

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042723\  
 Data File : PL082350.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Apr 2023 13:52  
 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: Apr 27 21:13:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.323  | 2.648 | 125.0E6  | 104.5E6  | 46.811   | 45.121     |
| 28)                         | SA Decachlor... | 8.740  | 7.758 | 90712798 | 101.2E6  | 47.517   | 44.320     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.772  | 3.145 | 191.1E6  | 156.0E6  | 48.024   | 45.840     |
| 3)                          | MA gamma-BHC... | 4.100  | 3.472 | 177.1E6  | 145.0E6  | 47.374   | 45.103     |
| 4)                          | MA Heptachlor   | 4.678  | 3.804 | 173.9E6  | 154.3E6  | 47.585   | 45.070     |
| 5)                          | MB Aldrin       | 5.015  | 4.081 | 156.8E6  | 146.2E6  | 47.563   | 46.399     |
| 6)                          | B beta-BHC      | 4.303  | 3.771 | 76331474 | 60411111 | 44.756   | 44.277     |
| 7)                          | B delta-BHC     | 4.544  | 3.998 | 160.2E6  | 138.5E6  | 44.536   | 45.141     |
| 8)                          | B Heptachlo...  | 5.441  | 4.582 | 143.3E6  | 129.0E6  | 46.980   | 44.775     |
| 9)                          | A Endosulfan I  | 5.821  | 4.949 | 133.3E6  | 120.7E6  | 48.088   | 45.214     |
| 10)                         | B gamma-Chl...  | 5.695  | 4.831 | 151.1E6  | 129.7E6  | 50.238   | 44.694     |
| 11)                         | B alpha-Chl...  | 5.773  | 4.893 | 143.8E6  | 129.9E6  | 48.187   | 44.749     |
| 12)                         | B 4,4'-DDE      | 5.951  | 5.084 | 120.5E6  | 104.2E6  | 47.399   | 45.315     |
| 13)                         | MA Dieldrin     | 6.096  | 5.213 | 131.6E6  | 122.1E6  | 47.682   | 45.209     |
| 14)                         | MA Endrin       | 6.323  | 5.488 | 115.7E6  | 108.9E6  | 47.700   | 44.536     |
| 15)                         | B Endosulfa...  | 6.545  | 5.784 | 111.4E6  | 101.4E6  | 45.776   | 45.001     |
| 16)                         | A 4,4'-DDD      | 6.467  | 5.639 | 97090184 | 84384974 | 47.894   | 45.116     |
| 17)                         | MA 4,4'-DDT     | 6.778  | 5.887 | 110.8E6  | 96391546 | 48.421   | 45.627     |
| 18)                         | B Endrin al...  | 6.675  | 5.964 | 90470064 | 82501621 | 48.016   | 44.086     |
| 19)                         | B Endosulfa...  | 6.909  | 6.187 | 112.7E6  | 104.9E6  | 47.515   | 44.562     |
| 20)                         | A Methoxychlor  | 7.258  | 6.466 | 58928782 | 54965964 | 48.289   | 45.358     |
| 21)                         | B Endrin ke...  | 7.389  | 6.691 | 112.5E6  | 115.6E6  | 47.004   | 45.534     |
| 22)                         | Mirex           | 7.853  | 6.862 | 89866902 | 102.1E6  | 45.937   | 44.316     |
| 24)                         | Chlordane-2     | 5.015f | 0.000 | 156.8E6  | 0        | 1317.435 | N.D. #     |
| 25)                         | Chlordane-3     | 5.695  | 4.831 | 151.1E6  | 129.7E6  | 349.912  | 456.498 #  |
| 26)                         | Chlordane-4     | 5.773  | 4.893 | 143.8E6  | 129.9E6  | 276.621  | 435.308 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.784 | 0        | 101.4E6  | N.D.     | 1027.599 # |
| -----                       |                 |        |       |          |          |          |            |

