

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040323\  
 Data File : PL081844.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Apr 2023 16:49  
 Operator : AR\AJ  
 Sample : PEST/SPIK50PPB  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEST/SPIK50PPB

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 21:47:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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 |                 |       |       |          |          |        |        |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.784 | 3.153 | 176.1E6  | 147.3E6  | 51.370 | 50.539 |
| 3)                          | MA gamma-BHC... | 4.112 | 3.481 | 167.3E6  | 145.1E6  | 52.671 | 52.119 |
| 4)                          | MA Heptachlor   | 4.692 | 3.814 | 151.7E6  | 141.6E6  | 48.120 | 49.402 |
| 5)                          | MB Aldrin       | 5.028 | 4.092 | 149.9E6  | 139.8E6  | 52.394 | 52.482 |
| 6)                          | B beta-BHC      | 4.315 | 3.780 | 70690065 | 60177353 | 46.967 | 50.527 |
| 7)                          | B delta-BHC     | 4.556 | 4.007 | 162.3E6  | 139.3E6  | 53.391 | 53.868 |
| 8)                          | B Heptachlo...  | 5.454 | 4.594 | 136.2E6  | 129.7E6  | 50.085 | 53.394 |
| 9)                          | A Endosulfan I  | 5.835 | 4.961 | 118.1E6  | 120.4E6  | 47.797 | 54.556 |
| 10)                         | B gamma-Chl...  | 5.709 | 4.843 | 130.2E6  | 129.3E6  | 49.585 | 53.210 |
| 11)                         | B alpha-Chl...  | 5.787 | 4.906 | 128.6E6  | 129.9E6  | 49.698 | 53.492 |
| 12)                         | B 4,4'-DDE      | 5.965 | 5.097 | 111.4E6  | 108.8E6  | 49.452 | 55.236 |
| 13)                         | MA Dieldrin     | 6.110 | 5.226 | 124.9E6  | 124.2E6  | 51.584 | 55.210 |
| 14)                         | MA Endrin       | 6.337 | 5.501 | 101.0E6  | 104.7E6  | 47.746 | 51.747 |
| 15)                         | B Endosulfa...  | 6.559 | 5.797 | 104.9E6  | 103.0E6  | 49.447 | 56.798 |
| 16)                         | A 4,4'-DDD      | 6.480 | 5.652 | 92534512 | 96747541 | 51.309 | 63.753 |
| 17)                         | MA 4,4'-DDT     | 6.791 | 5.901 | 89278748 | 86654435 | 43.988 | 50.285 |
| 18)                         | B Endrin al...  | 6.688 | 5.978 | 88625715 | 86886054 | 54.169 | 55.948 |
| 19)                         | B Endosulfa...  | 6.922 | 6.200 | 101.6E6  | 102.1E6  | 48.772 | 52.484 |
| 20)                         | A Methoxychlor  | 7.272 | 6.480 | 49031456 | 49861722 | 45.530 | 50.060 |
| 21)                         | B Endrin ke...  | 7.402 | 6.706 | 108.1E6  | 117.0E6  | 51.587 | 54.762 |
| 22)                         | Mirex           | 7.867 | 6.879 | 81324833 | 95767490 | 47.467 | 49.886 |
| -----                       |                 |       |       |          |          |        |        |

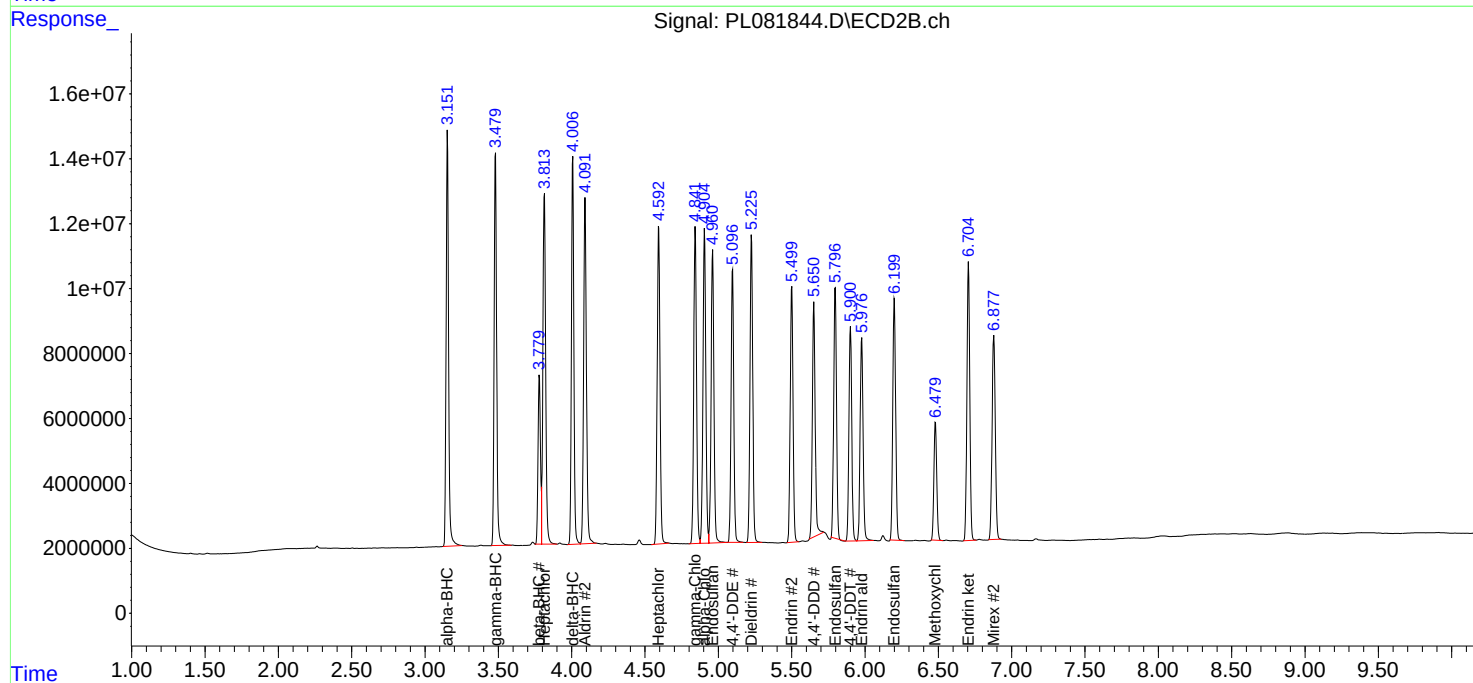
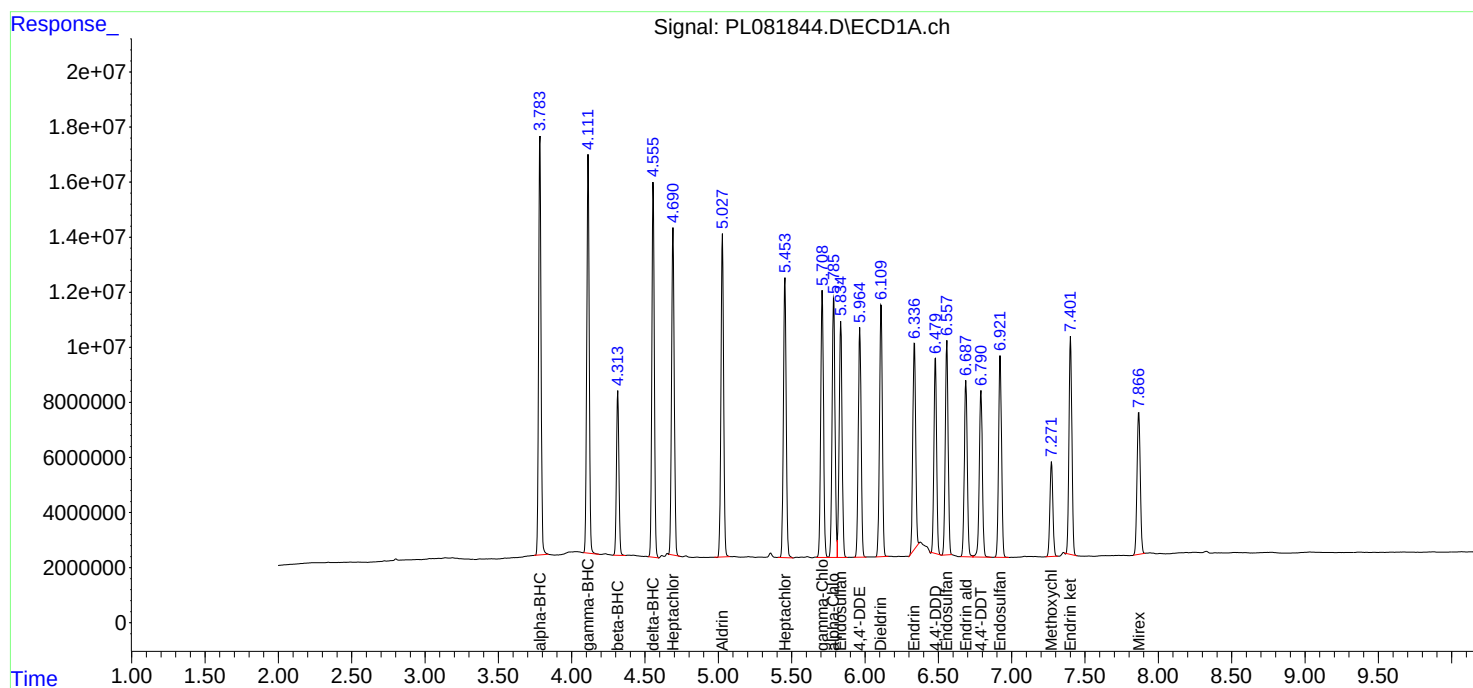
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

