

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082219\  
 Data File : PL051721.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Aug 2019 17:44  
 Operator : SG\AJ  
 Sample : PB122409BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB122409BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 00:57:13 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... | 3.315 | 3.926 | 166.7E6 | 42978444 | 19.475 | 19.671 |
| 28)                         | SA Decachlor... | 7.974 | 8.954 | 181.2E6 | 52730084 | 14.932 | 17.323 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.742 | 4.314 | 737.0E6 | 161.5E6  | 50.860 | 50.122 |
| 3)                          | MA gamma-BHC... | 4.017 | 4.597 | 699.0E6 | 155.1E6  | 53.132 | 49.274 |
| 4)                          | MA Heptachlor   | 4.301 | 5.098 | 772.7E6 | 170.1E6  | 51.043 | 48.492 |
| 5)                          | MB Aldrin       | 4.539 | 5.401 | 747.4E6 | 162.7E6  | 51.717 | 49.623 |
| 6)                          | B beta-BHC      | 4.272 | 4.774 | 295.8E6 | 73271104 | 51.806 | 50.275 |
| 7)                          | B delta-BHC     | 4.465 | 4.987 | 712.4E6 | 146.2E6  | 47.913 | 46.702 |
| 8)                          | B Heptachlor... | 4.975 | 5.788 | 665.7E6 | 152.5E6  | 47.596 | 45.193 |
| 9)                          | A Endosulfan I  | 5.305 | 6.142 | 637.6E6 | 143.9E6  | 47.429 | 44.499 |
| 10)                         | B gamma-Chl...  | 5.197 | 6.021 | 694.6E6 | 156.6E6  | 46.519 | 42.898 |
| 11)                         | B alpha-Chl...  | 5.253 | 6.093 | 672.7E6 | 154.9E6  | 46.483 | 44.887 |
| 12)                         | B 4,4'-DDE      | 5.420 | 6.253 | 690.6E6 | 158.9E6  | 50.462 | 45.134 |
| 13)                         | MA Dieldrin     | 5.544 | 6.399 | 689.5E6 | 151.2E6  | 45.346 | 44.151 |
| 14)                         | MA Endrin       | 5.796 | 6.615 | 616.4E6 | 133.7E6  | 42.261 | 44.204 |
| 15)                         | B Endosulfa...  | 6.071 | 6.828 | 542.7E6 | 137.8E6  | 39.006 | 41.793 |
| 16)                         | A 4,4'-DDD      | 5.930 | 6.744 | 512.1E6 | 122.1E6  | 41.820 | 45.087 |
| 17)                         | MA 4,4'-DDT     | 6.164 | 7.041 | 518.6E6 | 123.2E6  | 40.672 | 42.083 |
| 18)                         | B Endrin al...  | 6.238 | 6.953 | 459.6E6 | 114.7E6  | 39.507 | 40.593 |
| 19)                         | B Endosulfa...  | 6.450 | 7.175 | 559.9E6 | 129.8E6  | 43.042 | 42.040 |
| 20)                         | A Methoxychlor  | 6.709 | 7.501 | 292.5E6 | 68958077 | 43.145 | 41.115 |
| 21)                         | B Endrin ke...  | 6.931 | 7.643 | 562.8E6 | 134.7E6  | 39.785 | 42.095 |
| 22)                         | Mirex           | 7.104 | 8.091 | 406.0E6 | 102.3E6  | 38.347 | 42.050 |
| -----                       |                 |       |       |         |          |        |        |