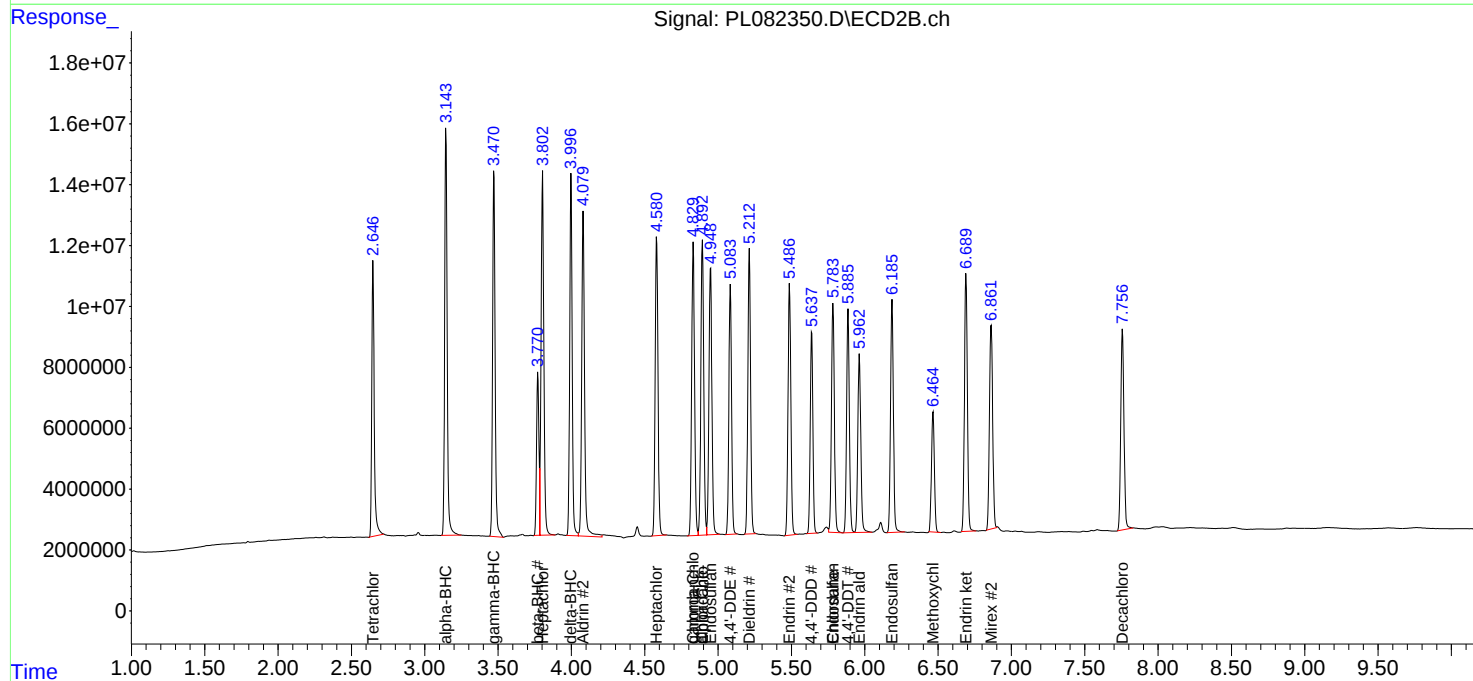
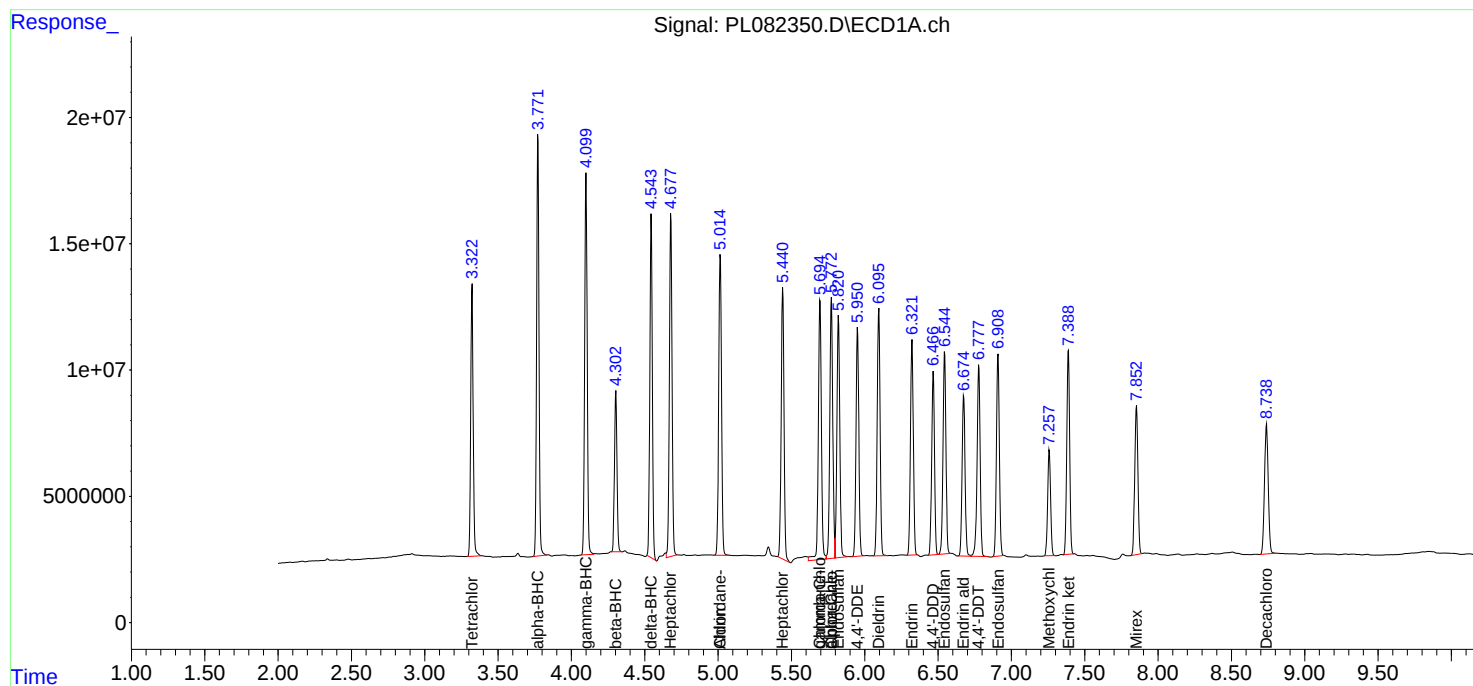
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