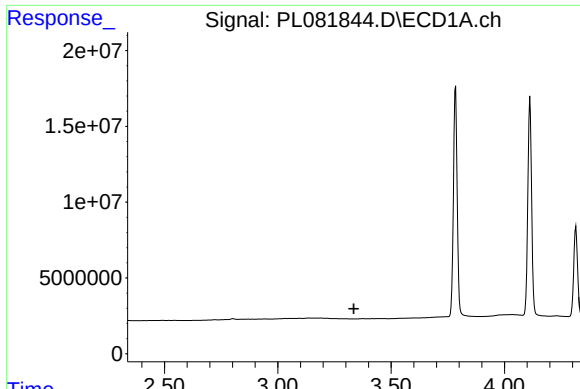
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040323\  
Data File : PL081844.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Apr 2023 16:49  
Operator : AR\AJ  
Sample : PEST/SPIK50PPB  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 21:47:49 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

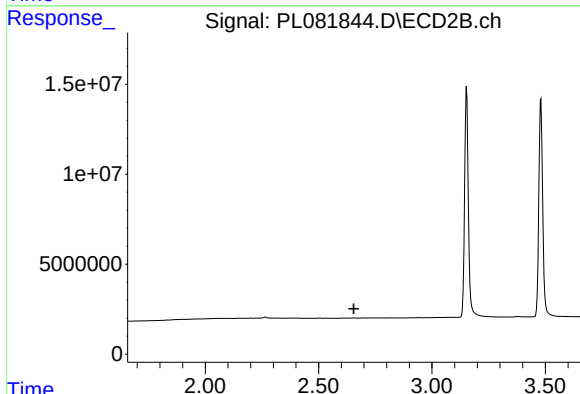




#1 Tetrachloro-m-xylene

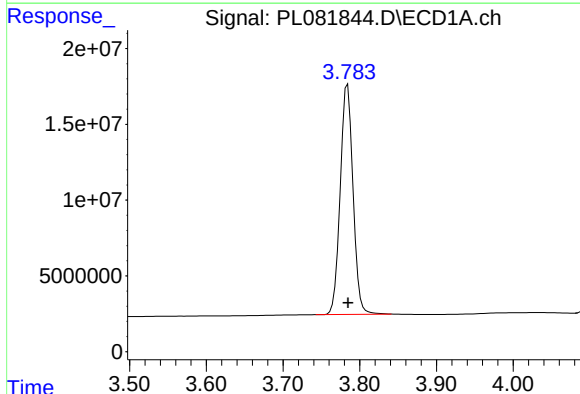
R.T.: 0.000 min  
Exp R.T.: 3.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



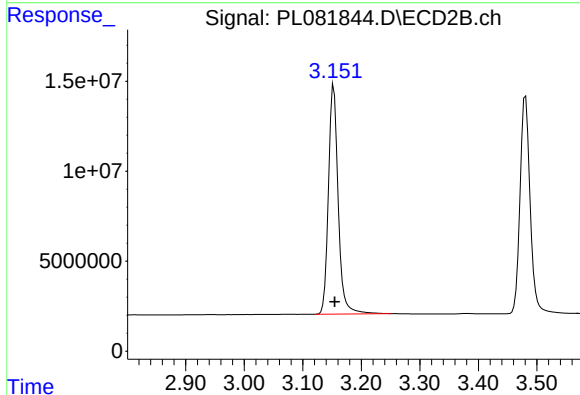
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T.: 2.656 min  
Response: 0  
Conc: N.D.