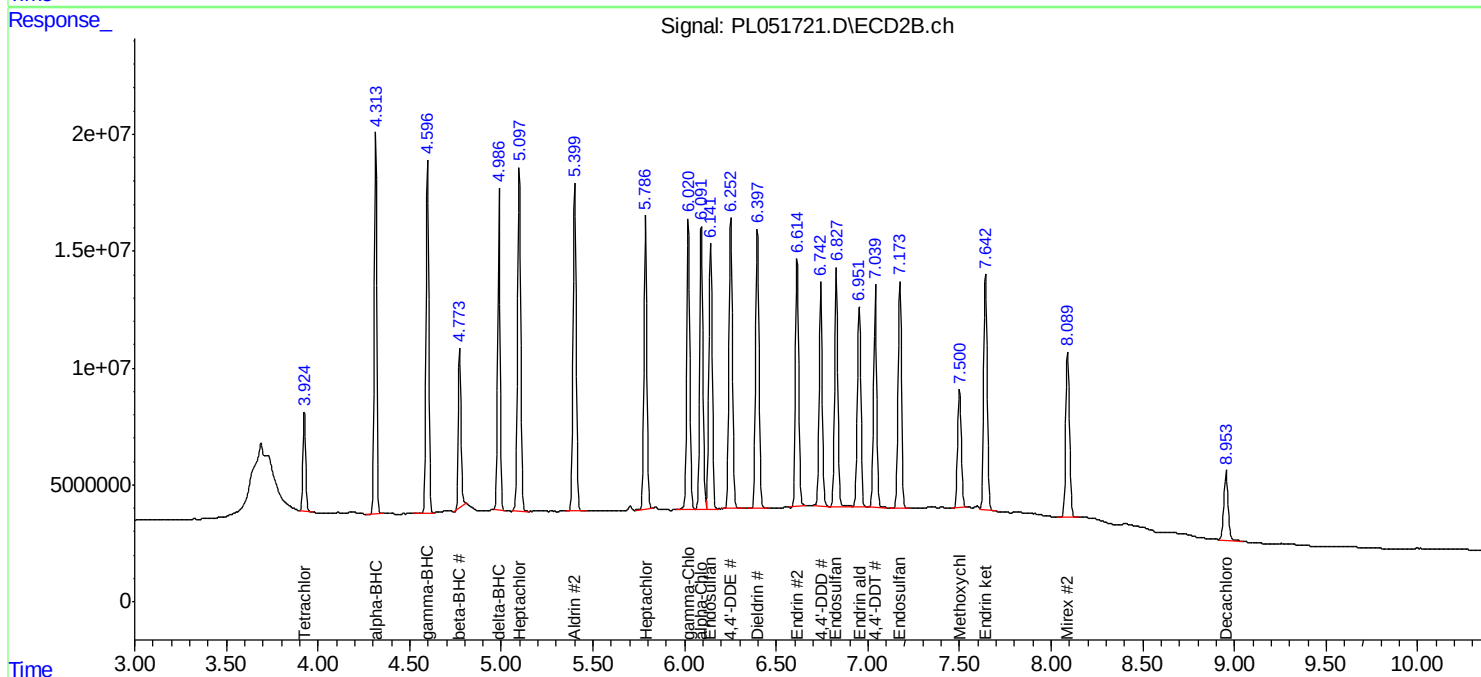
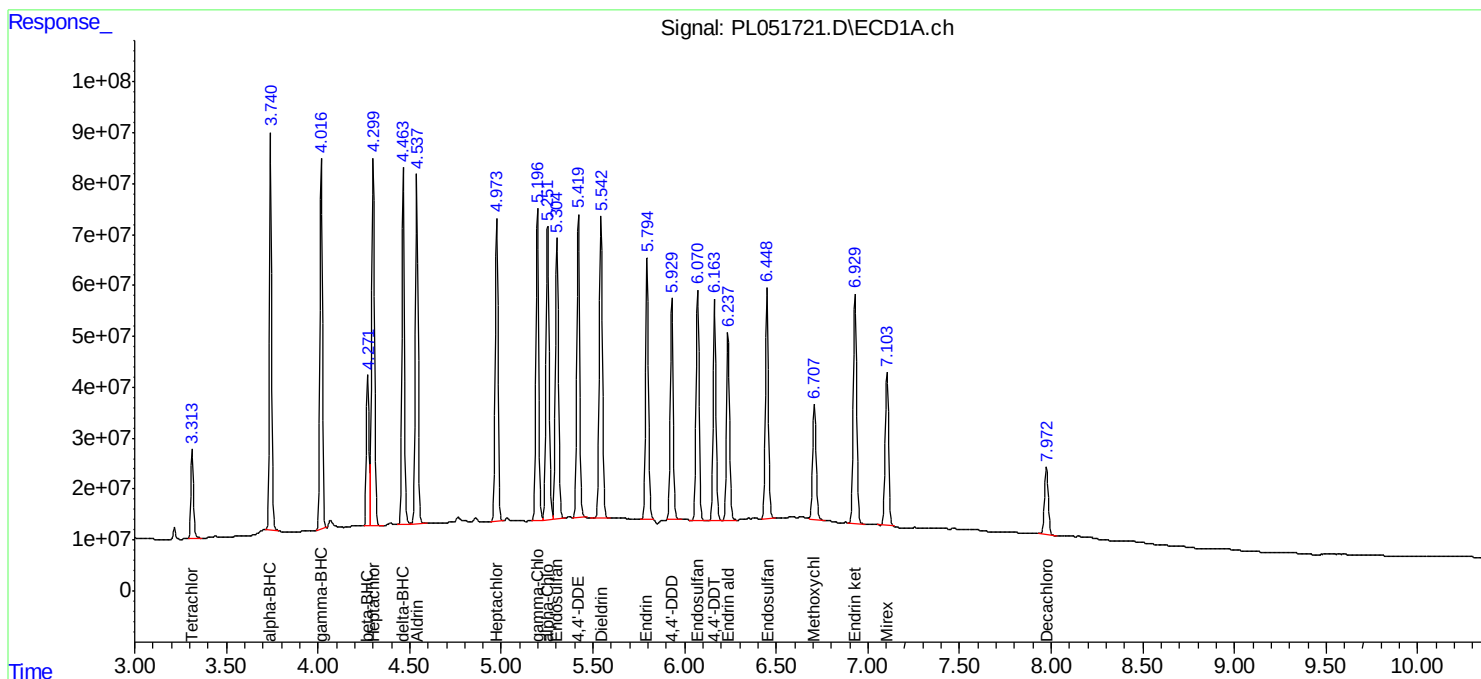
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

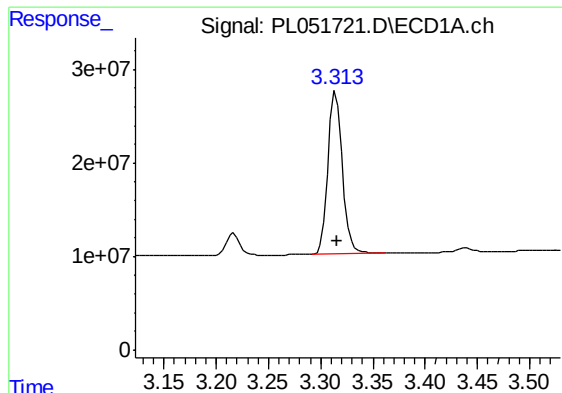
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082219\  
Data File : PL051721.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Aug 2019 17:44  
Operator : SG\AJ  
Sample : PB122409BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 00:57:13 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

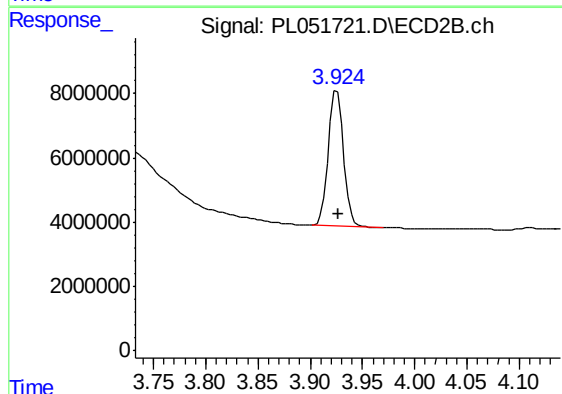




#1 Tetrachloro-m-xylene

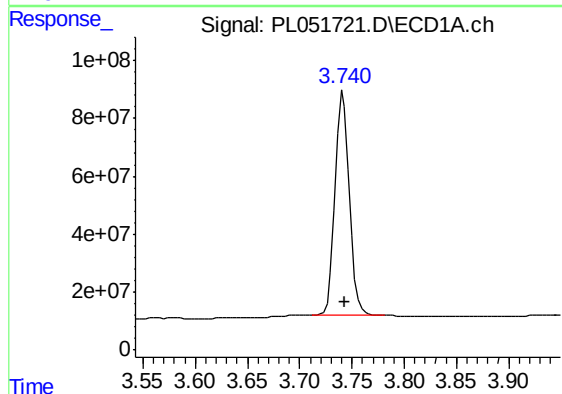
R.T.: 3.315 min  
Delta R.T.: -0.001 min  
Response: 166680001  
Conc: 19.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



