

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091718\  
 Data File : PL040050.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2018 04:19  
 Operator : AJ\SJ  
 Sample : PB112892BS  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 18 06:43:11 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091418.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 14 23:10:39 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... | 3.300 | 3.904 | 140.1E6 | 58721787 | 18.062   | 18.403     |
| 28)                         | SA Decachlor... | 7.954 | 8.892 | 159.4E6 | 60002792 | 19.133   | 22.092     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.728 | 4.282 | 648.3E6 | 257.7E6  | 51.102   | 49.804     |
| 3)                          | MA gamma-BHC... | 4.003 | 4.561 | 593.8E6 | 235.2E6  | 51.885   | 51.676     |
| 4)                          | MA Heptachlor   | 4.285 | 5.068 | 599.2E6 | 239.8E6  | 51.938   | 55.607     |
| 5)                          | MB Aldrin       | 4.521 | 5.368 | 579.4E6 | 226.3E6  | 52.571   | 52.101     |
| 6)                          | B beta-BHC      | 4.259 | 4.724 | 252.5E6 | 105.0E6  | 51.342   | 53.521     |
| 7)                          | B delta-BHC     | 4.450 | 4.936 | 619.0E6 | 235.5E6  | 52.642   | 59.192     |
| 8)                          | B Heptachlo...  | 4.958 | 5.747 | 543.9E6 | 213.1E6  | 53.380   | 53.870     |
| 9)                          | A Endosulfan I  | 5.287 | 6.099 | 513.5E6 | 187.0E6  | 51.819   | 52.649     |
| 10)                         | B gamma-Chl...  | 5.179 | 5.979 | 571.4E6 | 204.0E6  | 51.287   | 53.893     |
| 11)                         | B alpha-Chl...  | 5.234 | 6.053 | 550.7E6 | 206.1E6  | 51.545   | 52.018     |
| 12)                         | B 4,4'-DDE      | 5.404 | 6.209 | 550.5E6 | 202.6E6  | 51.939   | 53.273     |
| 13)                         | MA Dieldrin     | 5.525 | 6.352 | 578.1E6 | 198.0E6  | 52.128   | 52.023     |
| 14)                         | MA Endrin       | 5.778 | 6.566 | 512.6E6 | 162.9E6  | 49.957   | 50.027     |
| 15)                         | B Endosulfa...  | 6.053 | 6.770 | 491.1E6 | 166.8E6  | 51.257   | 50.505     |
| 16)                         | A 4,4'-DDD      | 5.914 | 6.690 | 460.8E6 | 151.7E6  | 53.151   | 52.458     |
| 17)                         | MA 4,4'-DDT     | 6.147 | 6.988 | 450.5E6 | 151.3E6  | 49.771   | 50.571     |
| 18)                         | B Endrin al...  | 6.221 | 6.892 | 396.8E6 | 142.5E6  | 51.773   | 54.279     |
| 19)                         | B Endosulfa...  | 6.432 | 7.114 | 478.0E6 | 158.0E6  | 52.152   | 53.834     |
| 20)                         | A Methoxychlor  | 6.694 | 7.444 | 246.0E6 | 79086909 | 53.066   | 53.938     |
| 21)                         | B Endrin ke...  | 6.912 | 7.577 | 530.7E6 | 160.3E6  | 54.339   | 56.253     |
| 23)                         | Chlordane-1     | 0.000 | 4.936 | 0       | 235.5E6  | N.D.     | 1520.544 # |
| 24)                         | Chlordane-2     | 0.000 | 5.368 | 0       | 226.3E6  | N.D.     | 1484.737 # |
| 25)                         | Chlordane-3     | 5.179 | 5.979 | 571.4E6 | 204.0E6  | 465.680  | 398.417    |
| 26)                         | Chlordane-4     | 5.234 | 6.053 | 550.7E6 | 206.1E6  | 502.316  | 332.916 #  |
| 27)                         | Chlordane-5     | 6.053 | 6.892 | 491.1E6 | 142.5E6  | 1324.593 | 1228.413   |
| -----                       |                 |       |       |         |          |          |            |

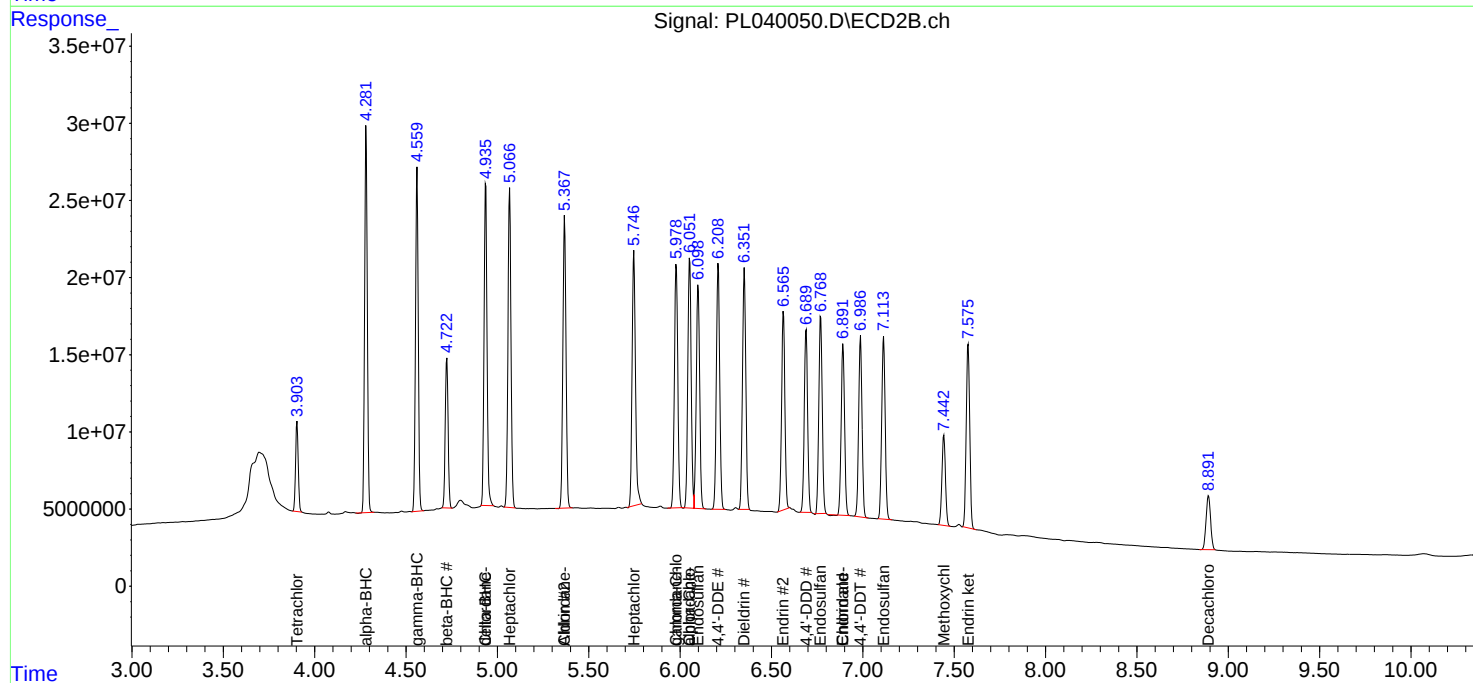
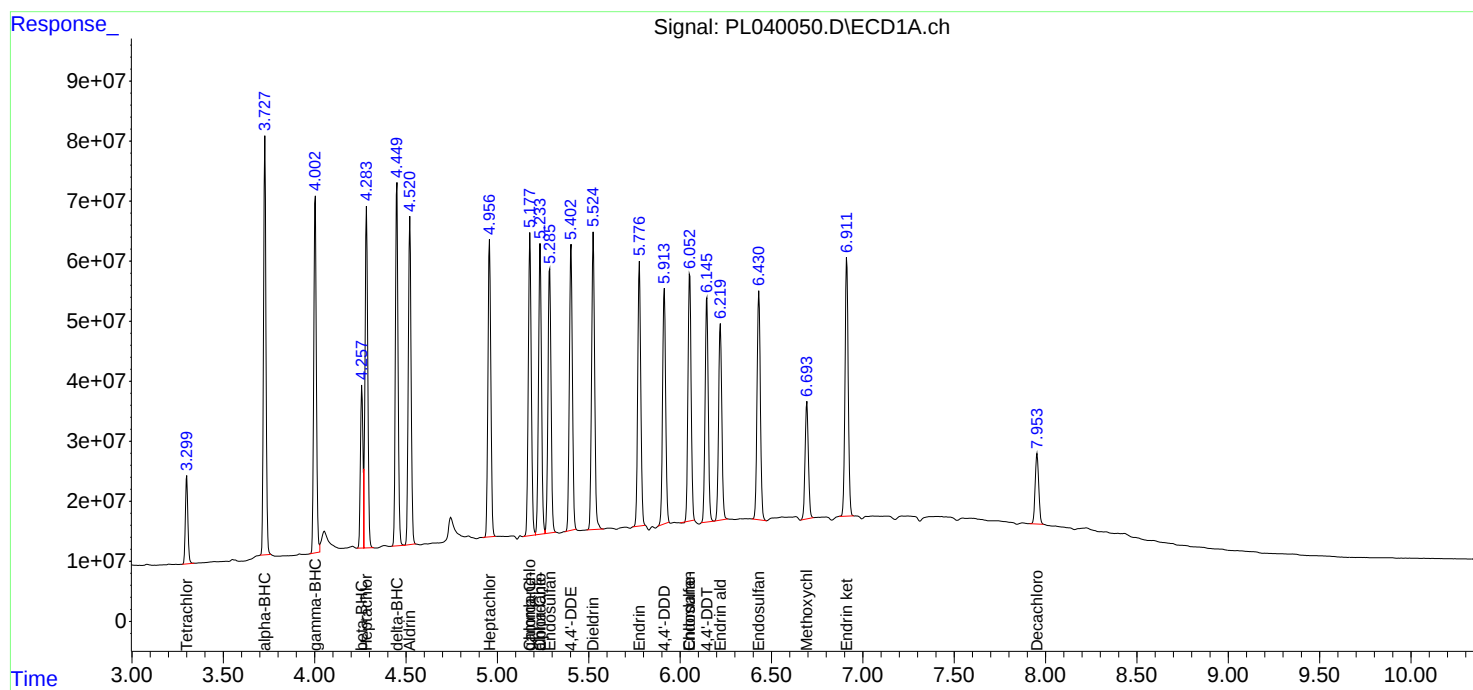
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