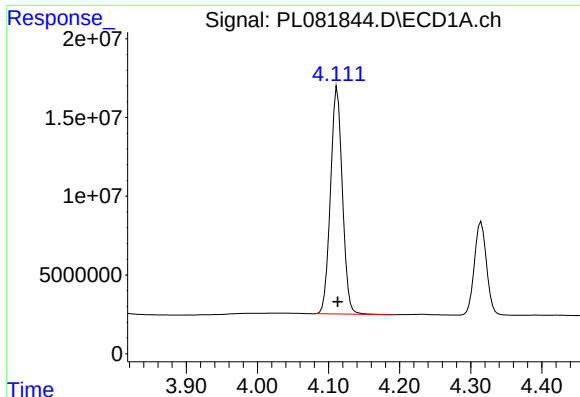
#2 alpha-BHC

R.T.: 3.784 min  
Delta R.T.: 0.000 min  
Response: 176115798  
Conc: 51.37 ng/ml



#2 alpha-BHC

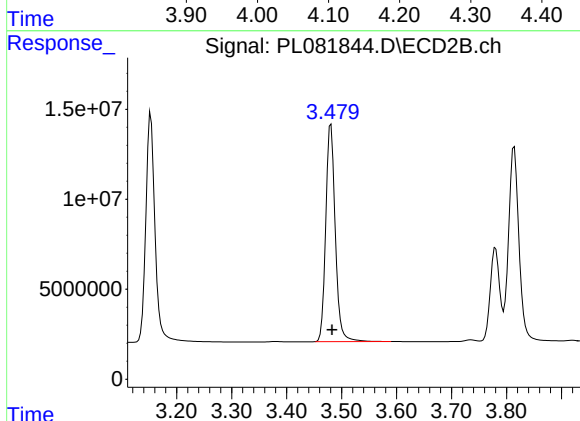
R.T.: 3.153 min  
Delta R.T.: -0.002 min  
Response: 147321807  
Conc: 50.54 ng/ml



#3 gamma-BHC (Lindane)

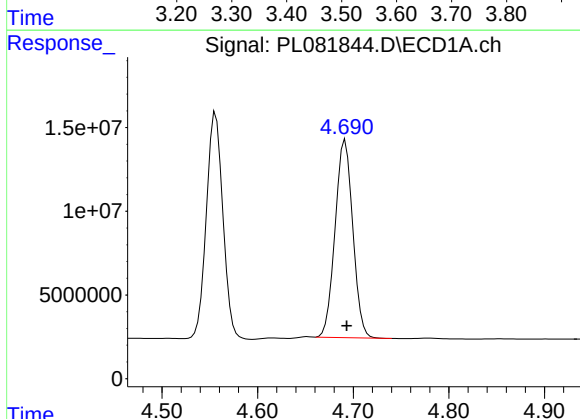
R.T.: 4.112 min  
Delta R.T.: 0.000 min  
Response: 167328368  
Conc: 52.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



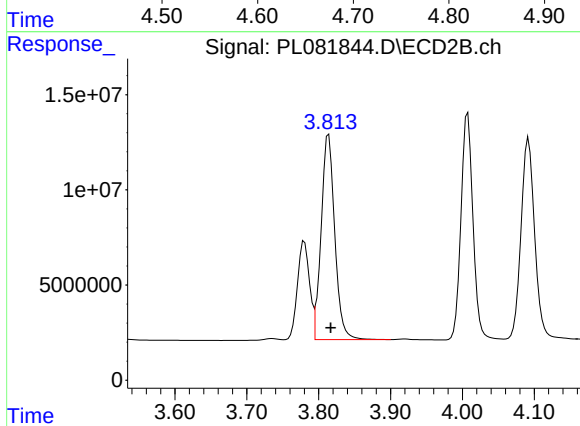
#3 gamma-BHC (Lindane)

R.T.: 3.481 min  
Delta R.T.: -0.002 min  
Response: 145111828  
Conc: 52.12 ng/ml



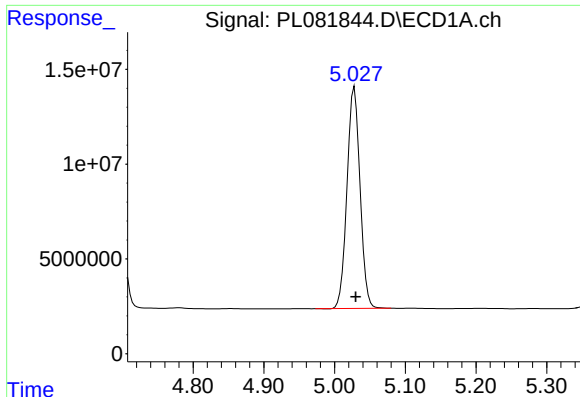
#4 Heptachlor

R.T.: 4.692 min  
Delta R.T.: -0.002 min  
Response: 151681967  
Conc: 48.12 ng/ml



#4 Heptachlor

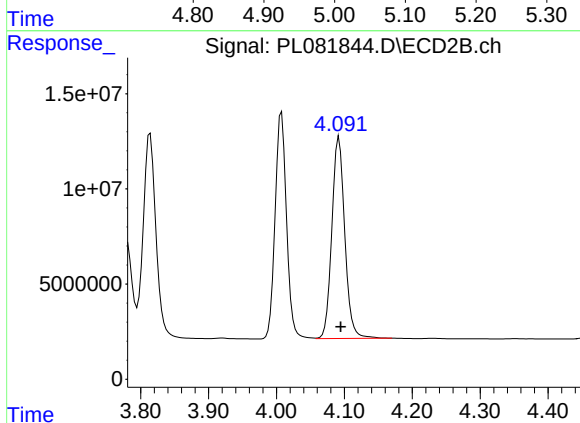
R.T.: 3.814 min  
Delta R.T.: -0.003 min  
Response: 141632604  
Conc: 49.40 ng/ml



#5 Aldrin

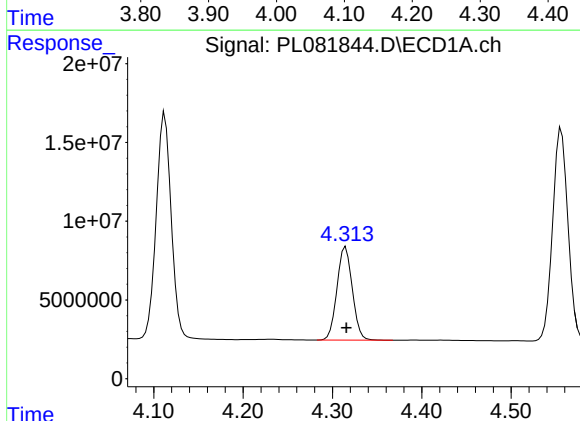
R.T.: 5.028 min  
Delta R.T.: -0.002 min  
Response: 149862706  
Conc: 52.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



