

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092418\  
 Data File : PL040249.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2018 15:53  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 00:52:03 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092218.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 22 05:31:14 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.249 | 3.842 | 347.9E6 | 159.9E6  | 45.730   | 48.959     |
| 28)                         | SA Decachlor... | 7.873 | 8.793 | 384.0E6 | 145.5E6  | 43.360   | 45.487     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.673 | 4.216 | 548.9E6 | 240.3E6  | 45.690   | 50.394     |
| 3)                          | MA gamma-BHC... | 3.945 | 4.493 | 529.3E6 | 222.1E6  | 47.957   | 50.292     |
| 4)                          | MA Heptachlor   | 4.223 | 4.994 | 529.9E6 | 223.8E6  | 46.118   | 50.298     |
| 5)                          | MB Aldrin       | 4.457 | 5.293 | 485.8E6 | 215.5E6  | 45.963   | 52.799     |
| 6)                          | B beta-BHC      | 4.200 | 4.656 | 196.7E6 | 95616091 | 44.759   | 48.436     |
| 7)                          | B delta-BHC     | 4.389 | 4.866 | 513.0E6 | 206.4E6  | 45.971   | 45.634     |
| 8)                          | B Heptachlo...  | 4.890 | 5.670 | 450.6E6 | 187.6E6  | 44.323   | 50.801     |
| 9)                          | A Endosulfan I  | 5.216 | 6.019 | 468.7E6 | 177.4E6  | 47.340   | 50.066     |
| 10)                         | B gamma-Chl...  | 5.110 | 5.901 | 478.9E6 | 196.4E6  | 44.344   | 51.014     |
| 11)                         | B alpha-Chl...  | 5.165 | 5.974 | 465.2E6 | 191.3E6  | 44.631   | 50.297     |
| 12)                         | B 4,4'-DDE      | 5.334 | 6.132 | 469.0E6 | 190.9E6  | 44.504   | 50.375     |
| 13)                         | MA Dieldrin     | 5.453 | 6.272 | 475.3E6 | 187.4E6  | 44.589   | 51.459     |
| 14)                         | MA Endrin       | 5.704 | 6.484 | 451.6E6 | 162.2E6  | 45.873   | 50.804     |
| 15)                         | B Endosulfa...  | 5.978 | 6.688 | 424.5E6 | 158.8E6  | 40.865   | 51.041     |
| 16)                         | A 4,4'-DDD      | 5.842 | 6.611 | 386.5E6 | 152.1E6  | 44.729   | 47.504     |
| 17)                         | MA 4,4'-DDT     | 6.074 | 6.908 | 389.9E6 | 150.9E6  | 46.126   | 52.844     |
| 18)                         | B Endrin al...  | 6.145 | 6.810 | 336.8E6 | 136.0E6  | 43.503   | 49.614     |
| 19)                         | B Endosulfa...  | 6.355 | 7.032 | 393.8E6 | 149.2E6  | 43.983   | 50.368     |
| 20)                         | A Methoxychlor  | 6.620 | 7.364 | 202.1E6 | 69282869 | 43.118   | 45.484     |
| 21)                         | B Endrin ke...  | 6.832 | 7.492 | 437.7E6 | 157.0E6  | 44.787   | 53.567     |
| 23)                         | Chlordane-1     | 0.000 | 4.866 | 0       | 206.4E6  | N.D.     | 1362.489 # |
| 24)                         | Chlordane-2     | 0.000 | 5.293 | 0       | 215.5E6  | N.D.     | 1306.361 # |
| 25)                         | Chlordane-3     | 5.110 | 5.901 | 478.9E6 | 196.4E6  | 390.601  | 367.304    |
| 26)                         | Chlordane-4     | 5.165 | 5.974 | 465.2E6 | 191.3E6  | 403.259  | 299.527 #  |
| 27)                         | Chlordane-5     | 5.978 | 6.810 | 424.5E6 | 136.0E6  | 1023.568 | 1163.935   |
| -----                       |                 |       |       |         |          |          |            |

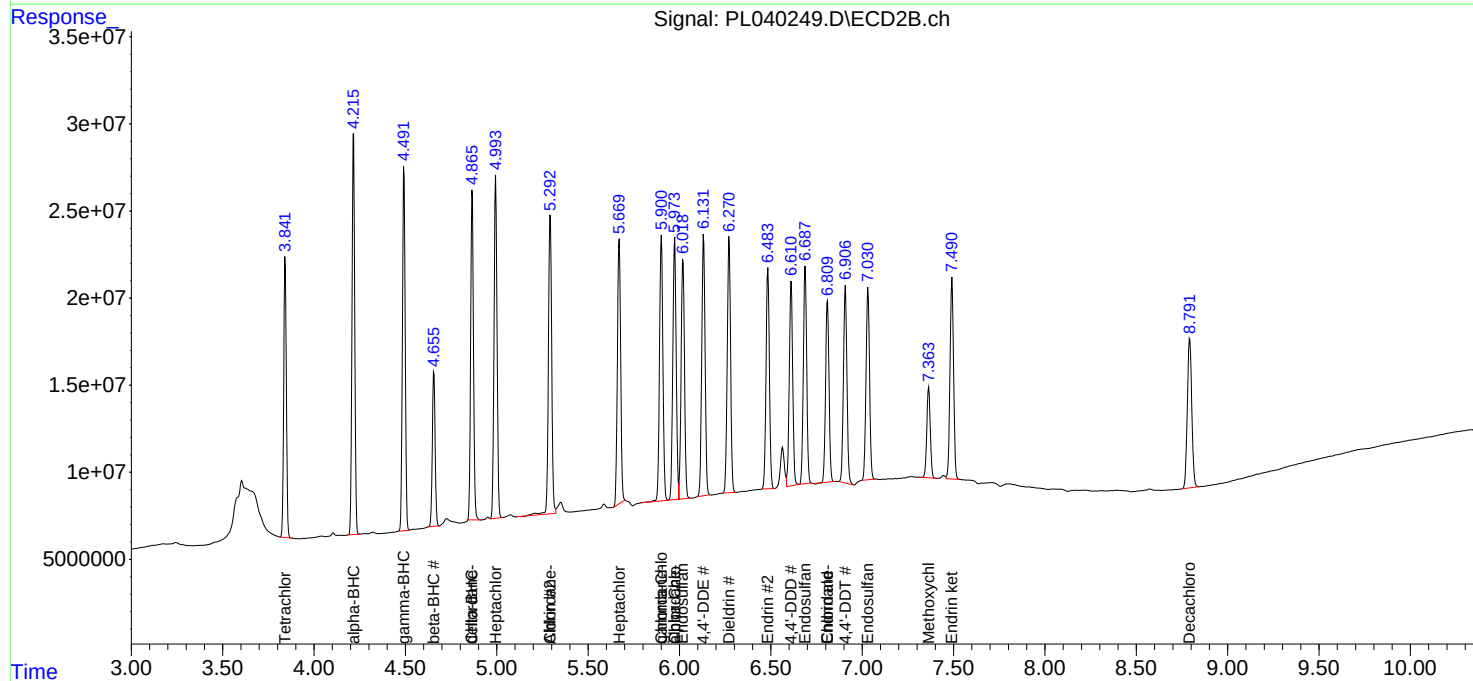
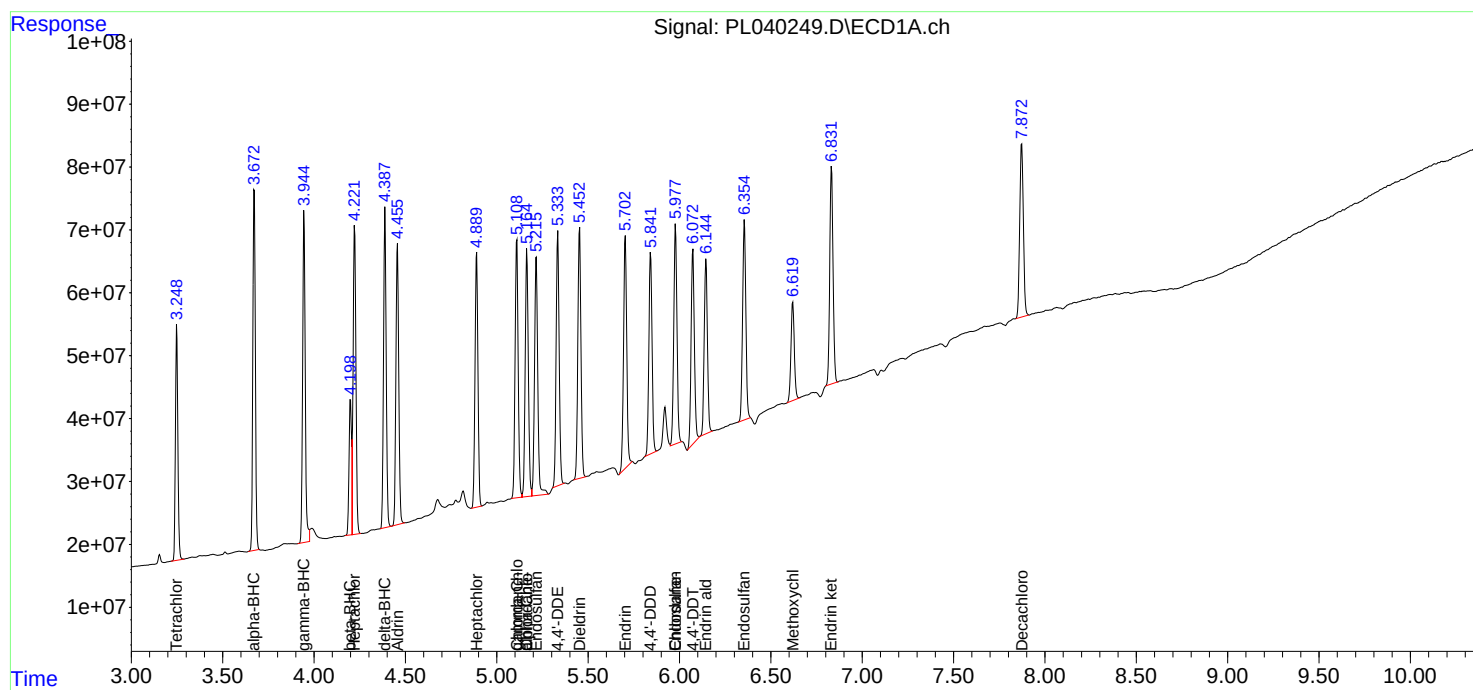
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