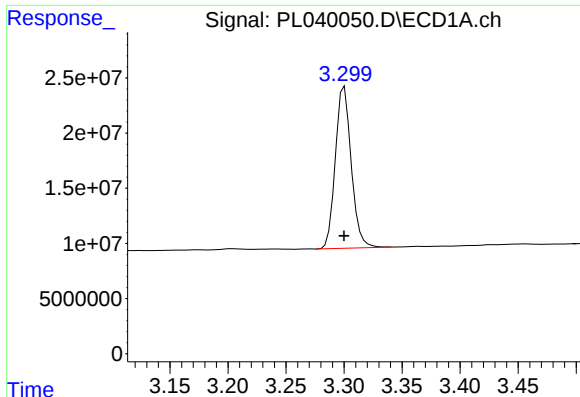
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091718\  
Data File : PL040050.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Sep 2018 04:19  
Operator : AJ\SJ  
Sample : PB112892BS  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 18 06:43:11 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091418.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 14 23:10:39 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

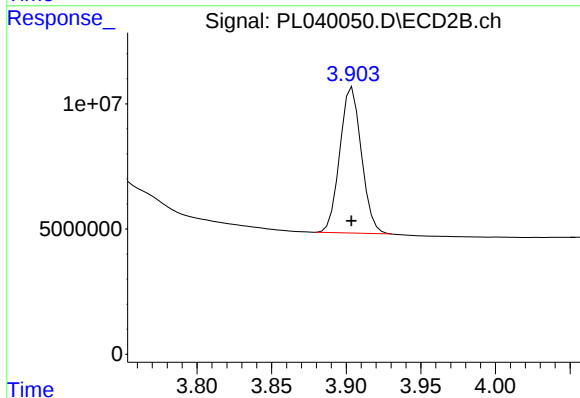




#1 Tetrachloro-m-xylene

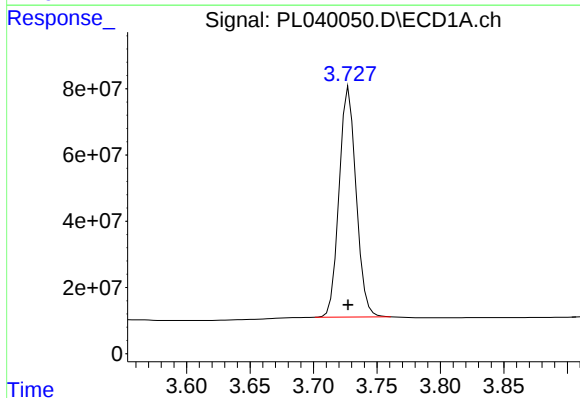
R.T.: 3.300 min  
Delta R.T.: 0.000 min  
Response: 140064746  
Conc: 18.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



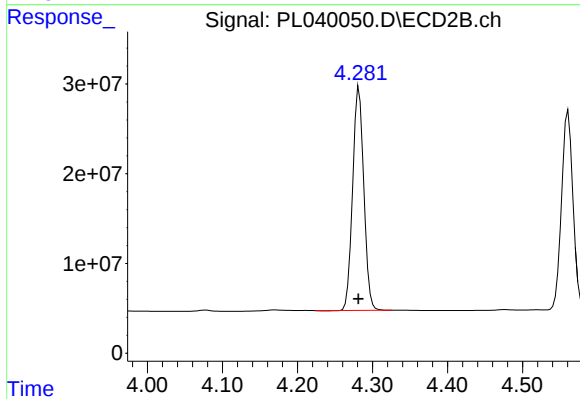
#1 Tetrachloro-m-xylene

R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 58721787  
Conc: 18.40 ng/ml



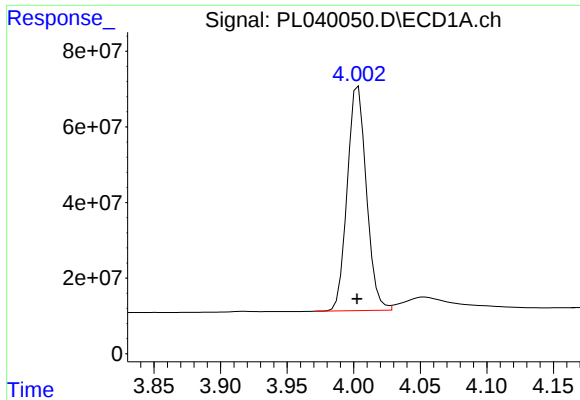
#2 alpha-BHC

R.T.: 3.728 min  
Delta R.T.: 0.000 min  
Response: 648301554  
Conc: 51.10 ng/ml



