

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060623\  
 Data File : PL083264.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jun 2023 18:56  
 Operator : AR\AJ  
 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: Jun 06 21:13:13 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 2023  
 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... | 3.313  | 2.632 | 134.1E6  | 124.4E6  | 45.611   | 47.900     |
| 28)                         | SA Decachlor... | 8.731  | 7.736 | 100.5E6  | 118.0E6  | 47.906   | 47.449     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.763  | 3.128 | 206.0E6  | 180.0E6  | 46.414   | 48.246     |
| 3)                          | MA gamma-BHC... | 4.091  | 3.455 | 191.2E6  | 163.3E6  | 46.159   | 48.982     |
| 4)                          | MA Heptachlor   | 4.668  | 3.785 | 173.0E6  | 162.8E6  | 45.255   | 44.472     |
| 5)                          | MB Aldrin       | 5.005  | 4.061 | 172.1E6  | 160.8E6  | 48.918   | 49.407     |
| 6)                          | B beta-BHC      | 4.295  | 3.756 | 85184498 | 68283831 | 45.245   | 47.748     |
| 7)                          | B delta-BHC     | 4.536  | 3.981 | 191.2E6  | 163.4E6  | 55.592   | 49.875     |
| 8)                          | B Heptachlo...  | 5.431  | 4.562 | 158.0E6  | 141.2E6  | 49.395   | 47.572     |
| 9)                          | A Endosulfan I  | 5.812  | 4.929 | 150.4E6  | 129.2E6  | 50.115   | 46.237     |
| 10)                         | B gamma-Chl...  | 5.687  | 4.810 | 171.3E6  | 146.1E6  | 53.908   | 48.651     |
| 11)                         | B alpha-Chl...  | 5.764  | 4.873 | 160.2E6  | 145.0E6  | 49.914   | 48.290     |
| 12)                         | B 4,4'-DDE      | 5.943  | 5.064 | 136.4E6  | 130.9E6  | 49.472   | 53.888     |
| 13)                         | MA Dieldrin     | 6.087  | 5.193 | 145.9E6  | 134.9E6  | 48.515   | 47.803     |
| 14)                         | MA Endrin       | 6.314  | 5.467 | 124.1E6  | 122.0E6  | 46.180   | 48.090     |
| 15)                         | B Endosulfa...  | 6.537  | 5.765 | 119.3E6  | 114.2E6  | 44.660   | 46.153     |
| 16)                         | A 4,4'-DDD      | 6.459  | 5.619 | 114.5E6  | 102.8E6  | 52.686   | 53.463     |
| 17)                         | MA 4,4'-DDT     | 6.770  | 5.867 | 113.0E6  | 100.0E6  | 45.160   | 44.839     |
| 18)                         | B Endrin al...  | 6.667  | 5.944 | 92636356 | 92078716 | 46.073   | 46.564     |
| 19)                         | B Endosulfa...  | 6.901  | 6.167 | 123.5E6  | 118.1E6  | 48.187   | 48.217     |
| 20)                         | A Methoxychlor  | 7.251  | 6.446 | 58773039 | 57202292 | 44.445   | 44.979     |
| 21)                         | B Endrin ke...  | 7.381  | 6.671 | 126.8E6  | 130.0E6  | 49.712   | 48.091     |
| 22)                         | Mirex           | 7.845  | 6.841 | 97900551 | 108.8E6  | 46.708   | 46.490     |
| 24)                         | Chlordane-2     | 5.005f | 4.204 | 172.1E6  | 4050002  | 1562.279 | 45.491 #   |
| 25)                         | Chlordane-3     | 5.687  | 4.810 | 171.3E6  | 146.1E6  | 412.781  | 548.277 #  |
| 26)                         | Chlordane-4     | 5.764  | 4.873 | 160.2E6  | 145.0E6  | 316.343  | 514.516 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.765 | 0        | 114.2E6  | N.D.     | 1175.456 # |
| -----                       |                 |        |       |          |          |          |            |

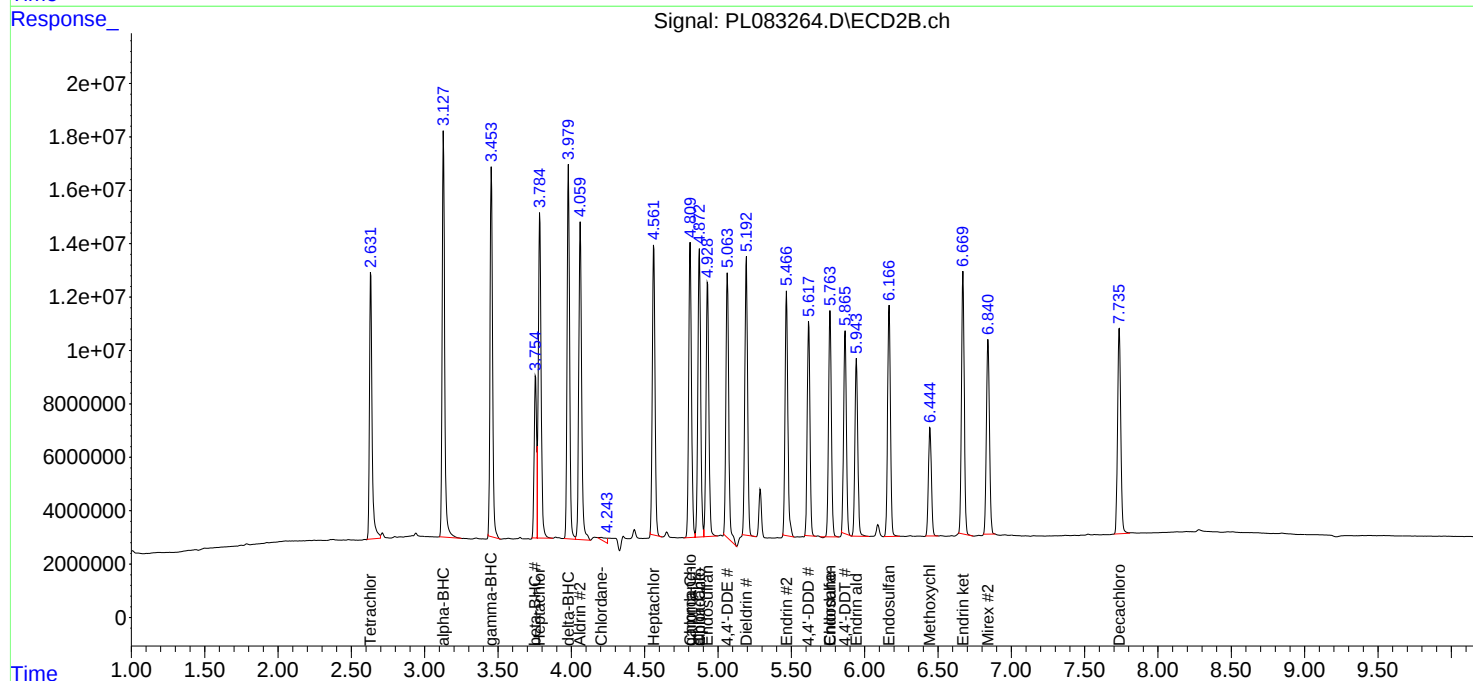
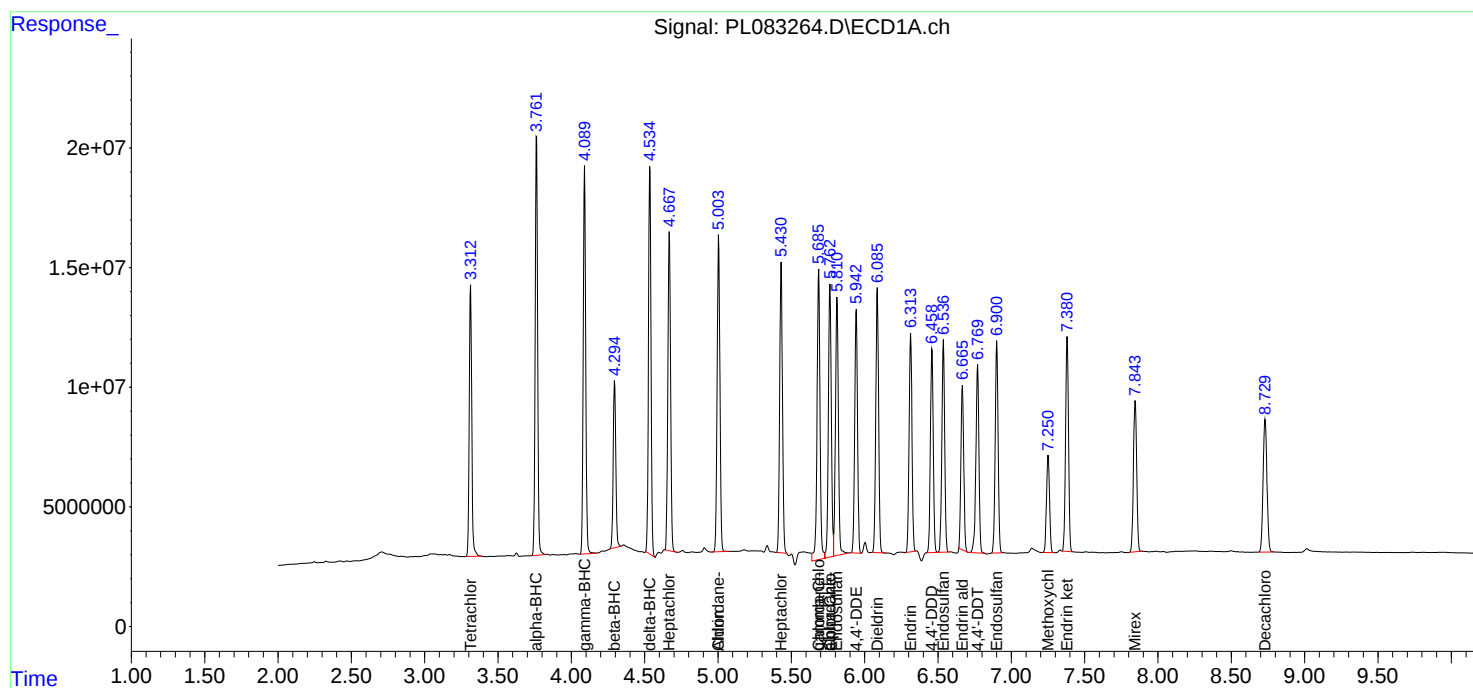
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

