

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112023\  
 Data File : PL086760.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2023 13:51  
 Operator : AR\AJ  
 Sample : 05468-01MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-9MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 20:21:31 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 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... | 3.351 | 2.617 | 43535581 | 13534488 | 13.408 | 13.746   |
| 28)                         | SA Decachlor... | 8.849 | 7.765 | 34155326 | 15937778 | 11.668 | 13.198   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.805 | 3.115 | 215.7E6  | 63606962 | 44.850 | 47.719   |
| 3)                          | MA gamma-BHC... | 4.136 | 3.442 | 203.6E6  | 60505791 | 43.275 | 45.592   |
| 4)                          | MA Heptachlor   | 4.722 | 3.778 | 210.8E6  | 64669294 | 46.208 | 48.310   |
| 5)                          | MB Aldrin       | 5.062 | 4.054 | 196.1E6  | 60340624 | 43.311 | 46.370   |
| 6)                          | B beta-BHC      | 4.340 | 3.745 | 89174460 | 27559280 | 44.090 | 46.237   |
| 7)                          | B delta-BHC     | 4.583 | 3.969 | 197.3E6  | 60089922 | 42.980 | 45.931   |
| 8)                          | B Heptachlo...  | 5.492 | 4.559 | 174.1E6  | 56811036 | 44.791 | 47.302   |
| 9)                          | A Endosulfan I  | 5.876 | 4.926 | 165.8E6  | 54181948 | 44.197 | 47.121   |
| 10)                         | B gamma-Chl...  | 5.750 | 4.810 | 179.9E6  | 59679498 | 43.907 | 48.371   |
| 11)                         | B alpha-Chl...  | 5.829 | 4.874 | 177.4E6  | 58796401 | 43.702 | 47.019   |
| 12)                         | B 4,4'-DDE      | 6.012 | 5.073 | 154.7E6  | 51536294 | 44.609 | 50.205   |
| 13)                         | MA Dieldrin     | 6.153 | 5.191 | 167.5E6  | 55309329 | 42.599 | 46.355   |
| 14)                         | MA Endrin       | 6.381 | 5.465 | 148.2E6  | 52522977 | 43.016 | 47.952   |
| 15)                         | B Endosulfa...  | 6.604 | 5.763 | 113.2E6  | 48613316 | 31.857 | 44.292 # |
| 16)                         | A 4,4'-DDD      | 6.532 | 5.629 | 122.0E6  | 41617824 | 45.815 | 48.849   |
| 17)                         | MA 4,4'-DDT     | 6.847 | 5.879 | 129.5E6  | 46760416 | 43.682 | 47.833   |
| 18)                         | B Endrin al...  | 6.735 | 5.945 | 108.1E6  | 40830965 | 40.788 | 43.588   |
| 19)                         | B Endosulfa...  | 6.972 | 6.169 | 136.6E6  | 50441679 | 40.699 | 46.440   |
| 20)                         | A Methoxychlor  | 7.333 | 6.464 | 65854265 | 26825626 | 41.265 | 44.846   |
| 21)                         | B Endrin ke...  | 7.453 | 6.670 | 139.7E6  | 58910159 | 40.987 | 45.976   |
| 22)                         | Mirex           | 7.926 | 6.846 | 109.2E6  | 48041847 | 38.655 | 42.263   |
| -----                       |                 |       |       |          |          |        |          |

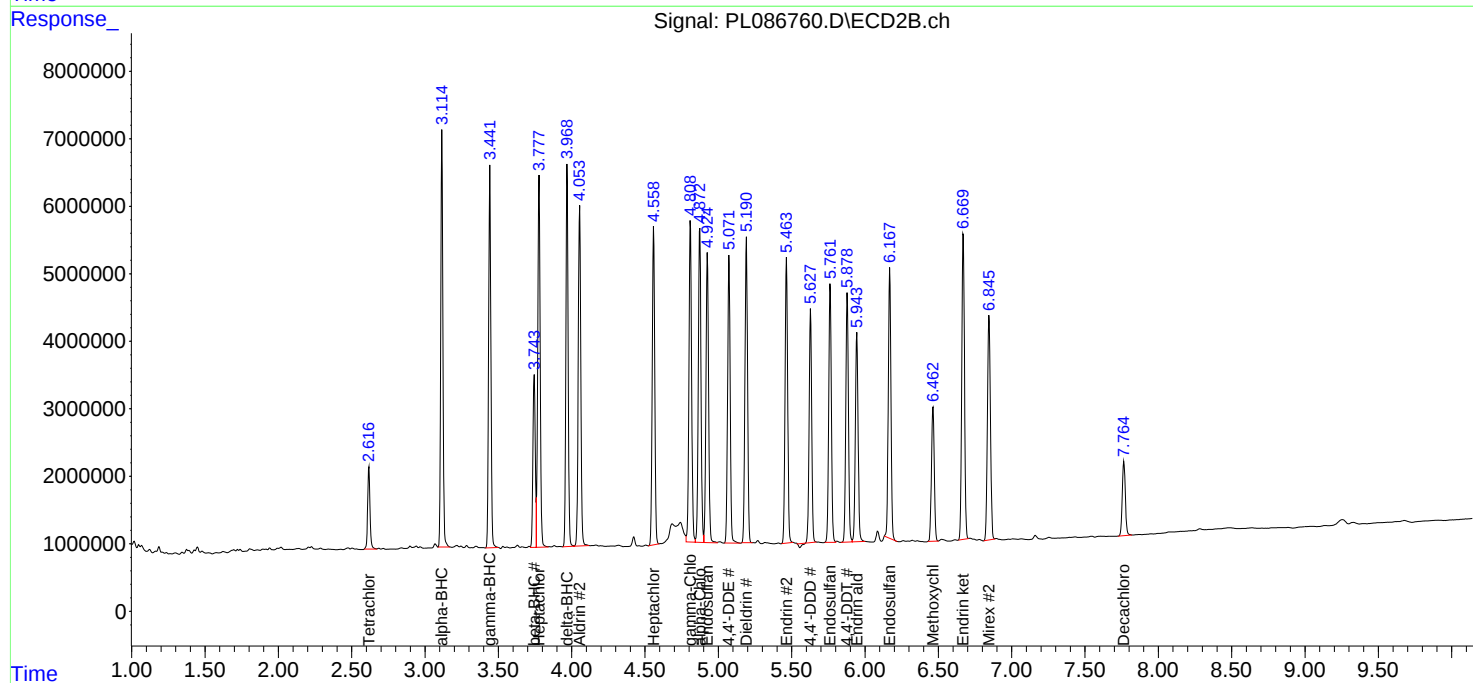
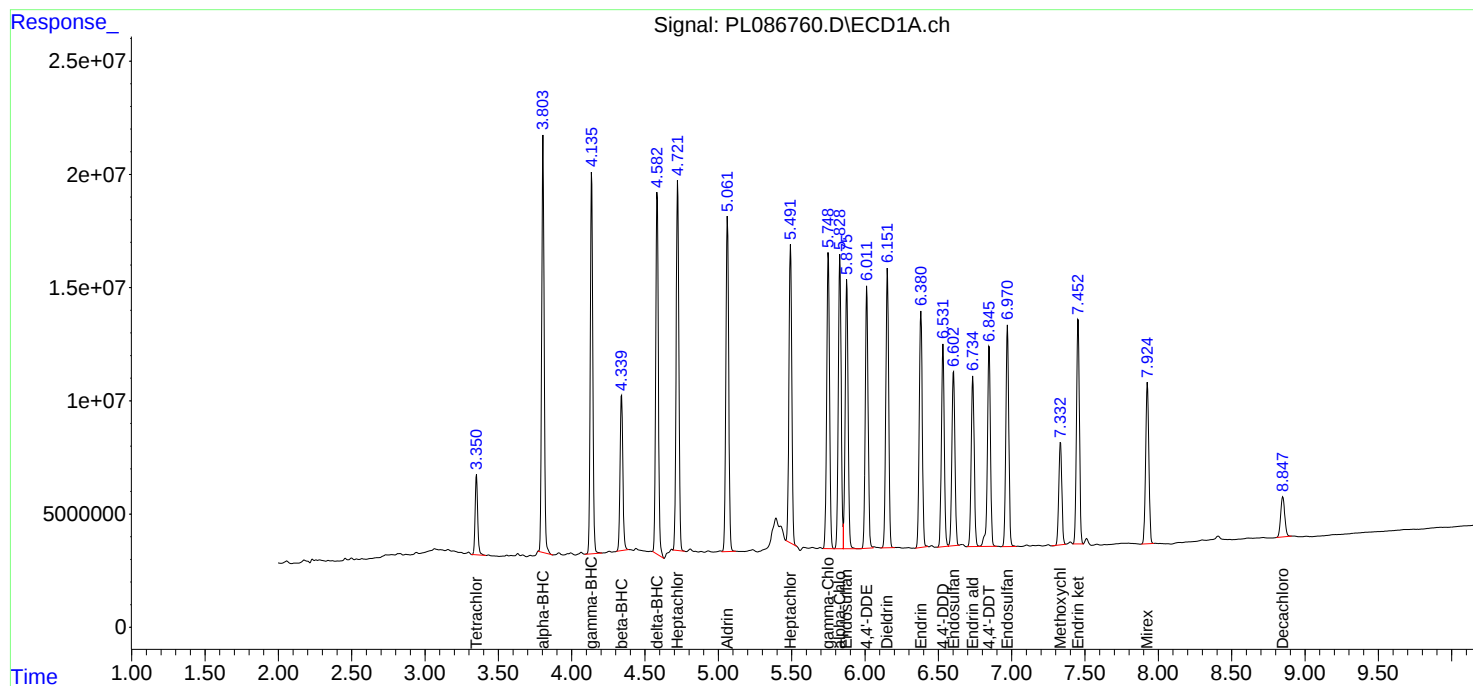
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