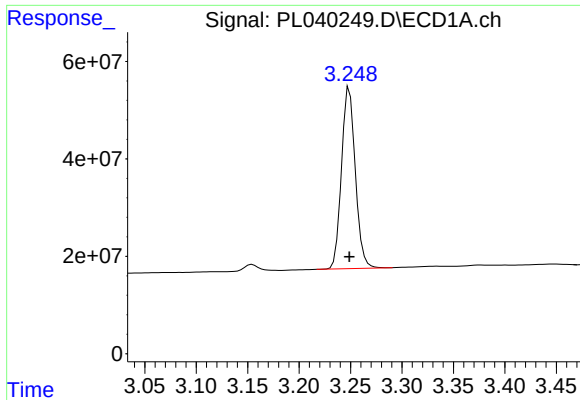
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092418\  
Data File : PL040249.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2018 15:53  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 00:52:03 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092218.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 22 05:31:14 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

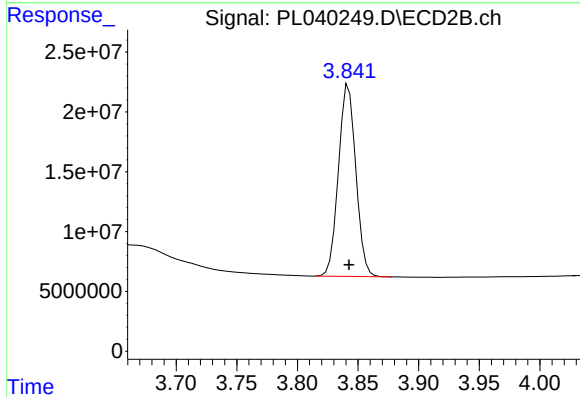




#1 Tetrachloro-m-xylene

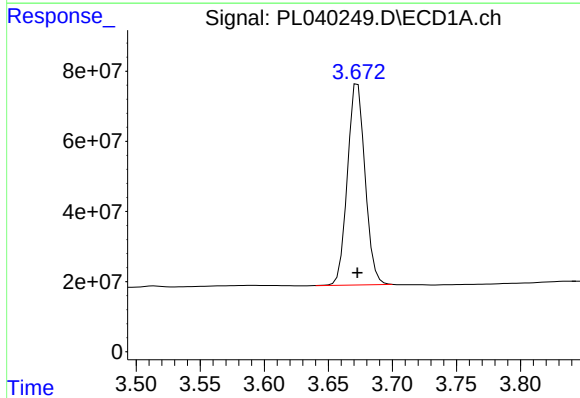
R.T.: 3.249 min  
Delta R.T.: 0.000 min  
Response: 347917790  
Conc: 45.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



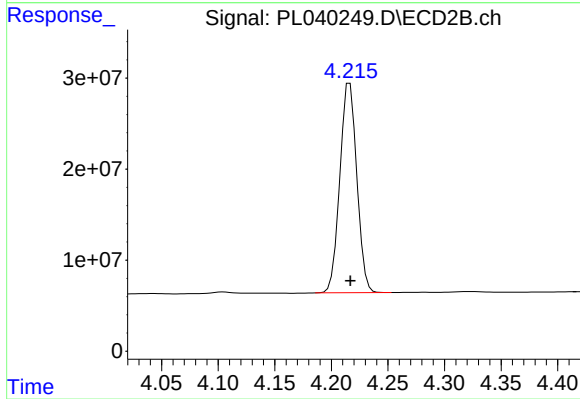
#1 Tetrachloro-m-xylene

R.T.: 3.842 min  
Delta R.T.: 0.000 min  
Response: 159882167  
Conc: 48.96 ng/ml



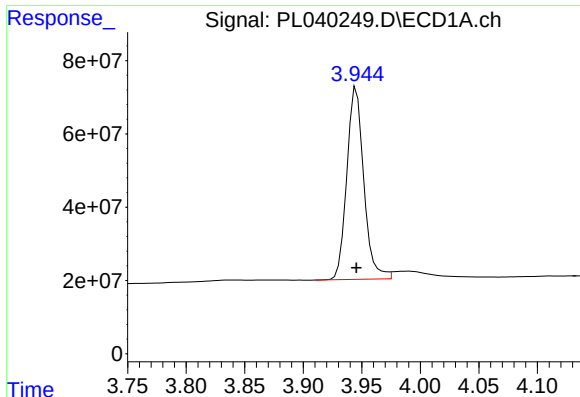
#2 alpha-BHC

R.T.: 3.673 min  
Delta R.T.: 0.000 min  
Response: 548934560  
Conc: 45.69 ng/ml