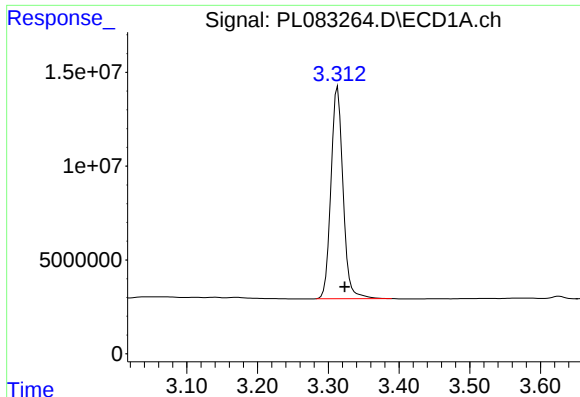
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060623\  
Data File : PL083264.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jun 2023 18:56  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 06 21:13:13 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 2023  
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

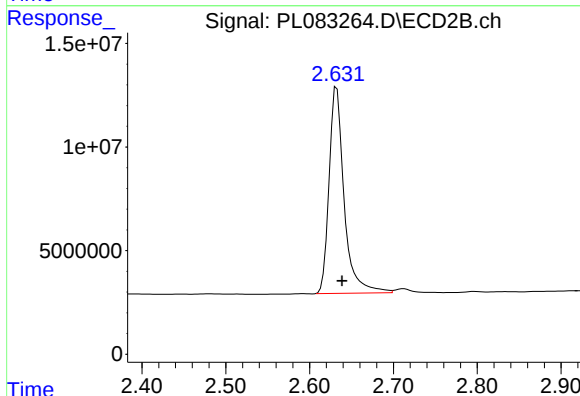




#1 Tetrachloro-m-xylene

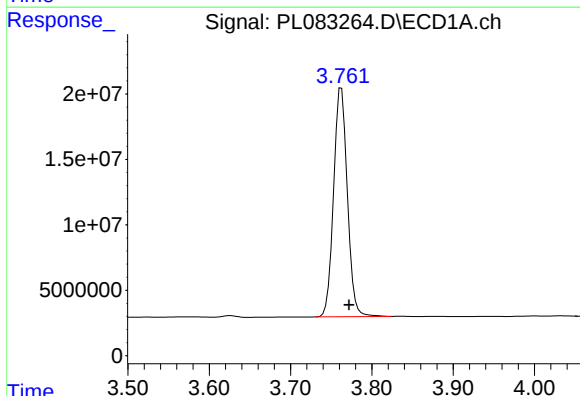
R.T.: 3.313 min  
Delta R.T.: -0.010 min  
Response: 134050124  
Conc: 45.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



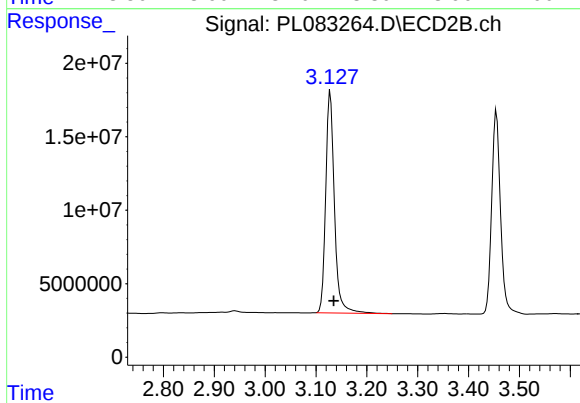
#1 Tetrachloro-m-xylene

R.T.: 2.632 min  
Delta R.T.: -0.007 min  
Response: 124353579  
Conc: 47.90 ng/ml



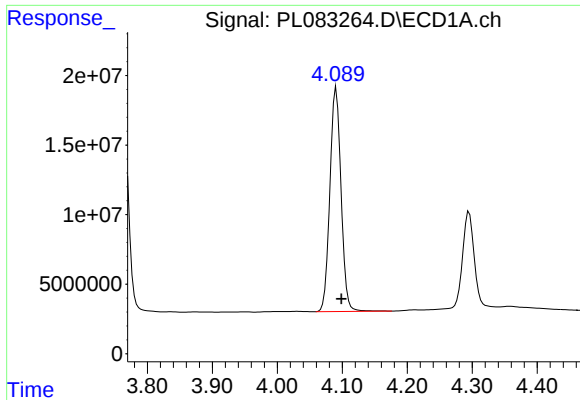
#2 alpha-BHC

R.T.: 3.763 min  
Delta R.T.: -0.009 min  
Response: 206044728  
Conc: 46.41 ng/ml