#2 alpha-BHC

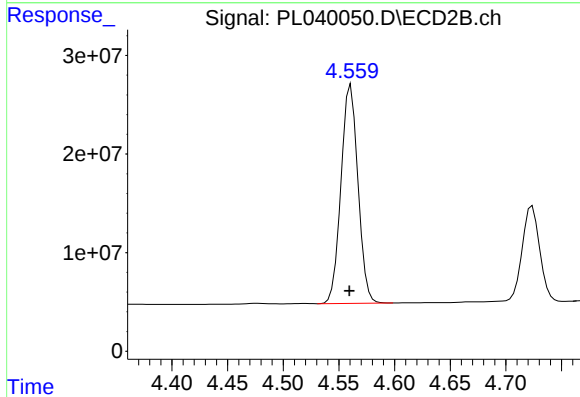
R.T.: 4.282 min  
Delta R.T.: 0.001 min  
Response: 257717047  
Conc: 49.80 ng/ml



#3 gamma-BHC (Lindane)

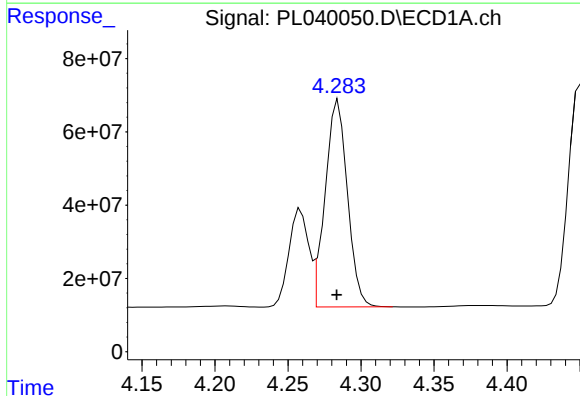
R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 593787361  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



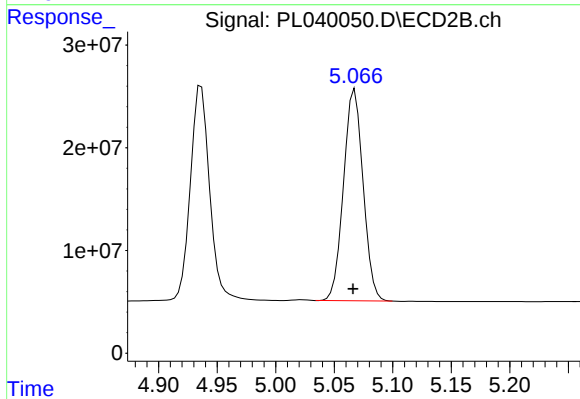
#3 gamma-BHC (Lindane)

R.T.: 4.561 min  
Delta R.T.: 0.001 min  
Response: 235241985  
Conc: 51.68 ng/ml



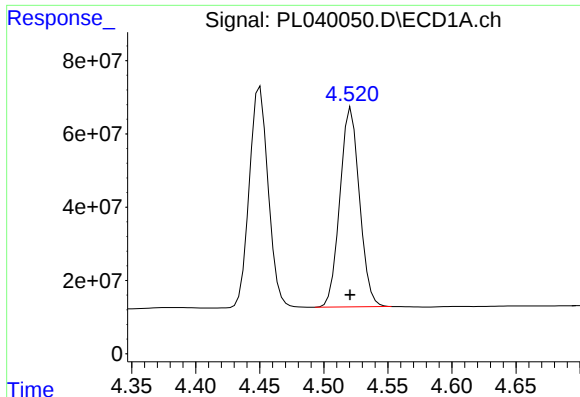
#4 Heptachlor

R.T.: 4.285 min  
Delta R.T.: 0.001 min  
Response: 599173458  
Conc: 51.94 ng/ml



#4 Heptachlor

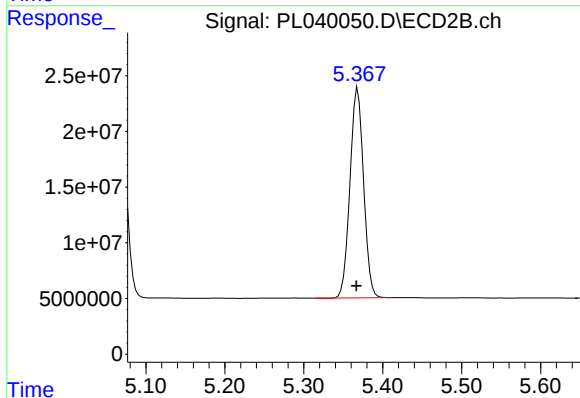
R.T.: 5.068 min  
Delta R.T.: 0.001 min  
Response: 239821431  
Conc: 55.61 ng/ml



#5 Aldrin

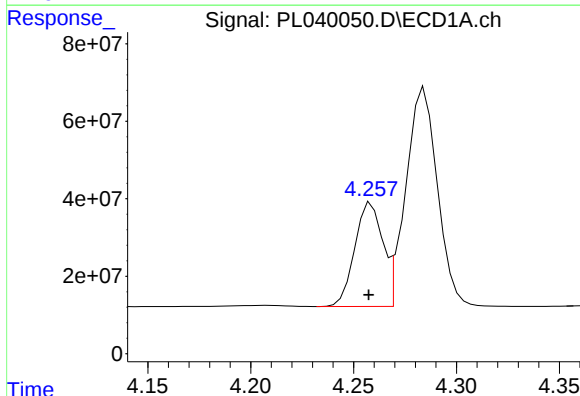
R.T.: 4.521 min  
Delta R.T.: 0.001 min  
Response: 579447909  
Conc: 52.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



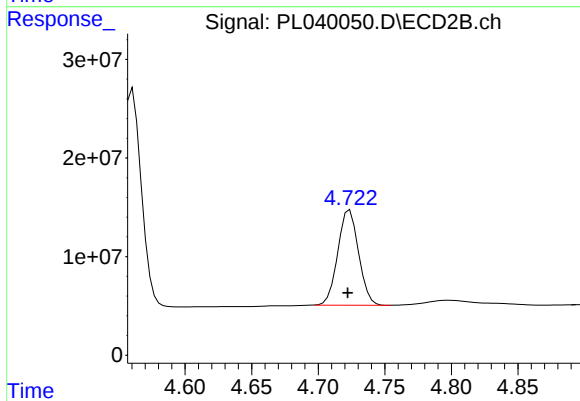
#5 Aldrin

R.T.: 5.368 min  
Delta R.T.: 0.002 min  
Response: 226281358  
Conc: 52.10 ng/ml



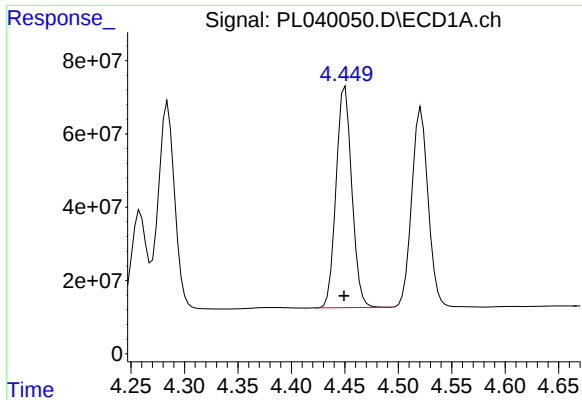
#6 beta-BHC

R.T.: 4.259 min  
Delta R.T.: 0.001 min  
Response: 252503397  
Conc: 51.34 ng/ml



