

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082219\  
 Data File : PL051735.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Aug 2019 21:02  
 Operator : SG\AJ  
 Sample : PB122459BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB122459BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 01:00:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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... | 3.314 | 3.926 | 179.3E6 | 47133065 | 20.951 | 21.573 |
| 28)                         | SA Decachlor... | 7.974 | 8.954 | 217.0E6 | 55046550 | 17.875 | 18.084 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.742 | 4.314 | 775.9E6 | 175.9E6  | 53.547 | 54.576 |
| 3)                          | MA gamma-BHC... | 4.017 | 4.597 | 731.7E6 | 170.1E6  | 55.611 | 54.043 |
| 4)                          | MA Heptachlor   | 4.300 | 5.098 | 803.5E6 | 190.0E6  | 53.073 | 54.187 |
| 5)                          | MB Aldrin       | 4.538 | 5.400 | 776.9E6 | 181.6E6  | 53.764 | 55.370 |
| 6)                          | B beta-BHC      | 4.272 | 4.775 | 304.5E6 | 79635938 | 53.334 | 54.642 |
| 7)                          | B delta-BHC     | 4.464 | 4.988 | 736.9E6 | 166.6E6  | 49.559 | 53.231 |
| 8)                          | B Heptachlor... | 4.974 | 5.787 | 721.7E6 | 174.0E6  | 51.604 | 51.546 |
| 9)                          | A Endosulfan I  | 5.304 | 6.142 | 687.4E6 | 163.2E6  | 51.133 | 50.490 |
| 10)                         | B gamma-Chl...  | 5.197 | 6.021 | 751.6E6 | 179.3E6  | 50.337 | 49.099 |
| 11)                         | B alpha-Chl...  | 5.252 | 6.092 | 724.8E6 | 176.0E6  | 50.082 | 50.999 |
| 12)                         | B 4,4'-DDE      | 5.419 | 6.253 | 734.9E6 | 176.1E6  | 53.701 | 50.041 |
| 13)                         | MA Dieldrin     | 5.543 | 6.398 | 750.9E6 | 172.4E6  | 49.388 | 50.333 |
| 14)                         | MA Endrin       | 5.796 | 6.615 | 702.8E6 | 152.3E6  | 48.185 | 50.347 |
| 15)                         | B Endosulfa...  | 6.071 | 6.828 | 643.5E6 | 153.9E6  | 46.249 | 46.704 |
| 16)                         | A 4,4'-DDD      | 5.930 | 6.744 | 590.9E6 | 138.3E6  | 48.258 | 51.088 |
| 17)                         | MA 4,4'-DDT     | 6.164 | 7.040 | 595.2E6 | 140.0E6  | 46.679 | 47.826 |
| 18)                         | B Endrin al...  | 6.237 | 6.952 | 525.6E6 | 135.6E6  | 45.183 | 47.996 |
| 19)                         | B Endosulfa...  | 6.449 | 7.175 | 604.5E6 | 154.1E6  | 46.467 | 49.894 |
| 20)                         | A Methoxychlor  | 6.709 | 7.502 | 302.8E6 | 76623128 | 44.665 | 45.685 |
| 21)                         | B Endrin ke...  | 6.930 | 7.643 | 645.1E6 | 158.5E6  | 45.602 | 49.550 |
| 22)                         | Mirex           | 7.103 | 8.091 | 459.5E6 | 114.6E6  | 43.403 | 47.095 |
| -----                       |                 |       |       |         |          |        |        |