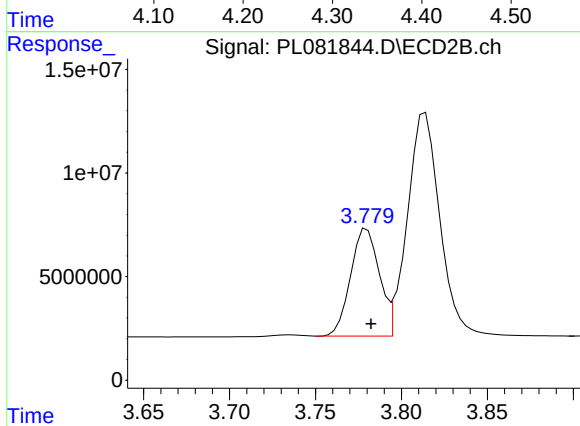
#5 Aldrin

R.T.: 4.092 min  
Delta R.T.: -0.003 min  
Response: 139837383  
Conc: 52.48 ng/ml



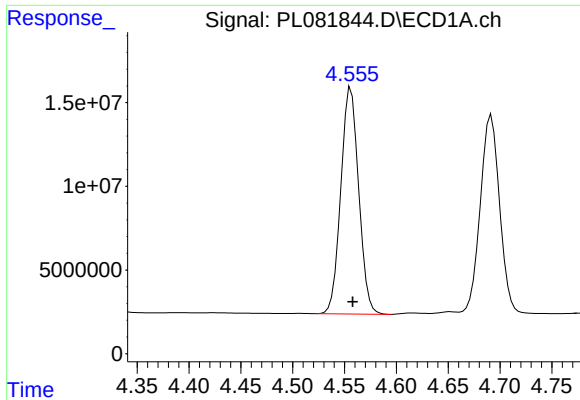
#6 beta-BHC

R.T.: 4.315 min  
Delta R.T.: 0.000 min  
Response: 70690065  
Conc: 46.97 ng/ml



#6 beta-BHC

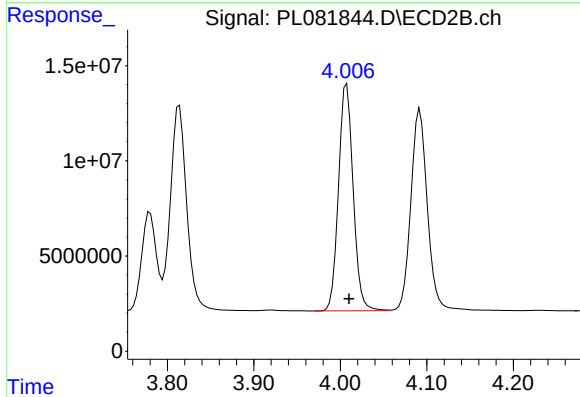
R.T.: 3.780 min  
Delta R.T.: -0.002 min  
Response: 60177353  
Conc: 50.53 ng/ml



#7 delta-BHC

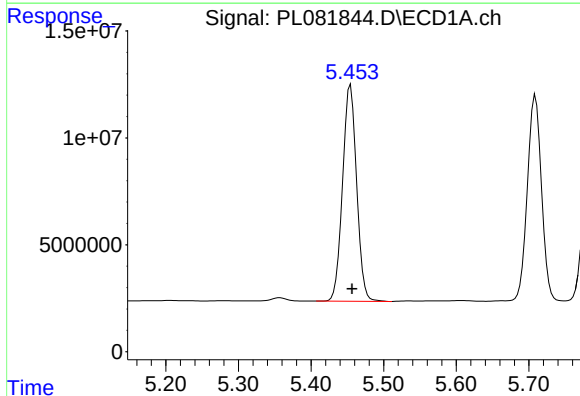
R.T.: 4.556 min  
Delta R.T.: -0.002 min  
Response: 162266178  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



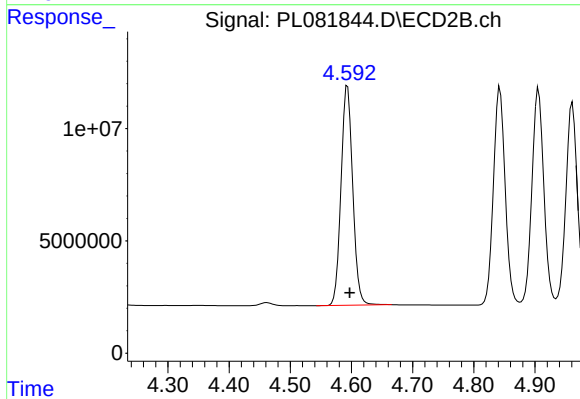
#7 delta-BHC

R.T.: 4.007 min  
Delta R.T.: -0.002 min  
Response: 139307250  
Conc: 53.87 ng/ml



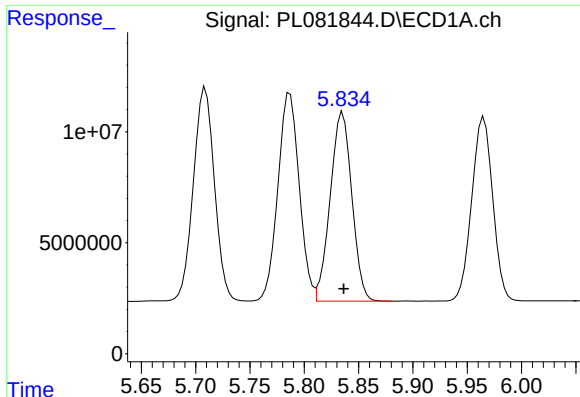
#8 Heptachlor epoxide

R.T.: 5.454 min  
Delta R.T.: -0.002 min  
Response: 136234075  
Conc: 50.09 ng/ml



#8 Heptachlor epoxide

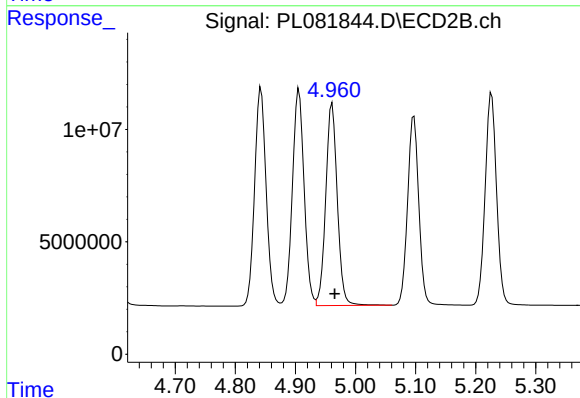
R.T.: 4.594 min  
Delta R.T.: -0.004 min  
Response: 129681520  
Conc: 53.39 ng/ml