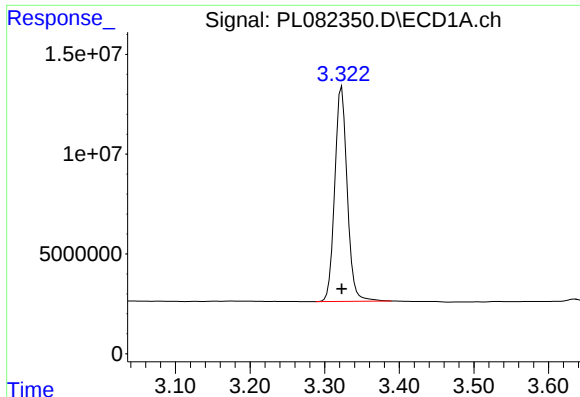
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042723\  
Data File : PL082350.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Apr 2023 13:52  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 27 21:13:47 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

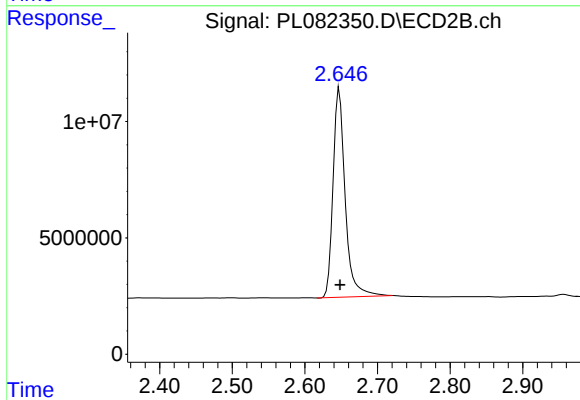




#1 Tetrachloro-m-xylene

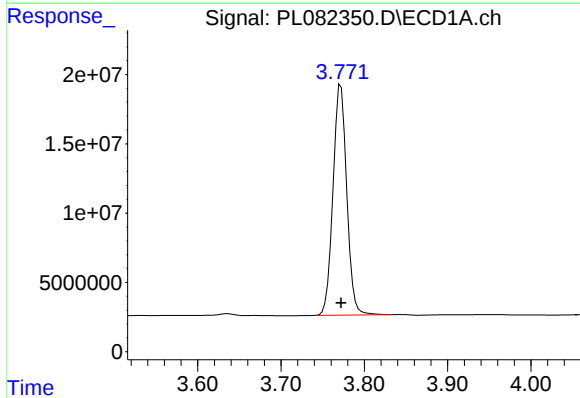
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 125041692  
Conc: 46.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