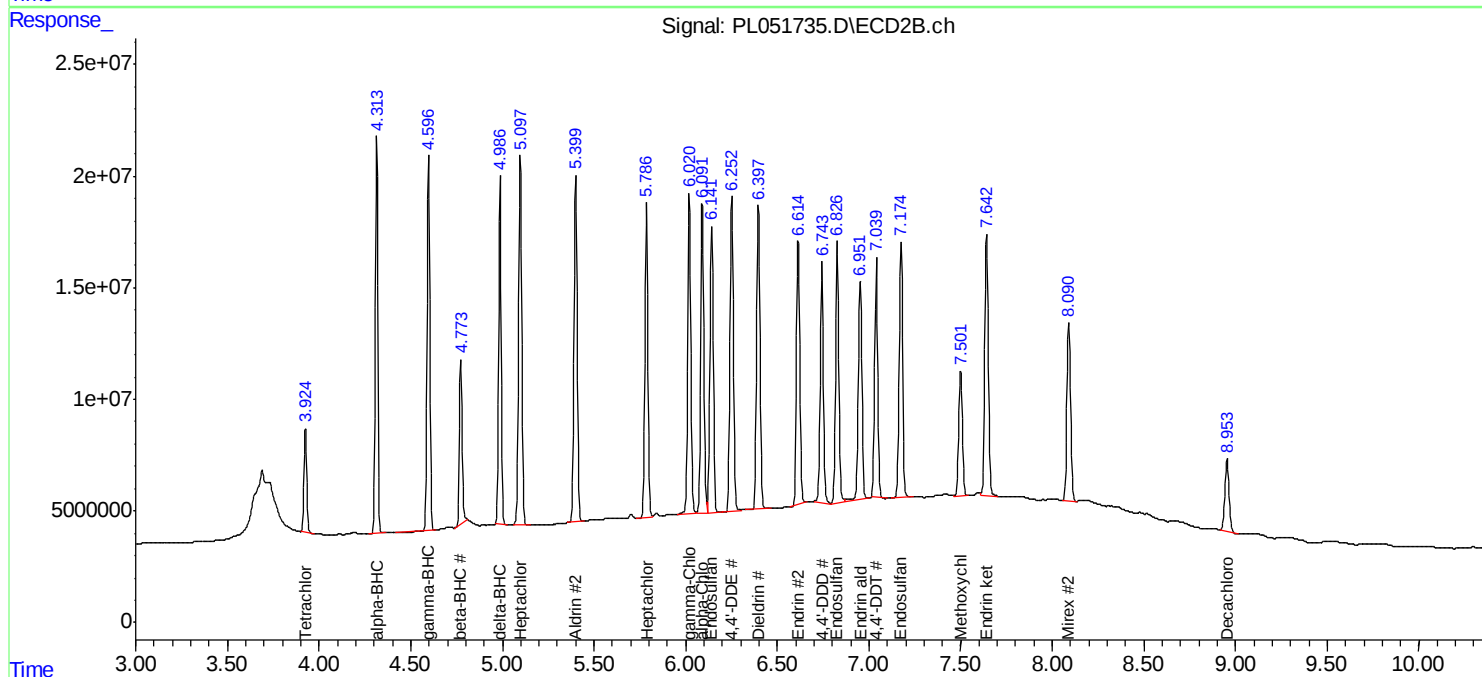
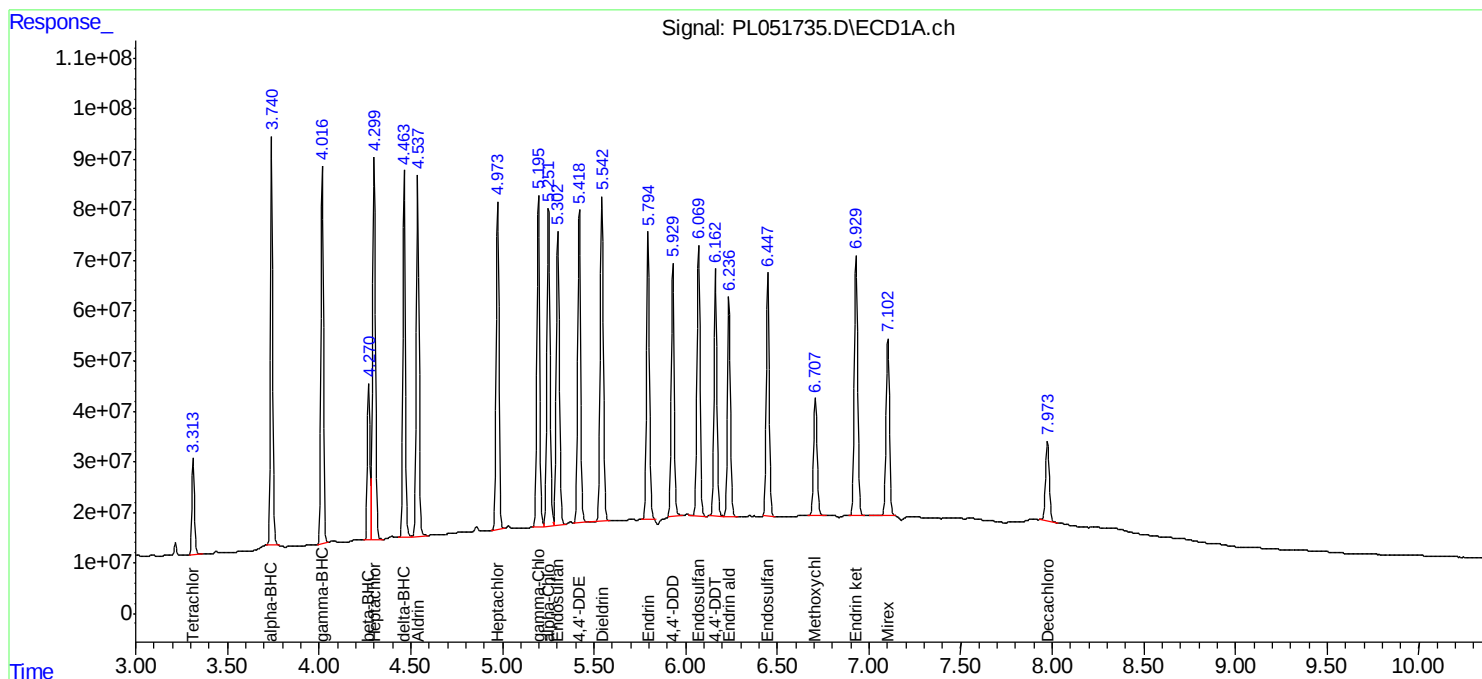
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

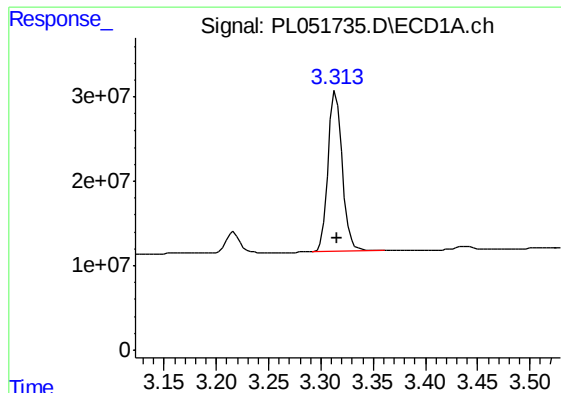
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082219\  
Data File : PL051735.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Aug 2019 21:02  
Operator : SG\AJ  
Sample : PB122459BS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB122459BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 01:00:17 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
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

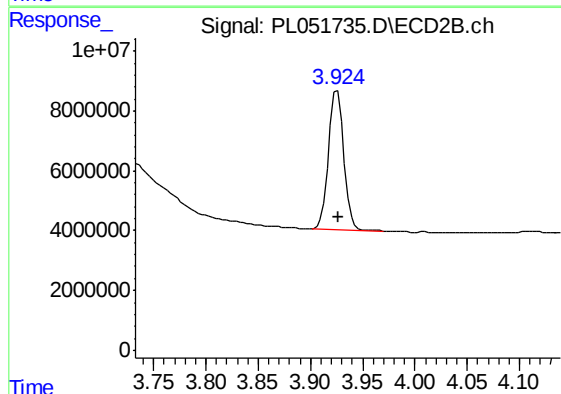




#1 Tetrachloro-m-xylene

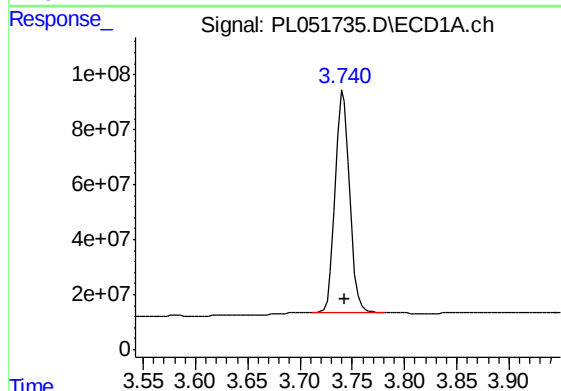
R.T.: 3.314 min  
Delta R.T.: -0.002 min  
Response: 179307630  
Conc: 20.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