#6 beta-BHC

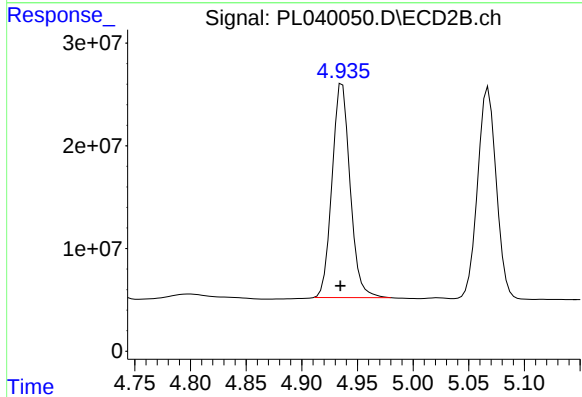
R.T.: 4.724 min  
Delta R.T.: 0.002 min  
Response: 105021802  
Conc: 53.52 ng/ml



#7 delta-BHC

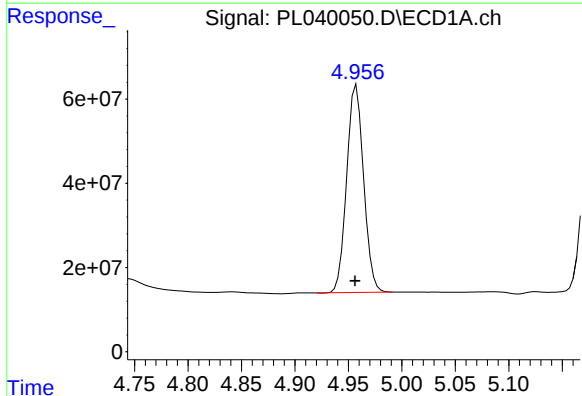
R.T.: 4.450 min  
Delta R.T.: 0.001 min  
Response: 619026366  
Conc: 52.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



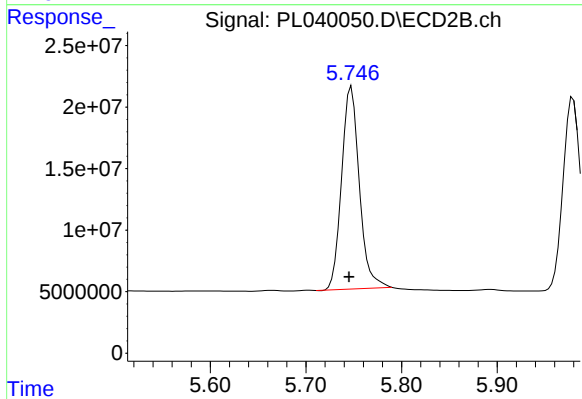
#7 delta-BHC

R.T.: 4.936 min  
Delta R.T.: 0.002 min  
Response: 235450264  
Conc: 59.19 ng/ml



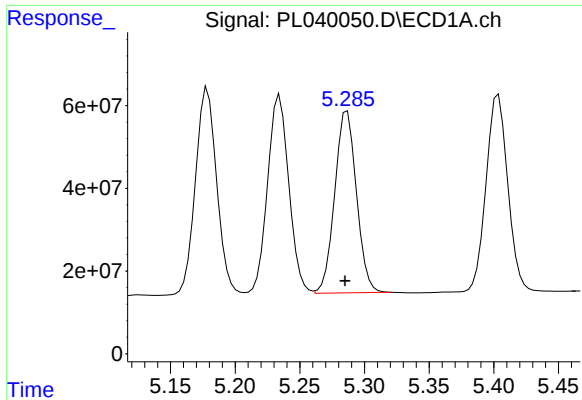
#8 Heptachlor epoxide

R.T.: 4.958 min  
Delta R.T.: 0.001 min  
Response: 543931586  
Conc: 53.38 ng/ml



#8 Heptachlor epoxide

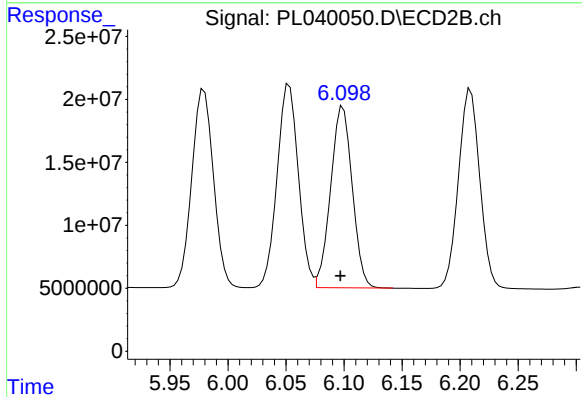
R.T.: 5.747 min  
Delta R.T.: 0.002 min  
Response: 213062641  
Conc: 53.87 ng/ml



#9 Endosulfan I

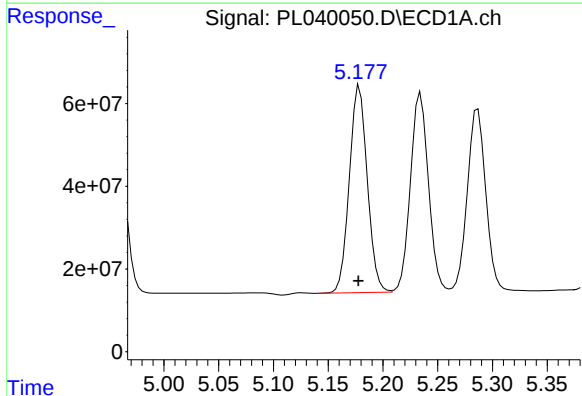
R.T.: 5.287 min  
Delta R.T.: 0.002 min  
Response: 513450897  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



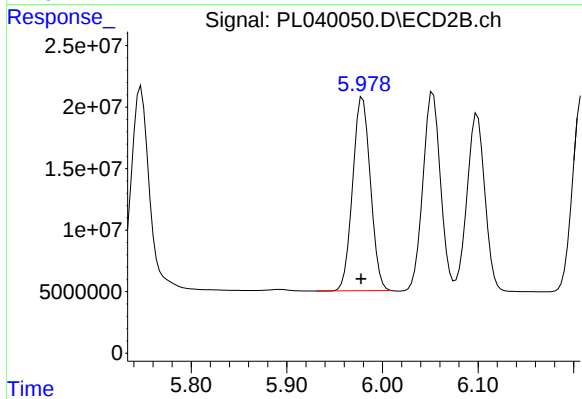
#9 Endosulfan I

R.T.: 6.099 min  
Delta R.T.: 0.002 min  
Response: 186955550  
Conc: 52.65 ng/ml



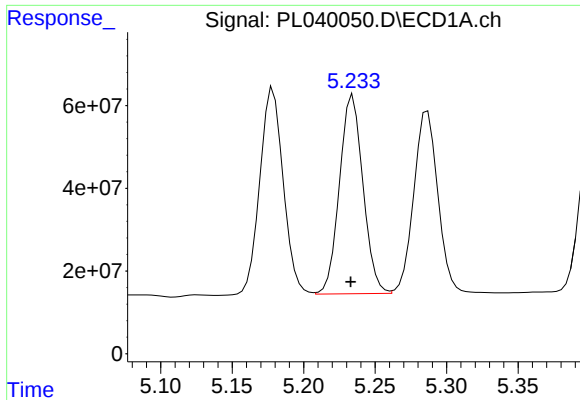
#10 gamma-Chlordane

R.T.: 5.179 min  
Delta R.T.: 0.001 min  
Response: 571446745  
Conc: 51.29 ng/ml



#10 gamma-Chlordane

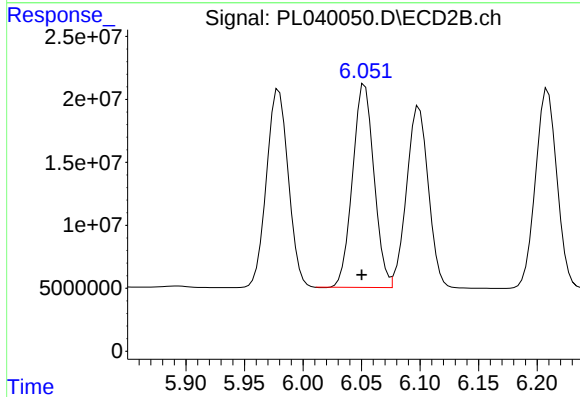
R.T.: 5.979 min  
Delta R.T.: 0.002 min  
Response: 203966258  
Conc: 53.89 ng/ml