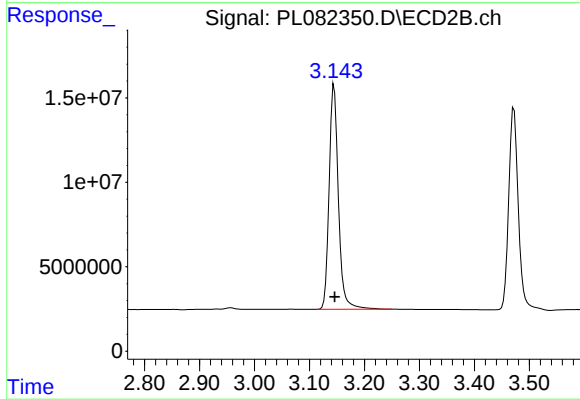
#1 Tetrachloro-m-xylene

R.T.: 2.648 min  
Delta R.T.: 0.000 min  
Response: 104532801  
Conc: 45.12 ng/ml



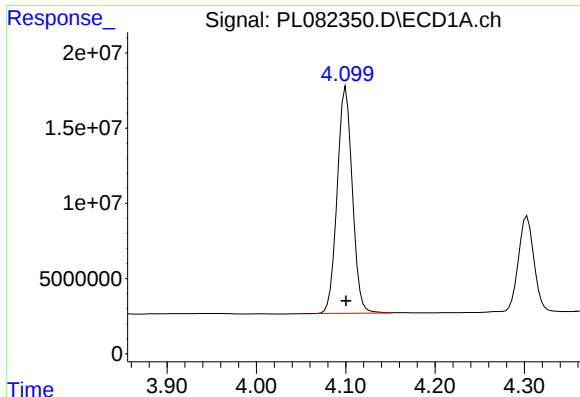
#2 alpha-BHC

R.T.: 3.772 min  
Delta R.T.: 0.000 min  
Response: 191149289  
Conc: 48.02 ng/ml



#2 alpha-BHC

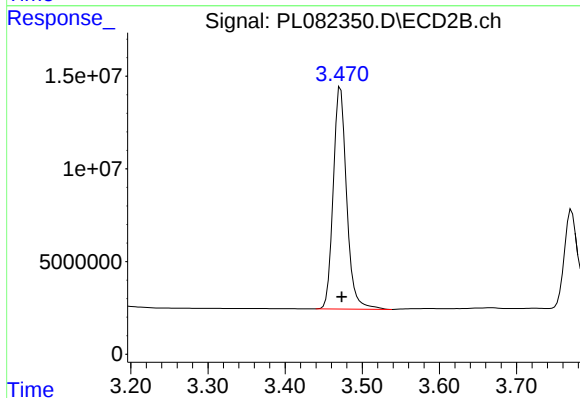
R.T.: 3.145 min  
Delta R.T.: -0.001 min  
Response: 156016050  
Conc: 45.84 ng/ml



#3 gamma-BHC (Lindane)

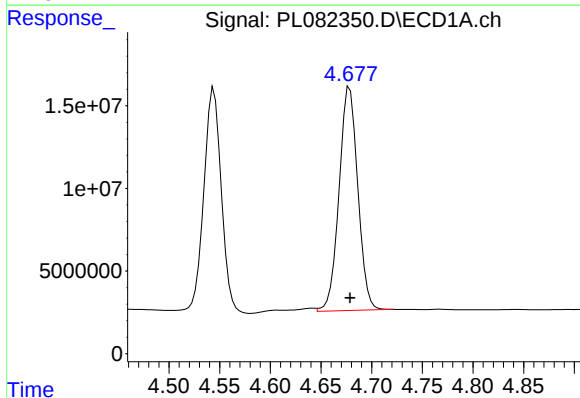
R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 177126328  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



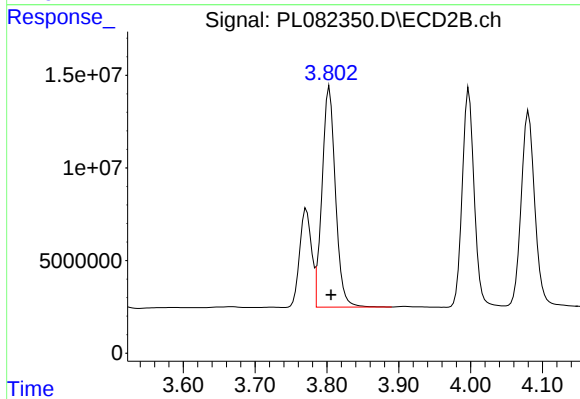
#3 gamma-BHC (Lindane)