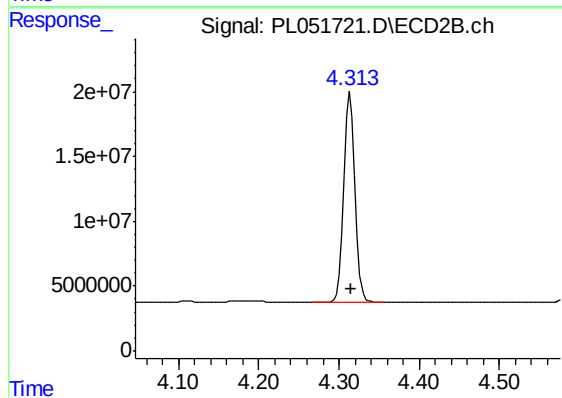
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 42978444  
Conc: 19.67 ng/ml



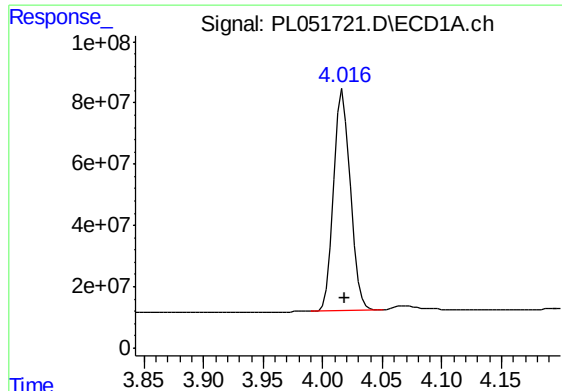
#2 alpha-BHC

R.T.: 3.742 min  
Delta R.T.: -0.001 min  
Response: 736955187  
Conc: 50.86 ng/ml



#2 alpha-BHC

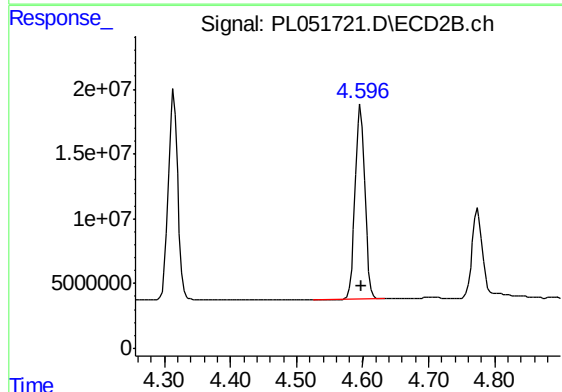
R.T.: 4.314 min  
Delta R.T.: 0.000 min  
Response: 161511306  
Conc: 50.12 ng/ml



#3 gamma-BHC (Lindane)

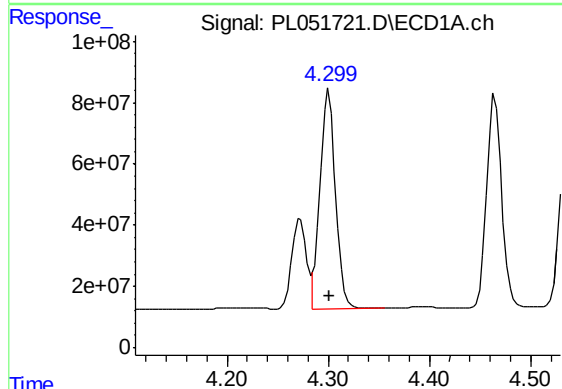
R.T.: 4.017 min  
Delta R.T.: 0.000 min  
Response: 699031651  
Conc: 53.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



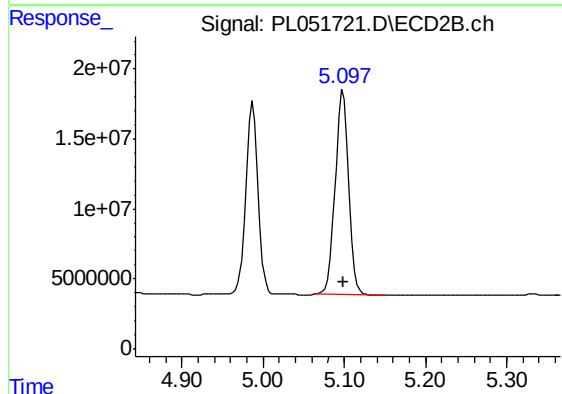
#3 gamma-BHC (Lindane)

R.T.: 4.597 min  
Delta R.T.: 0.000 min  
Response: 155130850  
Conc: 49.27 ng/ml



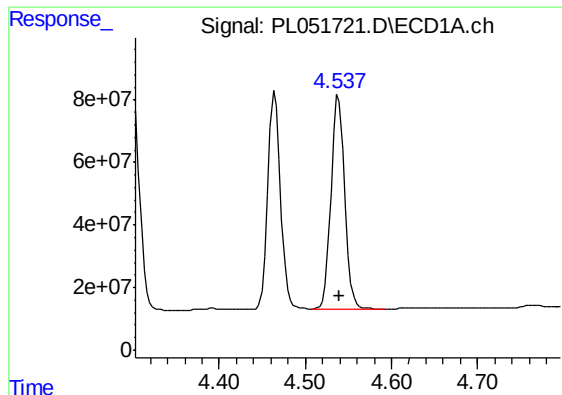
#4 Heptachlor

R.T.: 4.301 min  
Delta R.T.: 0.000 min  
Response: 772724603  
Conc: 51.04 ng/ml



#4 Heptachlor

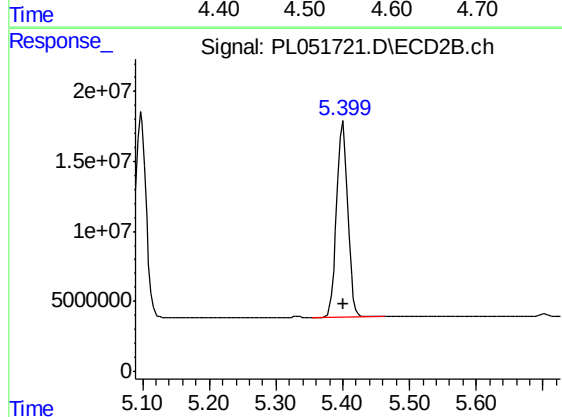
R.T.: 5.098 min  
Delta R.T.: 0.000 min  
Response: 170055538  
Conc: 48.49 ng/ml



