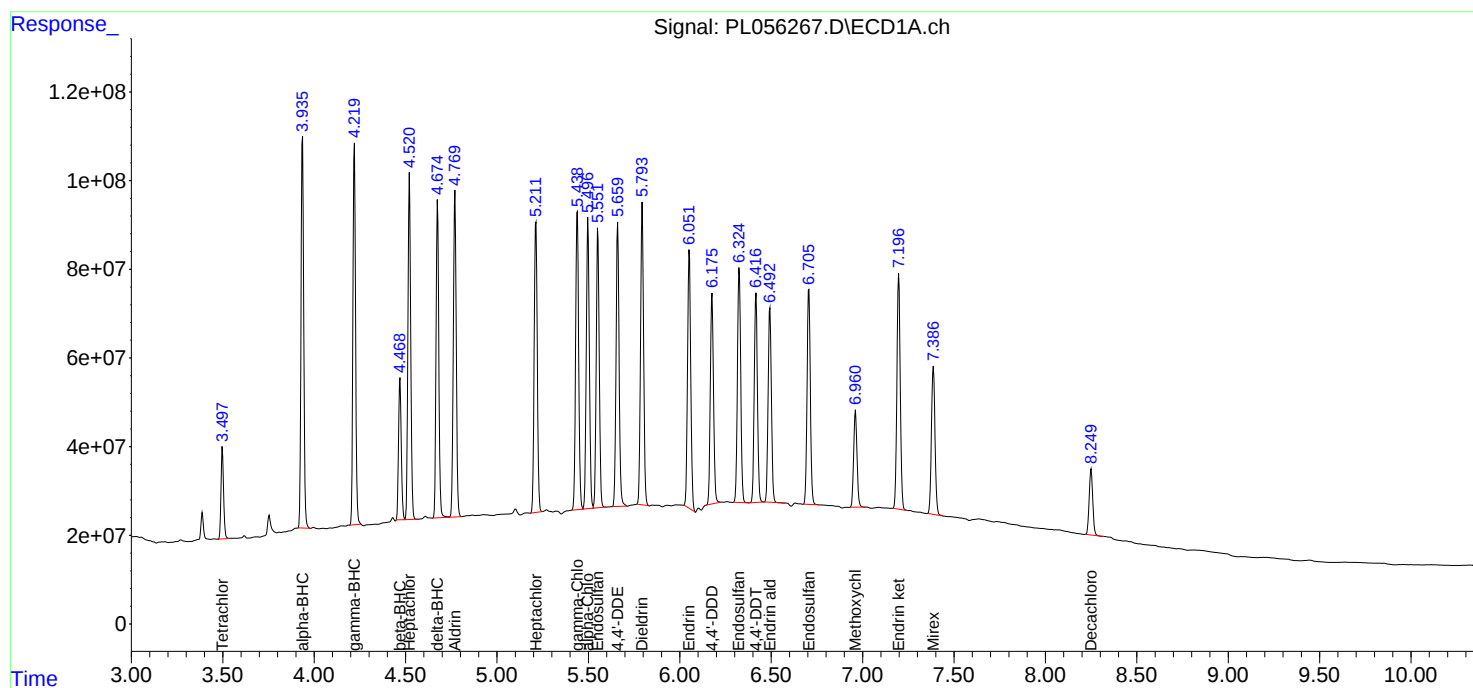
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

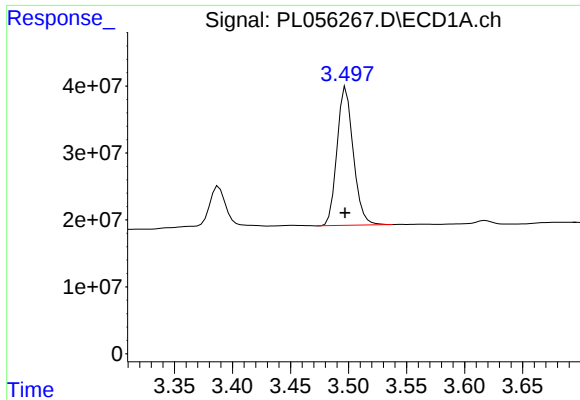
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013120\  
Data File : PL056267.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jan 2020 21:45  
Operator : AJ\MA  
Sample : L1004-18MSD  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 03:37:28 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 28 13:10:37 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

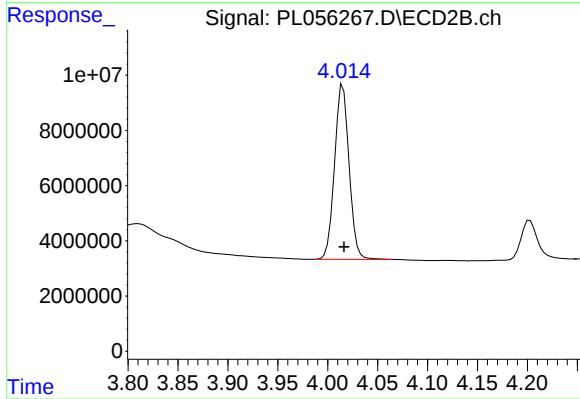




#1 Tetrachloro-m-xylene

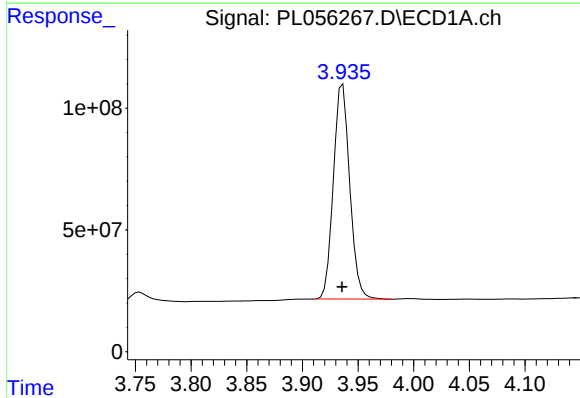
R.T.: 3.498 min  
Delta R.T.: 0.000 min  
Response: 202054766  
Conc: 19.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