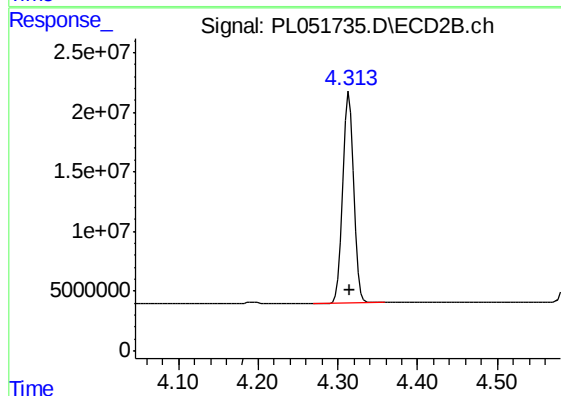
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 47133065  
Conc: 21.57 ng/ml



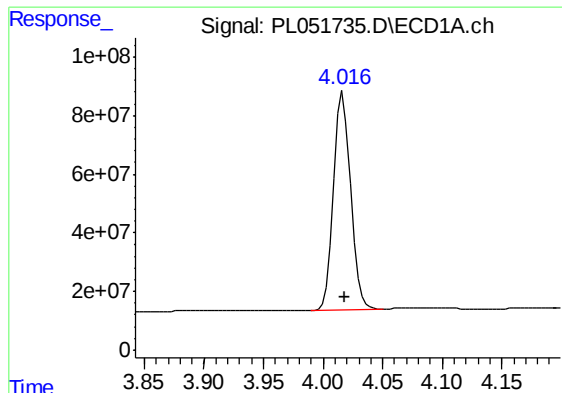
#2 alpha-BHC

R.T.: 3.742 min  
Delta R.T.: 0.000 min  
Response: 775878203  
Conc: 53.55 ng/ml



#2 alpha-BHC

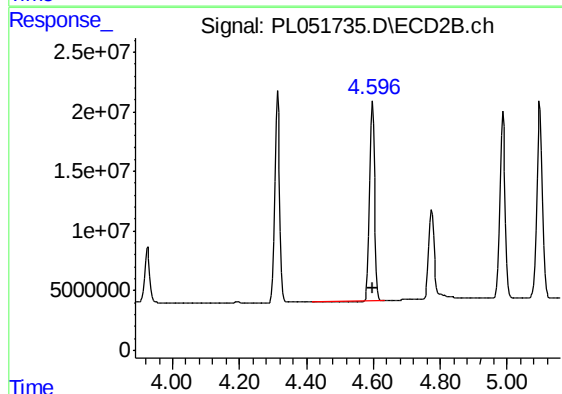
R.T.: 4.314 min  
Delta R.T.: 0.000 min  
Response: 175864563  
Conc: 54.58 ng/ml



#3 gamma-BHC (Lindane)

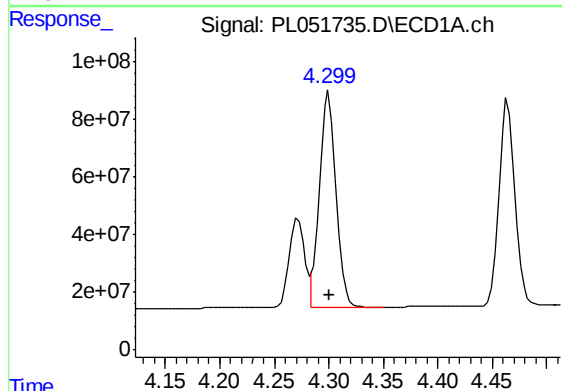
R.T.: 4.017 min  
Delta R.T.: 0.000 min  
Response: 731654247  
Conc: 55.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



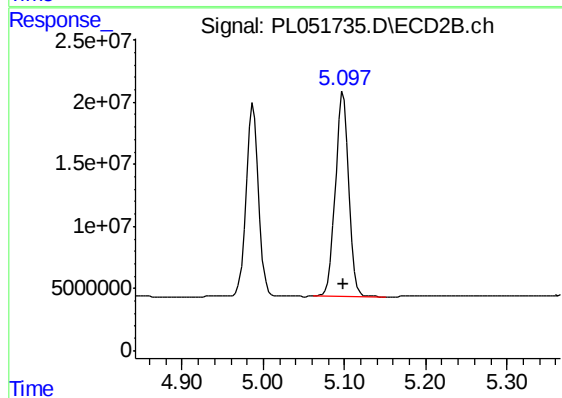
#3 gamma-BHC (Lindane)

R.T.: 4.597 min  
Delta R.T.: 0.000 min  
Response: 170143341  
Conc: 54.04 ng/ml



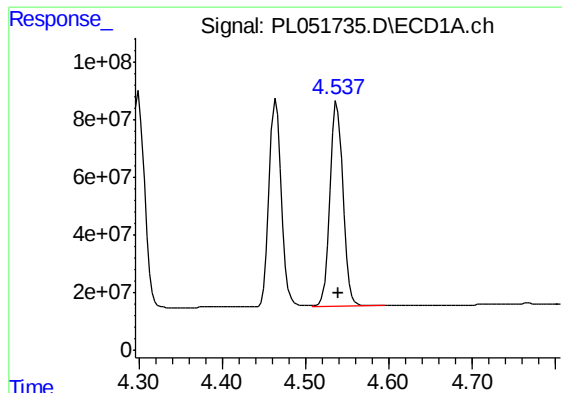
#4 Heptachlor

R.T.: 4.300 min  
Delta R.T.: 0.000 min  
Response: 803450730  
Conc: 53.07 ng/ml



#4 Heptachlor

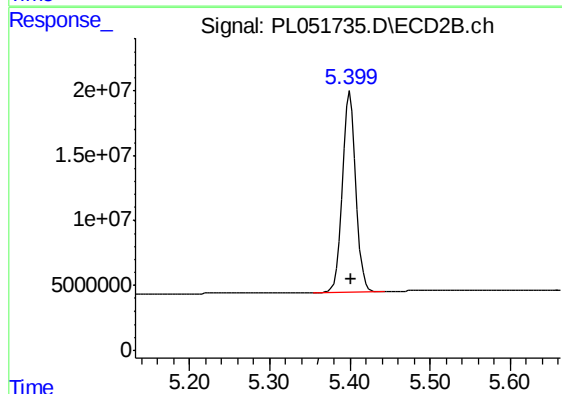
R.T.: 5.098 min  
Delta R.T.: 0.000 min  
Response: 190027733  
Conc: 54.19 ng/ml