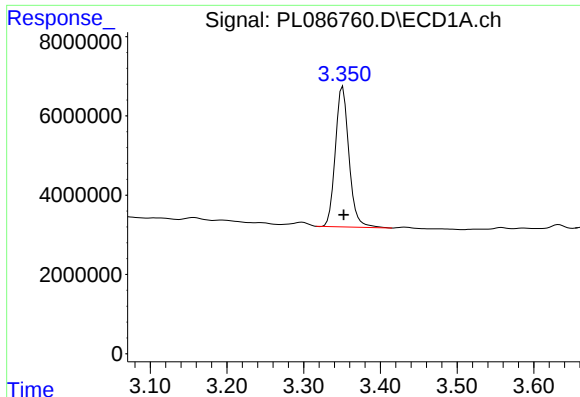
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112023\  
Data File : PL086760.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2023 13:51  
Operator : AR\AJ  
Sample : 05468-01MS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 20:21:31 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 13:04:14 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

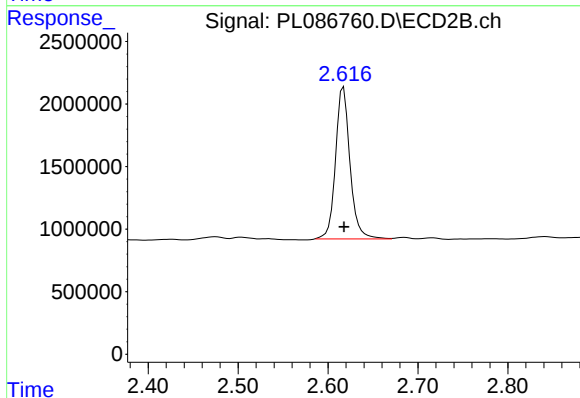




#1 Tetrachloro-m-xylene

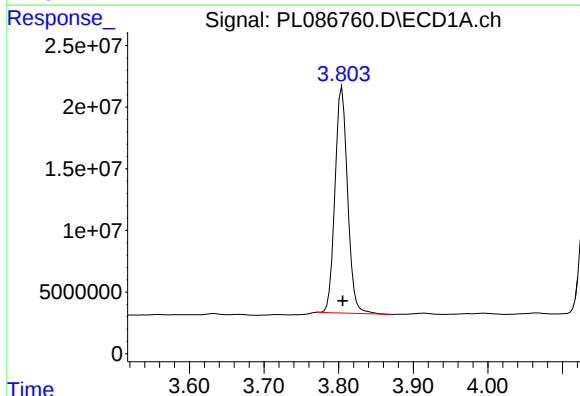
R.T.: 3.351 min  
Delta R.T.: -0.001 min  
Response: 43535581  
Conc: 13.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