#2 alpha-BHC

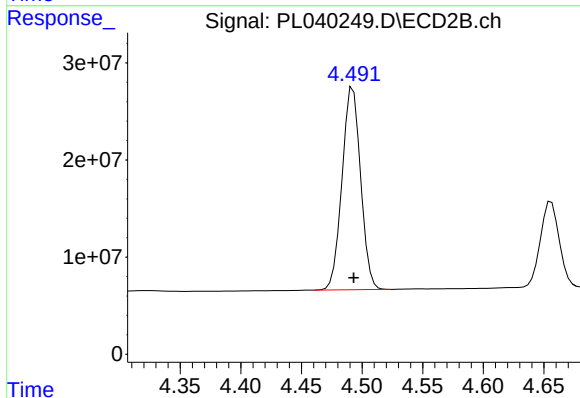
R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 240263987  
Conc: 50.39 ng/ml



#3 gamma-BHC (Lindane)

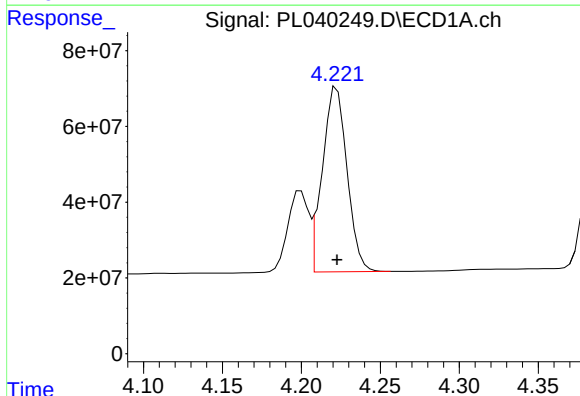
R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 529297135  
Conc: 47.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



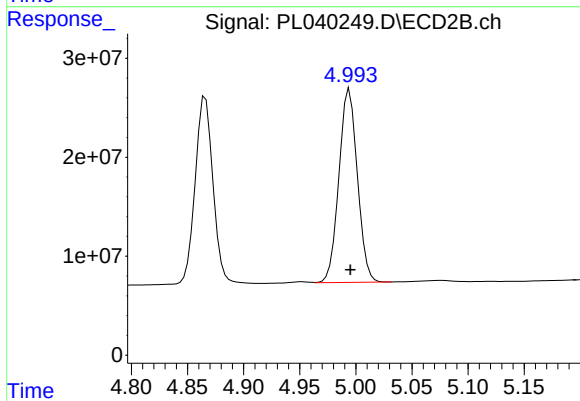
#3 gamma-BHC (Lindane)

R.T.: 4.493 min  
Delta R.T.: 0.000 min  
Response: 222055311  
Conc: 50.29 ng/ml



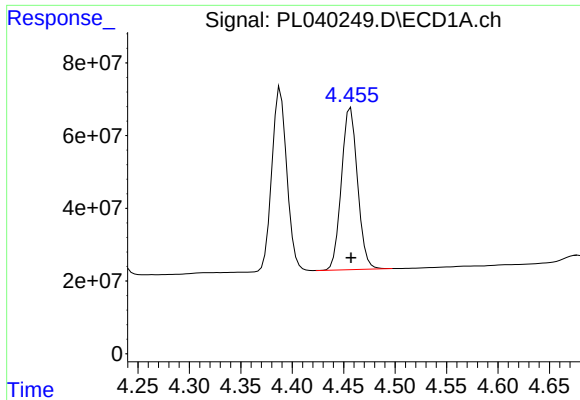
#4 Heptachlor

R.T.: 4.223 min  
Delta R.T.: 0.000 min  
Response: 529904272  
Conc: 46.12 ng/ml



#4 Heptachlor

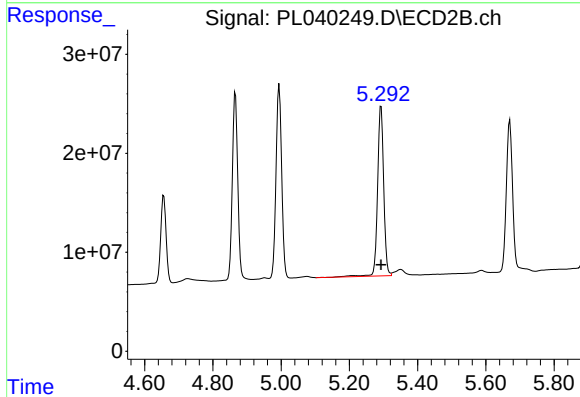
R.T.: 4.994 min  
Delta R.T.: 0.000 min  
Response: 223824971  
Conc: 50.30 ng/ml



#5 Aldrin

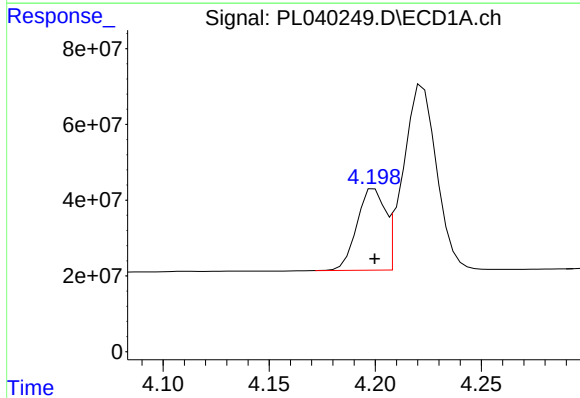
R.T.: 4.457 min  
Delta R.T.: 0.000 min  
Response: 485848611  
Conc: 45.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



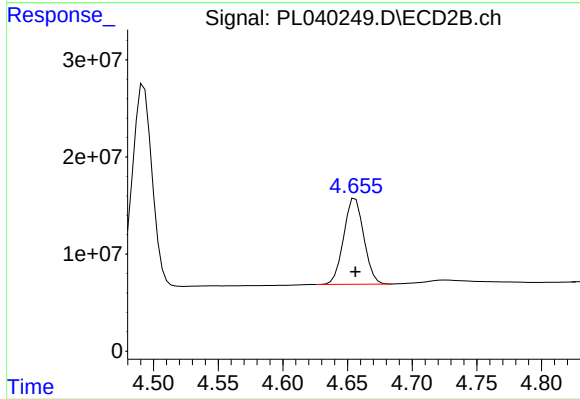
#5 Aldrin

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 215501913  
Conc: 52.80 ng/ml



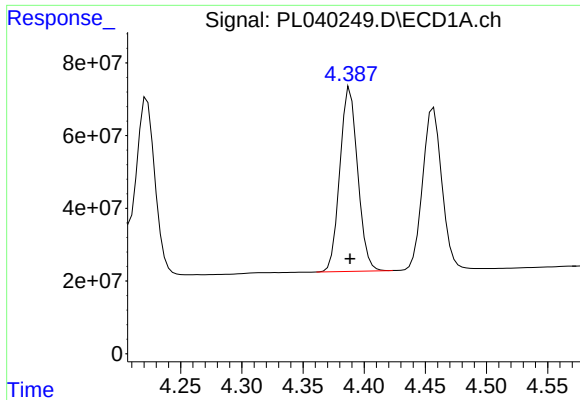
#6 beta-BHC

R.T.: 4.200 min  
Delta R.T.: 0.000 min  
Response: 196699270  
Conc: 44.76 ng/ml