#11 alpha-Chlordane

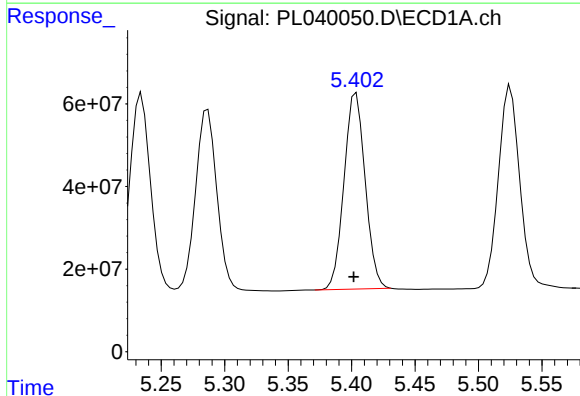
R.T.: 5.234 min  
Delta R.T.: 0.002 min  
Response: 550659659  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



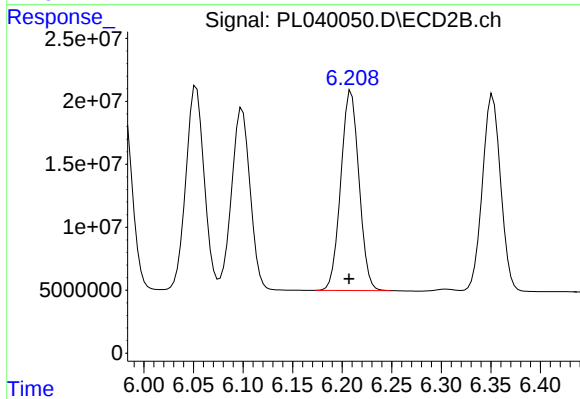
#11 alpha-Chlordane

R.T.: 6.053 min  
Delta R.T.: 0.003 min  
Response: 206061974  
Conc: 52.02 ng/ml



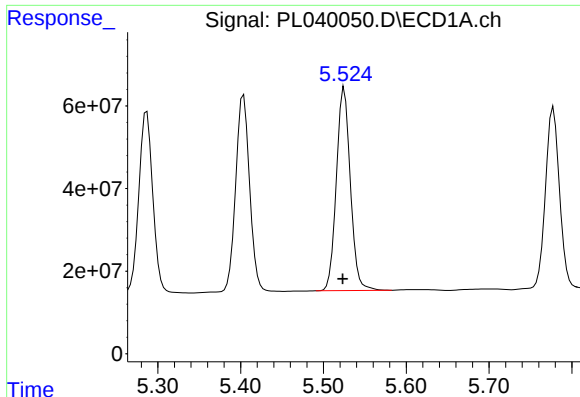
#12 4,4'-DDE

R.T.: 5.404 min  
Delta R.T.: 0.002 min  
Response: 550488054  
Conc: 51.94 ng/ml



#12 4,4'-DDE

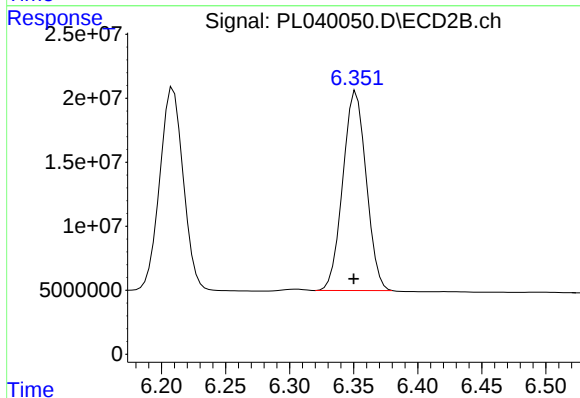
R.T.: 6.209 min  
Delta R.T.: 0.002 min  
Response: 202633019  
Conc: 53.27 ng/ml



#13 Dieldrin

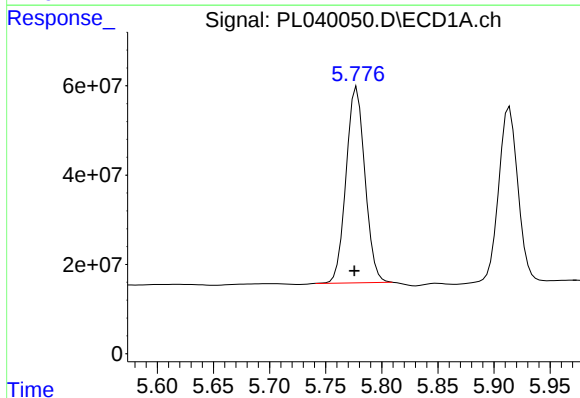
R.T.: 5.525 min  
Delta R.T.: 0.002 min  
Response: 578128972  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



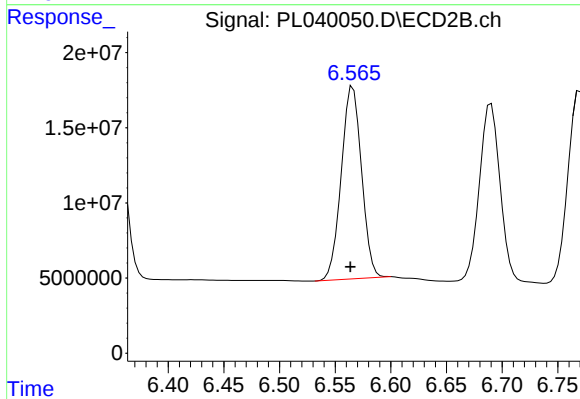
#13 Dieldrin

R.T.: 6.352 min  
Delta R.T.: 0.002 min  
Response: 197952259  
Conc: 52.02 ng/ml



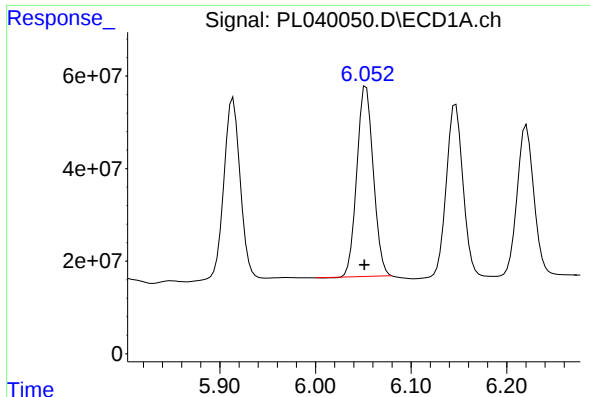
#14 Endrin

R.T.: 5.778 min  
Delta R.T.: 0.002 min  
Response: 512638154  
Conc: 49.96 ng/ml



#14 Endrin

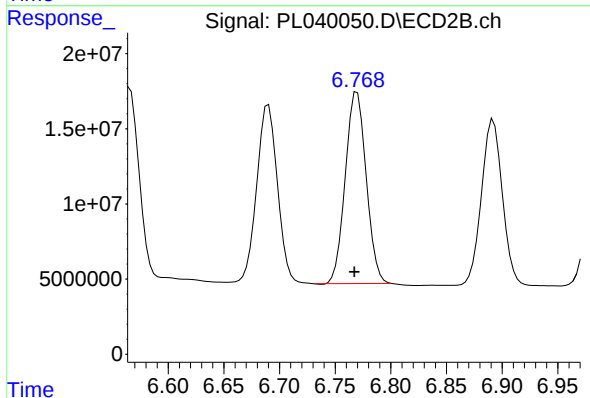
R.T.: 6.566 min  
Delta R.T.: 0.002 min  
Response: 162860914  
Conc: 50.03 ng/ml