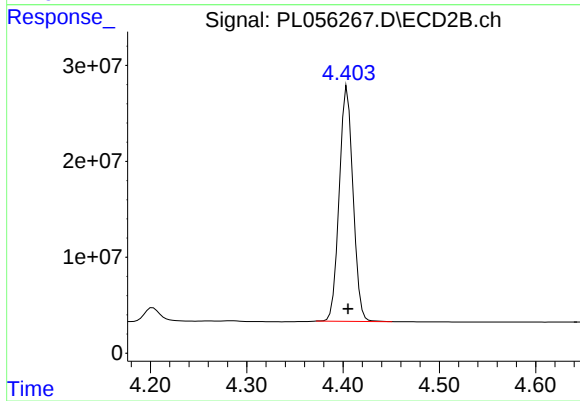
#1 Tetrachloro-m-xylene

R.T.: 4.015 min  
Delta R.T.: -0.001 min  
Response: 64049270  
Conc: 21.90 ng/ml



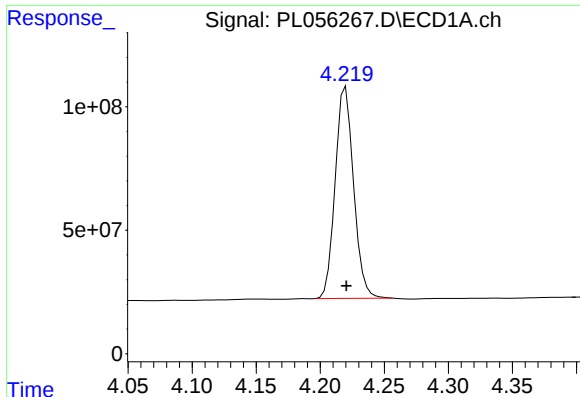
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 902610463  
Conc: 50.65 ng/ml



#2 alpha-BHC

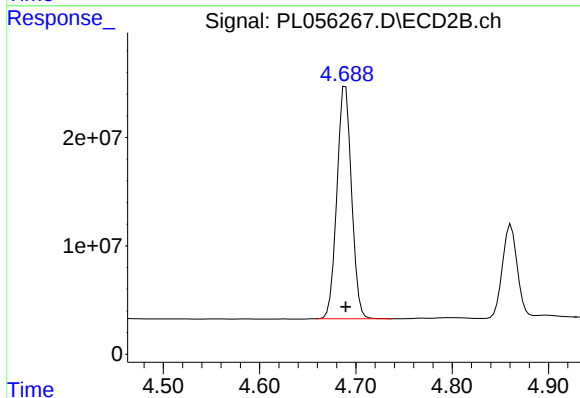
R.T.: 4.405 min  
Delta R.T.: 0.000 min  
Response: 243239682  
Conc: 55.57 ng/ml



#3 gamma-BHC (Lindane)

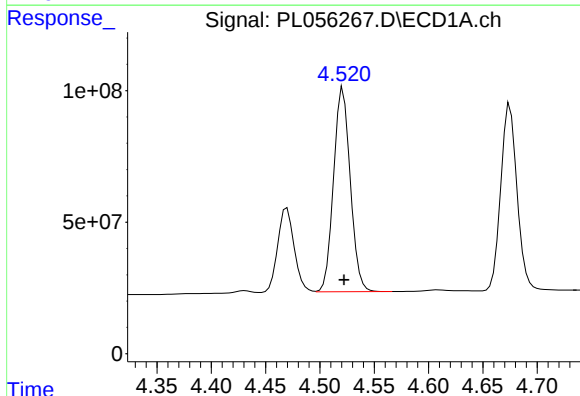
R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 857068695  
Conc: 52.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



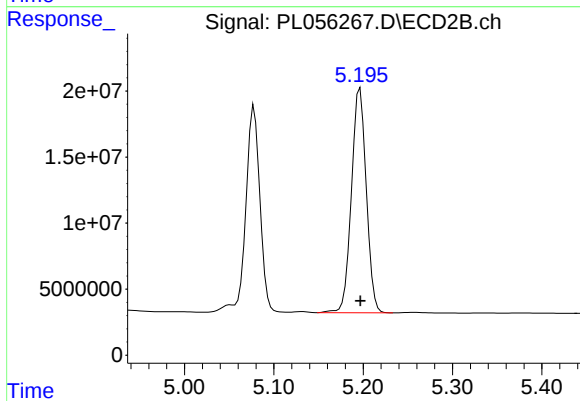
#3 gamma-BHC (Lindane)

R.T.: 4.689 min  
Delta R.T.: 0.000 min  
Response: 226529660  
Conc: 55.24 ng/ml



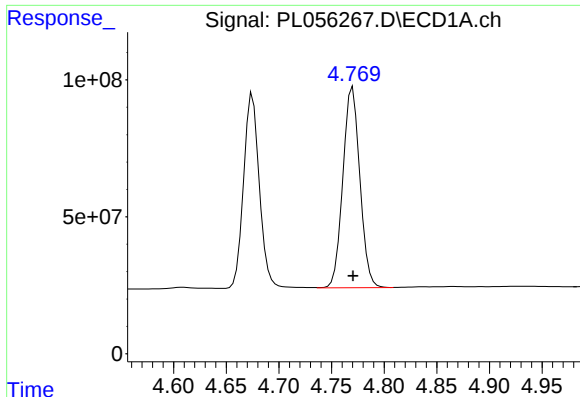
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: 0.000 min  
Response: 829383936  
Conc: 51.66 ng/ml