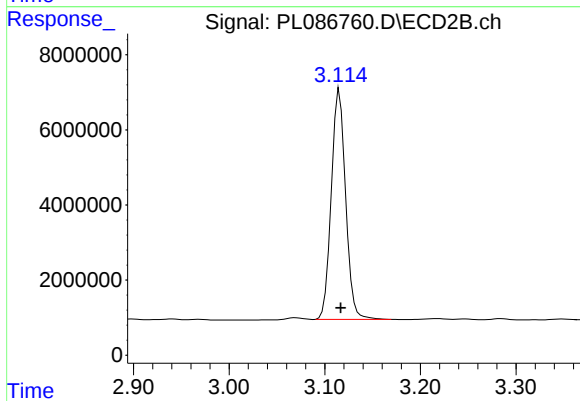
#1 Tetrachloro-m-xylene

R.T.: 2.617 min  
Delta R.T.: 0.000 min  
Response: 13534488  
Conc: 13.75 ng/ml



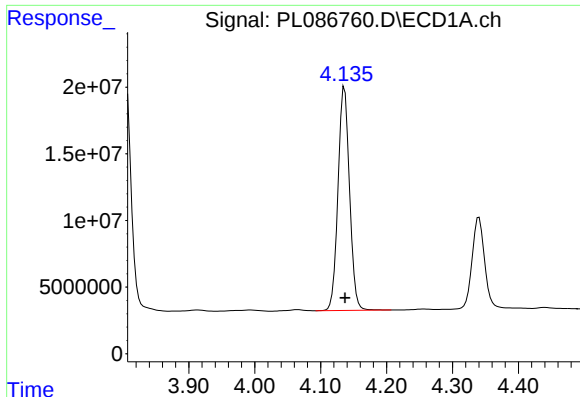
#2 alpha-BHC

R.T.: 3.805 min  
Delta R.T.: 0.000 min  
Response: 215745561  
Conc: 44.85 ng/ml



#2 alpha-BHC

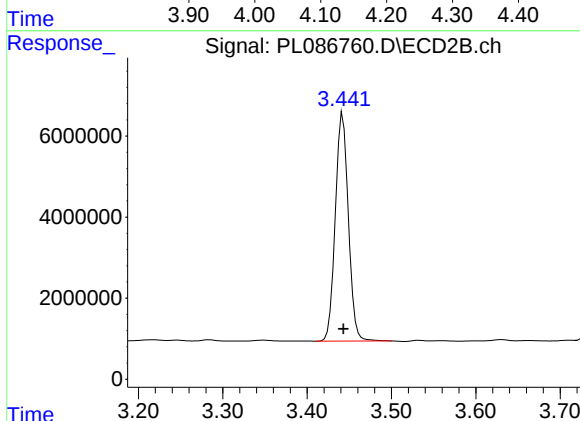
R.T.: 3.115 min  
Delta R.T.: -0.001 min  
Response: 63606962  
Conc: 47.72 ng/ml



#3 gamma-BHC (Lindane)

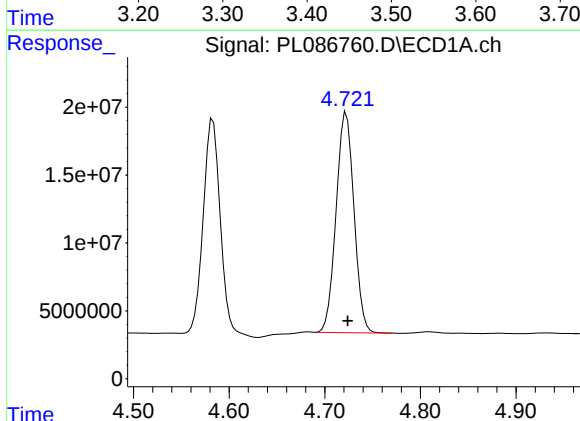
R.T.: 4.136 min  
Delta R.T.: 0.000 min  
Response: 203594680  
Conc: 43.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



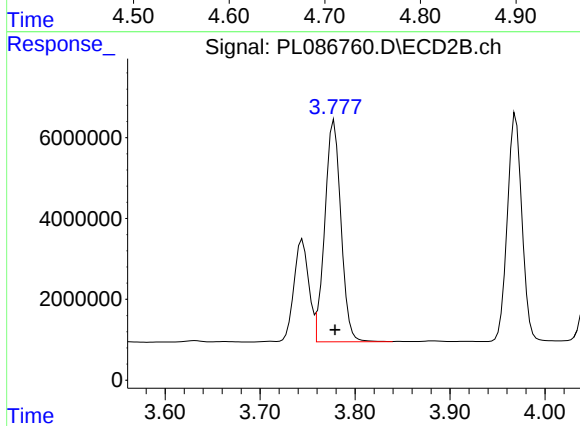
#3 gamma-BHC (Lindane)

R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 60505791  
Conc: 45.59 ng/ml



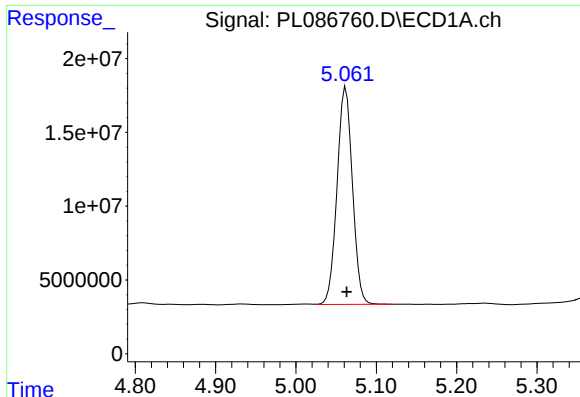
#4 Heptachlor

R.T.: 4.722 min  
Delta R.T.: -0.002 min  
Response: 210798112  
Conc: 46.21 ng/ml



#4 Heptachlor

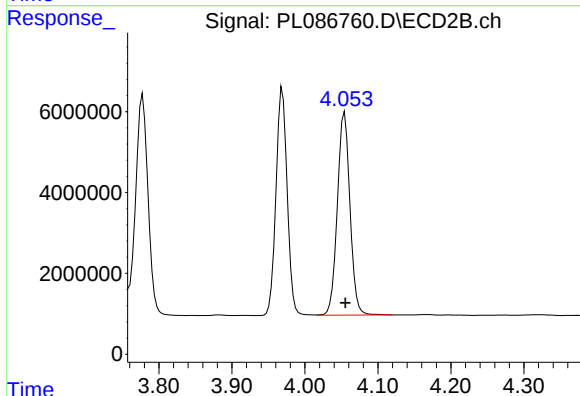
R.T.: 3.778 min  
Delta R.T.: -0.001 min  
Response: 64669294  
Conc: 48.31 ng/ml



#5 Aldrin

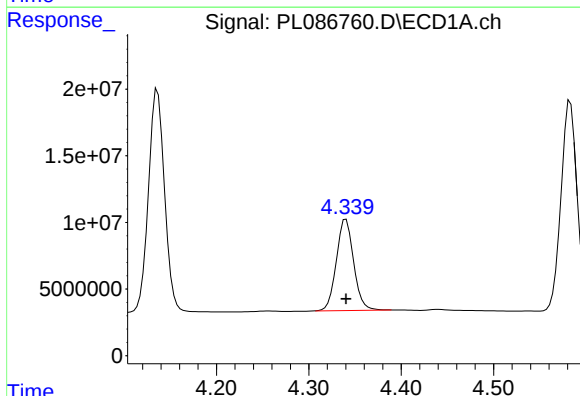
R.T.: 5.062 min  
Delta R.T.: -0.001 min  
Response: 196084439  
Conc: 43.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