#2 alpha-BHC

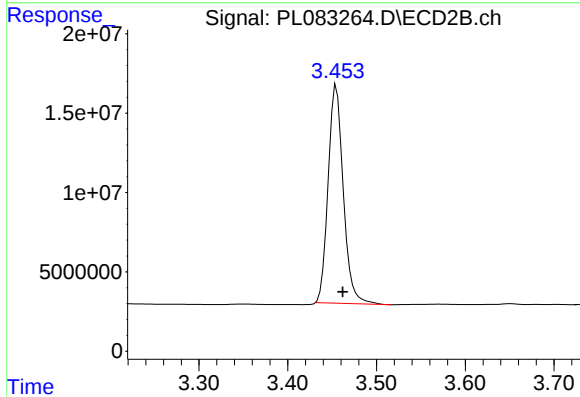
R.T.: 3.128 min  
Delta R.T.: -0.007 min  
Response: 180027437  
Conc: 48.25 ng/ml



#3 gamma-BHC (Lindane)

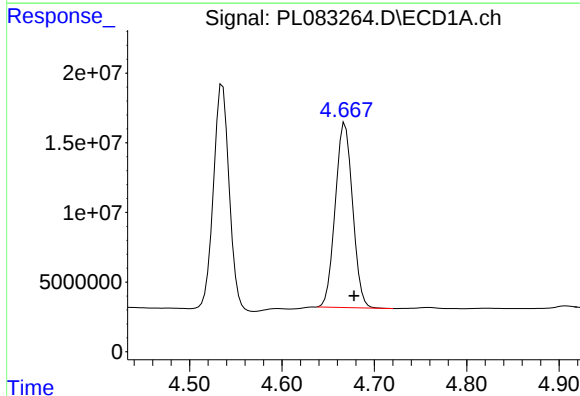
R.T.: 4.091 min  
Delta R.T.: -0.008 min  
Response: 191231144  
Conc: 46.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



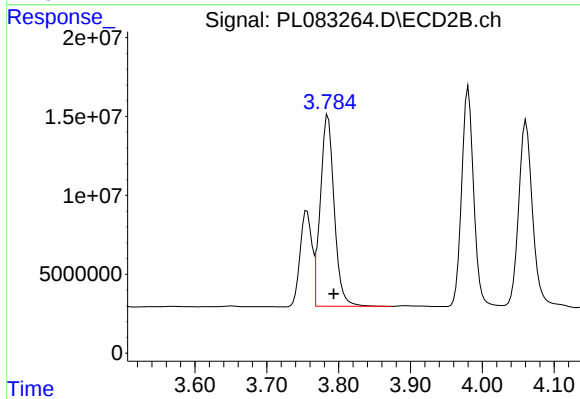
#3 gamma-BHC (Lindane)

R.T.: 3.455 min  
Delta R.T.: -0.007 min  
Response: 163272676  
Conc: 48.98 ng/ml



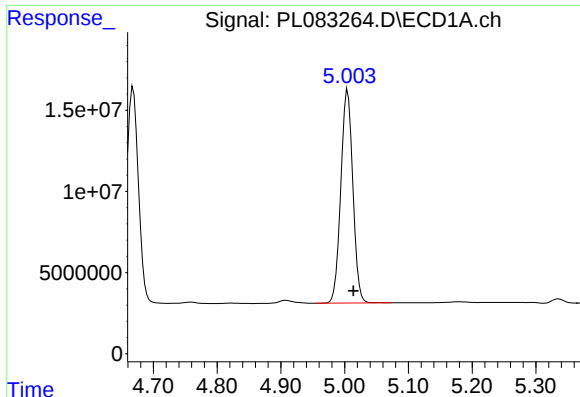
#4 Heptachlor

R.T.: 4.668 min  
Delta R.T.: -0.010 min  
Response: 172983904  
Conc: 45.25 ng/ml



#4 Heptachlor

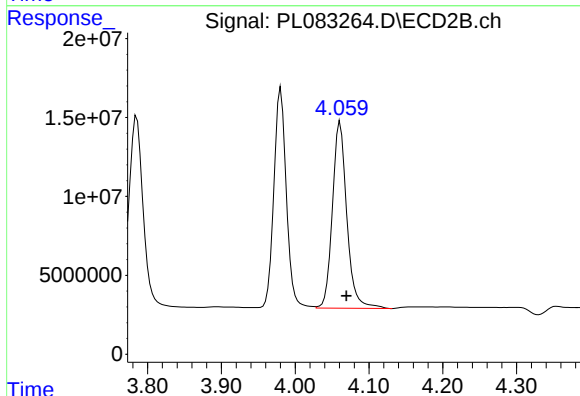
R.T.: 3.785 min  
Delta R.T.: -0.008 min  
Response: 162815122  
Conc: 44.47 ng/ml



#5 Aldrin

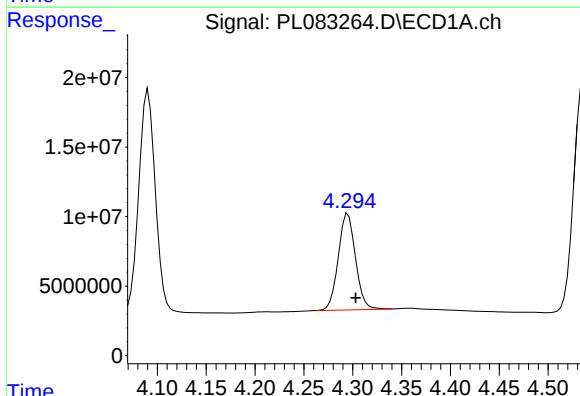
R.T.: 5.005 min  
Delta R.T.: -0.009 min  
Response: 172097722  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



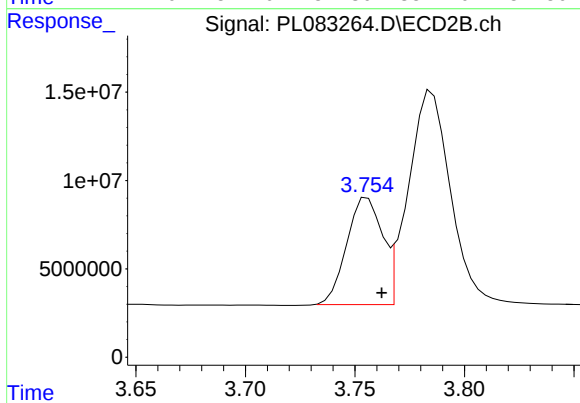
#5 Aldrin

R.T.: 4.061 min  
Delta R.T.: -0.009 min  
Response: 160752613  
Conc: 49.41 ng/ml



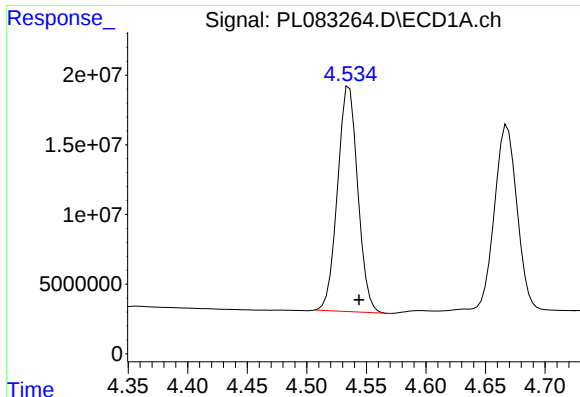
#6 beta-BHC

R.T.: 4.295 min  
Delta R.T.: -0.008 min  
Response: 85184498  
Conc: 45.25 ng/ml



#6 beta-BHC

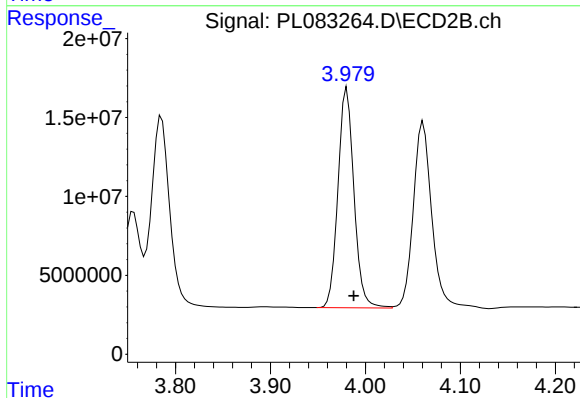
R.T.: 3.756 min  
Delta R.T.: -0.006 min  
Response: 68283831  
Conc: 47.75 ng/ml