#6 beta-BHC

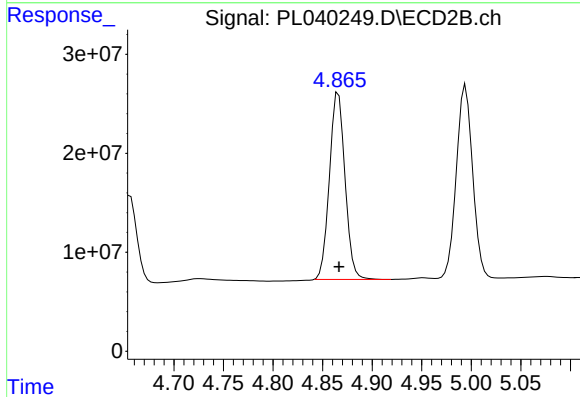
R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 95616091  
Conc: 48.44 ng/ml



#7 delta-BHC

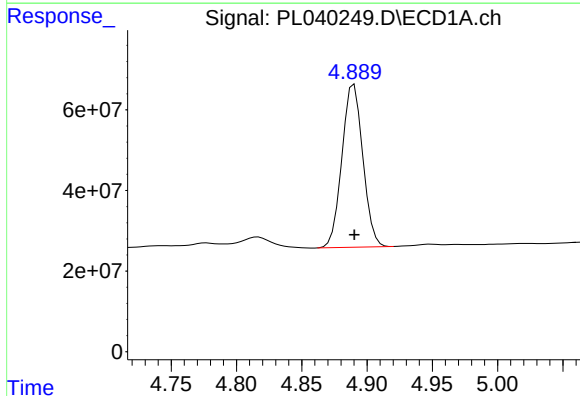
R.T.: 4.389 min  
Delta R.T.: 0.000 min  
Response: 512990234  
Conc: 45.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



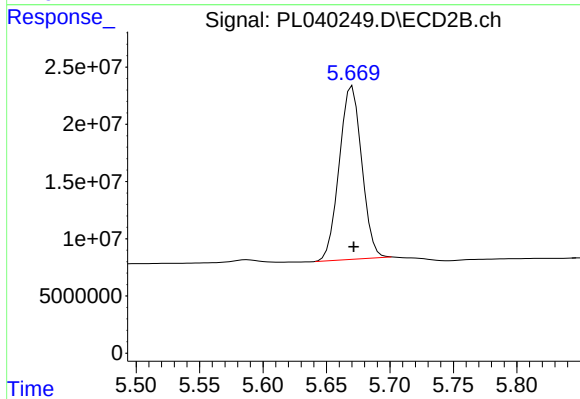
#7 delta-BHC

R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 206418555  
Conc: 45.63 ng/ml



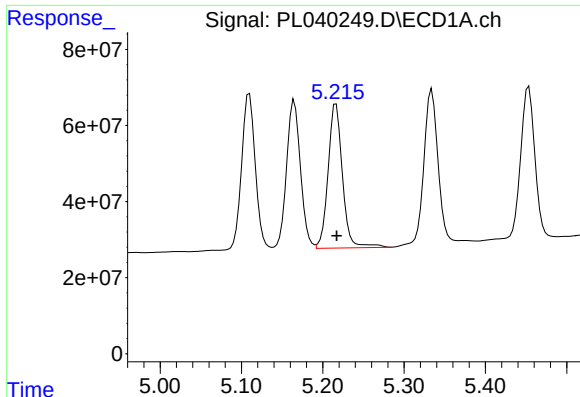
#8 Heptachlor epoxide

R.T.: 4.890 min  
Delta R.T.: 0.000 min  
Response: 450556106  
Conc: 44.32 ng/ml



#8 Heptachlor epoxide

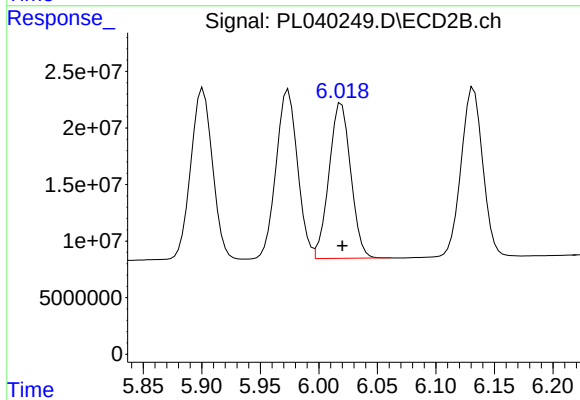
R.T.: 5.670 min  
Delta R.T.: -0.001 min  
Response: 187551595  
Conc: 50.80 ng/ml



#9 Endosulfan I

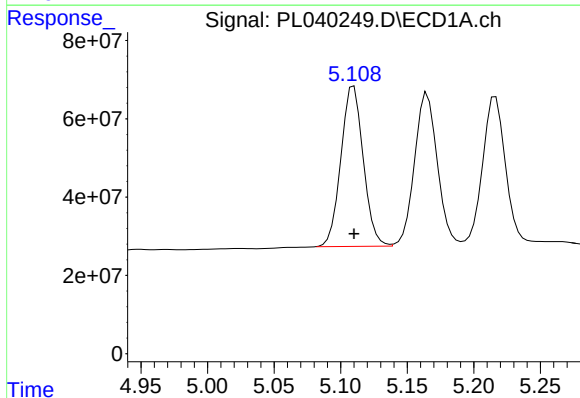
R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 468680303  
Conc: 47.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



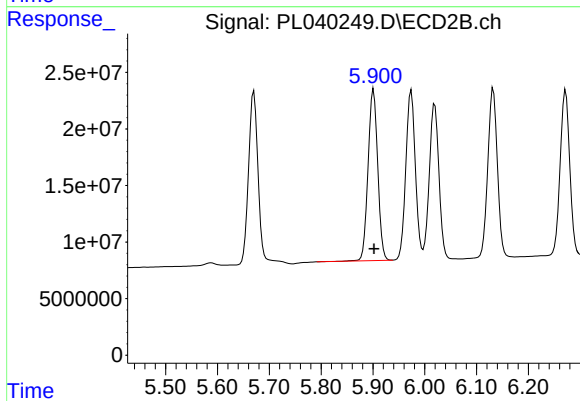
#9 Endosulfan I

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 177439235  
Conc: 50.07 ng/ml



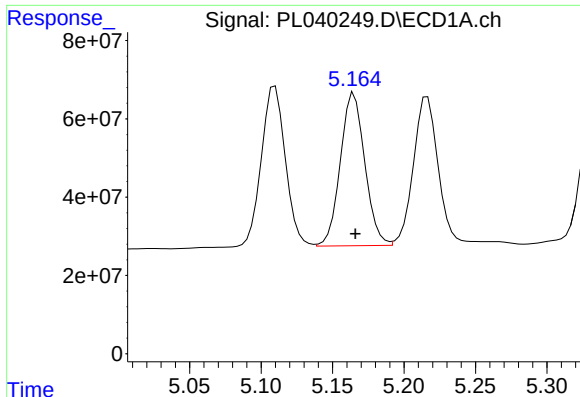
#10 gamma-Chlordane

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 478858413  
Conc: 44.34 ng/ml



#10 gamma-Chlordane

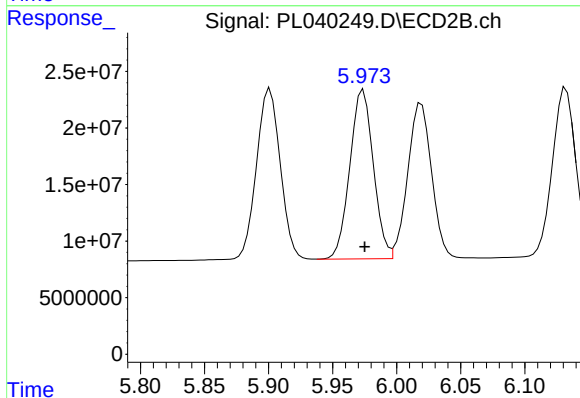
R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 196420587  
Conc: 51.01 ng/ml