R.T.: 3.472 min  
Delta R.T.: -0.002 min  
Response: 145020194  
Conc: 45.10 ng/ml



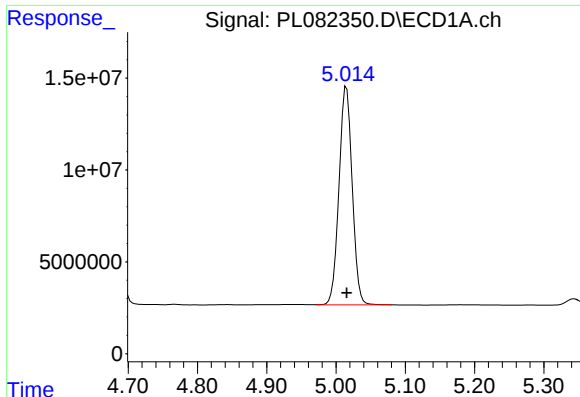
#4 Heptachlor

R.T.: 4.678 min  
Delta R.T.: 0.000 min  
Response: 173871014  
Conc: 47.58 ng/ml



#4 Heptachlor

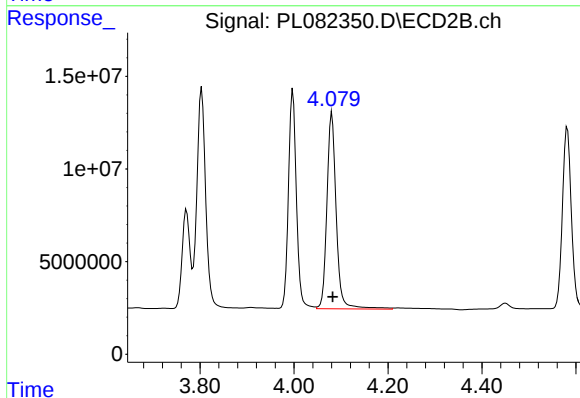
R.T.: 3.804 min  
Delta R.T.: -0.002 min  
Response: 154286016  
Conc: 45.07 ng/ml



#5 Aldrin

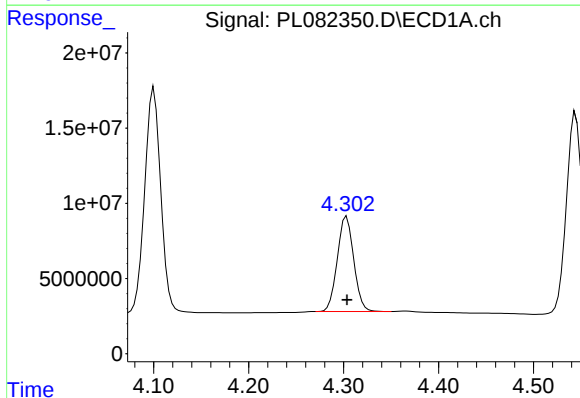
R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 156843901  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



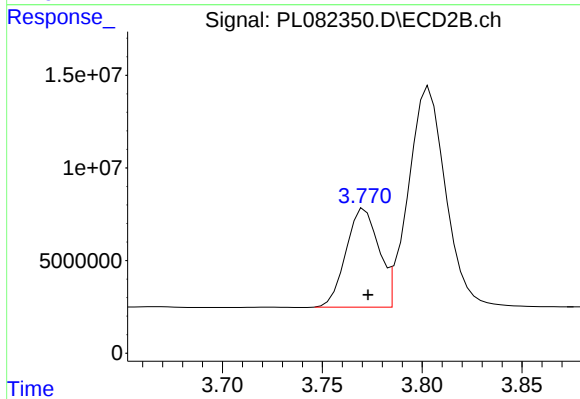
#5 Aldrin

R.T.: 4.081 min  
Delta R.T.: -0.002 min  
Response: 146150935  
Conc: 46.40 ng/ml