#5 Aldrin

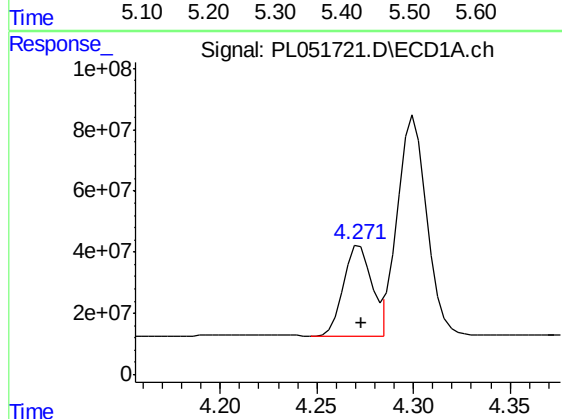
R.T.: 4.539 min  
Delta R.T.: 0.000 min  
Response: 747351082  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



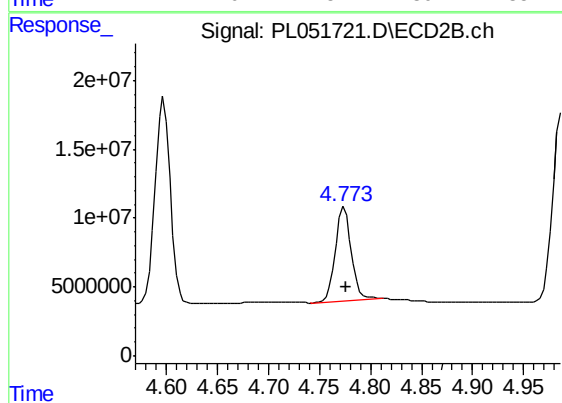
#5 Aldrin

R.T.: 5.401 min  
Delta R.T.: 0.000 min  
Response: 162709660  
Conc: 49.62 ng/ml



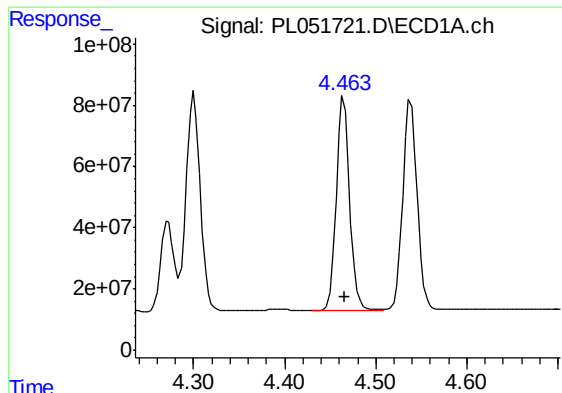
#6 beta-BHC

R.T.: 4.272 min  
Delta R.T.: 0.000 min  
Response: 295814991  
Conc: 51.81 ng/ml



#6 beta-BHC

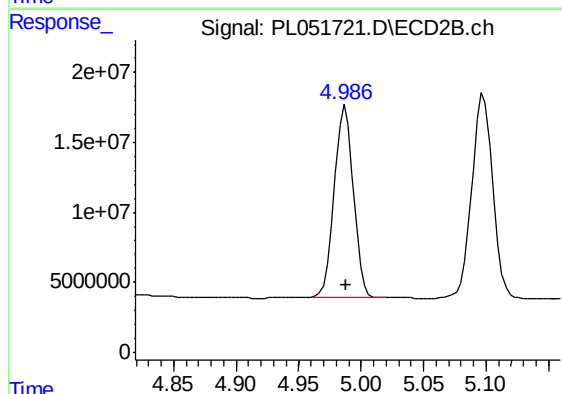
R.T.: 4.774 min  
Delta R.T.: -0.001 min  
Response: 73271104  
Conc: 50.27 ng/ml



#7 delta-BHC

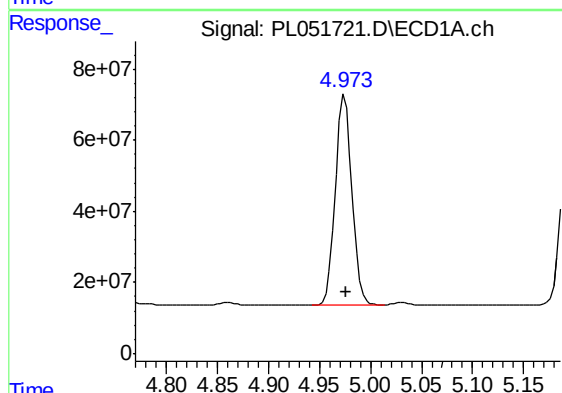
R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 712428635  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



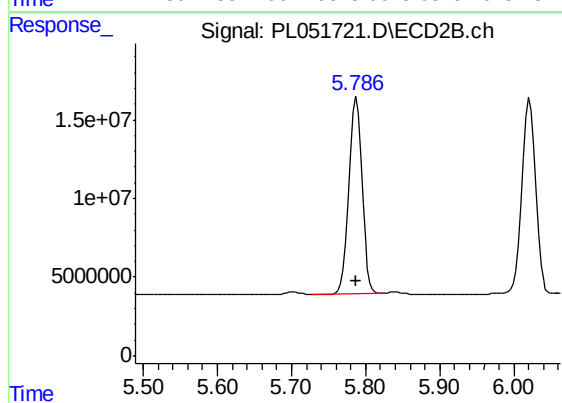
#7 delta-BHC

R.T.: 4.987 min  
Delta R.T.: 0.000 min  
Response: 146165227  
Conc: 46.70 ng/ml



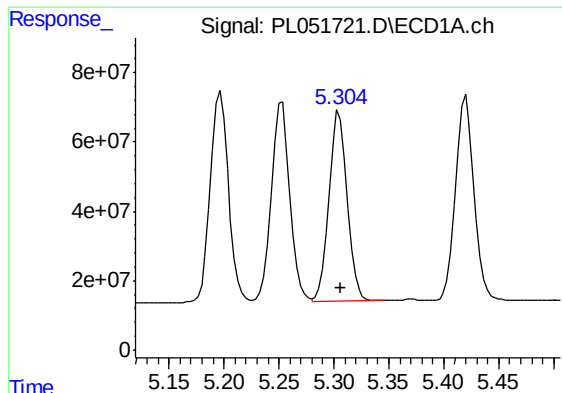
#8 Heptachlor epoxide

R.T.: 4.975 min  
Delta R.T.: 0.000 min  
Response: 665652573  
Conc: 47.60 ng/ml