#5 Aldrin

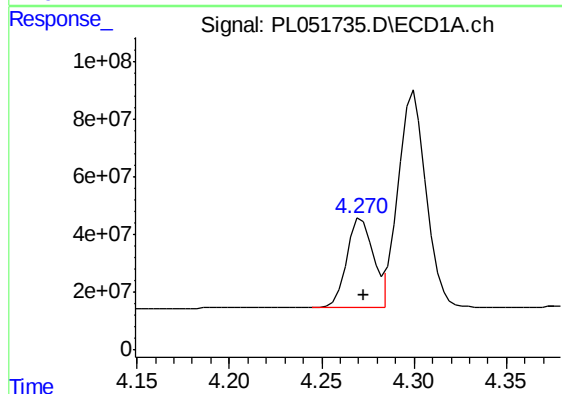
R.T.: 4.538 min  
Delta R.T.: -0.001 min  
Response: 776920335  
Conc: 53.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



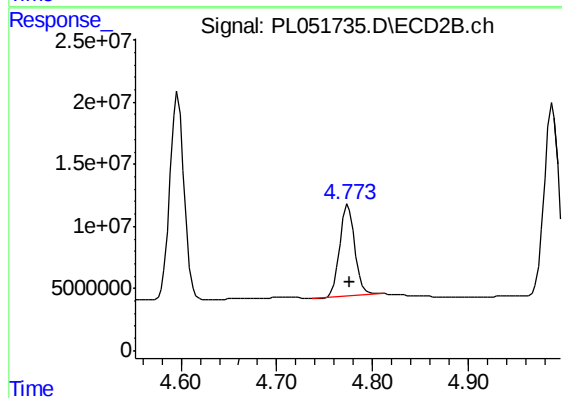
#5 Aldrin

R.T.: 5.400 min  
Delta R.T.: 0.000 min  
Response: 181551524  
Conc: 55.37 ng/ml



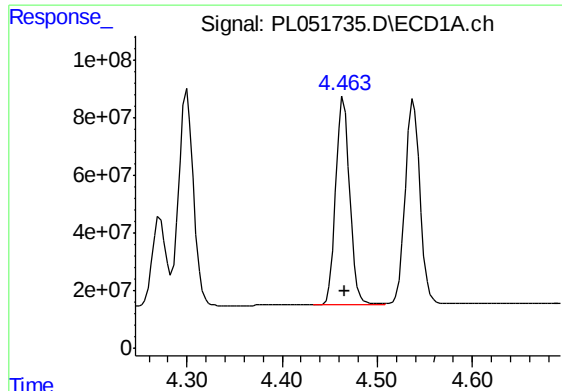
#6 beta-BHC

R.T.: 4.272 min  
Delta R.T.: -0.001 min  
Response: 304542590  
Conc: 53.33 ng/ml



#6 beta-BHC

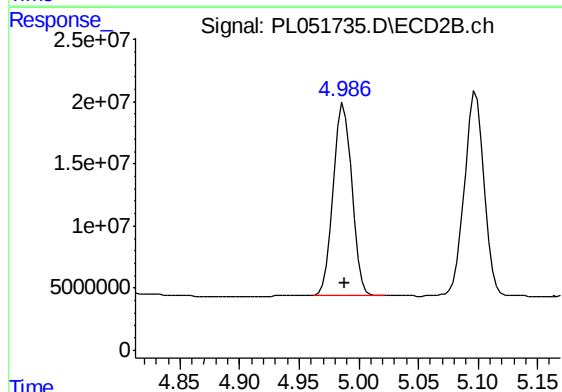
R.T.: 4.775 min  
Delta R.T.: -0.001 min  
Response: 79635938  
Conc: 54.64 ng/ml



#7 delta-BHC

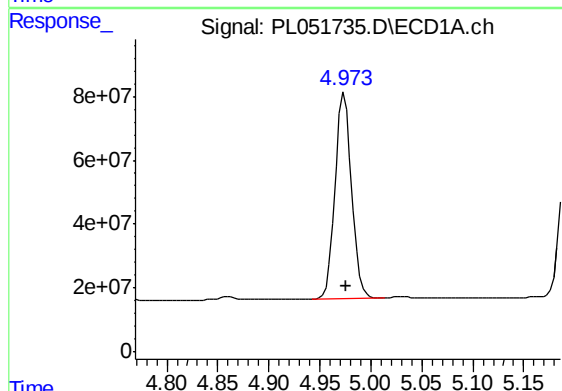
R.T.: 4.464 min  
Delta R.T.: -0.001 min  
Response: 736903965  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



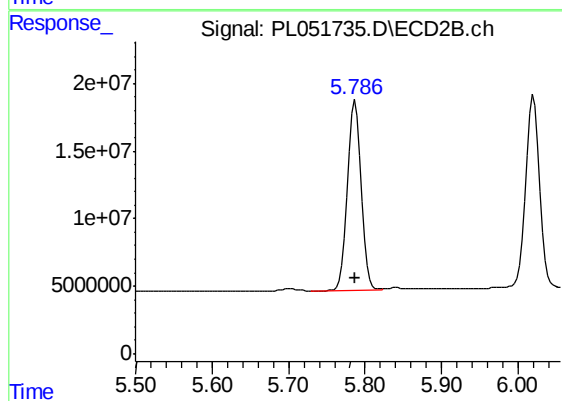
#7 delta-BHC

R.T.: 4.988 min  
Delta R.T.: 0.000 min  
Response: 166599095  
Conc: 53.23 ng/ml



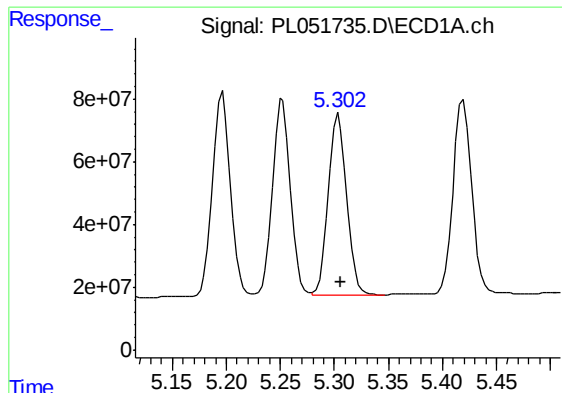
#8 Heptachlor epoxide

R.T.: 4.974 min  
Delta R.T.: -0.001 min  
Response: 721700098  
Conc: 51.60 ng/ml