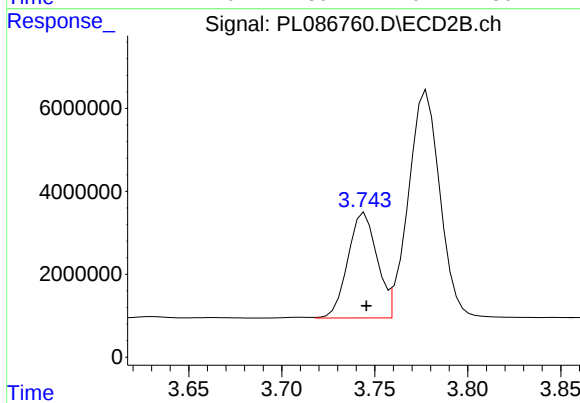
#5 Aldrin

R.T.: 4.054 min  
Delta R.T.: -0.001 min  
Response: 60340624  
Conc: 46.37 ng/ml



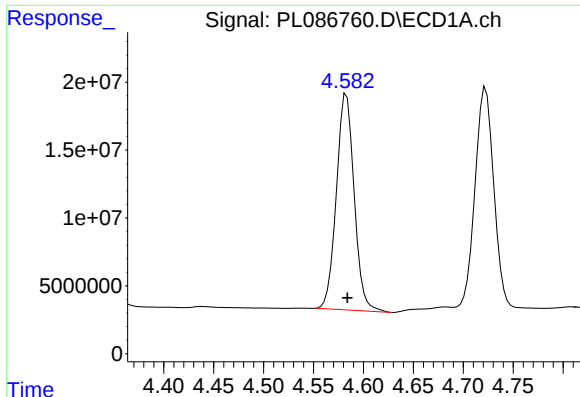
#6 beta-BHC

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 89174460  
Conc: 44.09 ng/ml



#6 beta-BHC

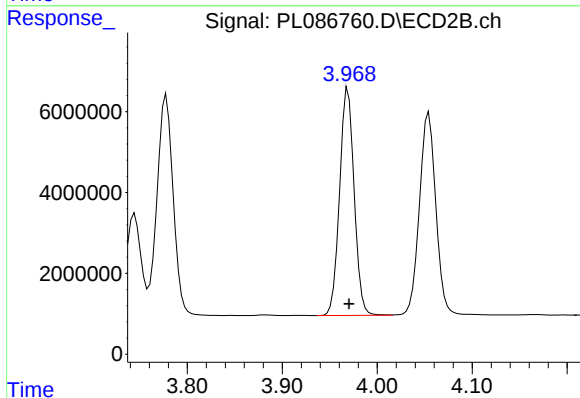
R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 27559280  
Conc: 46.24 ng/ml



#7 delta-BHC

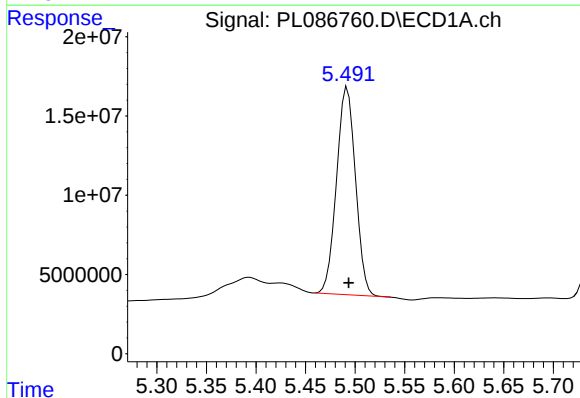
R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 197338349  
Conc: 42.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



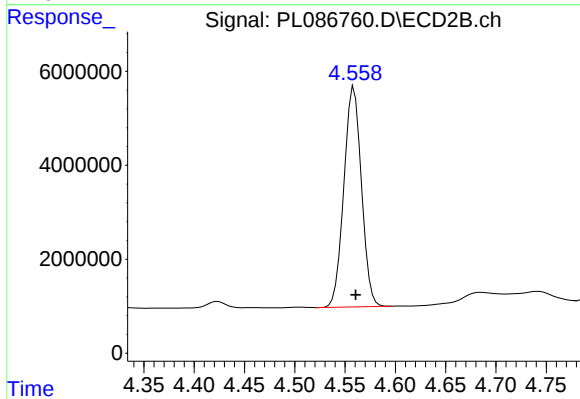
#7 delta-BHC

R.T.: 3.969 min  
Delta R.T.: -0.001 min  
Response: 60089922  
Conc: 45.93 ng/ml



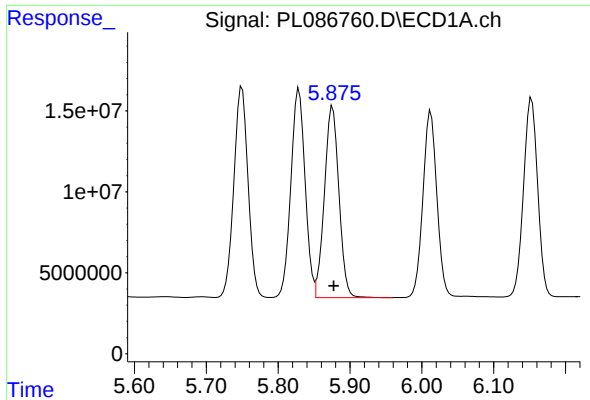
#8 Heptachlor epoxide

R.T.: 5.492 min  
Delta R.T.: -0.001 min  
Response: 174116242  
Conc: 44.79 ng/ml



#8 Heptachlor epoxide

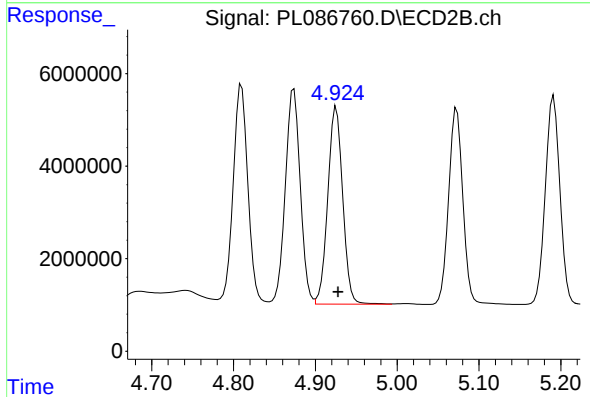
R.T.: 4.559 min  
Delta R.T.: -0.002 min  
Response: 56811036  
Conc: 47.30 ng/ml