#8 Heptachlor epoxide

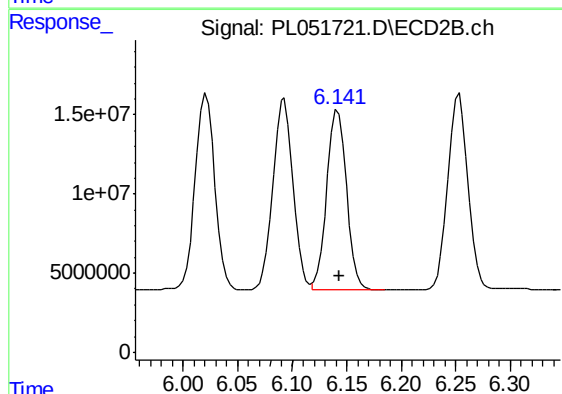
R.T.: 5.788 min  
Delta R.T.: 0.000 min  
Response: 152518021  
Conc: 45.19 ng/ml



#9 Endosulfan I

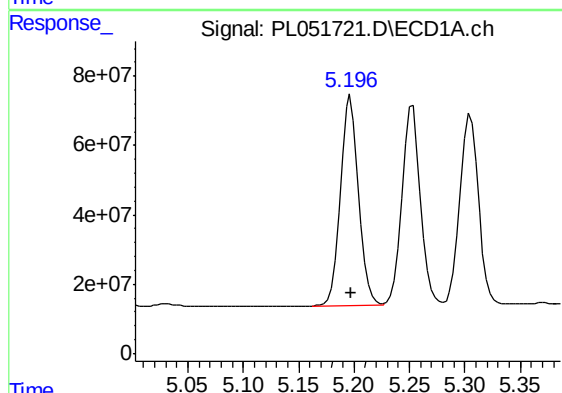
R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 637614845  
Conc: 47.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



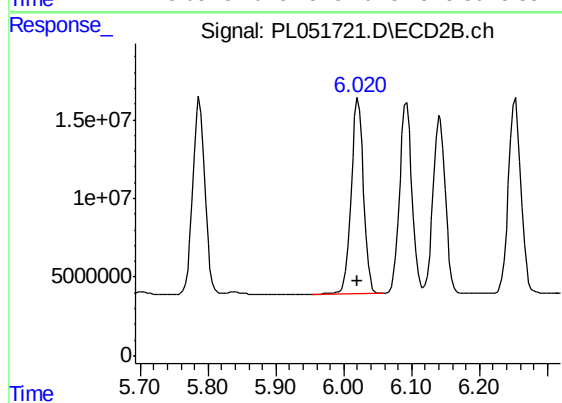
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 143874973  
Conc: 44.50 ng/ml



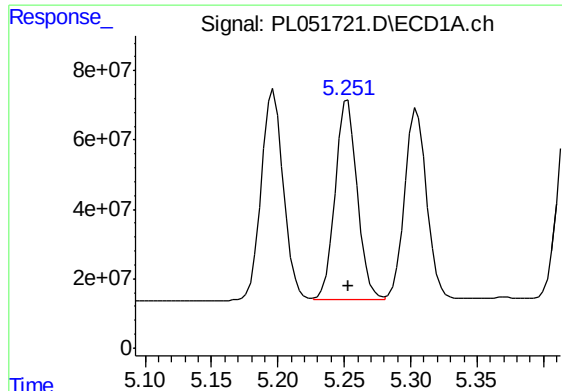
#10 gamma-Chlordane

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 694613601  
Conc: 46.52 ng/ml



#10 gamma-Chlordane

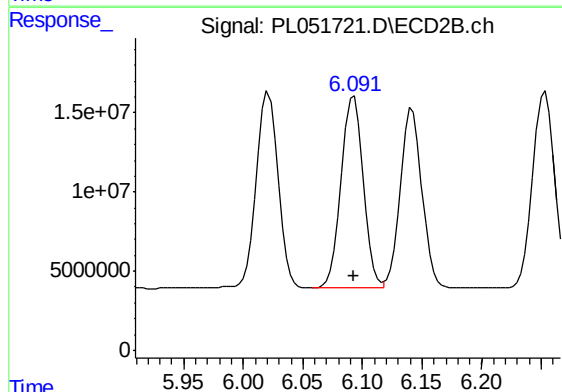
R.T.: 6.021 min  
Delta R.T.: 0.001 min  
Response: 156620508  
Conc: 42.90 ng/ml



#11 alpha-Chlordane

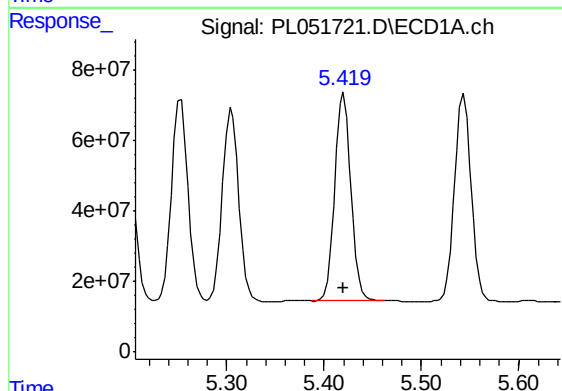
R.T.: 5.253 min  
Delta R.T.: 0.000 min  
Response: 672662802  
Conc: 46.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



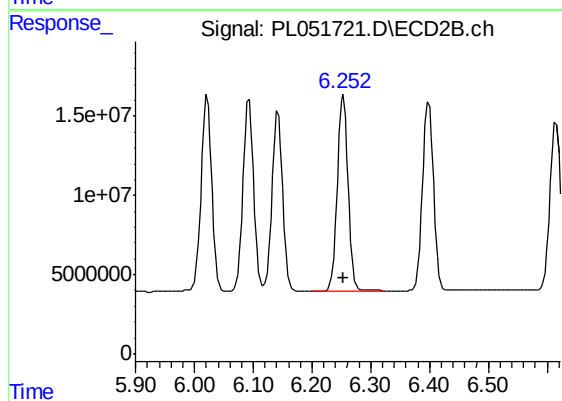
#11 alpha-Chlordane

R.T.: 6.093 min  
Delta R.T.: 0.000 min  
Response: 154904892  
Conc: 44.89 ng/ml