#8 Heptachlor epoxide

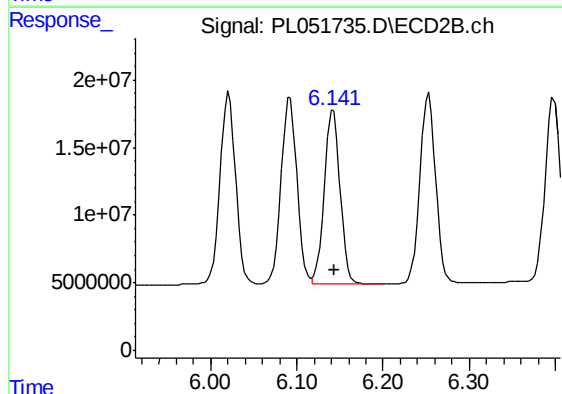
R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 173958151  
Conc: 51.55 ng/ml



#9 Endosulfan I

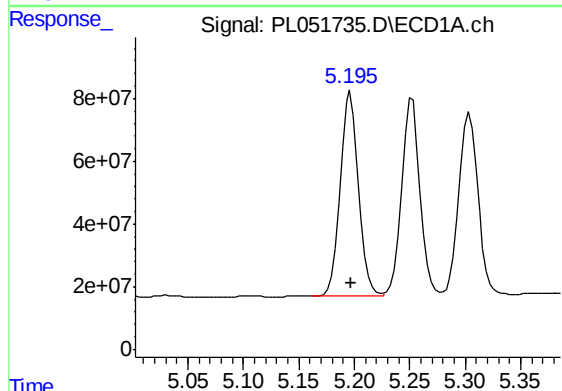
R.T.: 5.304 min  
Delta R.T.: -0.002 min  
Response: 687417034  
Conc: 51.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



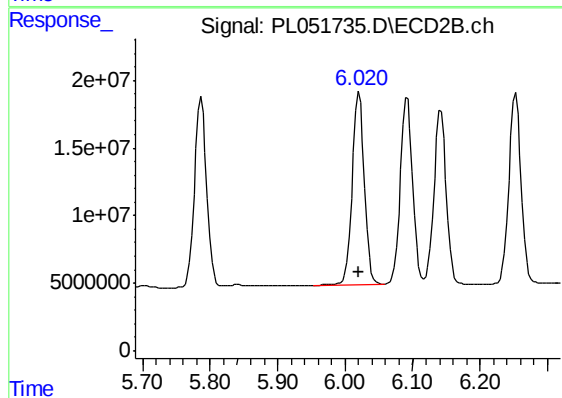
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 163245370  
Conc: 50.49 ng/ml



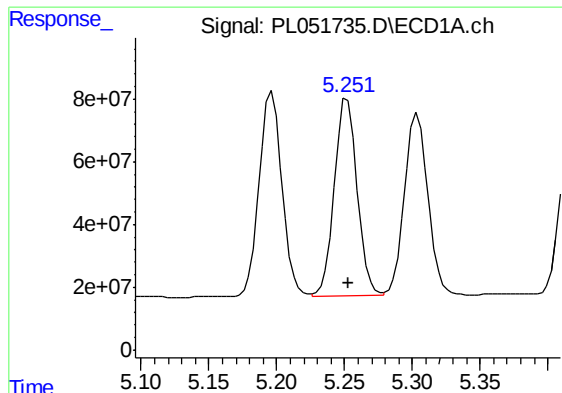
#10 gamma-Chlordane

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 751632470  
Conc: 50.34 ng/ml



#10 gamma-Chlordane

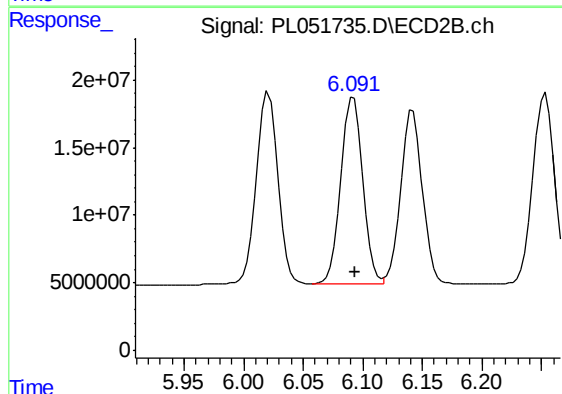
R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 179262835  
Conc: 49.10 ng/ml



#11 alpha-Chlordane

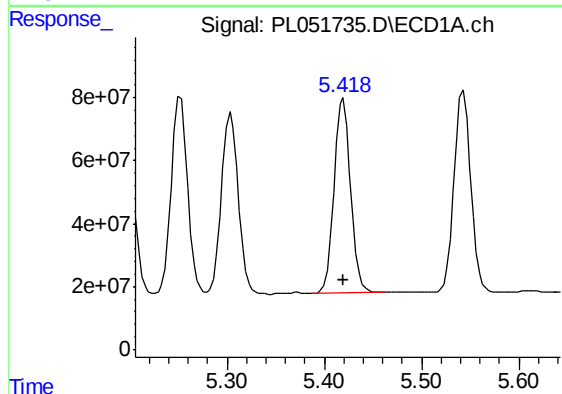
R.T.: 5.252 min  
Delta R.T.: -0.001 min  
Response: 724752738  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



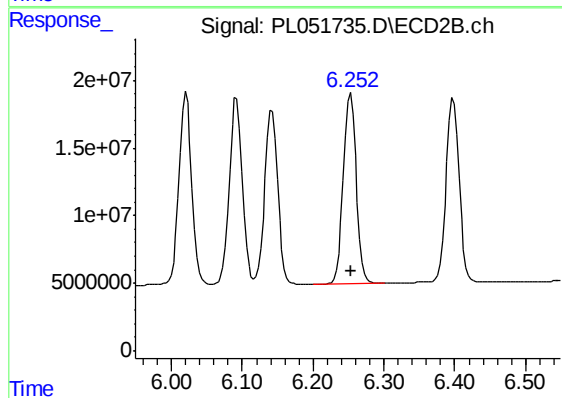
#11 alpha-Chlordane

R.T.: 6.092 min  
Delta R.T.: -0.001 min  
Response: 175996463  
Conc: 51.00 ng/ml