#9 Endosulfan I

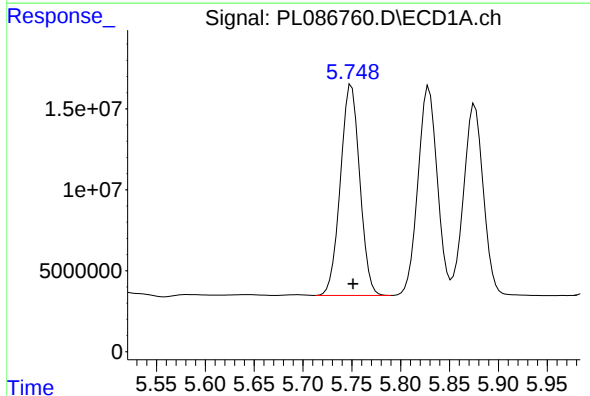
R.T.: 5.876 min  
Delta R.T.: -0.002 min  
Response: 165810477  
Conc: 44.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



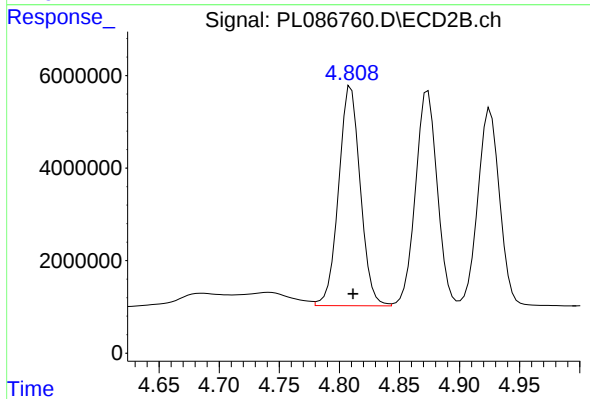
#9 Endosulfan I

R.T.: 4.926 min  
Delta R.T.: -0.002 min  
Response: 54181948  
Conc: 47.12 ng/ml



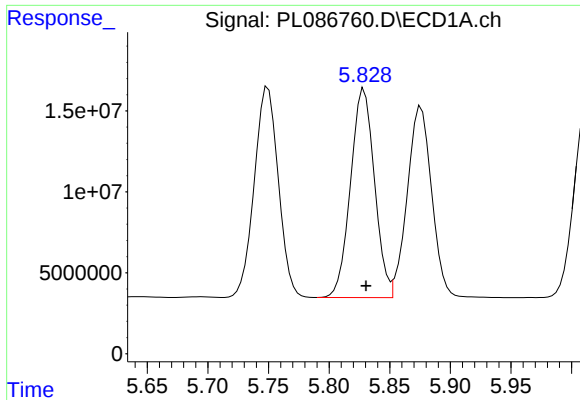
#10 gamma-Chlordane

R.T.: 5.750 min  
Delta R.T.: -0.002 min  
Response: 179898074  
Conc: 43.91 ng/ml



#10 gamma-Chlordane

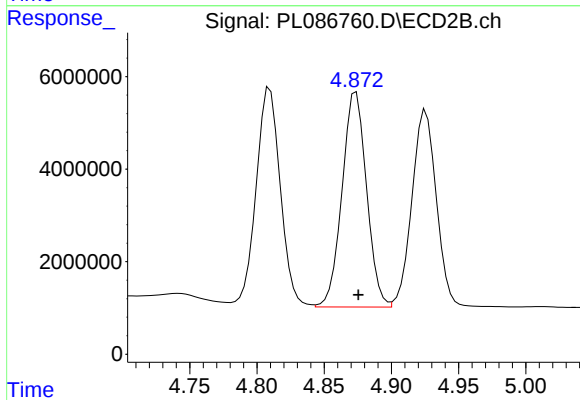
R.T.: 4.810 min  
Delta R.T.: -0.002 min  
Response: 59679498  
Conc: 48.37 ng/ml



#11 alpha-Chlordane

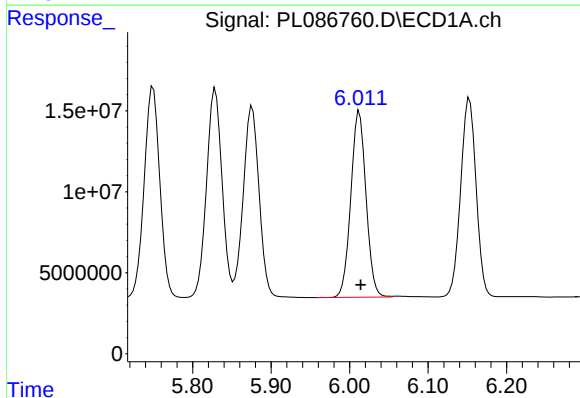
R.T.: 5.829 min  
Delta R.T.: -0.002 min  
Response: 177425486  
Conc: 43.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



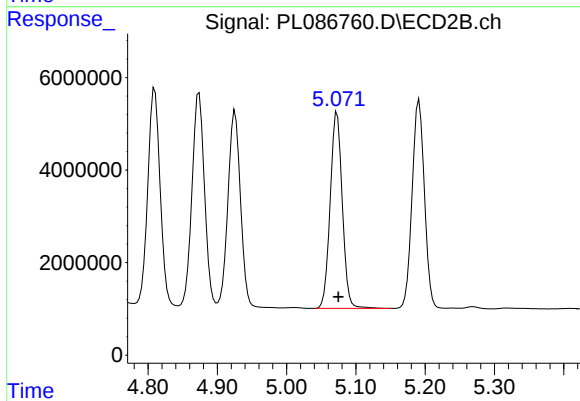
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.002 min  
Response: 58796401  
Conc: 47.02 ng/ml



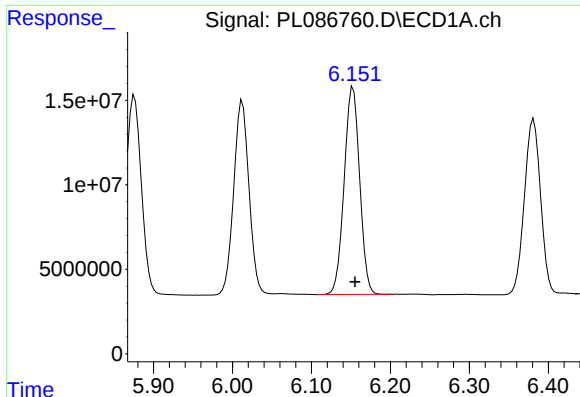
#12 4,4'-DDE

R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 154717233  
Conc: 44.61 ng/ml