#9 Endosulfan I

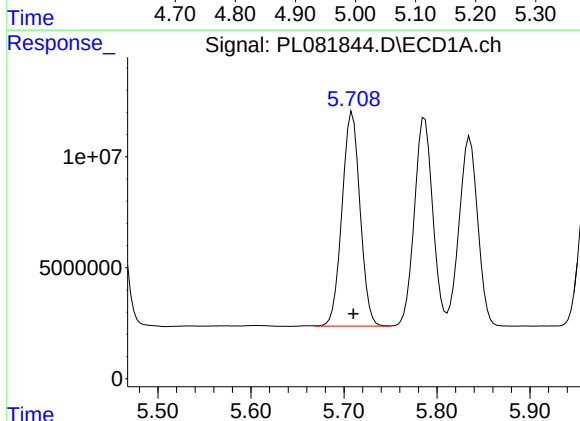
R.T.: 5.835 min  
Delta R.T.: 0.000 min  
Response: 118098014  
Conc: 47.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



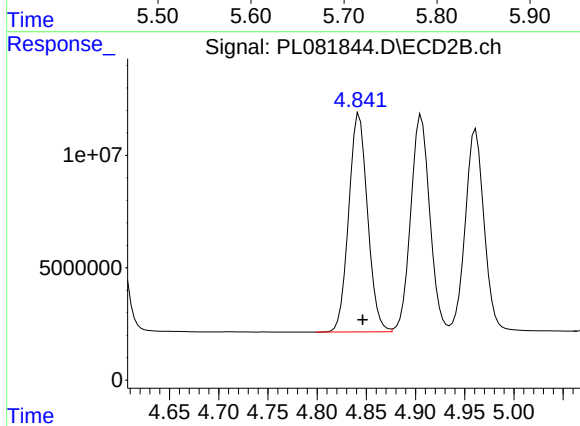
#9 Endosulfan I

R.T.: 4.961 min  
Delta R.T.: -0.004 min  
Response: 120445498  
Conc: 54.56 ng/ml



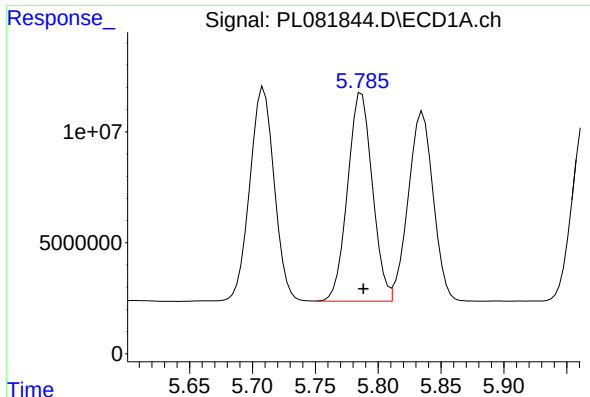
#10 gamma-Chlordane

R.T.: 5.709 min  
Delta R.T.: -0.001 min  
Response: 130171172  
Conc: 49.58 ng/ml



#10 gamma-Chlordane

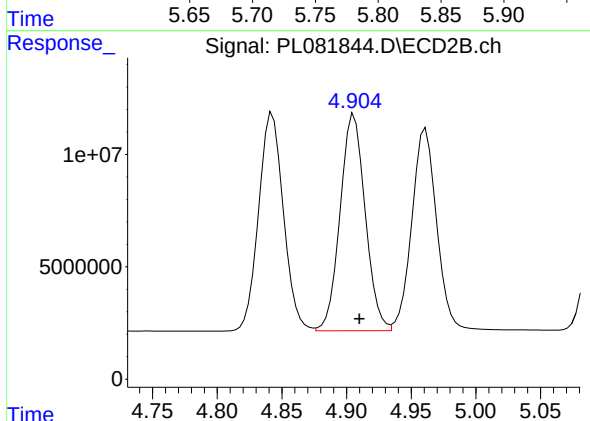
R.T.: 4.843 min  
Delta R.T.: -0.004 min  
Response: 129319860  
Conc: 53.21 ng/ml



#11 alpha-Chlordane

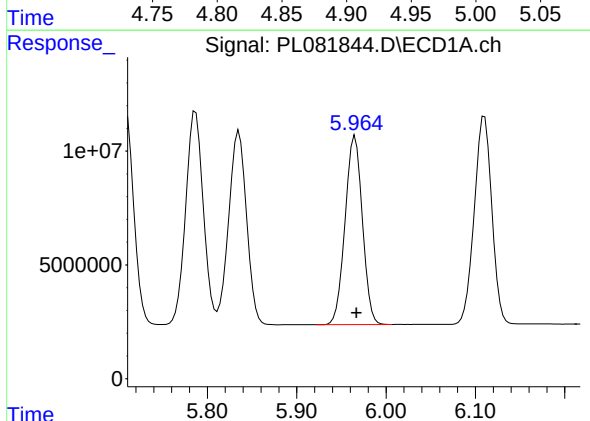
R.T.: 5.787 min  
Delta R.T.: -0.001 min  
Response: 128639014  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



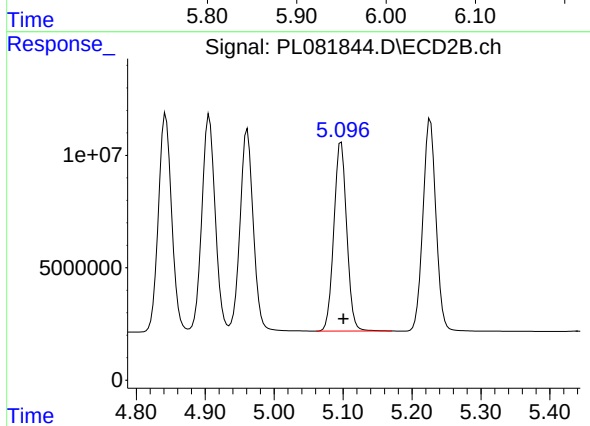
#11 alpha-Chlordane

R.T.: 4.906 min  
Delta R.T.: -0.004 min  
Response: 129928361  
Conc: 53.49 ng/ml



#12 4,4'-DDE

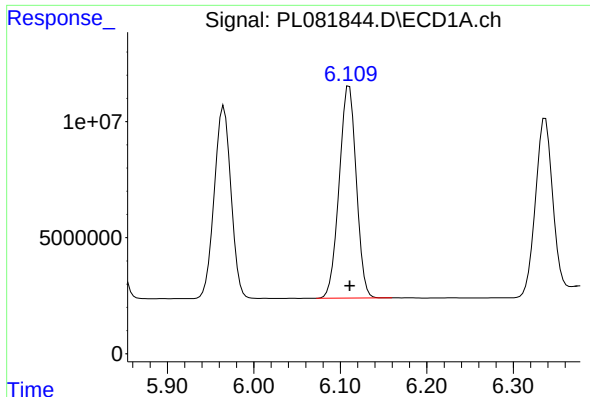
R.T.: 5.965 min  
Delta R.T.: -0.001 min  
Response: 111448074  
Conc: 49.45 ng/ml