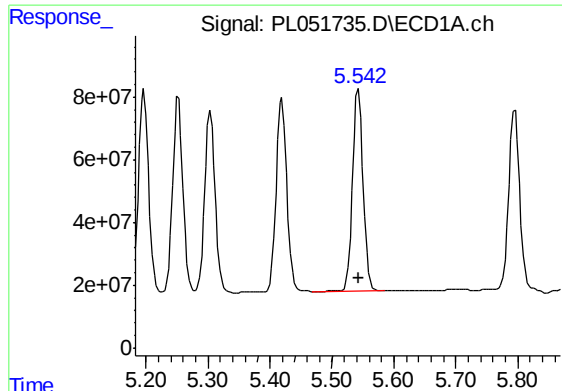
#12 4,4'-DDE

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 734938675  
Conc: 53.70 ng/ml



#12 4,4'-DDE

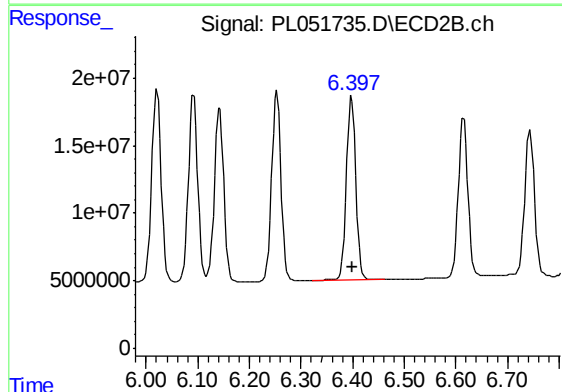
R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 176147197  
Conc: 50.04 ng/ml



#13 Dielddrin

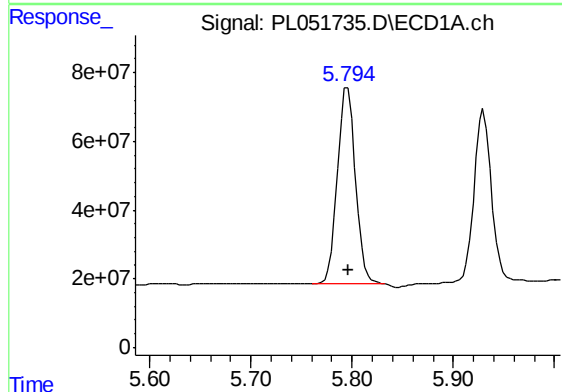
R.T.: 5.543 min  
Delta R.T.: -0.001 min  
Response: 750942555  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



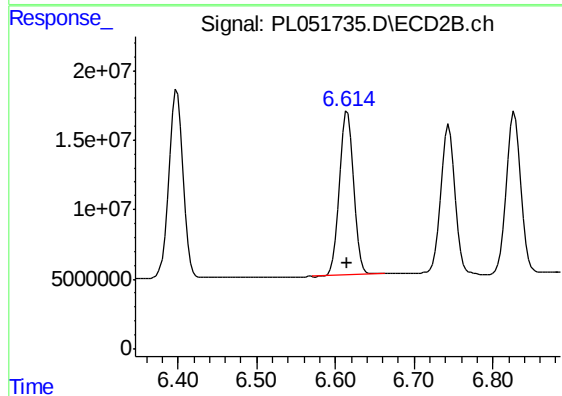
#13 Dielddrin

R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 172371177  
Conc: 50.33 ng/ml



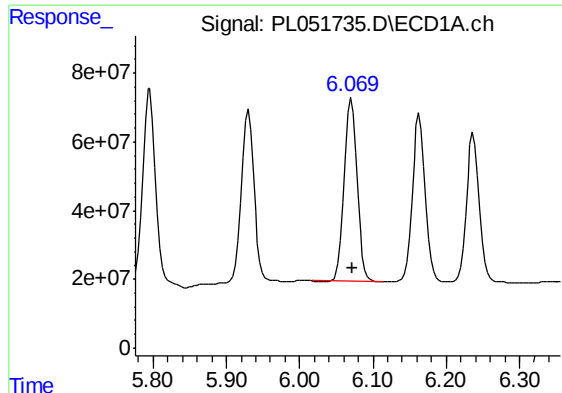
#14 Endrin

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 702825163  
Conc: 48.18 ng/ml



#14 Endrin

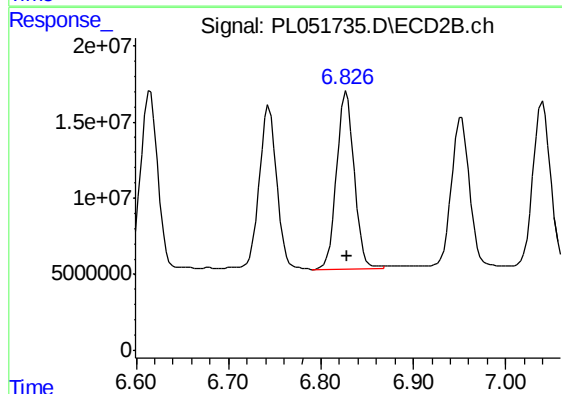
R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 152280405  
Conc: 50.35 ng/ml



#15 Endosulfan II

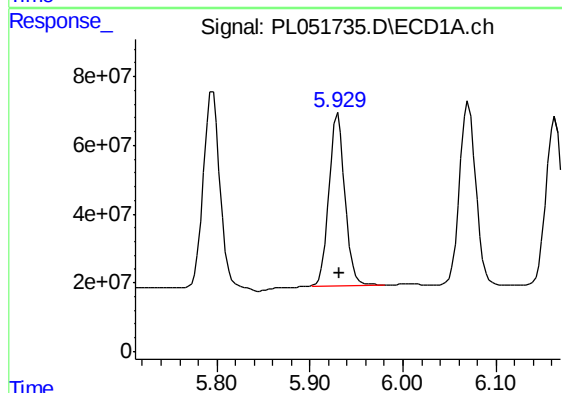
R.T.: 6.071 min  
Delta R.T.: -0.001 min  
Response: 643507255  
Conc: 46.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



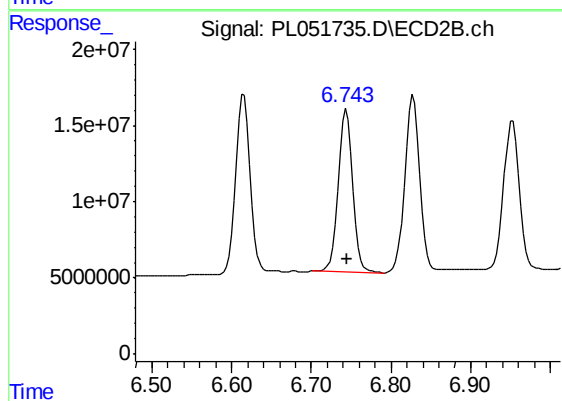
#15 Endosulfan II

R.T.: 6.828 min  
Delta R.T.: -0.001 min  
Response: 153938425  
Conc: 46.70 ng/ml