#12 4,4'-DDE

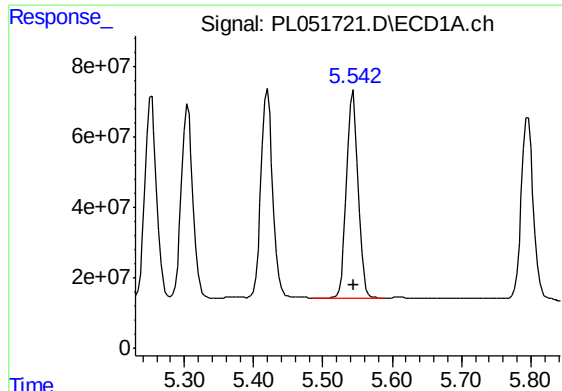
R.T.: 5.420 min  
Delta R.T.: 0.000 min  
Response: 690610575  
Conc: 50.46 ng/ml



#12 4,4'-DDE

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 158873671  
Conc: 45.13 ng/ml

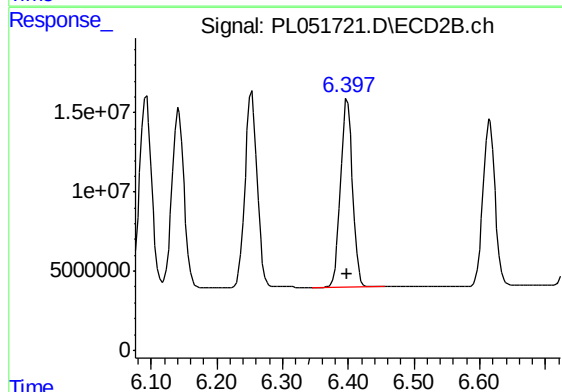




#13 Dielldrin

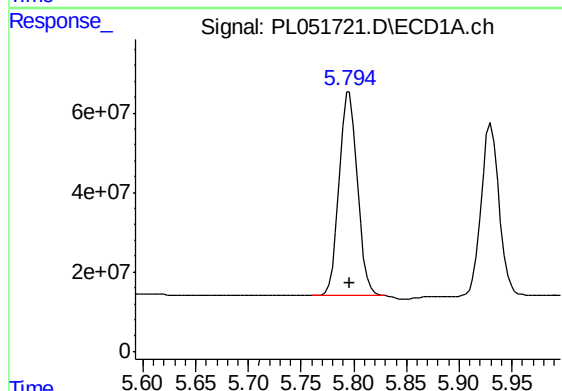
R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 689478152  
Conc: 45.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



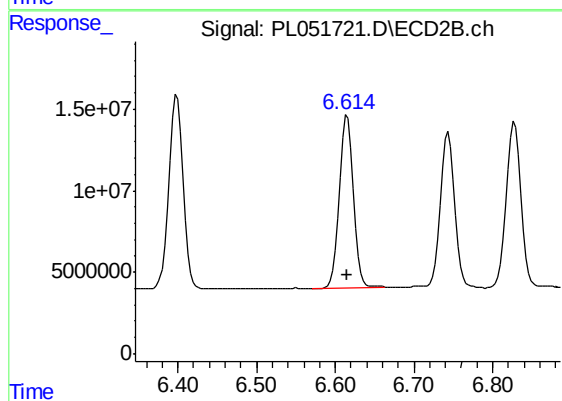
#13 Dielldrin

R.T.: 6.399 min  
Delta R.T.: 0.000 min  
Response: 151197631  
Conc: 44.15 ng/ml



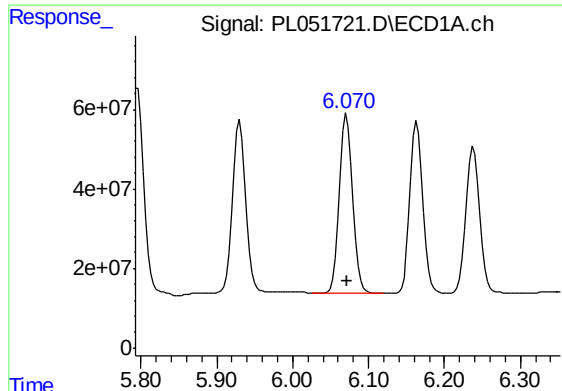
#14 Endrin

R.T.: 5.796 min  
Delta R.T.: 0.000 min  
Response: 616425877  
Conc: 42.26 ng/ml



#14 Endrin

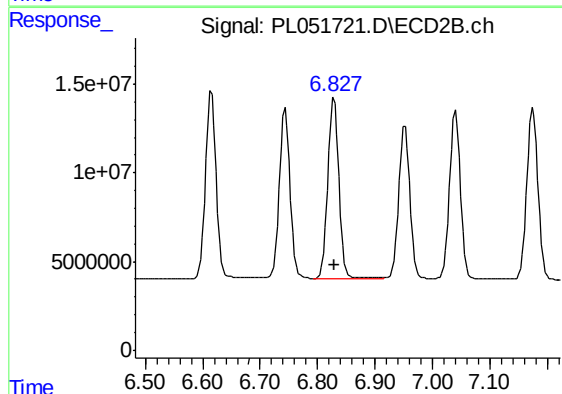
R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 133700638  
Conc: 44.20 ng/ml



#15 Endosulfan II

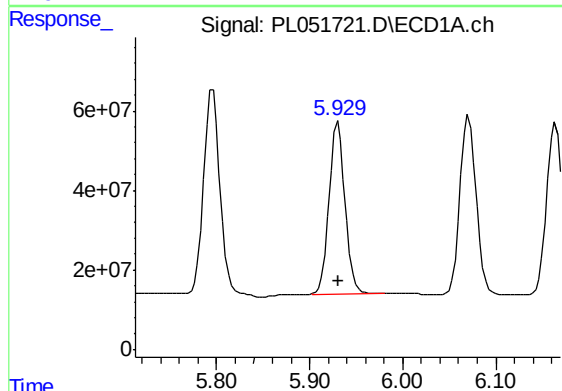
R.T.: 6.071 min  
Delta R.T.: 0.000 min  
Response: 542730403  
Conc: 39.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



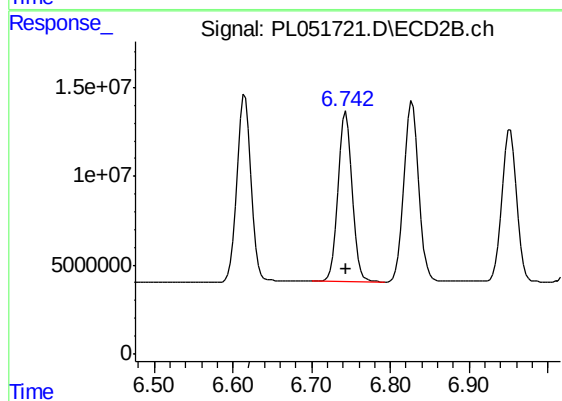
#15 Endosulfan II

R.T.: 6.828 min  
Delta R.T.: 0.000 min  
Response: 137750707  
Conc: 41.79 ng/ml