#15 Endosulfan II

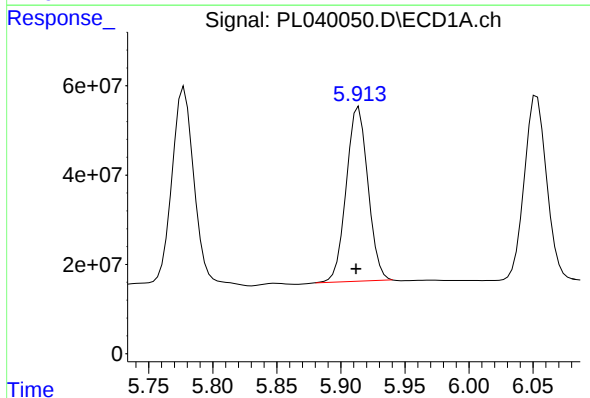
R.T.: 6.053 min  
Delta R.T.: 0.002 min  
Response: 491096176  
Conc: 51.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



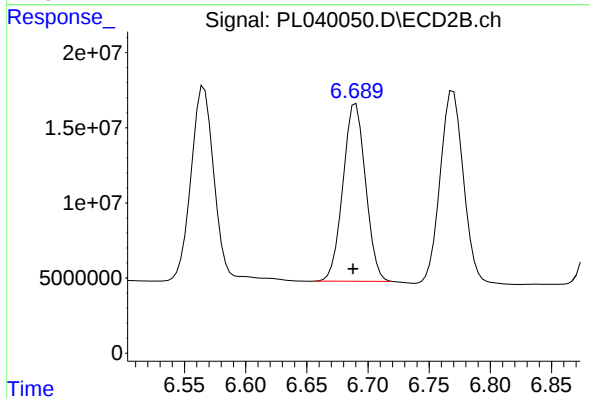
#15 Endosulfan II

R.T.: 6.770 min  
Delta R.T.: 0.002 min  
Response: 166819264  
Conc: 50.51 ng/ml



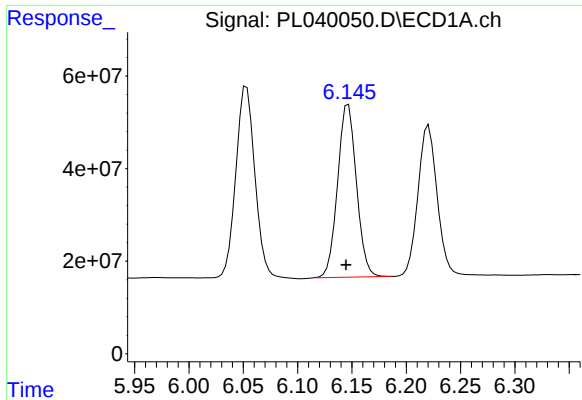
#16 4,4'-DDD

R.T.: 5.914 min  
Delta R.T.: 0.002 min  
Response: 460815027  
Conc: 53.15 ng/ml



#16 4,4'-DDD

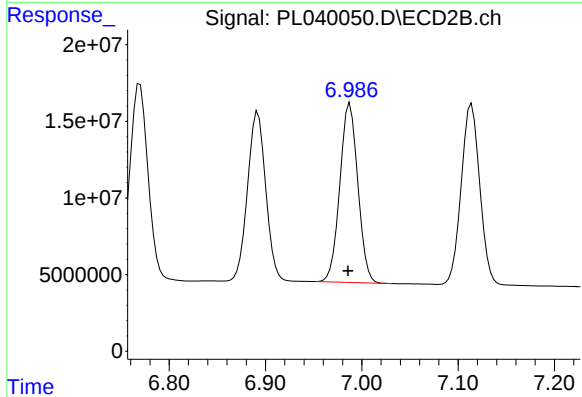
R.T.: 6.690 min  
Delta R.T.: 0.002 min  
Response: 151653532  
Conc: 52.46 ng/ml



#17 4,4'-DDT

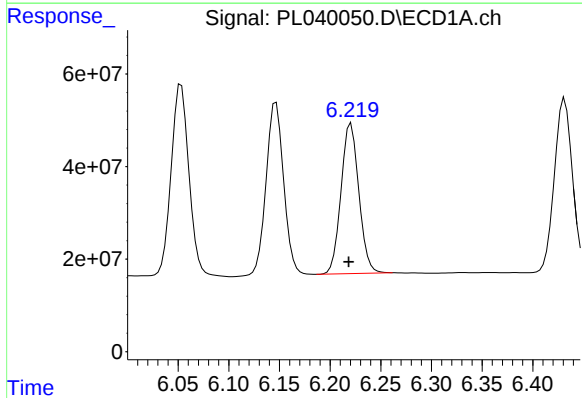
R.T.: 6.147 min  
Delta R.T.: 0.002 min  
Response: 450497397  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



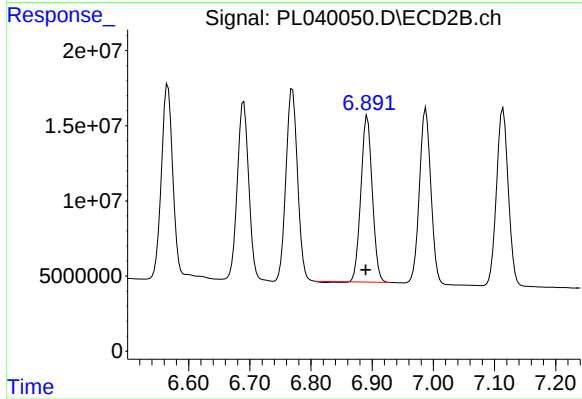
#17 4,4'-DDT

R.T.: 6.988 min  
Delta R.T.: 0.002 min  
Response: 151295571  
Conc: 50.57 ng/ml



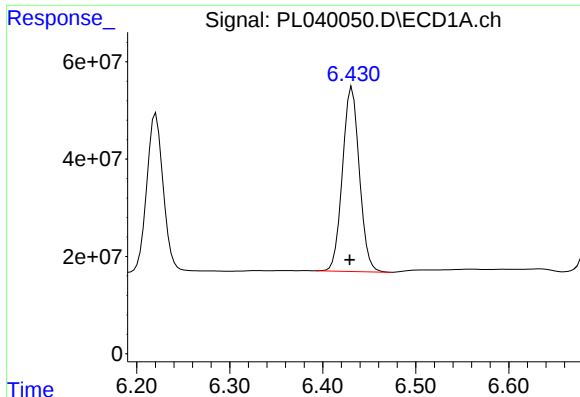
#18 Endrin aldehyde

R.T.: 6.221 min  
Delta R.T.: 0.002 min  
Response: 396848884  
Conc: 51.77 ng/ml



#18 Endrin aldehyde

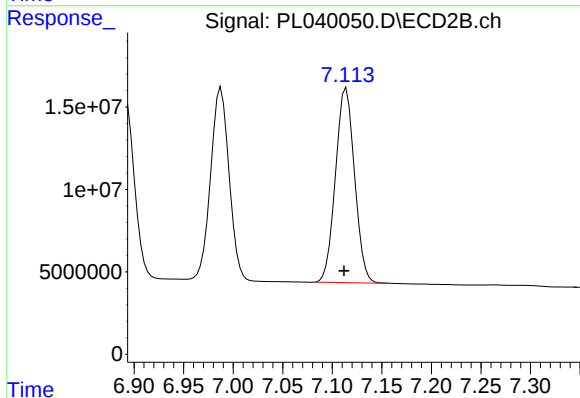
R.T.: 6.892 min  
Delta R.T.: 0.002 min  
Response: 142546018  
Conc: 54.28 ng/ml