#4 Heptachlor

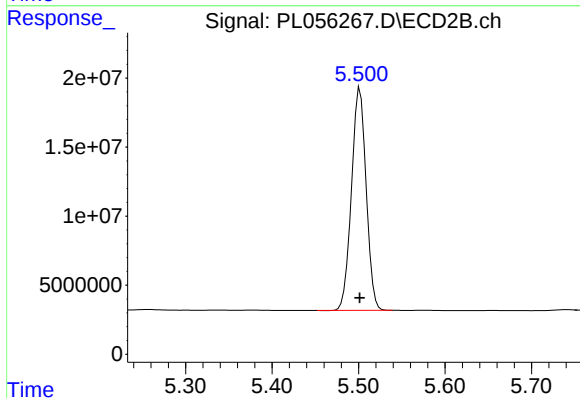
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 196564687  
Conc: 54.94 ng/ml



#5 Aldrin

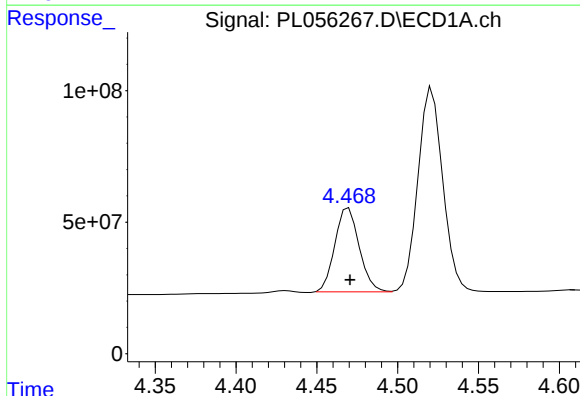
R.T.: 4.770 min  
Delta R.T.: 0.000 min  
Response: 825999310  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



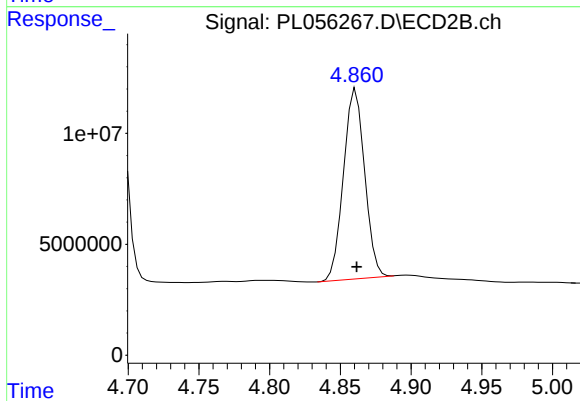
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: 0.000 min  
Response: 189595604  
Conc: 53.94 ng/ml



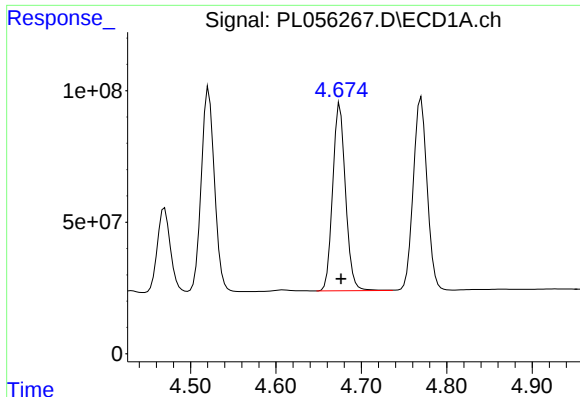
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 333808659  
Conc: 50.68 ng/ml



#6 beta-BHC

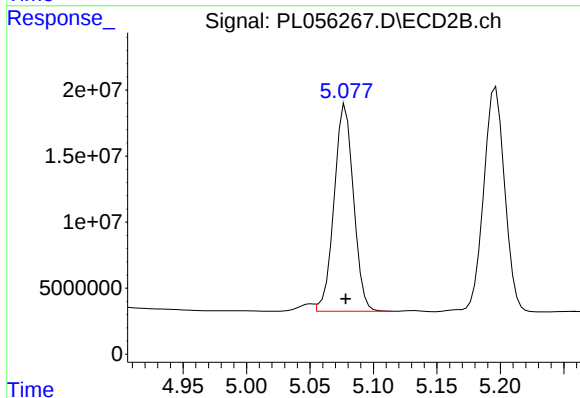
R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 89416768  
Conc: 54.54 ng/ml



#7 delta-BHC

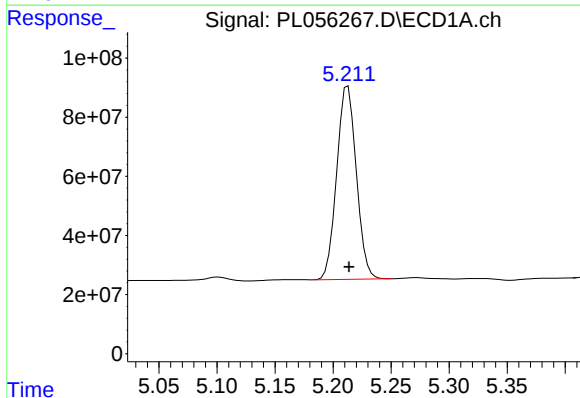
R.T.: 4.675 min  
Delta R.T.: -0.001 min  
Response: 744930573  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