#11 alpha-Chlordane

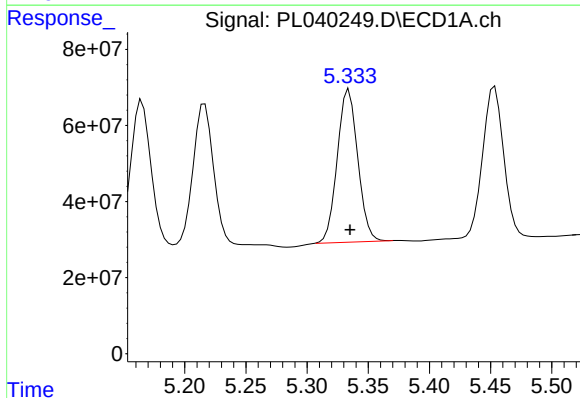
R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 465163822  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



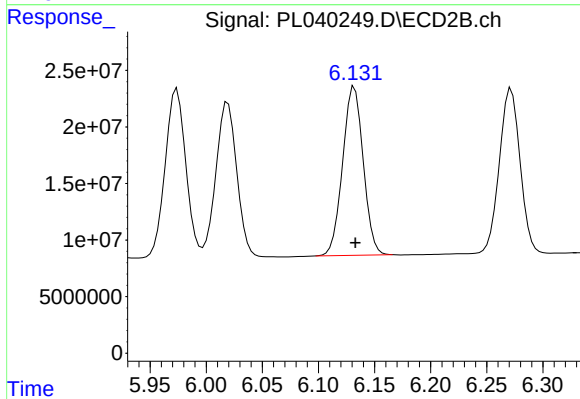
#11 alpha-Chlordane

R.T.: 5.974 min  
Delta R.T.: -0.001 min  
Response: 191277781  
Conc: 50.30 ng/ml



#12 4,4'-DDE

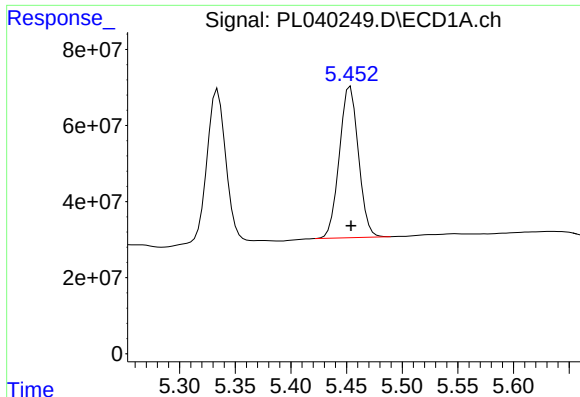
R.T.: 5.334 min  
Delta R.T.: 0.000 min  
Response: 469025475  
Conc: 44.50 ng/ml



#12 4,4'-DDE

R.T.: 6.132 min  
Delta R.T.: 0.000 min  
Response: 190897135  
Conc: 50.37 ng/ml

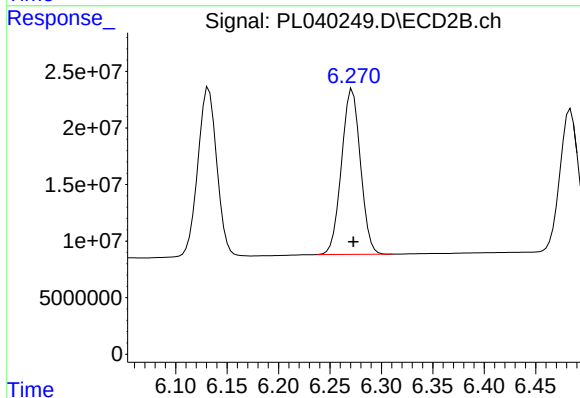




#13 Dieldrin

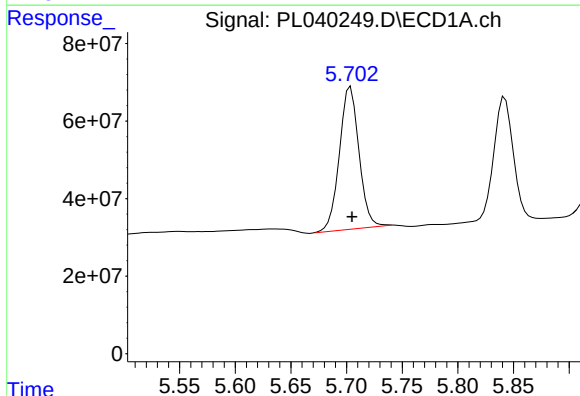
R.T.: 5.453 min  
Delta R.T.: 0.000 min  
Response: 475296007  
Conc: 44.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



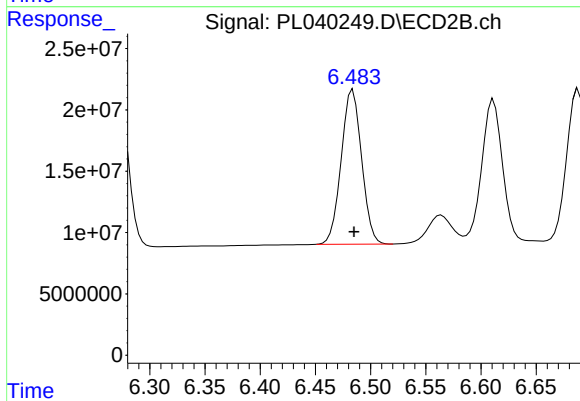
#13 Dieldrin

R.T.: 6.272 min  
Delta R.T.: 0.000 min  
Response: 187374433  
Conc: 51.46 ng/ml



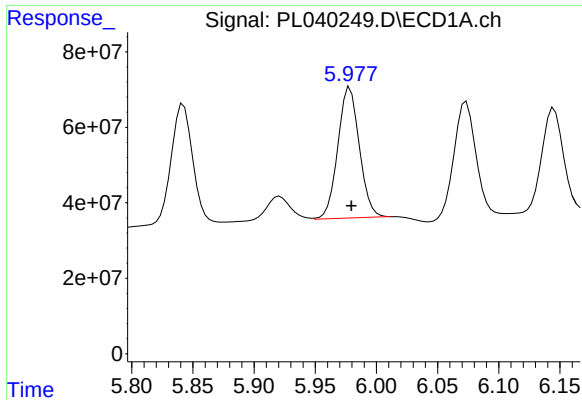
#14 Endrin

R.T.: 5.704 min  
Delta R.T.: -0.001 min  
Response: 451624567  
Conc: 45.87 ng/ml



#14 Endrin

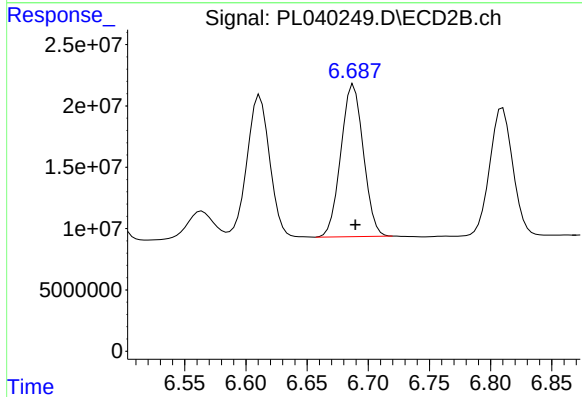
R.T.: 6.484 min  
Delta R.T.: -0.001 min  
Response: 162167279  
Conc: 50.80 ng/ml