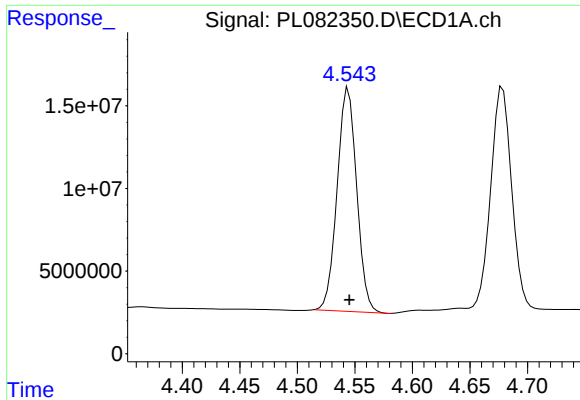
#6 beta-BHC

R.T.: 4.303 min  
Delta R.T.: 0.000 min  
Response: 76331474  
Conc: 44.76 ng/ml



#6 beta-BHC

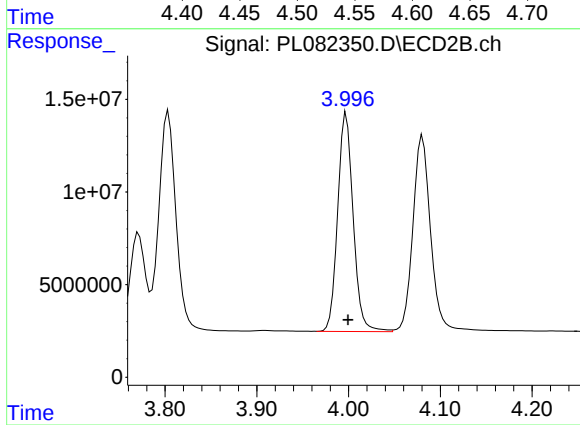
R.T.: 3.771 min  
Delta R.T.: -0.002 min  
Response: 60411111  
Conc: 44.28 ng/ml



#7 delta-BHC

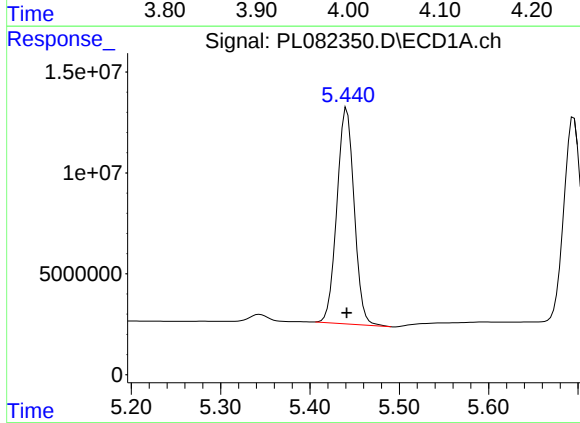
R.T.: 4.544 min  
Delta R.T.: 0.000 min  
Response: 160230289  
Conc: 44.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



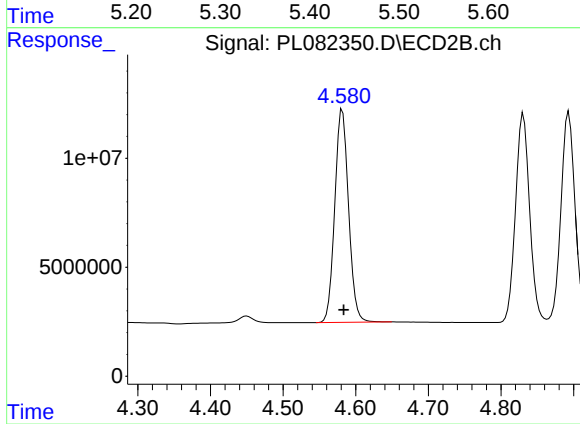
#7 delta-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 138464683  
Conc: 45.14 ng/ml



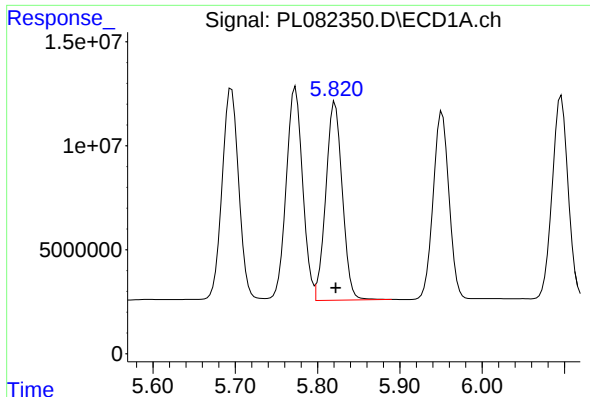
#8 Heptachlor epoxide

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 143306274  
Conc: 46.98 ng/ml