#12 4,4'-DDE

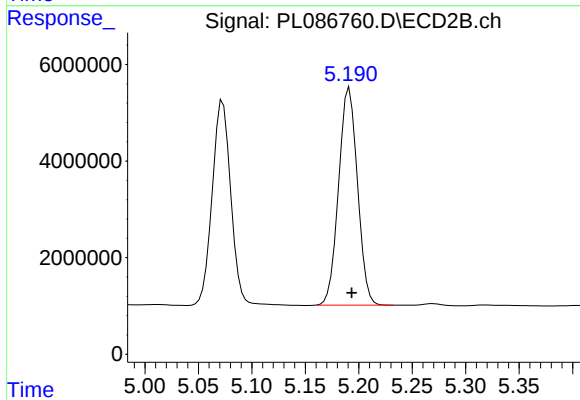
R.T.: 5.073 min  
Delta R.T.: -0.002 min  
Response: 51536294  
Conc: 50.20 ng/ml



#13 Dieldrin

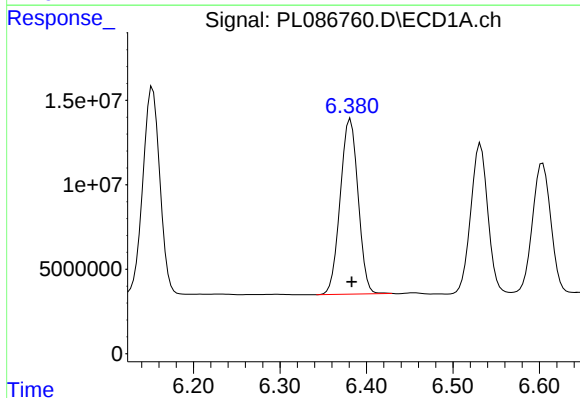
R.T.: 6.153 min  
Delta R.T.: -0.003 min  
Response: 167497724  
Conc: 42.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



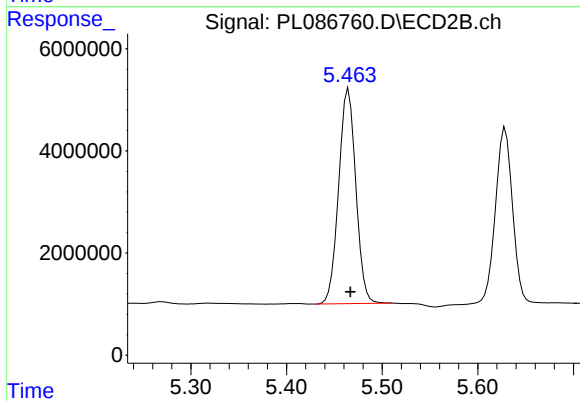
#13 Dieldrin

R.T.: 5.191 min  
Delta R.T.: -0.002 min  
Response: 55309329  
Conc: 46.35 ng/ml



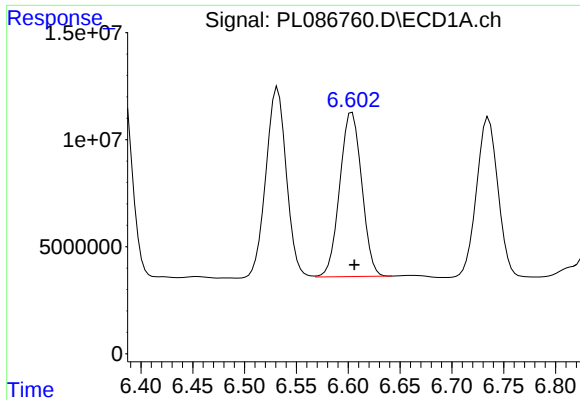
#14 Endrin

R.T.: 6.381 min  
Delta R.T.: -0.001 min  
Response: 148162043  
Conc: 43.02 ng/ml



#14 Endrin

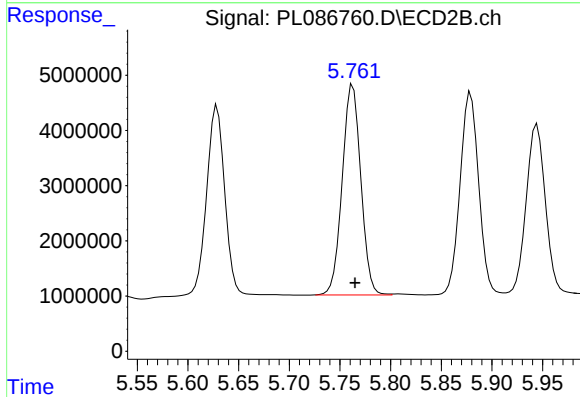
R.T.: 5.465 min  
Delta R.T.: -0.002 min  
Response: 52522977  
Conc: 47.95 ng/ml



#15 Endosulfan II

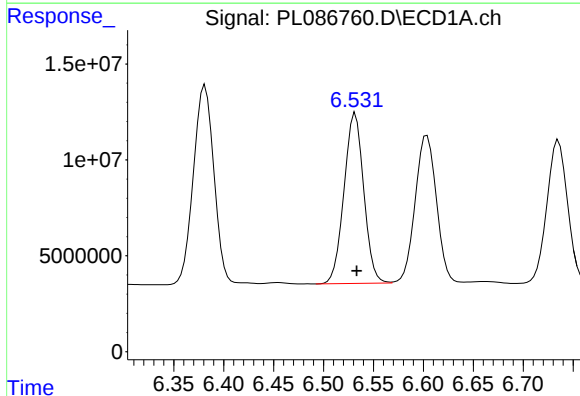
R.T.: 6.604 min  
Delta R.T.: -0.002 min  
Response: 113232035  
Conc: 31.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



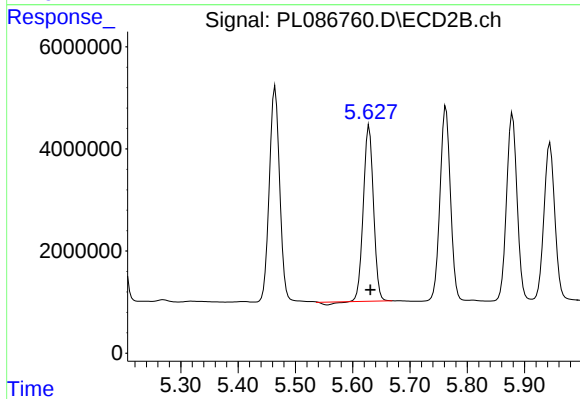
#15 Endosulfan II

R.T.: 5.763 min  
Delta R.T.: -0.002 min  
Response: 48613316  
Conc: 44.29 ng/ml