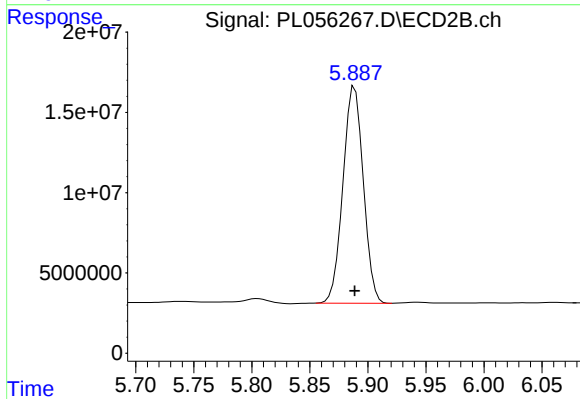
#7 delta-BHC

R.T.: 5.078 min  
Delta R.T.: 0.000 min  
Response: 166771384  
Conc: 52.00 ng/ml



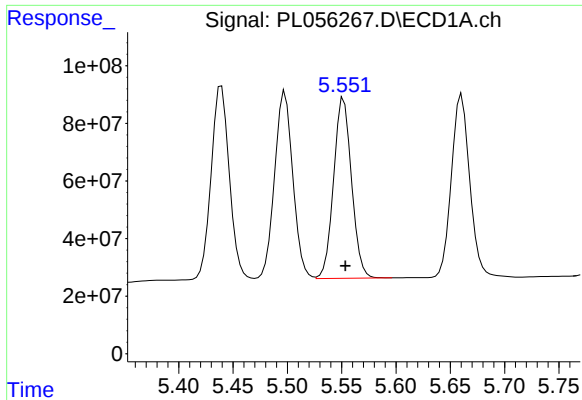
#8 Heptachlor epoxide

R.T.: 5.213 min  
Delta R.T.: 0.000 min  
Response: 769146406  
Conc: 50.01 ng/ml



#8 Heptachlor epoxide

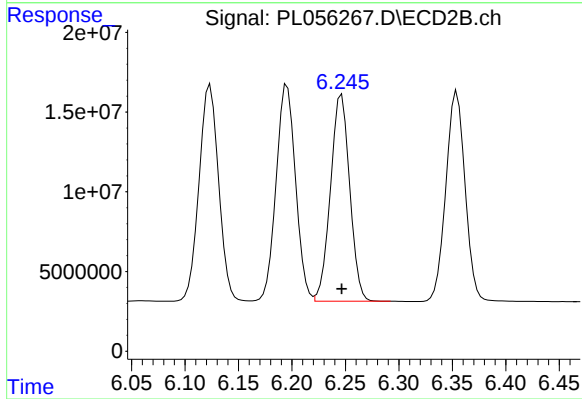
R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 164905074  
Conc: 52.98 ng/ml



#9 Endosulfan I

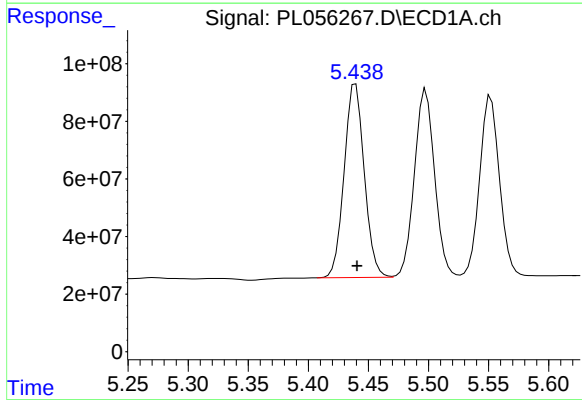
R.T.: 5.552 min  
Delta R.T.: -0.001 min  
Response: 719201373  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



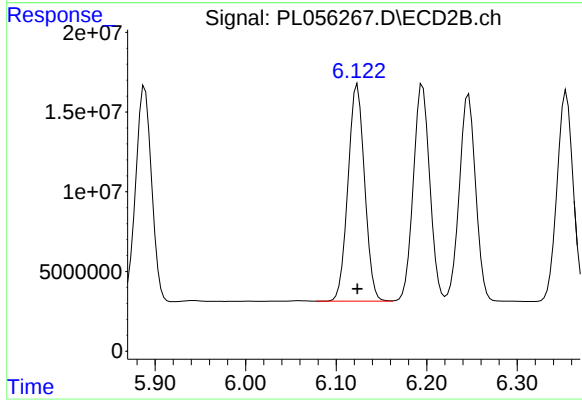
#9 Endosulfan I

R.T.: 6.247 min  
Delta R.T.: 0.000 min  
Response: 162282491  
Conc: 54.23 ng/ml



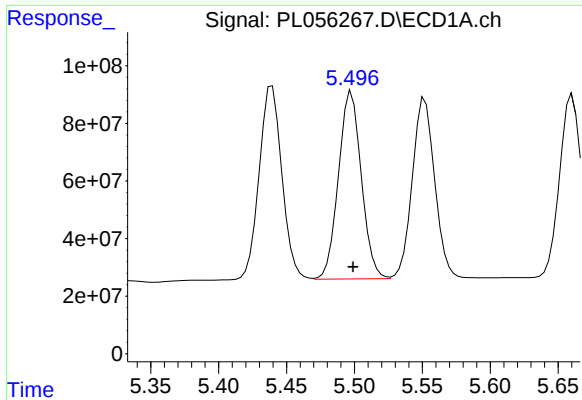
#10 gamma-Chlordane

R.T.: 5.439 min  
Delta R.T.: -0.001 min  
Response: 783365180  
Conc: 49.95 ng/ml