#12 4,4'-DDE

R.T.: 5.097 min  
Delta R.T.: -0.003 min  
Response: 108803529  
Conc: 55.24 ng/ml

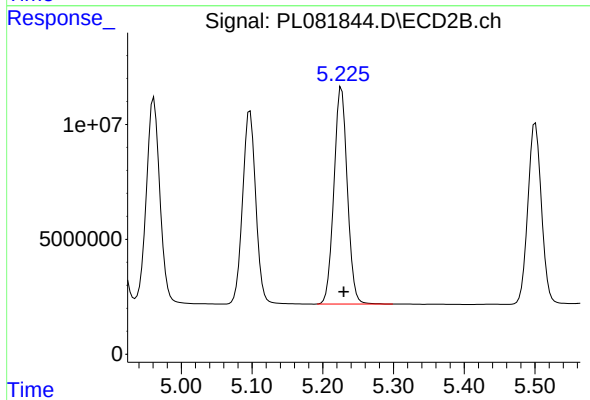




#13 Dieldrin

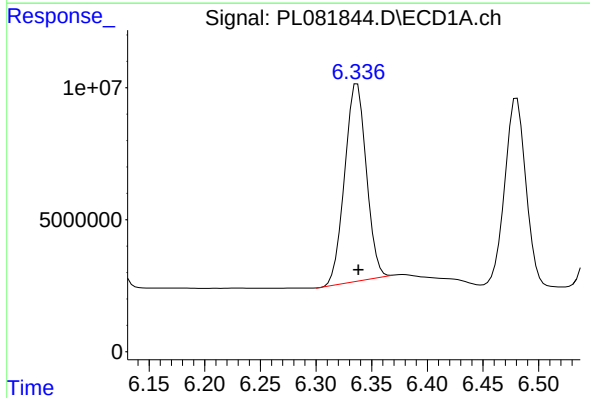
R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 124880856  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



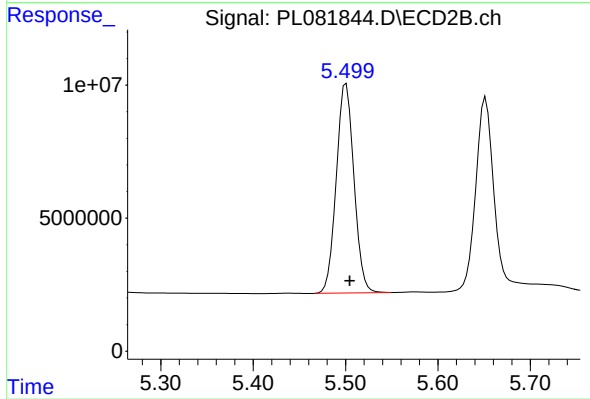
#13 Dieldrin

R.T.: 5.226 min  
Delta R.T.: -0.003 min  
Response: 124189875  
Conc: 55.21 ng/ml



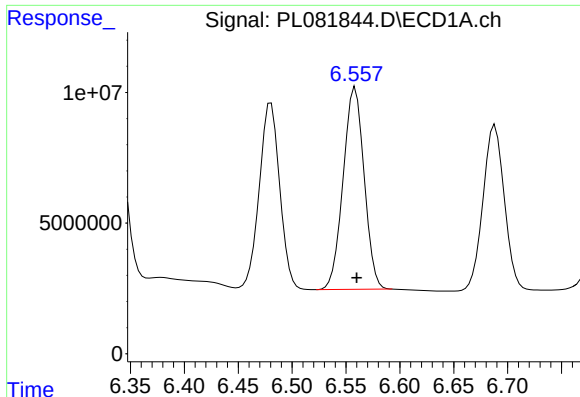
#14 Endrin

R.T.: 6.337 min  
Delta R.T.: -0.001 min  
Response: 100994298  
Conc: 47.75 ng/ml



#14 Endrin

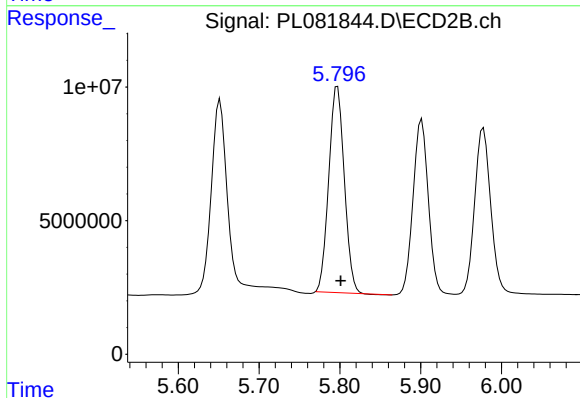
R.T.: 5.501 min  
Delta R.T.: -0.004 min  
Response: 104721090  
Conc: 51.75 ng/ml



#15 Endosulfan II

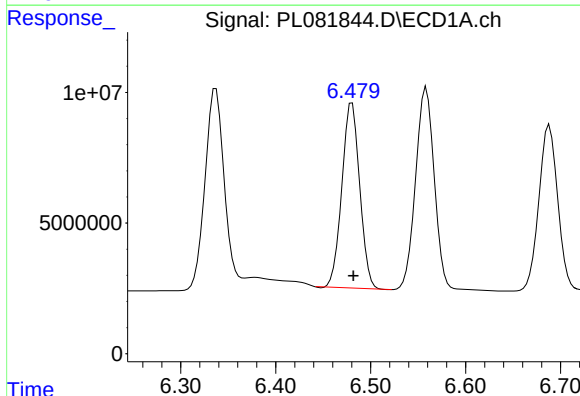
R.T.: 6.559 min  
Delta R.T.: -0.001 min  
Response: 104932214  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



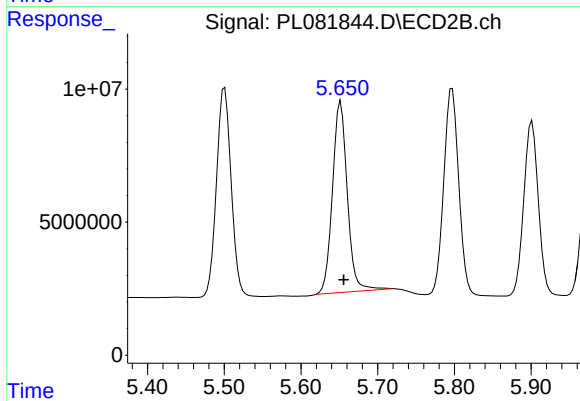
#15 Endosulfan II

R.T.: 5.797 min  
Delta R.T.: -0.004 min  
Response: 103033494  
Conc: 56.80 ng/ml