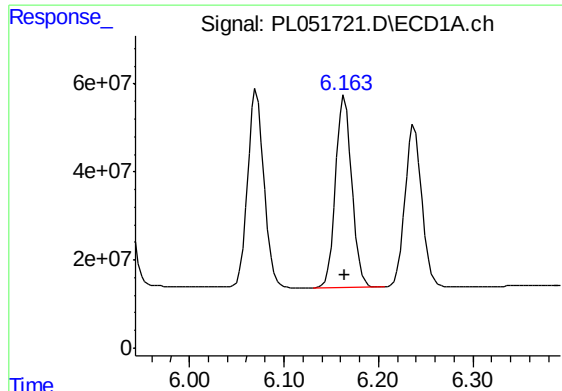
#16 4,4'-DDD

R.T.: 5.930 min  
Delta R.T.: 0.000 min  
Response: 512107262  
Conc: 41.82 ng/ml



#16 4,4'-DDD

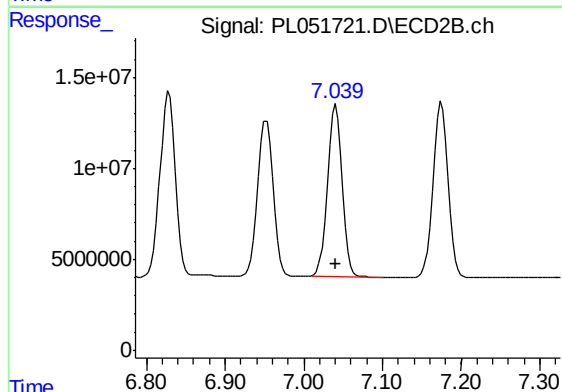
R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 122064951  
Conc: 45.09 ng/ml



#17 4,4'-DDT

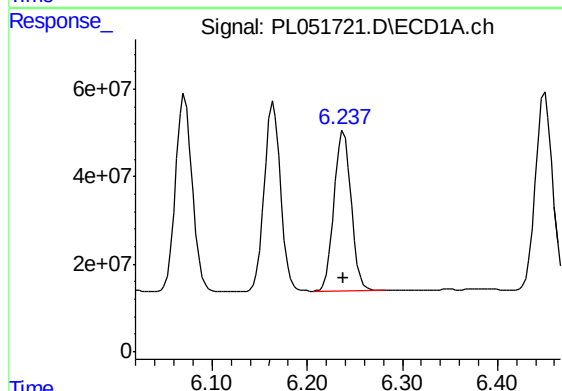
R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 518616641  
Conc: 40.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



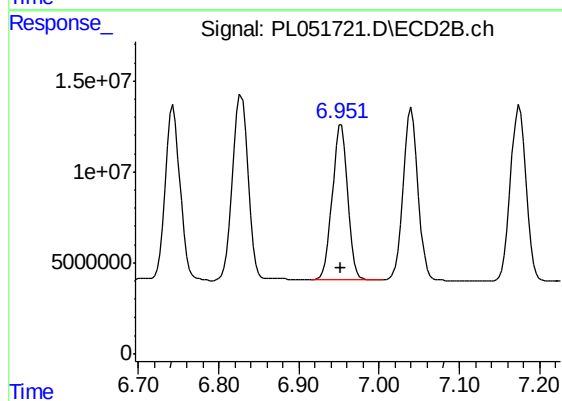
#17 4,4'-DDT

R.T.: 7.041 min  
Delta R.T.: 0.000 min  
Response: 123205653  
Conc: 42.08 ng/ml



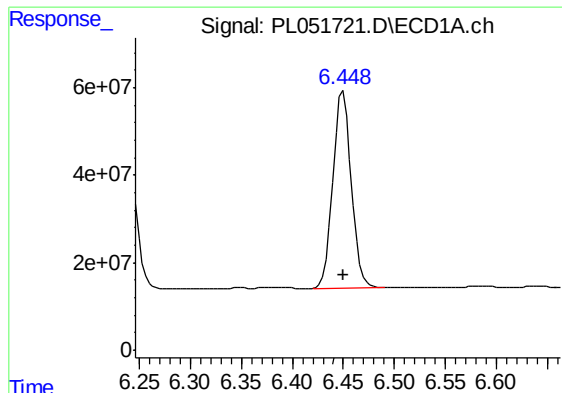
#18 Endrin aldehyde

R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 459594790  
Conc: 39.51 ng/ml



#18 Endrin aldehyde

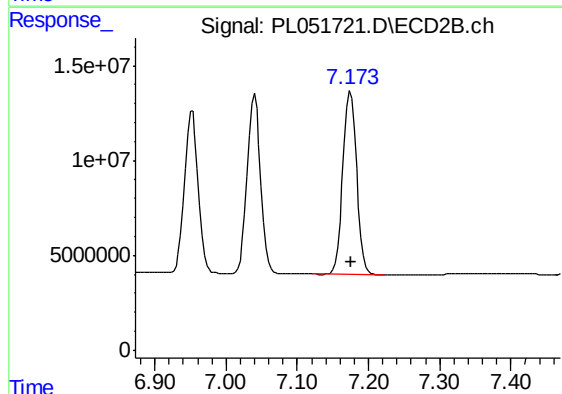
R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 114724356  
Conc: 40.59 ng/ml



#19 Endosulfan Sulfate

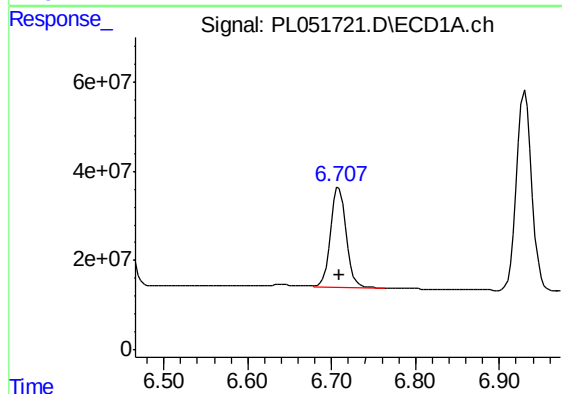
R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 559941147  
Conc: 43.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