#19 Endosulfan Sulfate

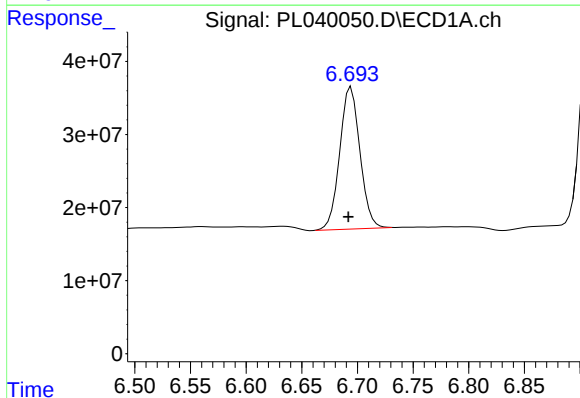
R.T.: 6.432 min  
Delta R.T.: 0.002 min  
Response: 477967395  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



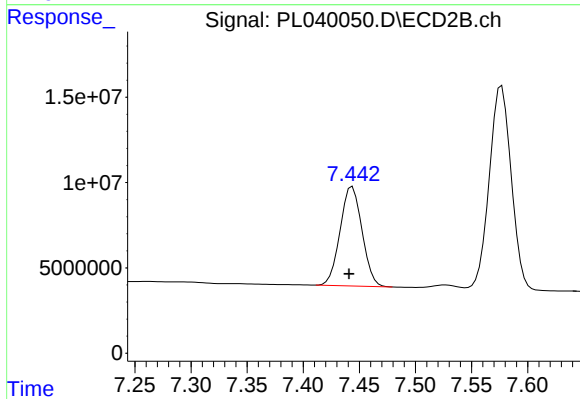
#19 Endosulfan Sulfate

R.T.: 7.114 min  
Delta R.T.: 0.002 min  
Response: 158047285  
Conc: 53.83 ng/ml



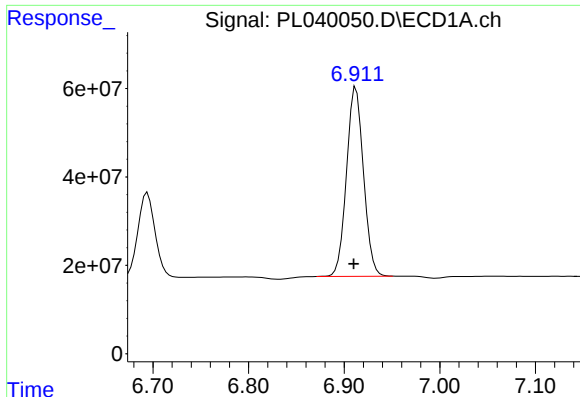
#20 Methoxychlor

R.T.: 6.694 min  
Delta R.T.: 0.002 min  
Response: 245967472  
Conc: 53.07 ng/ml



#20 Methoxychlor

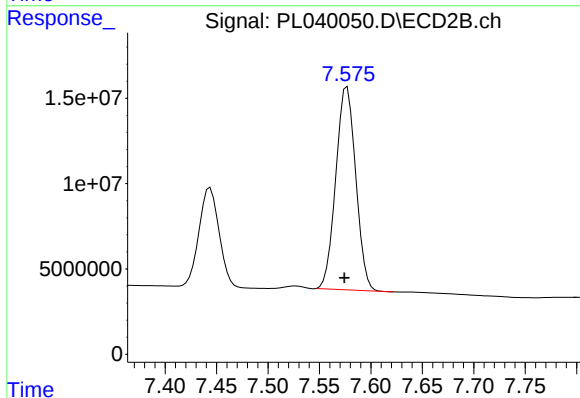
R.T.: 7.444 min  
Delta R.T.: 0.003 min  
Response: 79086909  
Conc: 53.94 ng/ml



#21 Endrin ketone

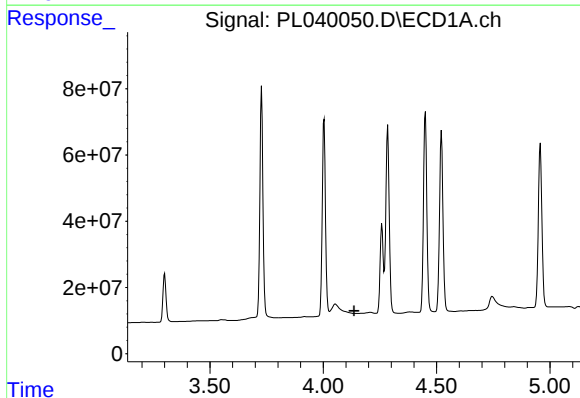
R.T.: 6.912 min  
Delta R.T.: 0.002 min  
Response: 530657546  
Conc: 54.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



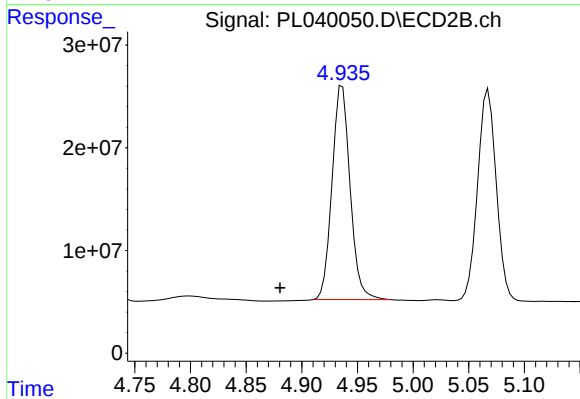
#21 Endrin ketone

R.T.: 7.577 min  
Delta R.T.: 0.003 min  
Response: 160319565  
Conc: 56.25 ng/ml



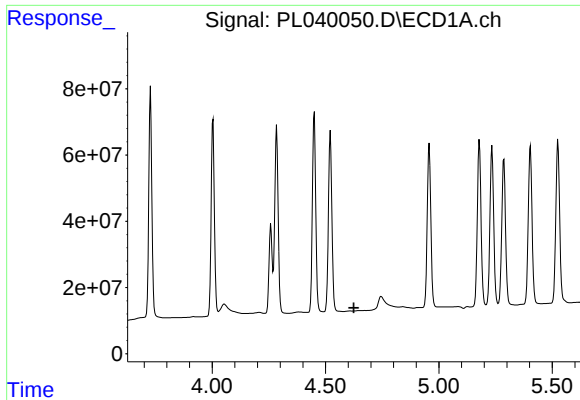
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.136 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

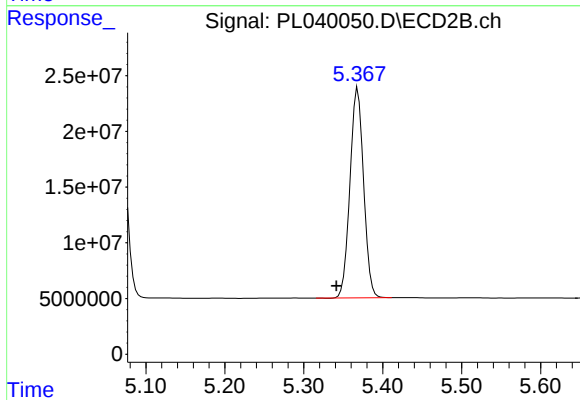
R.T.: 4.936 min  
Delta R.T.: 0.056 min  
Response: 235450264  
Conc: 1520.54 ng/ml