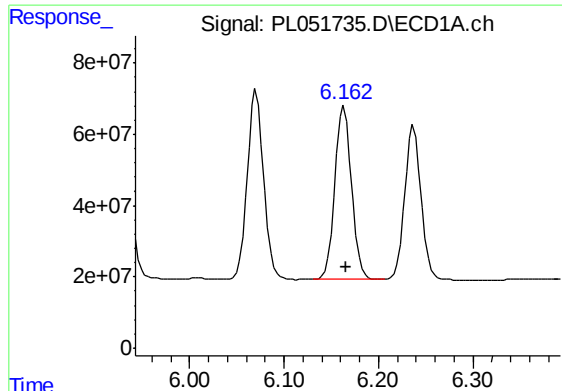
#16 4,4'-DDD

R.T.: 5.930 min  
Delta R.T.: -0.001 min  
Response: 590942119  
Conc: 48.26 ng/ml



#16 4,4'-DDD

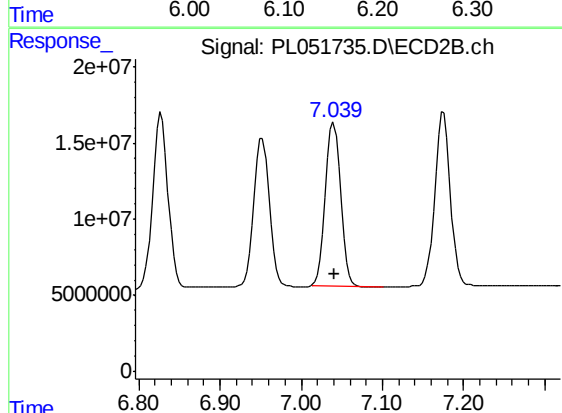
R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 138311471  
Conc: 51.09 ng/ml



#17 4,4'-DDT

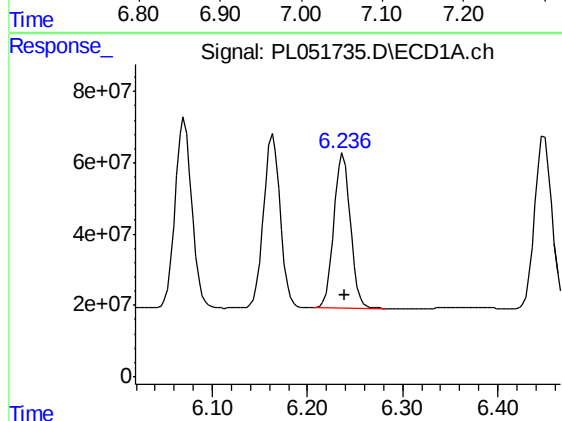
R.T.: 6.164 min  
Delta R.T.: -0.001 min  
Response: 595221310  
Conc: 46.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



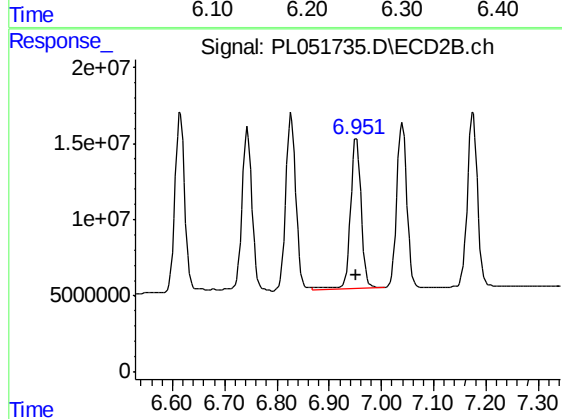
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 140018583  
Conc: 47.83 ng/ml



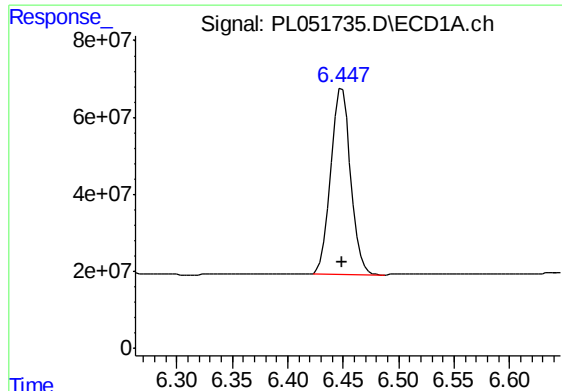
#18 Endrin aldehyde

R.T.: 6.237 min  
Delta R.T.: -0.001 min  
Response: 525622353  
Conc: 45.18 ng/ml



#18 Endrin aldehyde

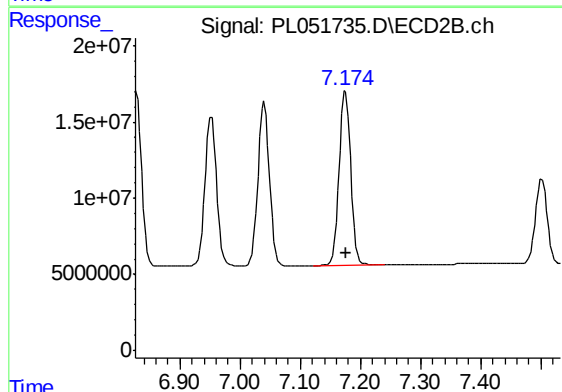
R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 135647128  
Conc: 48.00 ng/ml



#19 Endosulfan Sulfate

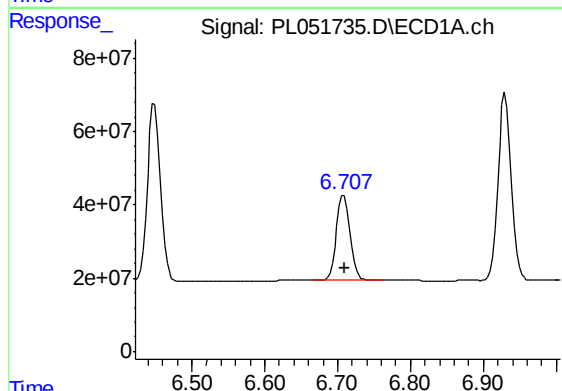
R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 604492104  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