#7 delta-BHC

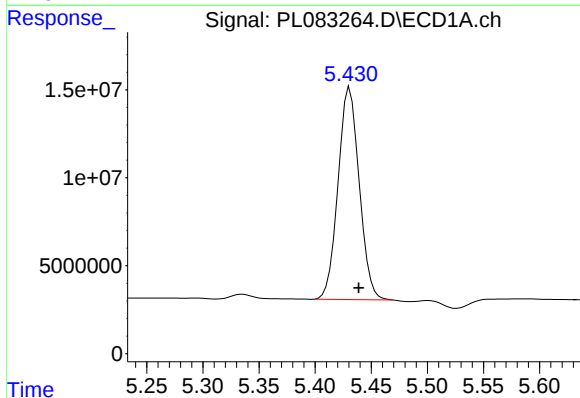
R.T.: 4.536 min  
Delta R.T.: -0.008 min  
Response: 191174058  
Conc: 55.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



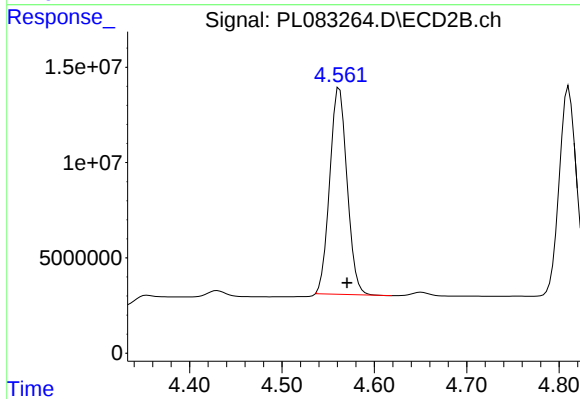
#7 delta-BHC

R.T.: 3.981 min  
Delta R.T.: -0.007 min  
Response: 163412255  
Conc: 49.87 ng/ml



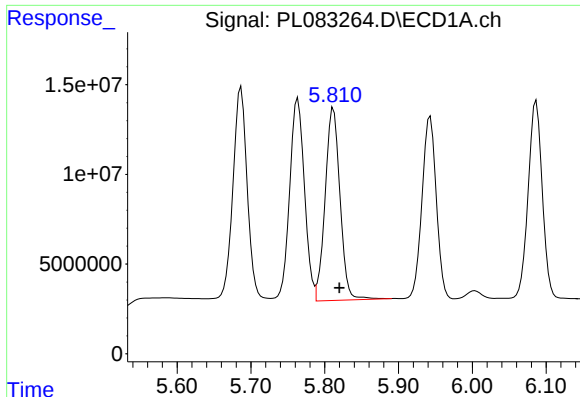
#8 Heptachlor epoxide

R.T.: 5.431 min  
Delta R.T.: -0.008 min  
Response: 158000385  
Conc: 49.39 ng/ml



#8 Heptachlor epoxide

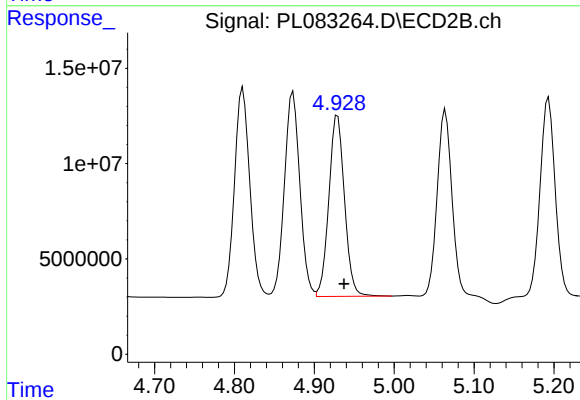
R.T.: 4.562 min  
Delta R.T.: -0.008 min  
Response: 141188612  
Conc: 47.57 ng/ml



#9 Endosulfan I

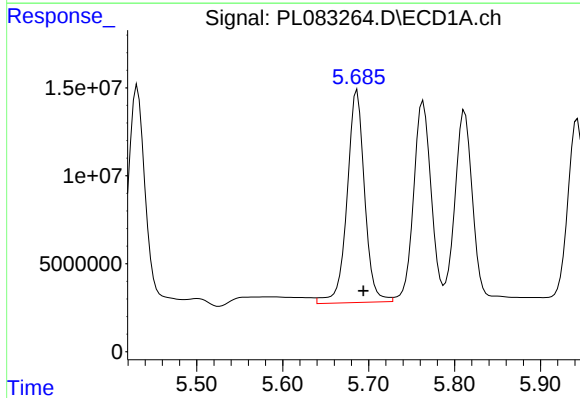
R.T.: 5.812 min  
Delta R.T.: -0.008 min  
Response: 150374953  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



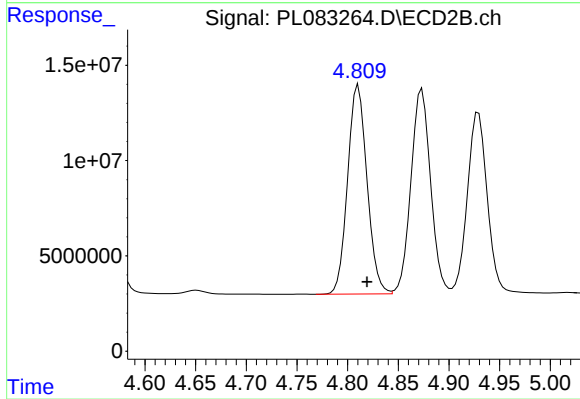
#9 Endosulfan I

R.T.: 4.929 min  
Delta R.T.: -0.008 min  
Response: 129203714  
Conc: 46.24 ng/ml



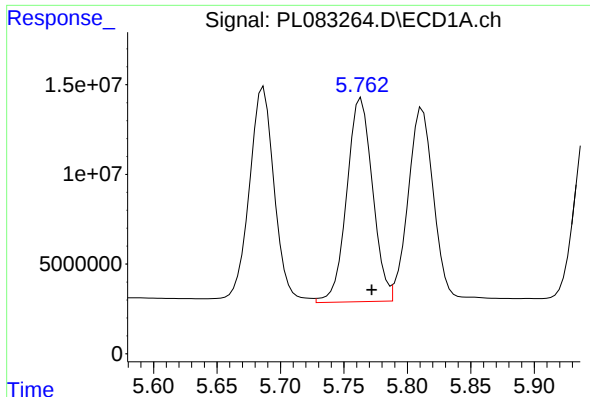
#10 gamma-Chlordane

R.T.: 5.687 min  
Delta R.T.: -0.007 min  
Response: 171264320  
Conc: 53.91 ng/ml



#10 gamma-Chlordane

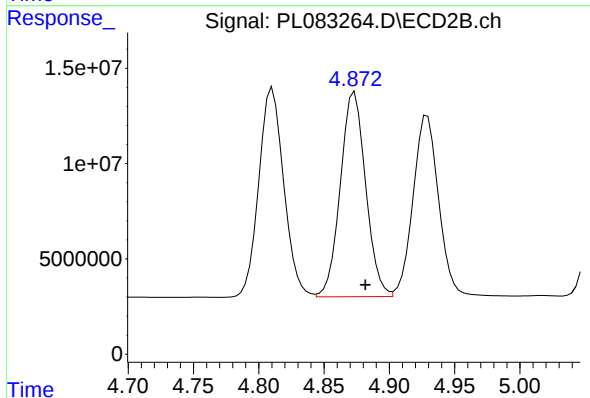
R.T.: 4.810 min  
Delta R.T.: -0.009 min  
Response: 146118446  
Conc: 48.65 ng/ml