#15 Endosulfan II

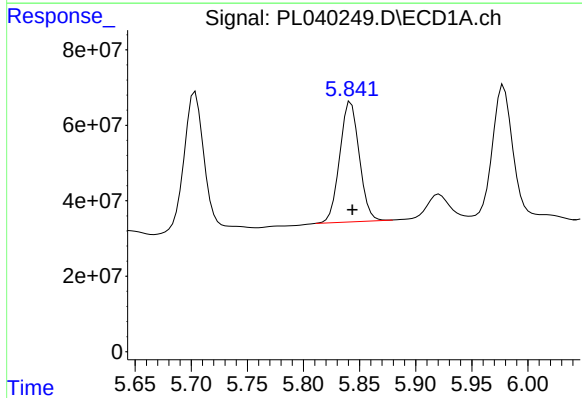
R.T.: 5.978 min  
Delta R.T.: -0.001 min  
Response: 424520358  
Conc: 40.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



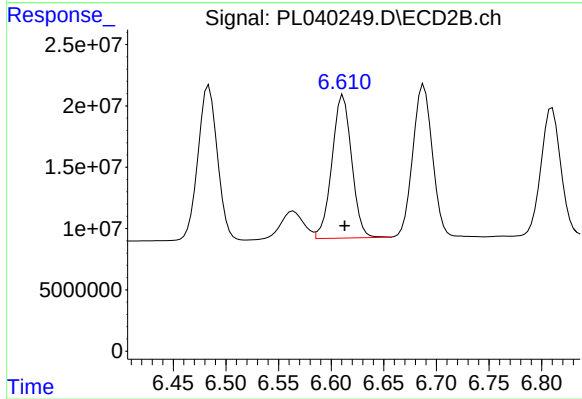
#15 Endosulfan II

R.T.: 6.688 min  
Delta R.T.: -0.002 min  
Response: 158807199  
Conc: 51.04 ng/ml



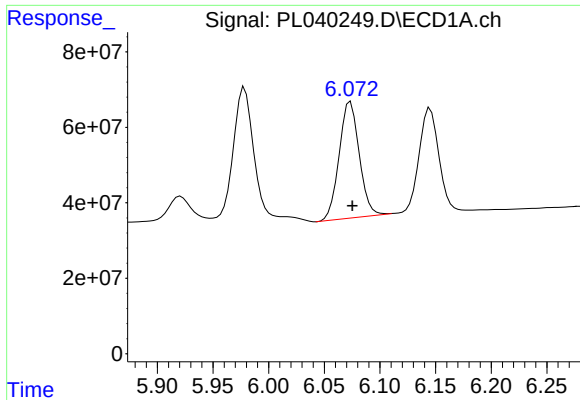
#16 4,4'-DDD

R.T.: 5.842 min  
Delta R.T.: -0.001 min  
Response: 386540990  
Conc: 44.73 ng/ml



#16 4,4'-DDD

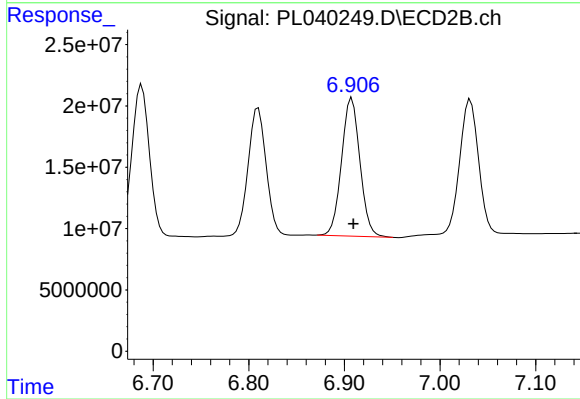
R.T.: 6.611 min  
Delta R.T.: -0.002 min  
Response: 152136837  
Conc: 47.50 ng/ml



#17 4,4'-DDT

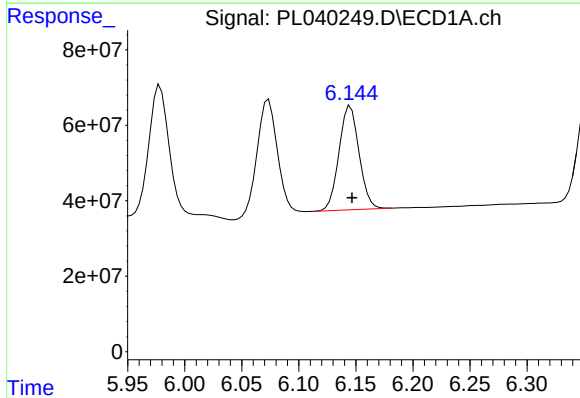
R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 389943532  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



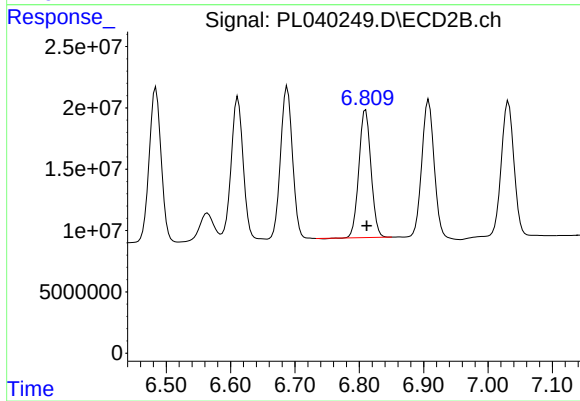
#17 4,4'-DDT

R.T.: 6.908 min  
Delta R.T.: -0.002 min  
Response: 150940676  
Conc: 52.84 ng/ml



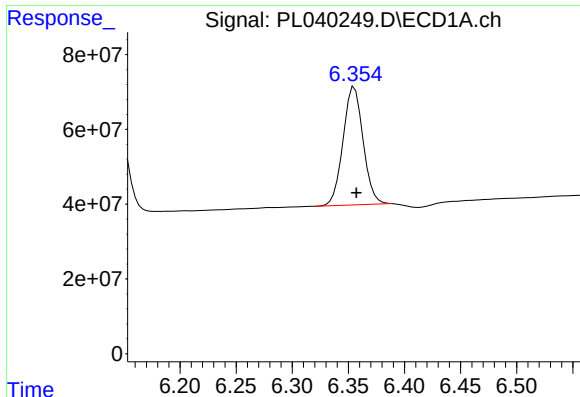
#18 Endrin aldehyde

R.T.: 6.145 min  
Delta R.T.: -0.001 min  
Response: 336837258  
Conc: 43.50 ng/ml



#18 Endrin aldehyde

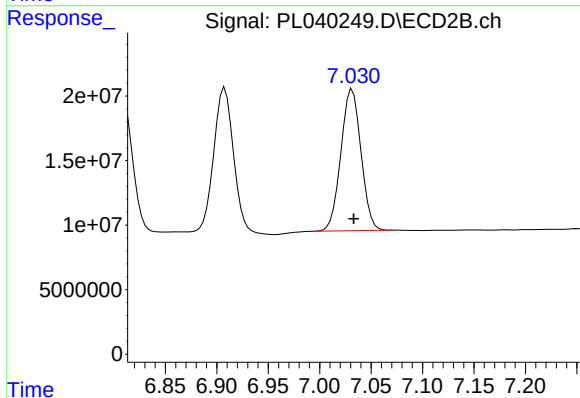
R.T.: 6.810 min  
Delta R.T.: -0.002 min  
Response: 136007364  
Conc: 49.61 ng/ml