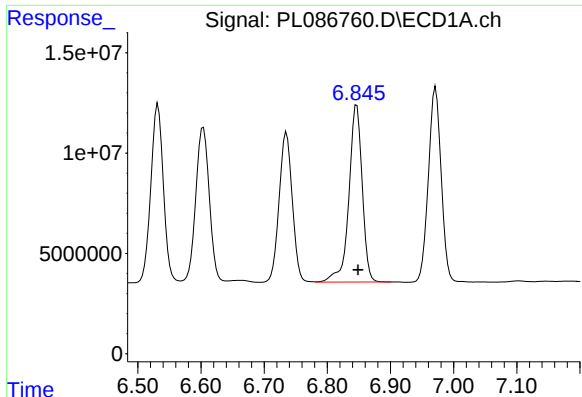
#16 4,4'-DDD

R.T.: 6.532 min  
Delta R.T.: -0.001 min  
Response: 121994461  
Conc: 45.82 ng/ml



#16 4,4'-DDD

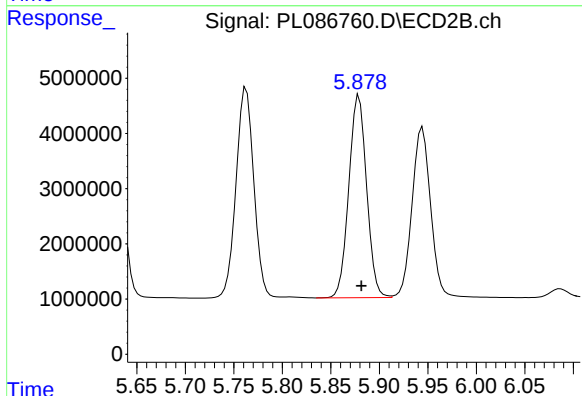
R.T.: 5.629 min  
Delta R.T.: -0.002 min  
Response: 41617824  
Conc: 48.85 ng/ml



#17 4,4'-DDT

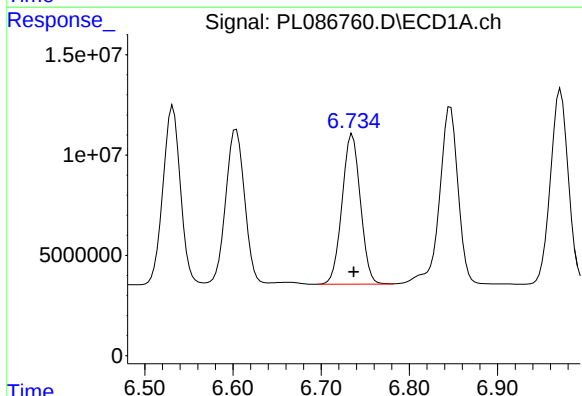
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 129488621  
Conc: 43.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



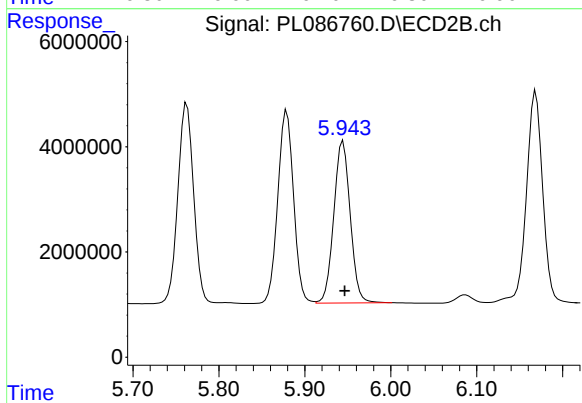
#17 4,4'-DDT

R.T.: 5.879 min  
Delta R.T.: -0.002 min  
Response: 46760416  
Conc: 47.83 ng/ml



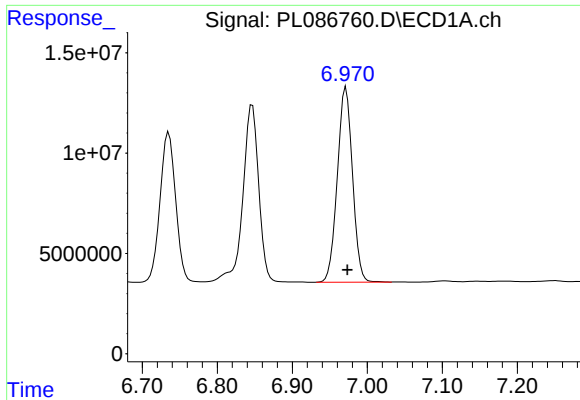
#18 Endrin aldehyde

R.T.: 6.735 min  
Delta R.T.: -0.002 min  
Response: 108135883  
Conc: 40.79 ng/ml



#18 Endrin aldehyde

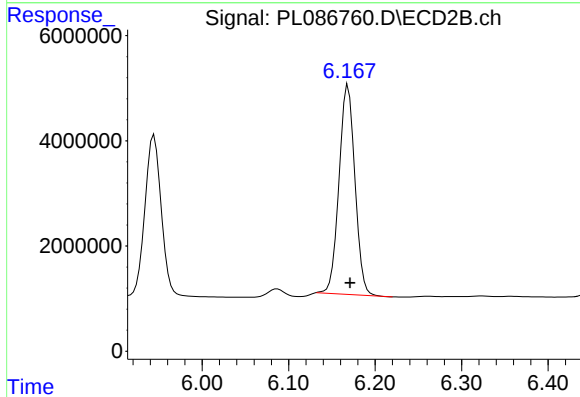
R.T.: 5.945 min  
Delta R.T.: -0.002 min  
Response: 40830965  
Conc: 43.59 ng/ml



#19 Endosulfan Sulfate

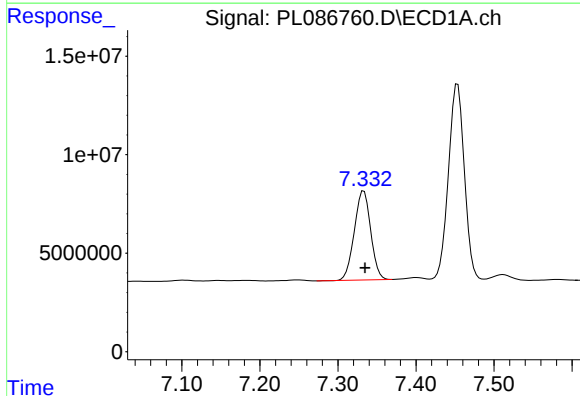
R.T.: 6.972 min  
Delta R.T.: -0.002 min  
Response: 136599918  
Conc: 40.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