#11 alpha-Chlordane

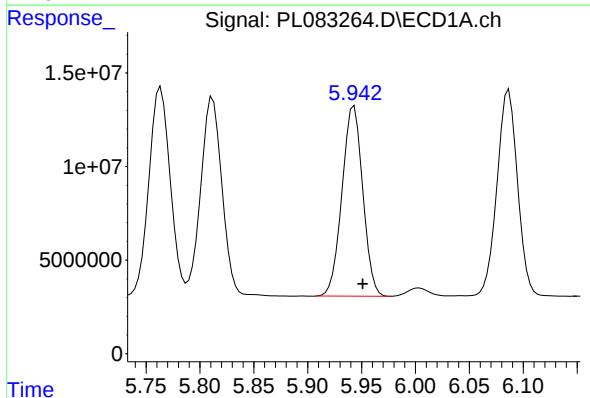
R.T.: 5.764 min  
Delta R.T.: -0.008 min  
Response: 160188829  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



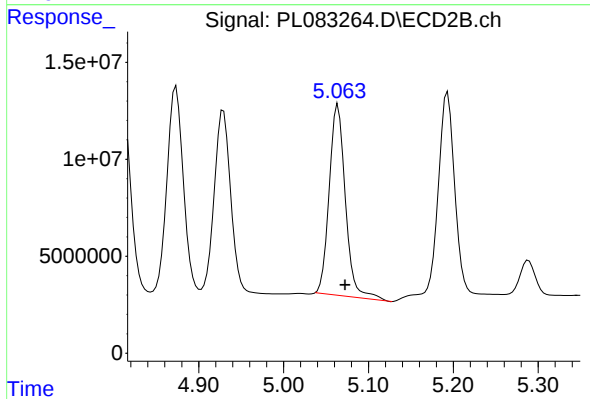
#11 alpha-Chlordane

R.T.: 4.873 min  
Delta R.T.: -0.008 min  
Response: 144965451  
Conc: 48.29 ng/ml



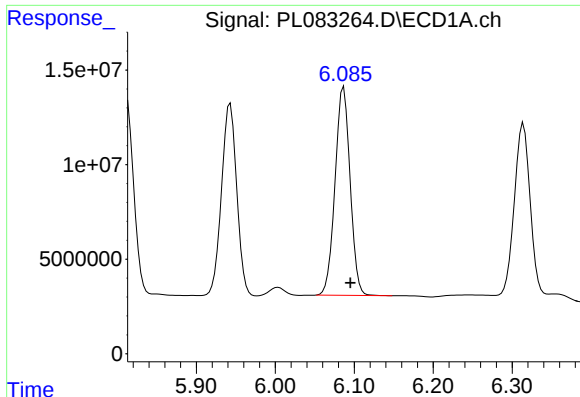
#12 4,4'-DDE

R.T.: 5.943 min  
Delta R.T.: -0.008 min  
Response: 136369557  
Conc: 49.47 ng/ml



#12 4,4'-DDE

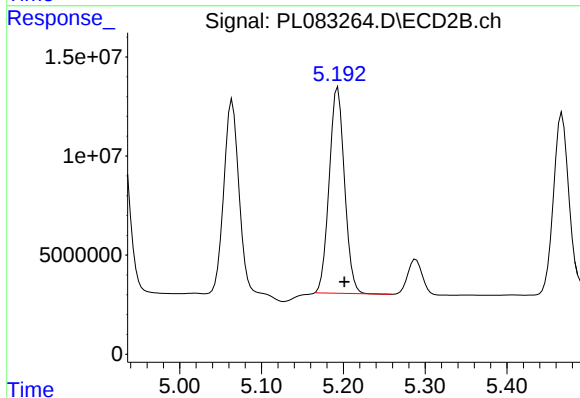
R.T.: 5.064 min  
Delta R.T.: -0.008 min  
Response: 130881495  
Conc: 53.89 ng/ml



#13 Dieldrin

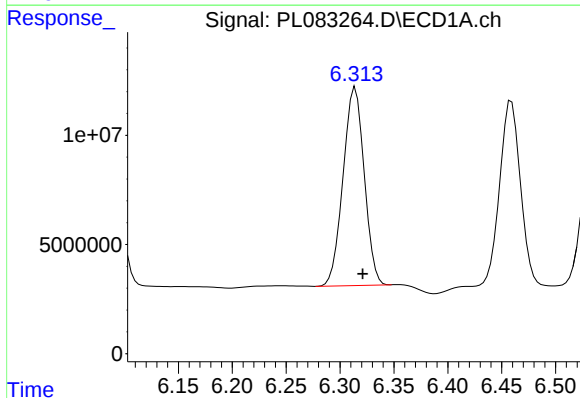
R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 145926505  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



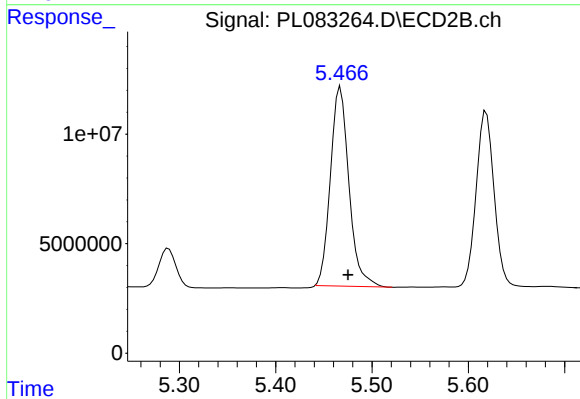
#13 Dieldrin

R.T.: 5.193 min  
Delta R.T.: -0.008 min  
Response: 134943450  
Conc: 47.80 ng/ml



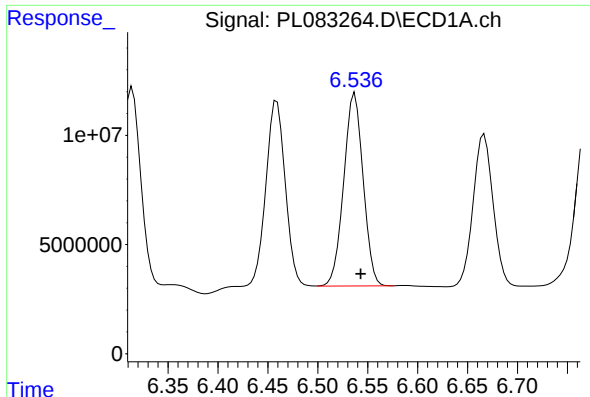
#14 Endrin

R.T.: 6.314 min  
Delta R.T.: -0.007 min  
Response: 124097384  
Conc: 46.18 ng/ml



#14 Endrin

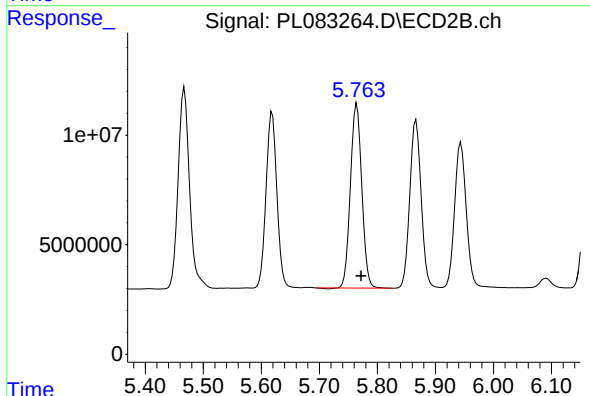
R.T.: 5.467 min  
Delta R.T.: -0.008 min  
Response: 122002101  
Conc: 48.09 ng/ml