#19 Endosulfan Sulfate

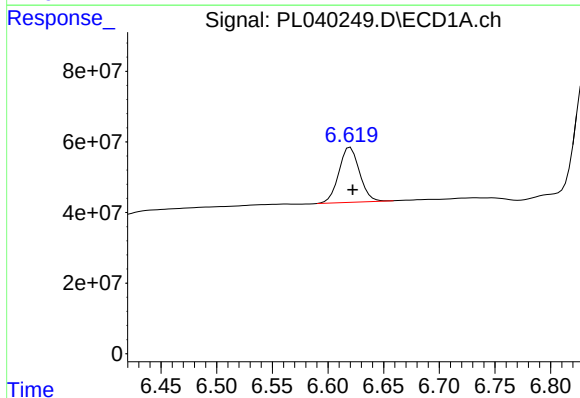
R.T.: 6.355 min  
Delta R.T.: -0.002 min  
Response: 393832423  
Conc: 43.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



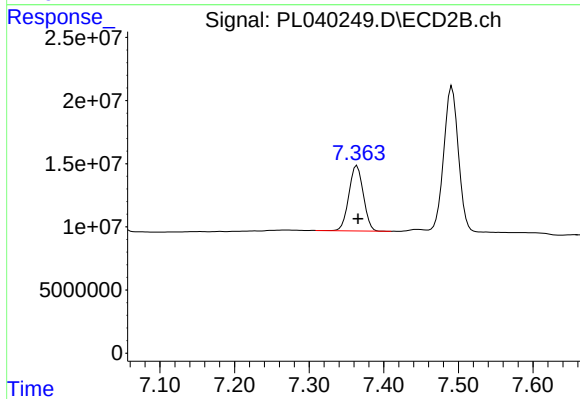
#19 Endosulfan Sulfate

R.T.: 7.032 min  
Delta R.T.: -0.002 min  
Response: 149152885  
Conc: 50.37 ng/ml



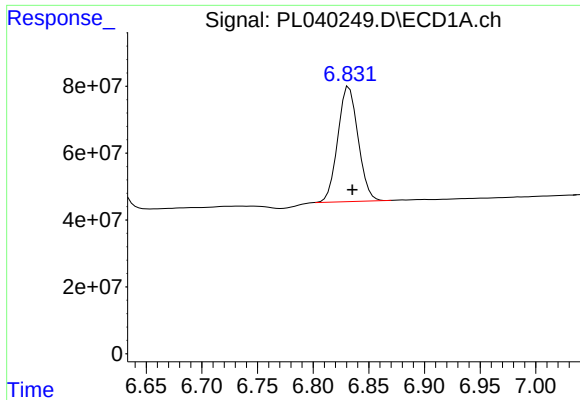
#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: -0.002 min  
Response: 202091303  
Conc: 43.12 ng/ml



#20 Methoxychlor

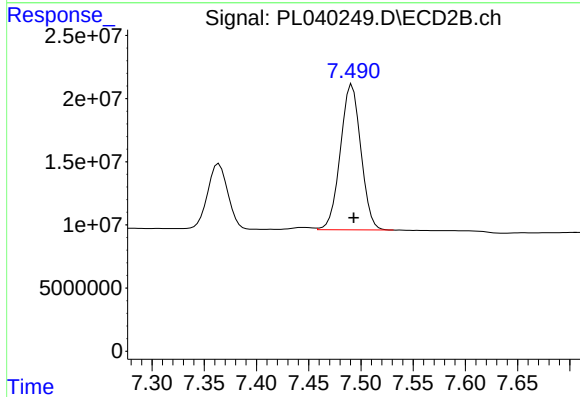
R.T.: 7.364 min  
Delta R.T.: -0.002 min  
Response: 69282869  
Conc: 45.48 ng/ml



#21 Endrin ketone

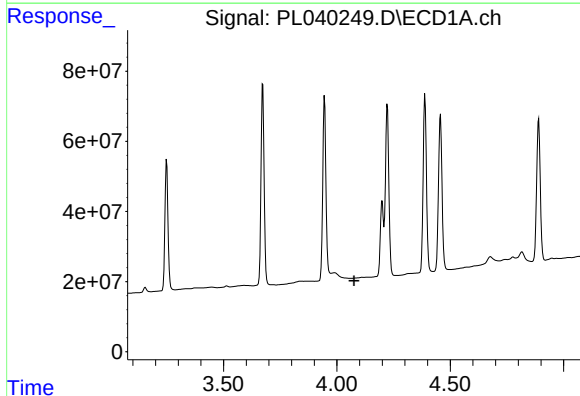
R.T.: 6.832 min  
Delta R.T.: -0.003 min  
Response: 437716244  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



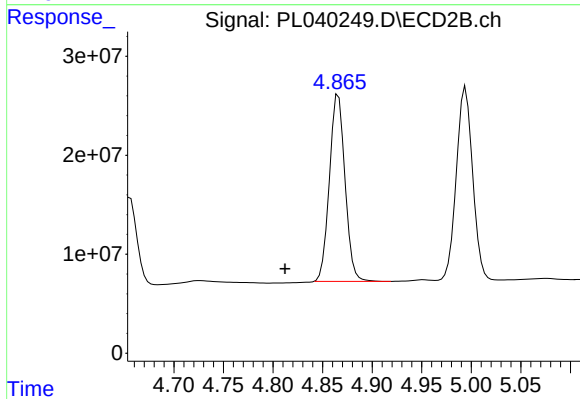
#21 Endrin ketone

R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 156992094  
Conc: 53.57 ng/ml



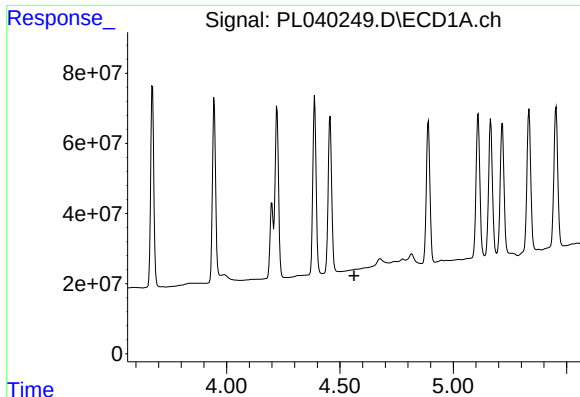
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.076 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

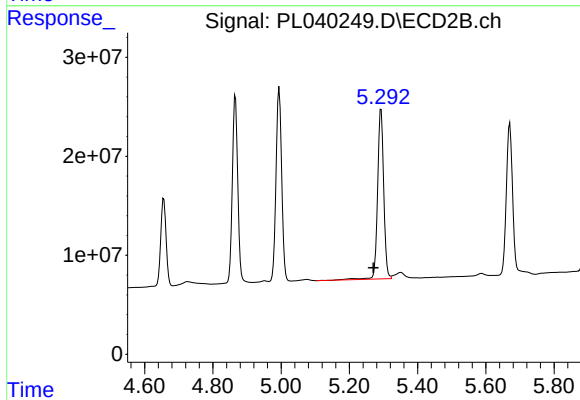
R.T.: 4.866 min  
Delta R.T.: 0.054 min  
Response: 206418555  
Conc: 1362.49 ng/ml