#24 Chlordane-2

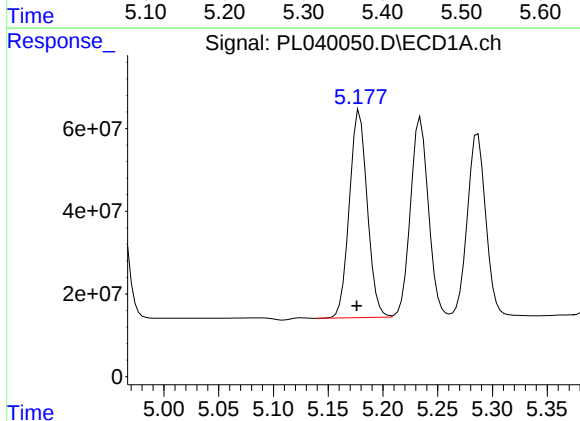
R.T.: 0.000 min  
Exp R.T.: 4.625 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



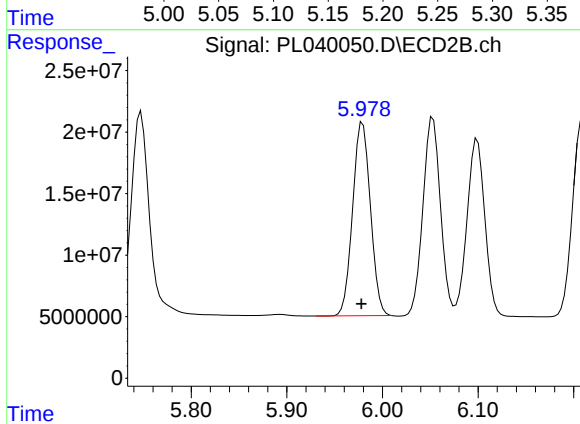
#24 Chlordane-2

R.T.: 5.368 min  
Delta R.T.: 0.027 min  
Response: 226281358  
Conc: 1484.74 ng/ml



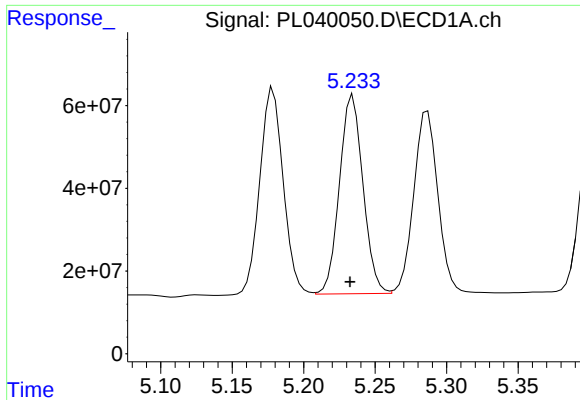
#25 Chlordane-3

R.T.: 5.179 min  
Delta R.T.: 0.003 min  
Response: 571446745  
Conc: 465.68 ng/ml



#25 Chlordane-3

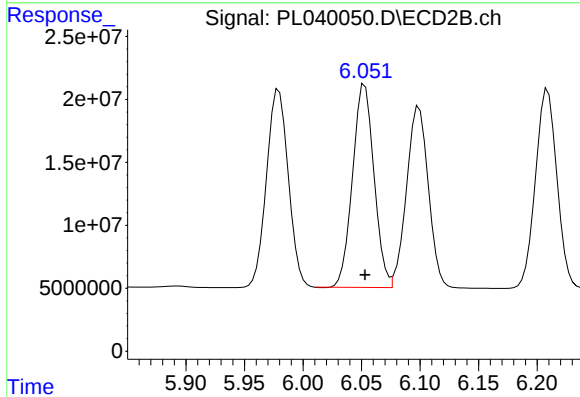
R.T.: 5.979 min  
Delta R.T.: 0.001 min  
Response: 203966258  
Conc: 398.42 ng/ml



#26 Chlordane-4

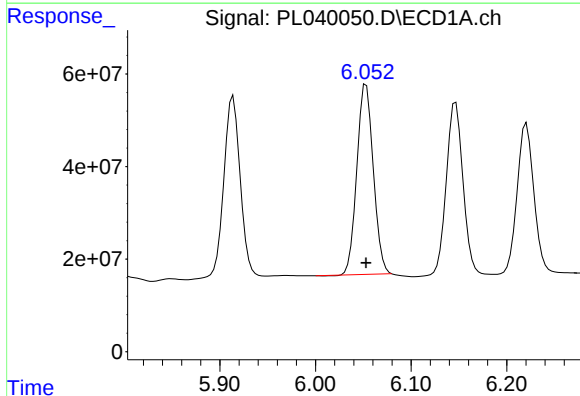
R.T.: 5.234 min  
Delta R.T.: 0.002 min  
Response: 550659659  
Conc: 502.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



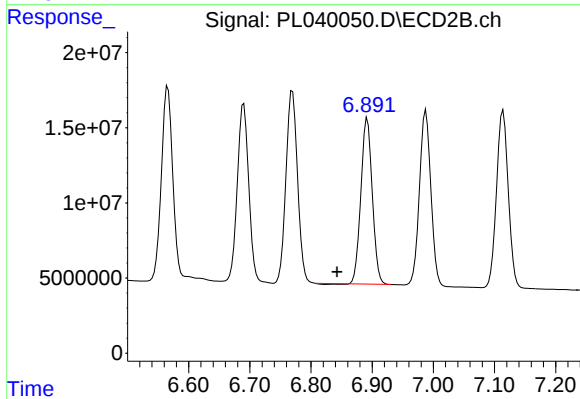
#26 Chlordane-4

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 206061974  
Conc: 332.92 ng/ml



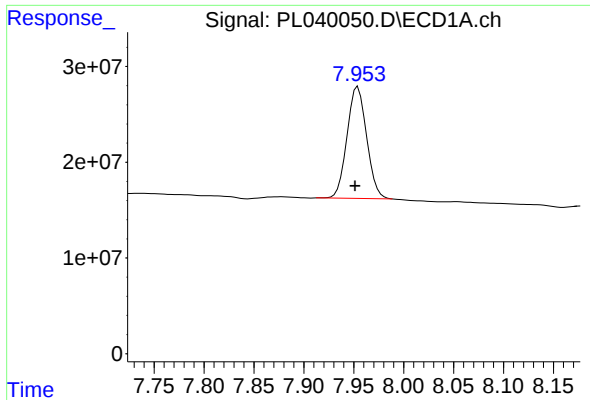
#27 Chlordane-5

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 491096176  
Conc: 1324.59 ng/ml



#27 Chlordane-5

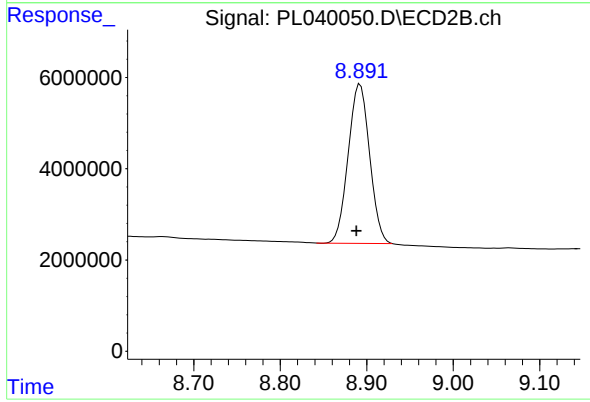
R.T.: 6.892 min  
Delta R.T.: 0.050 min  
Response: 142546018  
Conc: 1228.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.954 min  
Delta R.T.: 0.003 min  
Response: 159429555  
Conc: 19.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.892 min  
Delta R.T.: 0.004 min  
Response: 60002792  
Conc: 22.09 ng/ml