#15 Endosulfan II

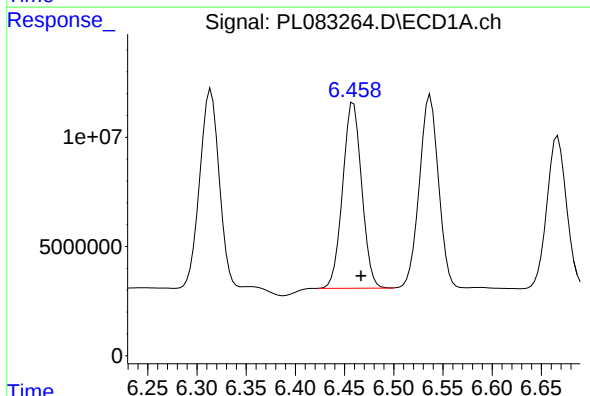
R.T.: 6.537 min  
Delta R.T.: -0.006 min  
Response: 119303651  
Conc: 44.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



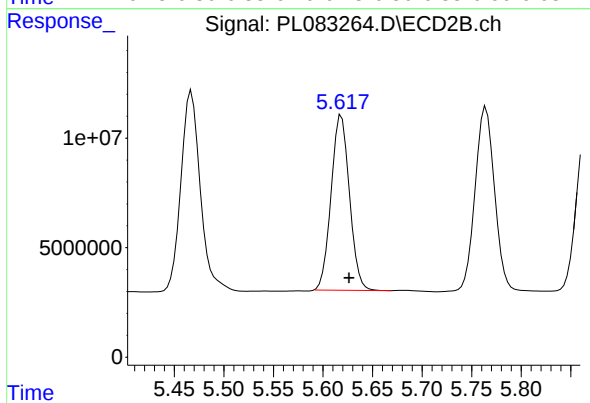
#15 Endosulfan II

R.T.: 5.765 min  
Delta R.T.: -0.007 min  
Response: 114191150  
Conc: 46.15 ng/ml



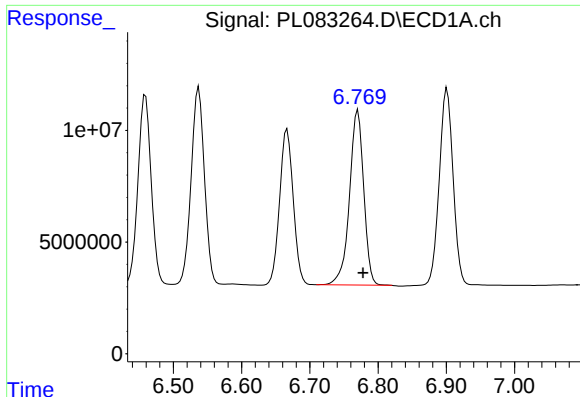
#16 4,4'-DDD

R.T.: 6.459 min  
Delta R.T.: -0.008 min  
Response: 114489145  
Conc: 52.69 ng/ml



#16 4,4'-DDD

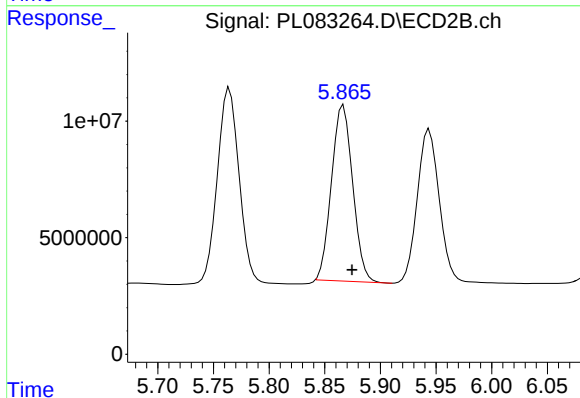
R.T.: 5.619 min  
Delta R.T.: -0.008 min  
Response: 102821392  
Conc: 53.46 ng/ml



#17 4,4'-DDT

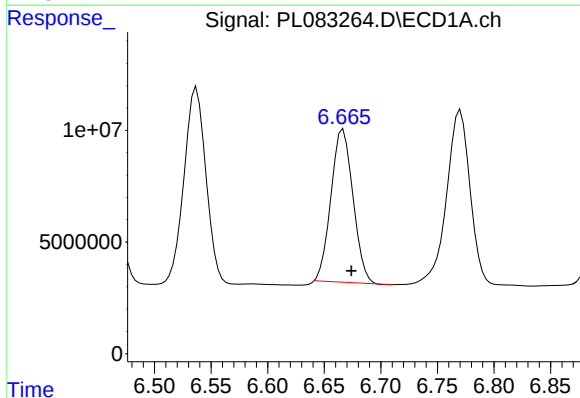
R.T.: 6.770 min  
Delta R.T.: -0.008 min  
Response: 113042927  
Conc: 45.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



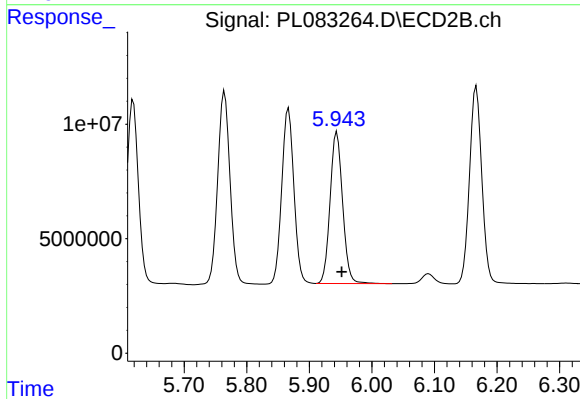
#17 4,4'-DDT

R.T.: 5.867 min  
Delta R.T.: -0.008 min  
Response: 100037288  
Conc: 44.84 ng/ml



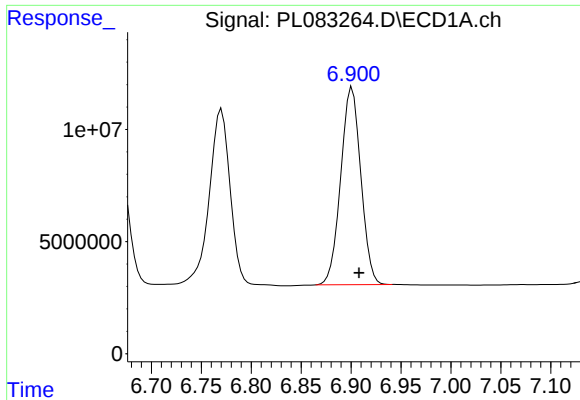
#18 Endrin aldehyde

R.T.: 6.667 min  
Delta R.T.: -0.007 min  
Response: 92636356  
Conc: 46.07 ng/ml



#18 Endrin aldehyde

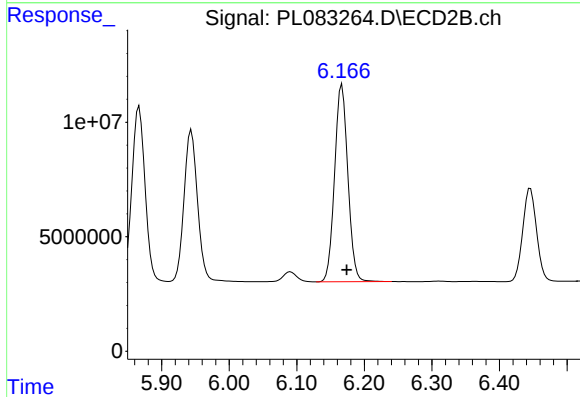
R.T.: 5.944 min  
Delta R.T.: -0.008 min  
Response: 92078716  
Conc: 46.56 ng/ml