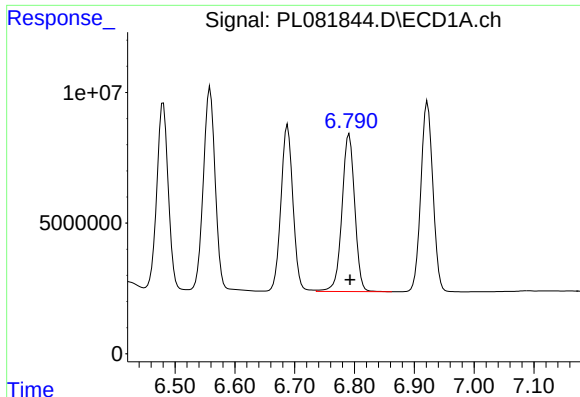
#16 4,4'-DDD

R.T.: 6.480 min  
Delta R.T.: -0.001 min  
Response: 92534512  
Conc: 51.31 ng/ml



#16 4,4'-DDD

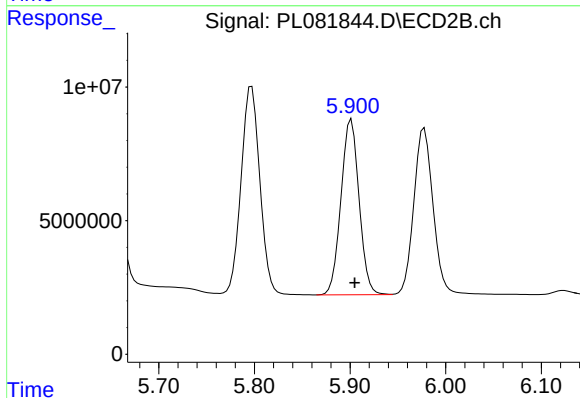
R.T.: 5.652 min  
Delta R.T.: -0.004 min  
Response: 96747541  
Conc: 63.75 ng/ml



#17 4,4'-DDT

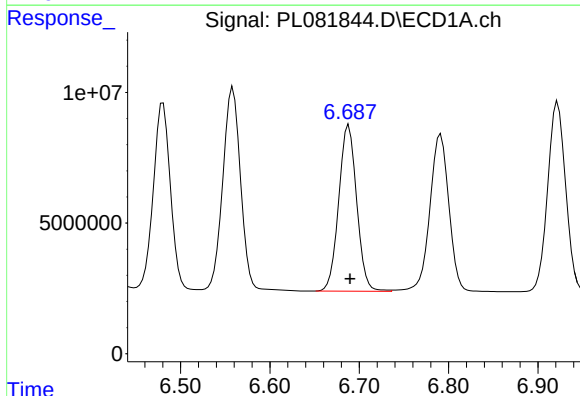
R.T.: 6.791 min  
Delta R.T.: -0.002 min  
Response: 89278748  
Conc: 43.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



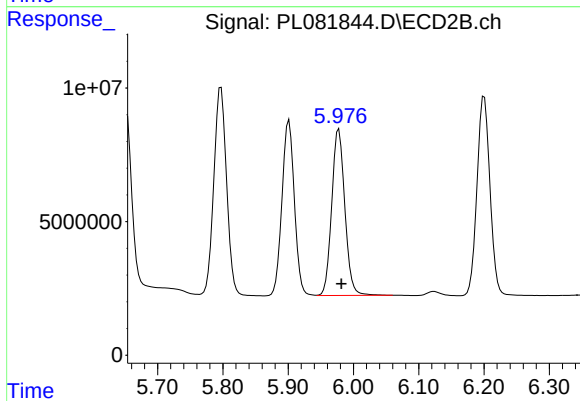
#17 4,4'-DDT

R.T.: 5.901 min  
Delta R.T.: -0.004 min  
Response: 86654435  
Conc: 50.28 ng/ml



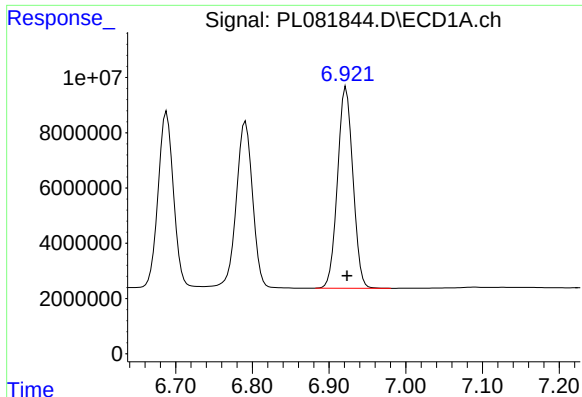
#18 Endrin aldehyde

R.T.: 6.688 min  
Delta R.T.: -0.002 min  
Response: 88625715  
Conc: 54.17 ng/ml



#18 Endrin aldehyde

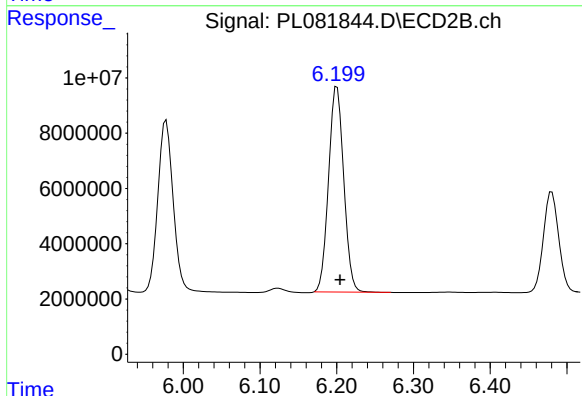
R.T.: 5.978 min  
Delta R.T.: -0.004 min  
Response: 86886054  
Conc: 55.95 ng/ml



#19 Endosulfan Sulfate

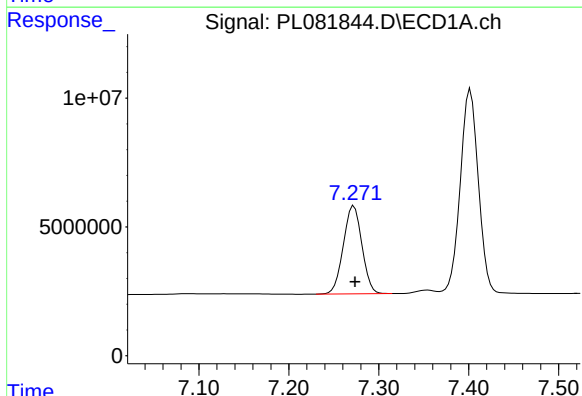
R.T.: 6.922 min  
Delta R.T.: -0.002 min  
Response: 101642385  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