#10 gamma-Chlordane

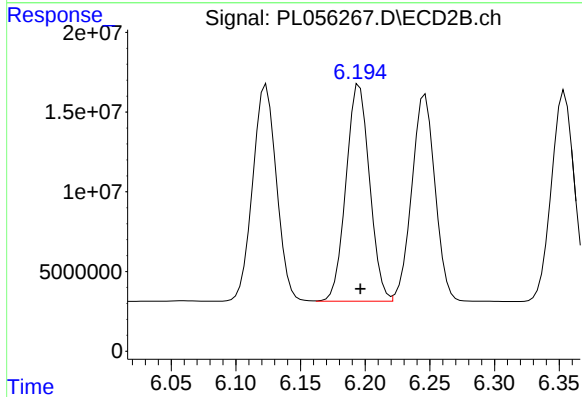
R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 173381403  
Conc: 54.52 ng/ml



#11 alpha-Chlordane

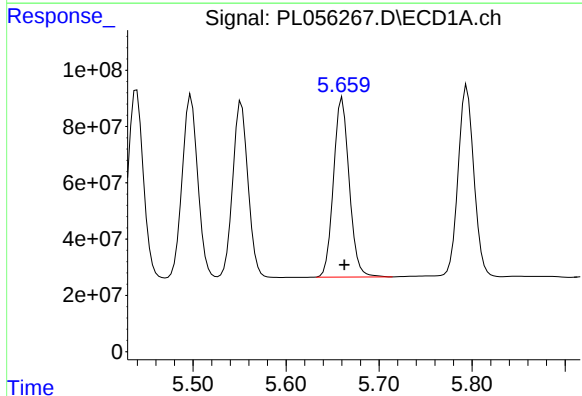
R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 762540410  
Conc: 49.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



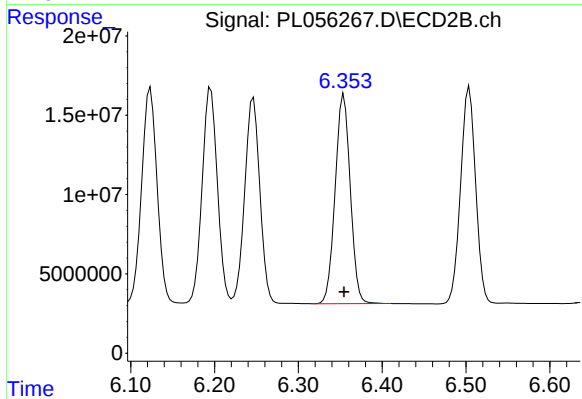
#11 alpha-Chlordane

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 172204360  
Conc: 54.33 ng/ml



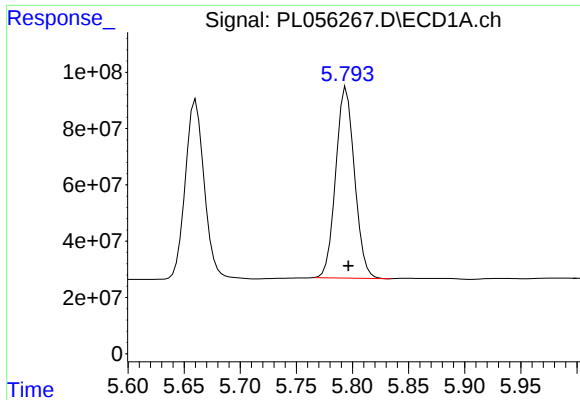
#12 4,4'-DDE

R.T.: 5.660 min  
Delta R.T.: -0.002 min  
Response: 748872651  
Conc: 51.67 ng/ml



#12 4,4'-DDE

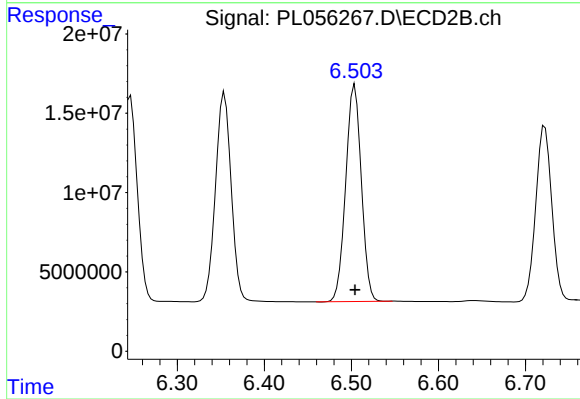
R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 165126546  
Conc: 55.13 ng/ml



#13 Dieldrin

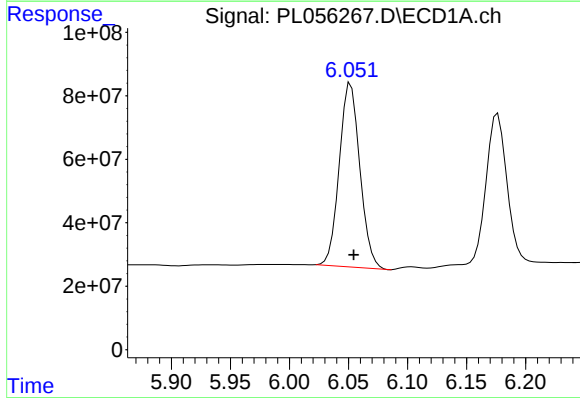
R.T.: 5.795 min  
Delta R.T.: -0.002 min  
Response: 790307409  
Conc: 51.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



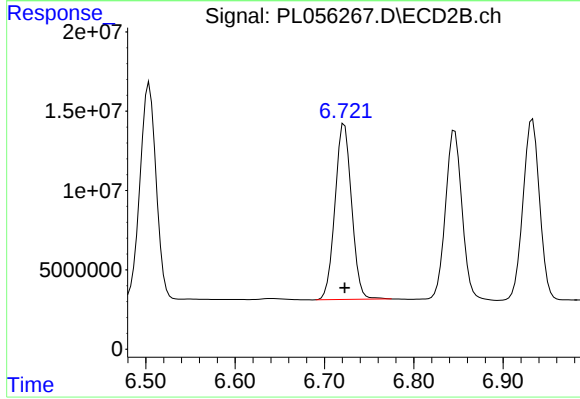
#13 Dieldrin

R.T.: 6.504 min  
Delta R.T.: 0.000 min  
Response: 170187510  
Conc: 54.83 ng/ml