#19 Endosulfan Sulfate

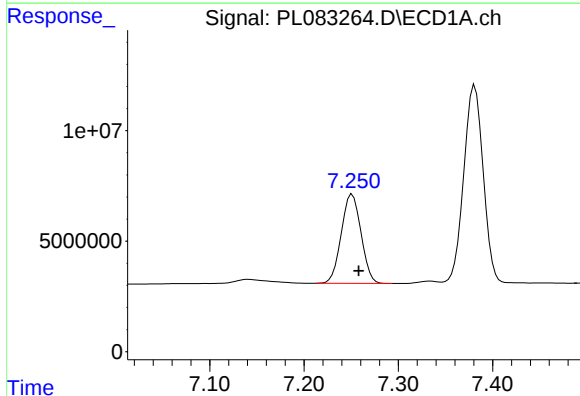
R.T.: 6.901 min  
Delta R.T.: -0.007 min  
Response: 123538440  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



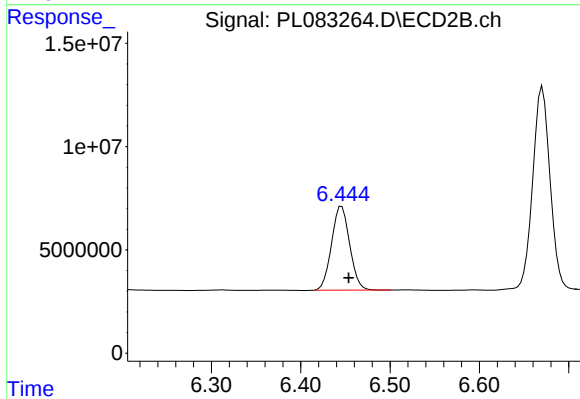
#19 Endosulfan Sulfate

R.T.: 6.167 min  
Delta R.T.: -0.007 min  
Response: 118083928  
Conc: 48.22 ng/ml



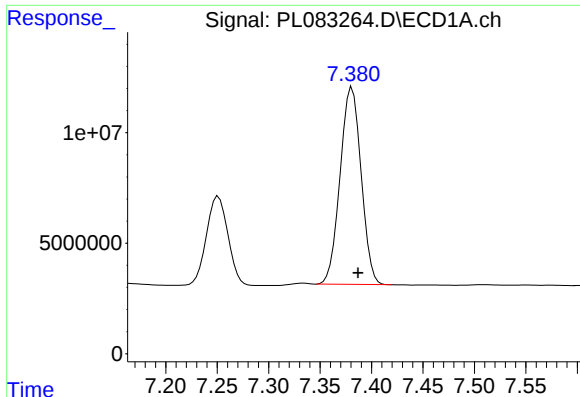
#20 Methoxychlor

R.T.: 7.251 min  
Delta R.T.: -0.007 min  
Response: 58773039  
Conc: 44.44 ng/ml



#20 Methoxychlor

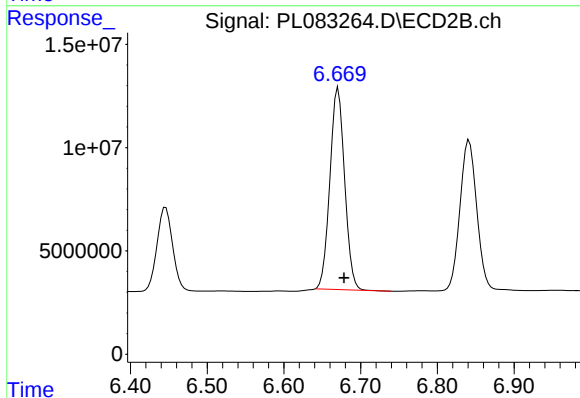
R.T.: 6.446 min  
Delta R.T.: -0.008 min  
Response: 57202292  
Conc: 44.98 ng/ml



#21 Endrin ketone

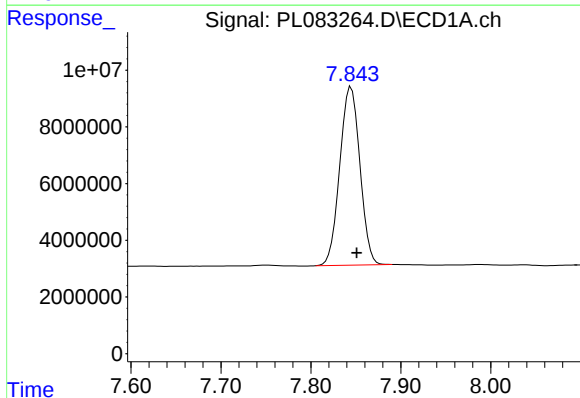
R.T.: 7.381 min  
Delta R.T.: -0.006 min  
Response: 126804752  
Conc: 49.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



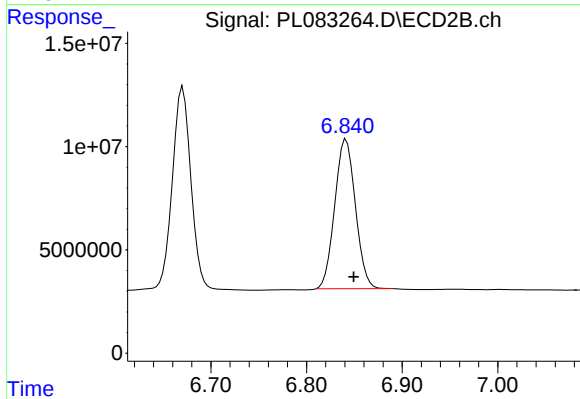
#21 Endrin ketone

R.T.: 6.671 min  
Delta R.T.: -0.008 min  
Response: 130031575  
Conc: 48.09 ng/ml



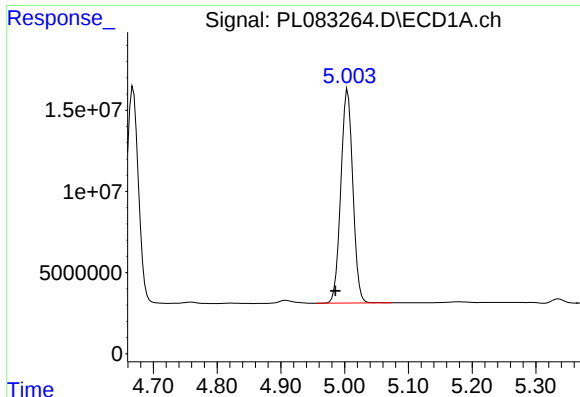
#22 Mirex

R.T.: 7.845 min  
Delta R.T.: -0.006 min  
Response: 97900551  
Conc: 46.71 ng/ml



#22 Mirex

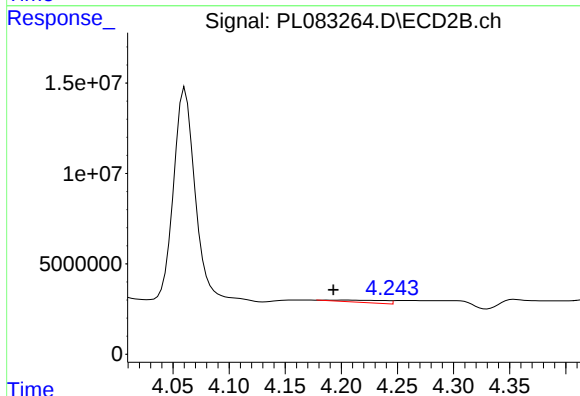
R.T.: 6.841 min  
Delta R.T.: -0.008 min  
Response: 108779282  
Conc: 46.49 ng/ml