#24 Chlordane-2

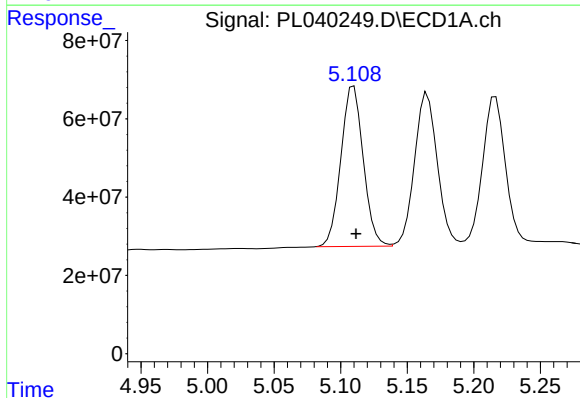
R.T.: 0.000 min  
Exp R.T.: 4.562 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



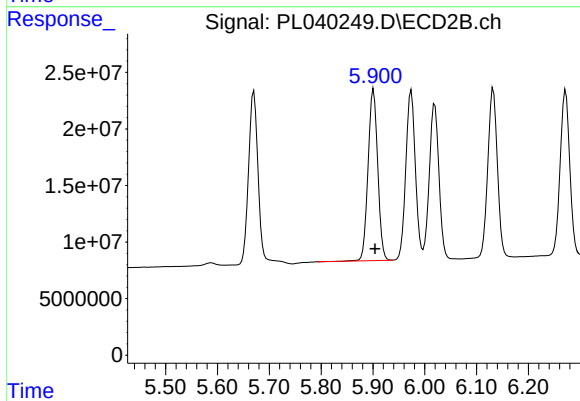
#24 Chlordane-2

R.T.: 5.293 min  
Delta R.T.: 0.023 min  
Response: 215501913  
Conc: 1306.36 ng/ml



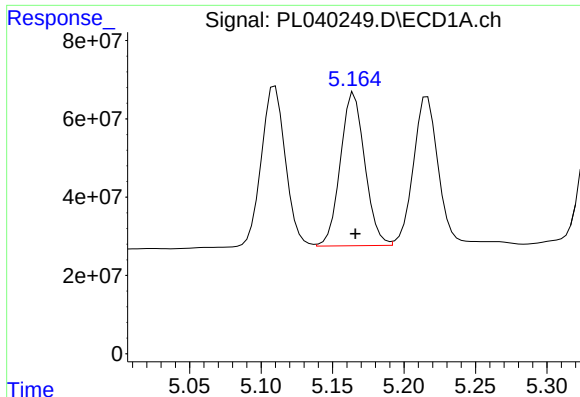
#25 Chlordane-3

R.T.: 5.110 min  
Delta R.T.: -0.002 min  
Response: 478858413  
Conc: 390.60 ng/ml



#25 Chlordane-3

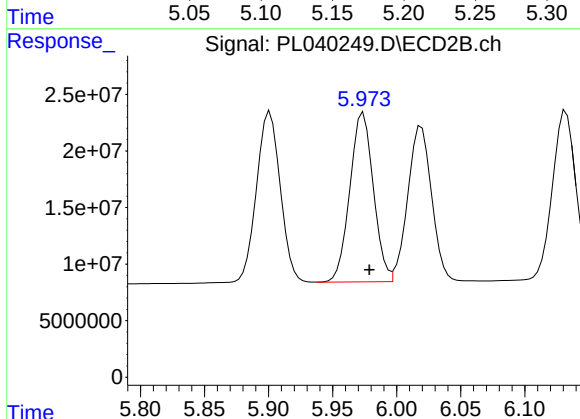
R.T.: 5.901 min  
Delta R.T.: -0.003 min  
Response: 196420587  
Conc: 367.30 ng/ml



#26 Chlordane-4

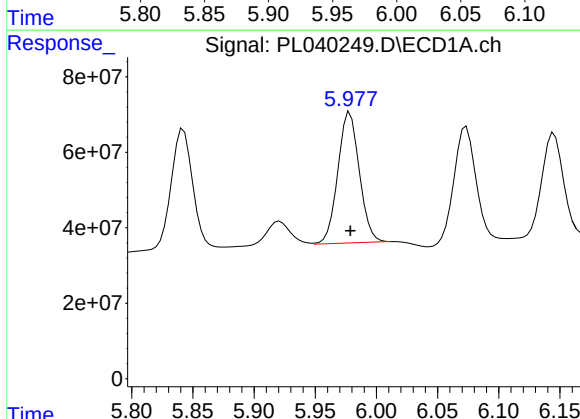
R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 465163822  
Conc: 403.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



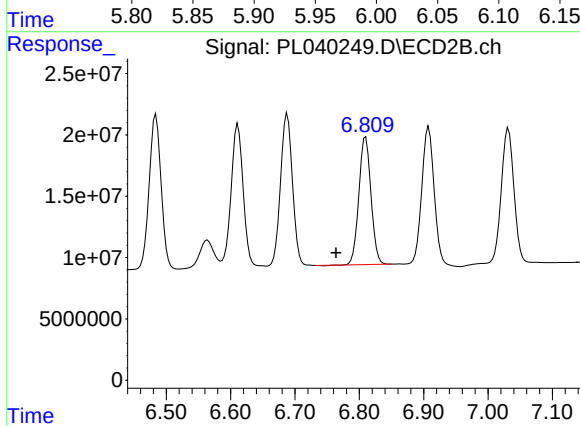
#26 Chlordane-4

R.T.: 5.974 min  
Delta R.T.: -0.005 min  
Response: 191277781  
Conc: 299.53 ng/ml



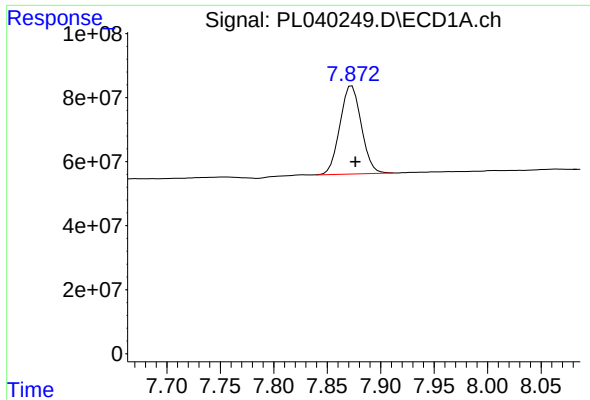
#27 Chlordane-5

R.T.: 5.978 min  
Delta R.T.: 0.000 min  
Response: 424520358  
Conc: 1023.57 ng/ml



#27 Chlordane-5

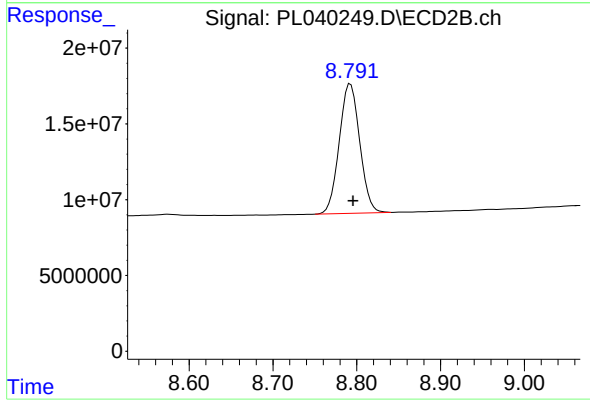
R.T.: 6.810 min  
Delta R.T.: 0.046 min  
Response: 136007364  
Conc: 1163.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.873 min  
Delta R.T.: -0.003 min  
Response: 383985409  
Conc: 43.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.793 min  
Delta R.T.: -0.003 min  
Response: 145542114  
Conc: 45.49 ng/ml