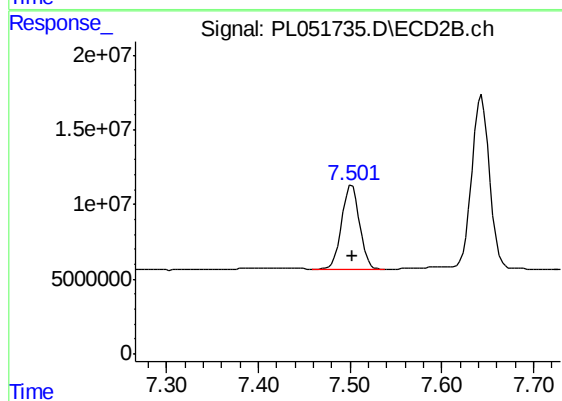
#19 Endosulfan Sulfate

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 154076114  
Conc: 49.89 ng/ml



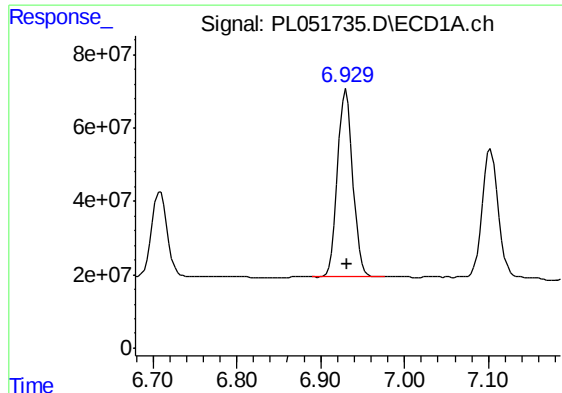
#20 Methoxychlor

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 302817438  
Conc: 44.66 ng/ml



#20 Methoxychlor

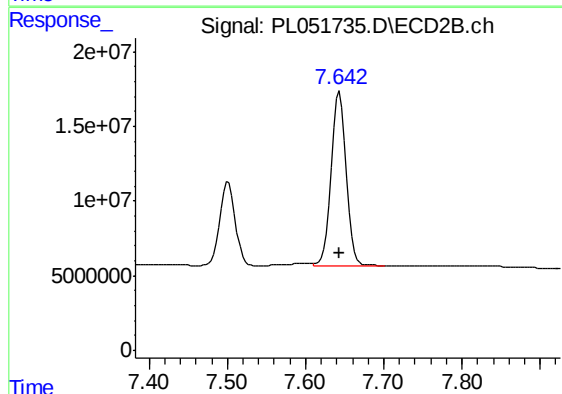
R.T.: 7.502 min  
Delta R.T.: 0.000 min  
Response: 76623128  
Conc: 45.69 ng/ml



#21 Endrin ketone

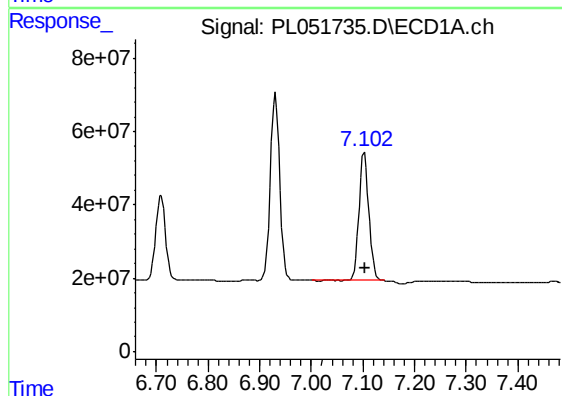
R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 645128298  
Conc: 45.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



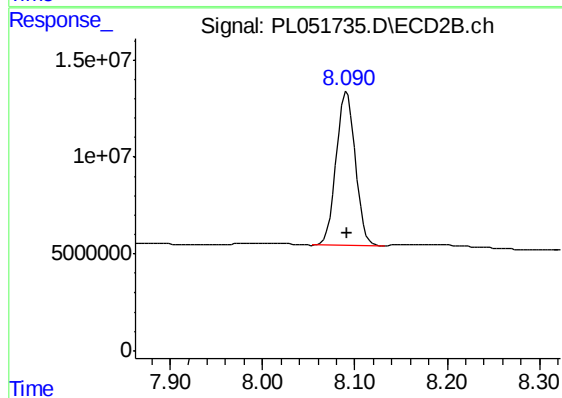
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: 0.000 min  
Response: 158534173  
Conc: 49.55 ng/ml



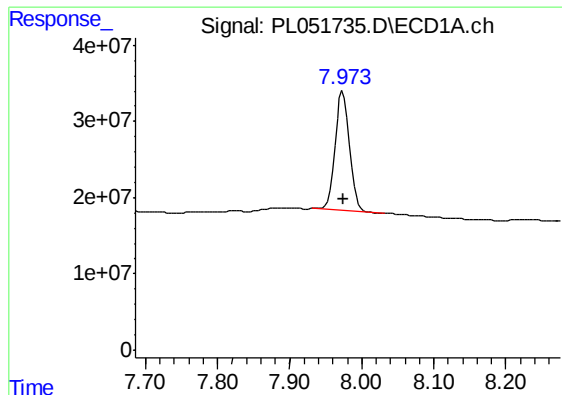
#22 Mirex

R.T.: 7.103 min  
Delta R.T.: -0.001 min  
Response: 459522789  
Conc: 43.40 ng/ml



#22 Mirex

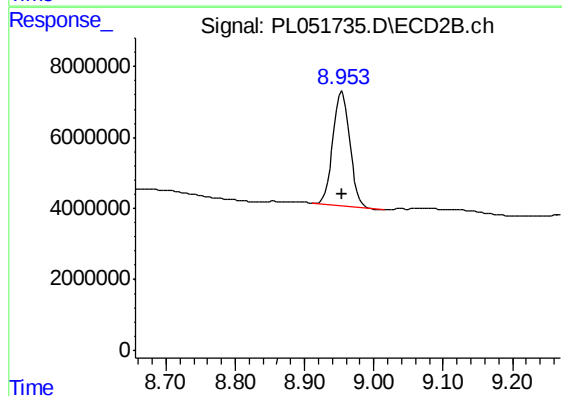
R.T.: 8.091 min  
Delta R.T.: 0.000 min  
Response: 114569033  
Conc: 47.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.974 min  
Delta R.T.: 0.000 min  
Response: 216968774  
Conc: 17.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122459BS



#28 Decachlorobiphenyl

R.T.: 8.954 min  
Delta R.T.: 0.000 min  
Response: 55046550  
Conc: 18.08 ng/ml