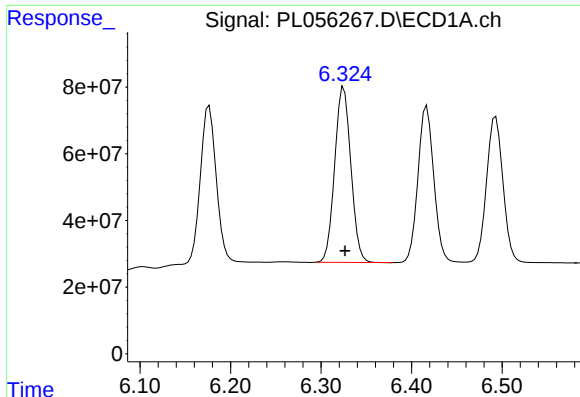
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: -0.003 min  
Response: 704701862  
Conc: 50.15 ng/ml



#14 Endrin

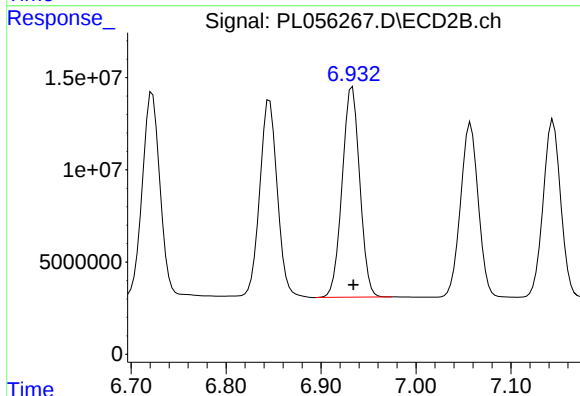
R.T.: 6.722 min  
Delta R.T.: 0.000 min  
Response: 142817375  
Conc: 54.50 ng/ml



#15 Endosulfan II

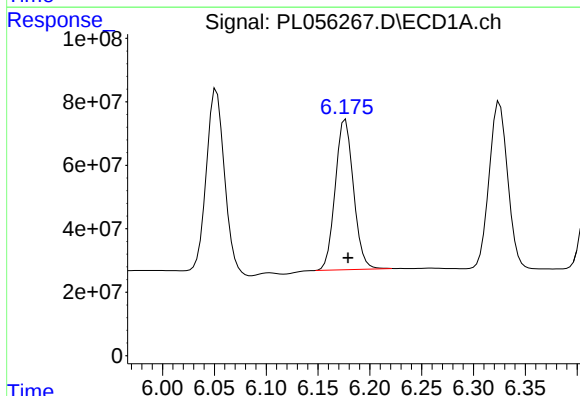
R.T.: 6.325 min  
Delta R.T.: -0.001 min  
Response: 654663092  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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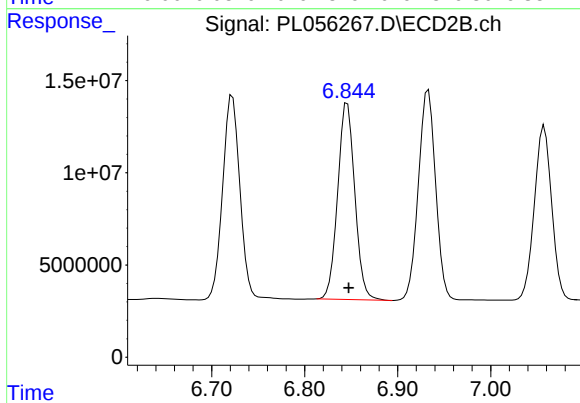
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: 0.000 min  
Response: 147112804  
Conc: 54.65 ng/ml



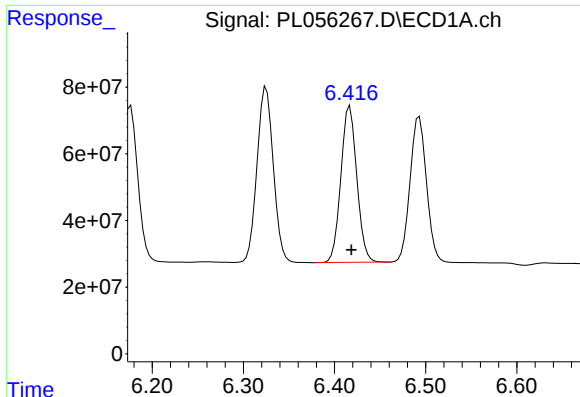
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 580955529  
Conc: 54.05 ng/ml



#16 4,4'-DDD

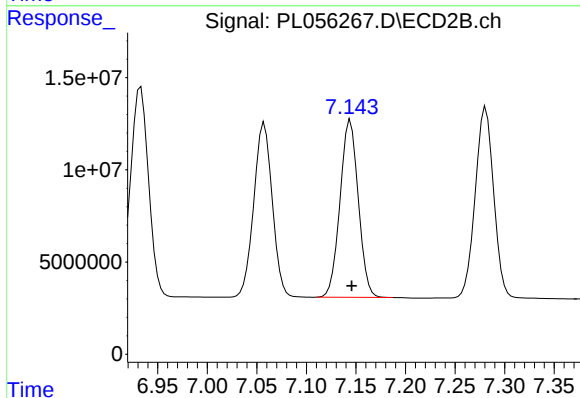
R.T.: 6.846 min  
Delta R.T.: -0.001 min  
Response: 136716569  
Conc: 57.94 ng/ml