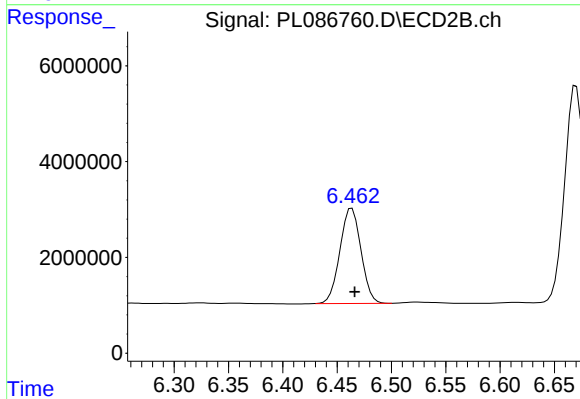
#19 Endosulfan Sulfate

R.T.: 6.169 min  
Delta R.T.: -0.002 min  
Response: 50441679  
Conc: 46.44 ng/ml



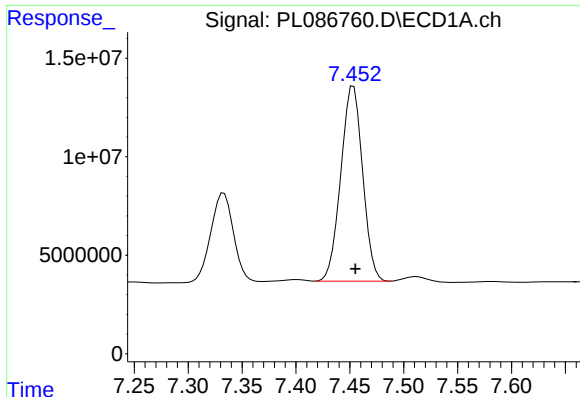
#20 Methoxychlor

R.T.: 7.333 min  
Delta R.T.: -0.001 min  
Response: 65854265  
Conc: 41.27 ng/ml



#20 Methoxychlor

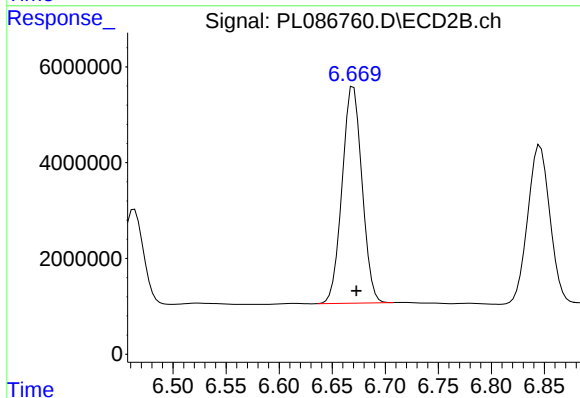
R.T.: 6.464 min  
Delta R.T.: -0.003 min  
Response: 26825626  
Conc: 44.85 ng/ml



#21 Endrin ketone

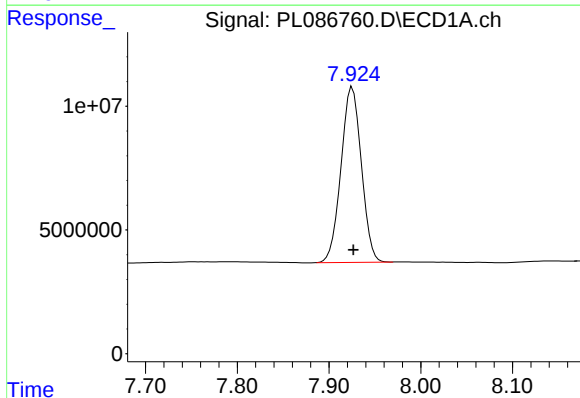
R.T.: 7.453 min  
Delta R.T.: -0.002 min  
Response: 139685141  
Conc: 40.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



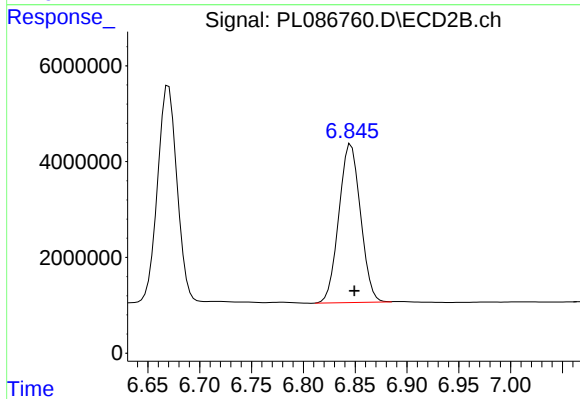
#21 Endrin ketone

R.T.: 6.670 min  
Delta R.T.: -0.003 min  
Response: 58910159  
Conc: 45.98 ng/ml



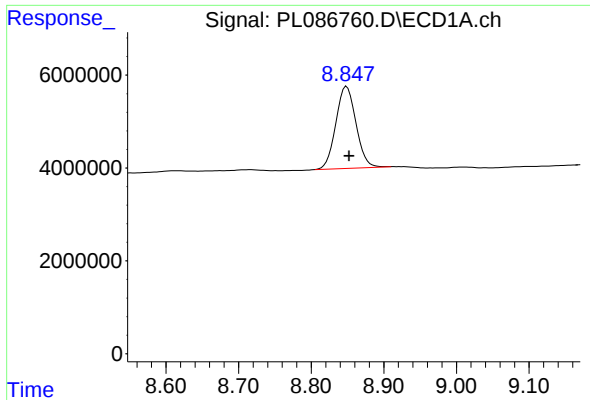
#22 Mirex

R.T.: 7.926 min  
Delta R.T.: 0.000 min  
Response: 109168726  
Conc: 38.66 ng/ml



#22 Mirex

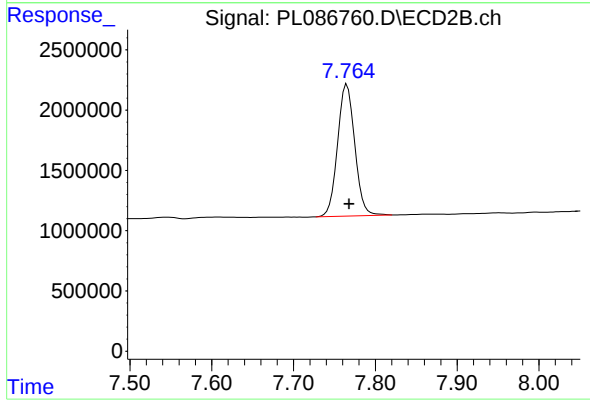
R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 48041847  
Conc: 42.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.849 min  
Delta R.T.: -0.004 min  
Response: 34155326  
Conc: 11.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-9MS



#28 Decachlorobiphenyl

R.T.: 7.765 min  
Delta R.T.: -0.002 min  
Response: 15937778  
Conc: 13.20 ng/ml