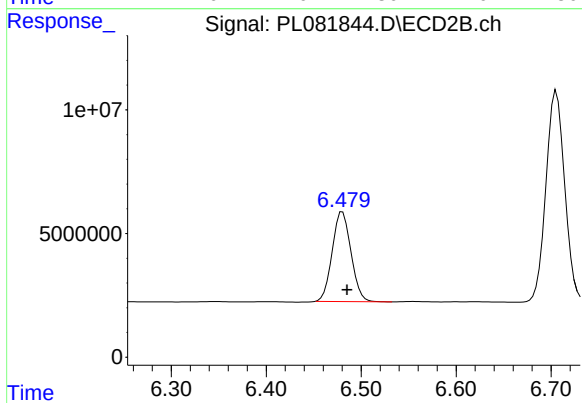
#19 Endosulfan Sulfate

R.T.: 6.200 min  
Delta R.T.: -0.004 min  
Response: 102118225  
Conc: 52.48 ng/ml



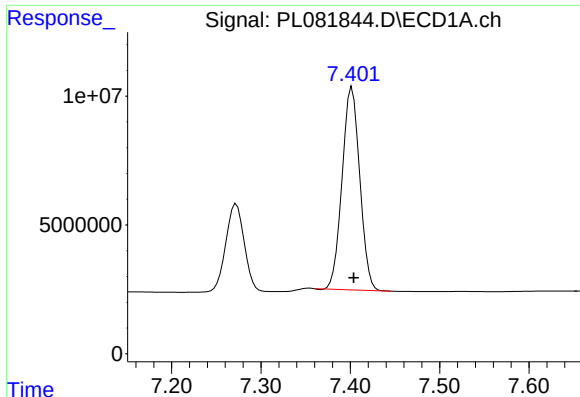
#20 Methoxychlor

R.T.: 7.272 min  
Delta R.T.: -0.001 min  
Response: 49031456  
Conc: 45.53 ng/ml



#20 Methoxychlor

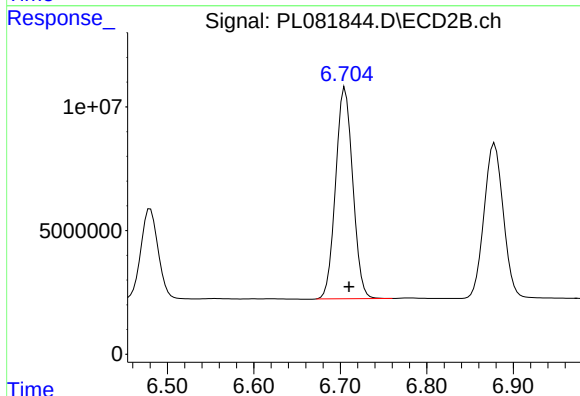
R.T.: 6.480 min  
Delta R.T.: -0.005 min  
Response: 49861722  
Conc: 50.06 ng/ml



#21 Endrin ketone

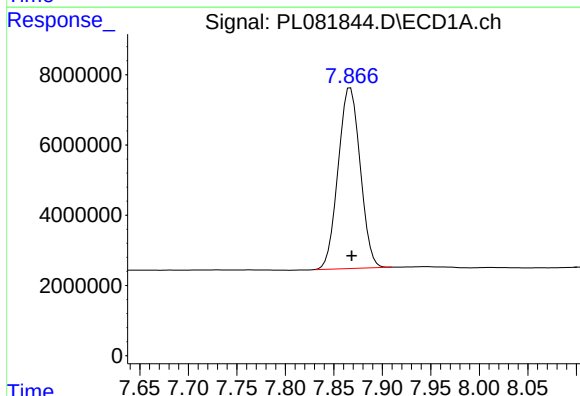
R.T.: 7.402 min  
Delta R.T.: -0.002 min  
Response: 108058270  
Conc: 51.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



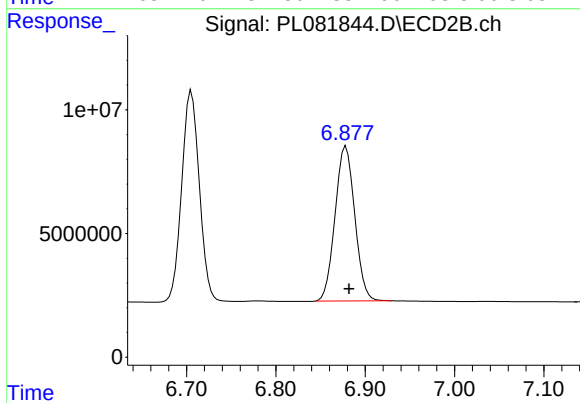
#21 Endrin ketone

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 117025013  
Conc: 54.76 ng/ml



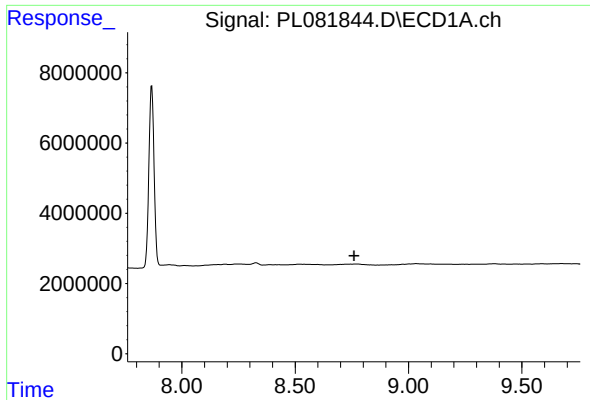
#22 Mirex

R.T.: 7.867 min  
Delta R.T.: -0.001 min  
Response: 81324833  
Conc: 47.47 ng/ml



#22 Mirex

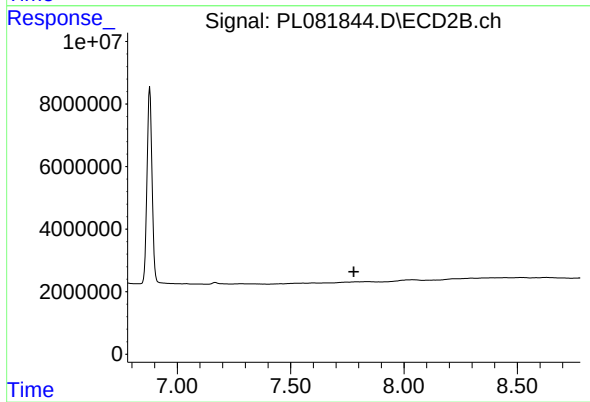
R.T.: 6.879 min  
Delta R.T.: -0.003 min  
Response: 95767490  
Conc: 49.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 8.760 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEST/SPIK50PPB



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 7.779 min  
Response: 0  
Conc: N.D.