#17 4,4'-DDT

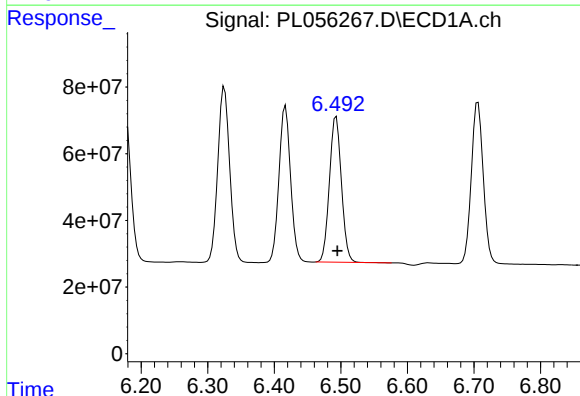
R.T.: 6.417 min  
Delta R.T.: -0.002 min  
Response: 569756616  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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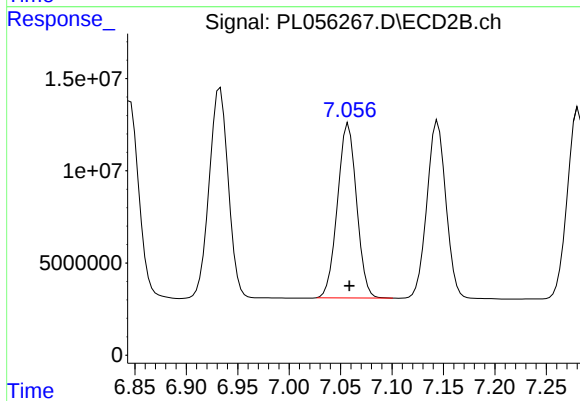
#17 4,4'-DDT

R.T.: 7.144 min  
Delta R.T.: -0.001 min  
Response: 123377290  
Conc: 53.74 ng/ml



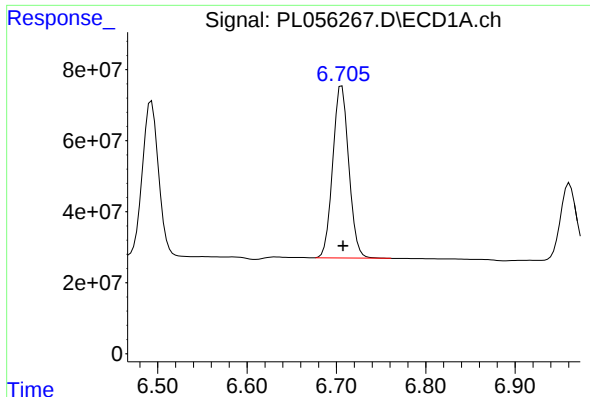
#18 Endrin aldehyde

R.T.: 6.493 min  
Delta R.T.: -0.002 min  
Response: 548416893  
Conc: 50.13 ng/ml



#18 Endrin aldehyde

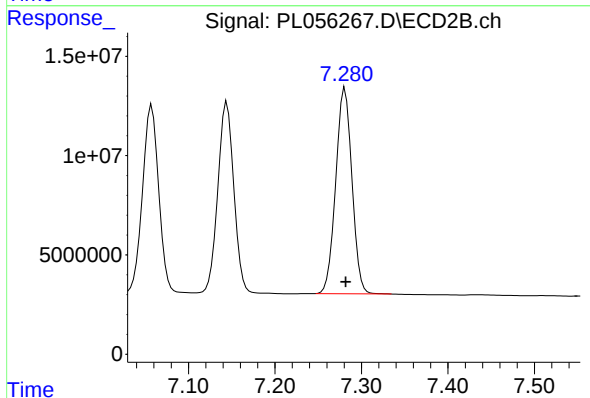
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 122296212  
Conc: 53.87 ng/ml



#19 Endosulfan Sulfate

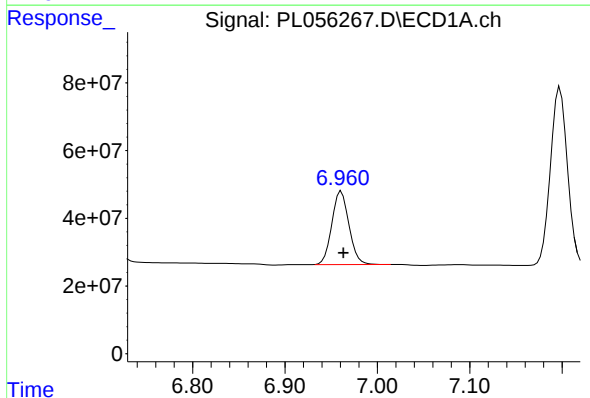
R.T.: 6.706 min  
Delta R.T.: -0.002 min  
Response: 605015850  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



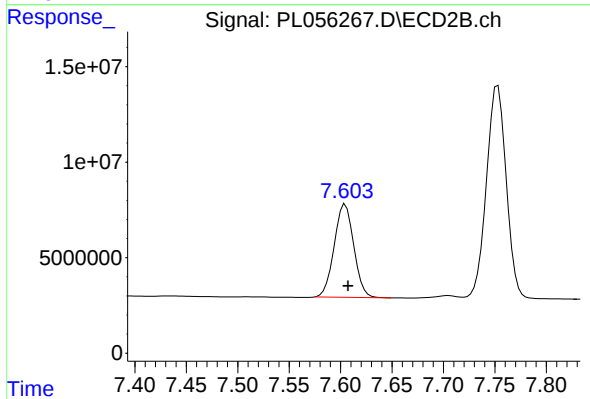
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: 0.000 min  
Response: 134371212  
Conc: 53.10 ng/ml