#24 Chlordane-2

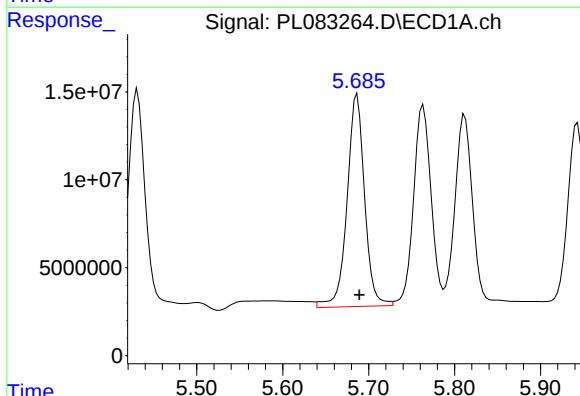
R.T.: 5.005 min  
Delta R.T.: 0.019 min  
Response: 172097722  
Conc: 1562.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



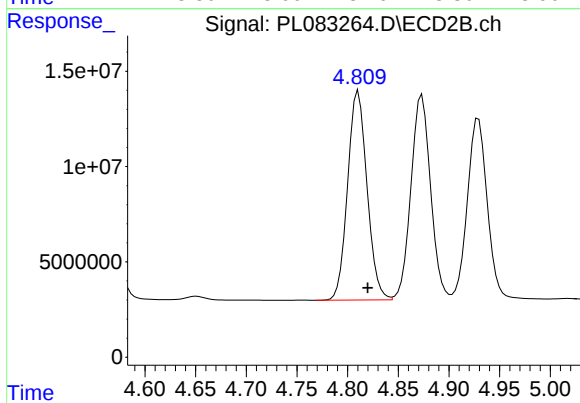
#24 Chlordane-2

R.T.: 4.204 min  
Delta R.T.: 0.011 min  
Response: 4050002  
Conc: 45.49 ng/ml



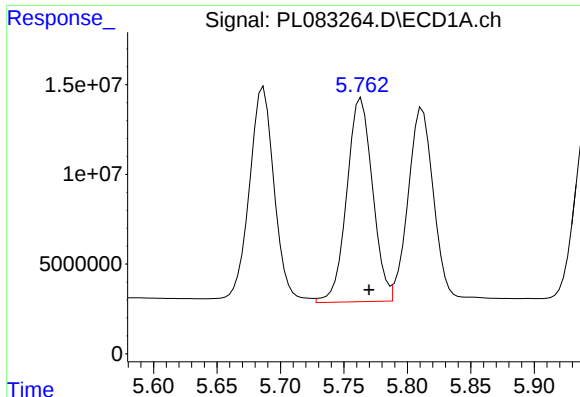
#25 Chlordane-3

R.T.: 5.687 min  
Delta R.T.: -0.003 min  
Response: 171264320  
Conc: 412.78 ng/ml



#25 Chlordane-3

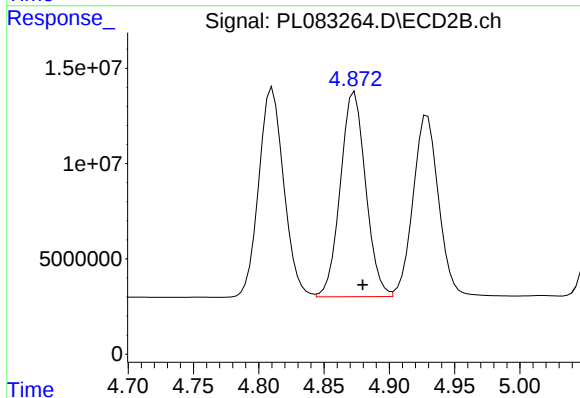
R.T.: 4.810 min  
Delta R.T.: -0.009 min  
Response: 146118446  
Conc: 548.28 ng/ml



#26 Chlordane-4

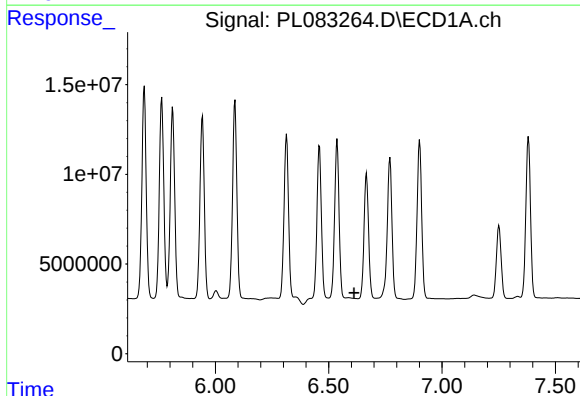
R.T.: 5.764 min  
Delta R.T.: -0.006 min  
Response: 160188829  
Conc: 316.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



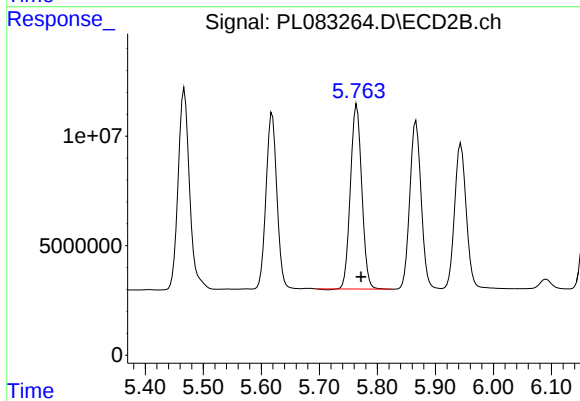
#26 Chlordane-4

R.T.: 4.873 min  
Delta R.T.: -0.006 min  
Response: 144965451  
Conc: 514.52 ng/ml



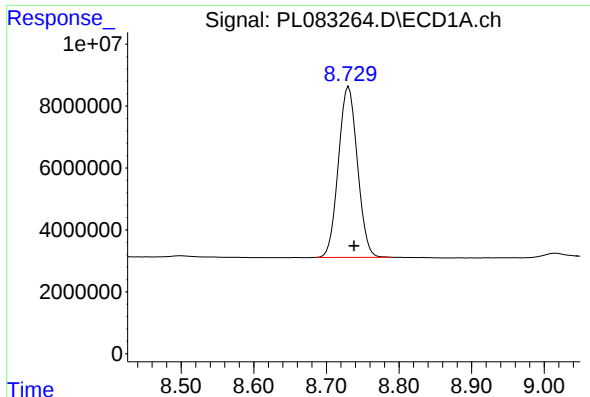
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

R.T.: 5.765 min  
Delta R.T.: -0.007 min  
Response: 114191150  
Conc: 1175.46 ng/ml



#28 Decachlorobiphenyl

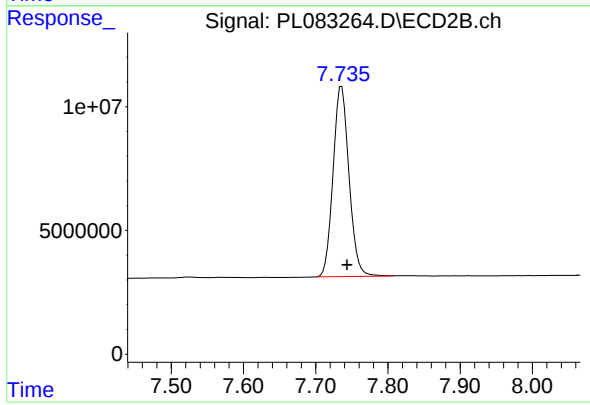
R.T.: 8.731 min

Delta R.T.: -0.007 min

Response: 100475439

Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.736 min

Delta R.T.: -0.008 min

Response: 117982971

Conc: 47.45 ng/ml