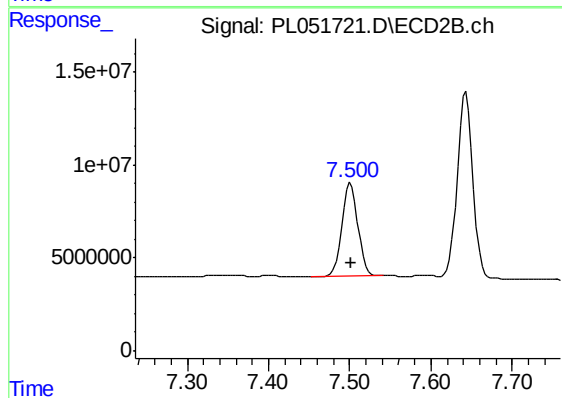
#19 Endosulfan Sulfate

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 129822527  
Conc: 42.04 ng/ml



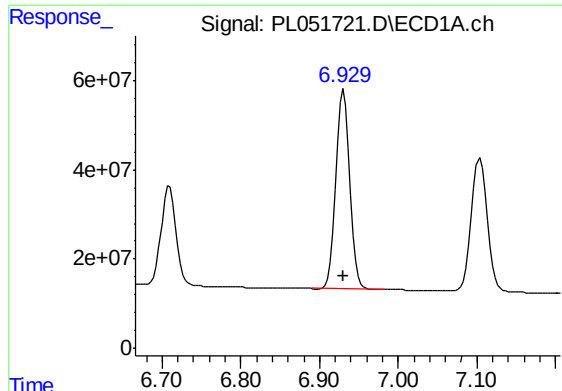
#20 Methoxychlor

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 292510988  
Conc: 43.14 ng/ml



#20 Methoxychlor

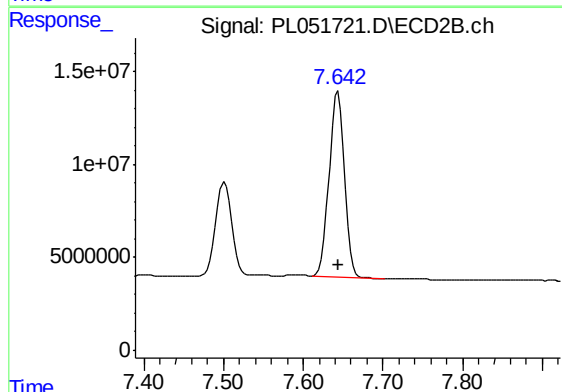
R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 68958077  
Conc: 41.11 ng/ml



#21 Endrin ketone

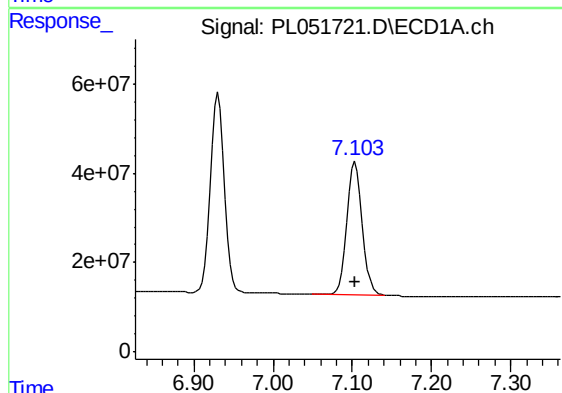
R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 562831531  
Conc: 39.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



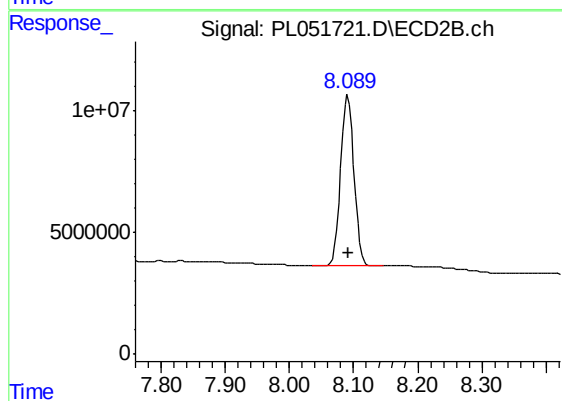
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: -0.001 min  
Response: 134683601  
Conc: 42.10 ng/ml



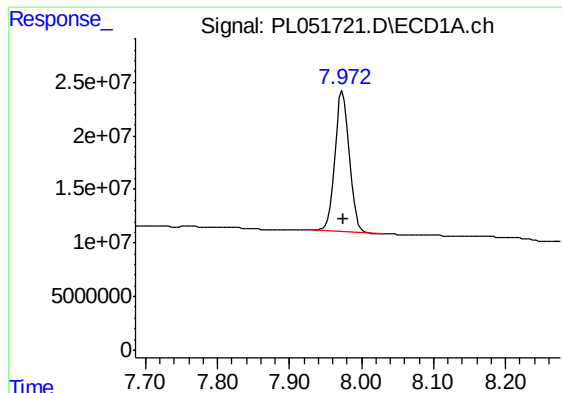
#22 Mirex

R.T.: 7.104 min  
Delta R.T.: 0.000 min  
Response: 405989678  
Conc: 38.35 ng/ml



#22 Mirex

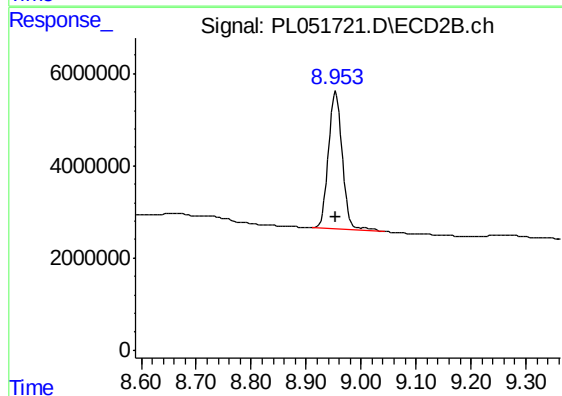
R.T.: 8.091 min  
Delta R.T.: -0.001 min  
Response: 102295670  
Conc: 42.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.974 min  
Delta R.T.: 0.000 min  
Response: 181236872  
Conc: 14.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122409BS



#28 Decachlorobiphenyl

R.T.: 8.954 min  
Delta R.T.: 0.000 min  
Response: 52730084  
Conc: 17.32 ng/ml