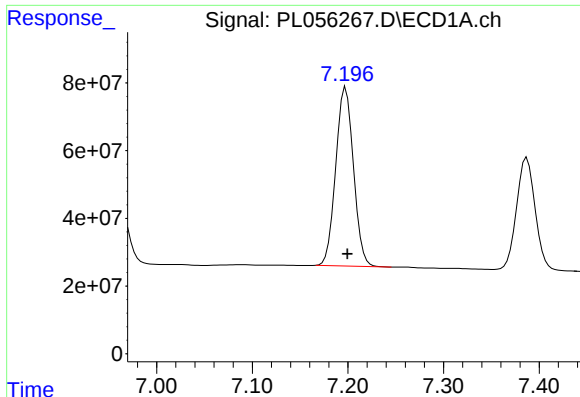
#20 Methoxychlor

R.T.: 6.961 min  
Delta R.T.: -0.002 min  
Response: 279359891  
Conc: 52.59 ng/ml



#20 Methoxychlor

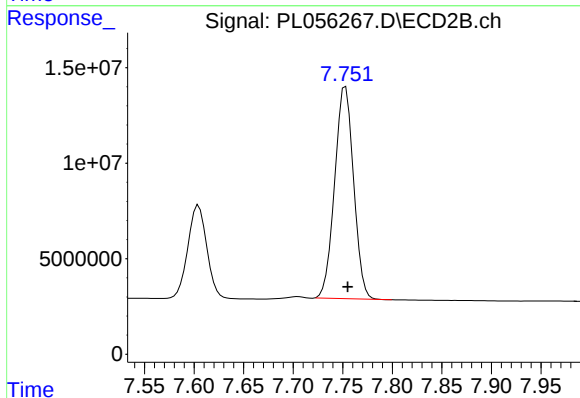
R.T.: 7.605 min  
Delta R.T.: -0.003 min  
Response: 64630784  
Conc: 52.71 ng/ml



#21 Endrin ketone

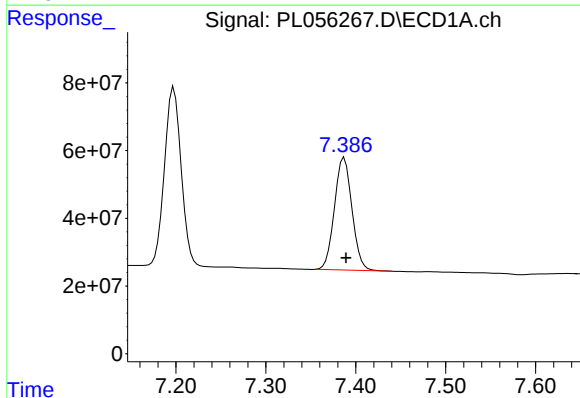
R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 680562032  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



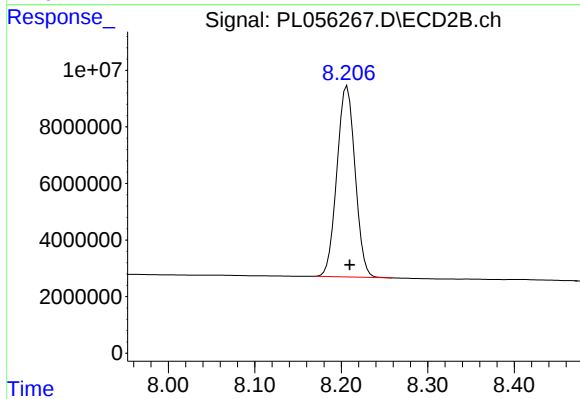
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.002 min  
Response: 147246243  
Conc: 55.21 ng/ml



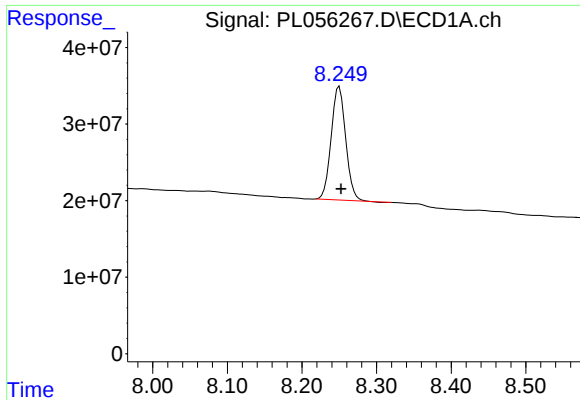
#22 Mirex

R.T.: 7.387 min  
Delta R.T.: -0.002 min  
Response: 450103099  
Conc: 48.72 ng/ml



#22 Mirex

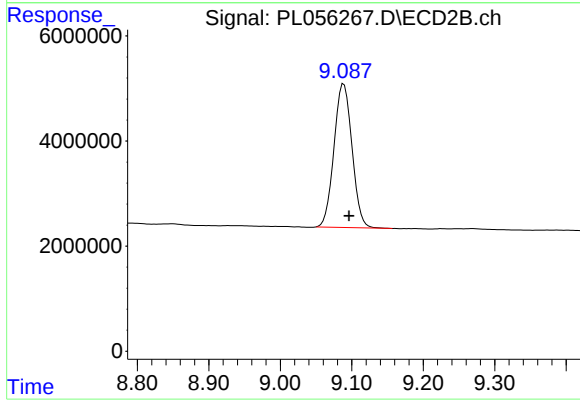
R.T.: 8.207 min  
Delta R.T.: -0.003 min  
Response: 97935389  
Conc: 53.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.250 min  
Delta R.T.: -0.002 min  
Response: 200456417  
Conc: 19.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-012920MSD



#28 Decachlorobiphenyl

R.T.: 9.089 min  
Delta R.T.: -0.007 min  
Response: 47962729  
Conc: 21.20 ng/ml