#8 Heptachlor epoxide

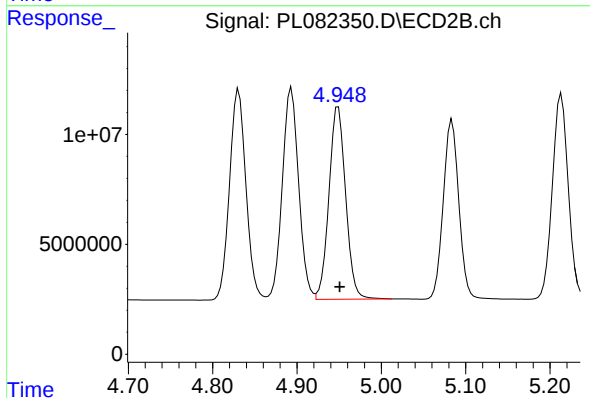
R.T.: 4.582 min  
Delta R.T.: -0.002 min  
Response: 128991033  
Conc: 44.77 ng/ml



#9 Endosulfan I

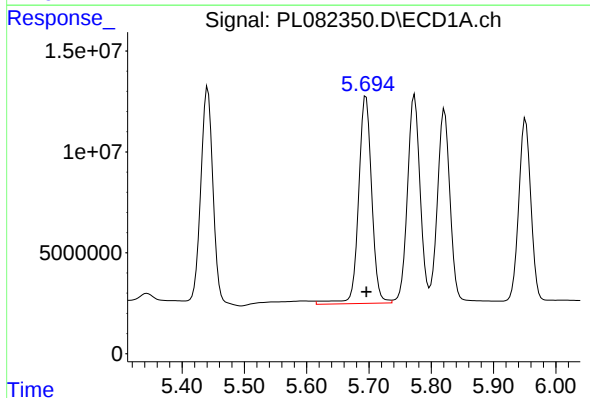
R.T.: 5.821 min  
Delta R.T.: 0.000 min  
Response: 133336138  
Conc: 48.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



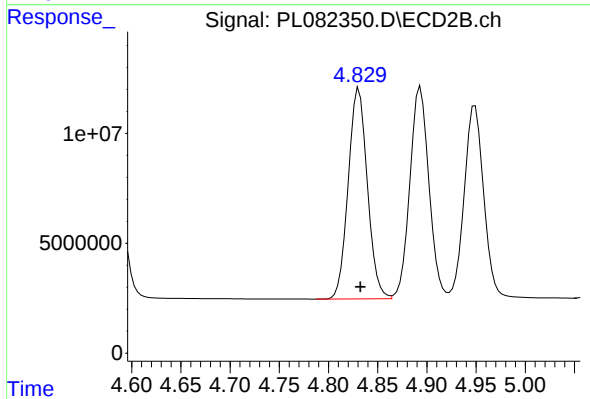
#9 Endosulfan I

R.T.: 4.949 min  
Delta R.T.: -0.002 min  
Response: 120696941  
Conc: 45.21 ng/ml



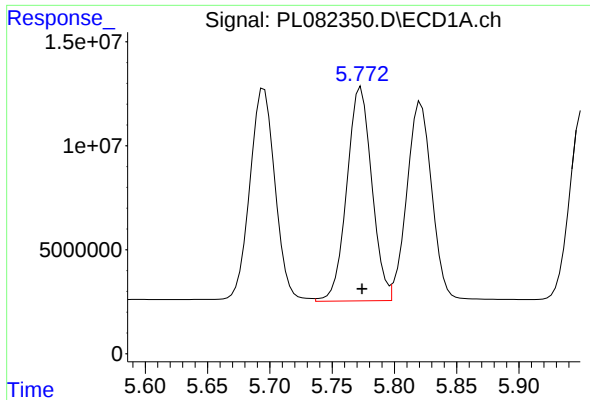
#10 gamma-Chlordane

R.T.: 5.695 min  
Delta R.T.: 0.000 min  
Response: 151058439  
Conc: 50.24 ng/ml



#10 gamma-Chlordane

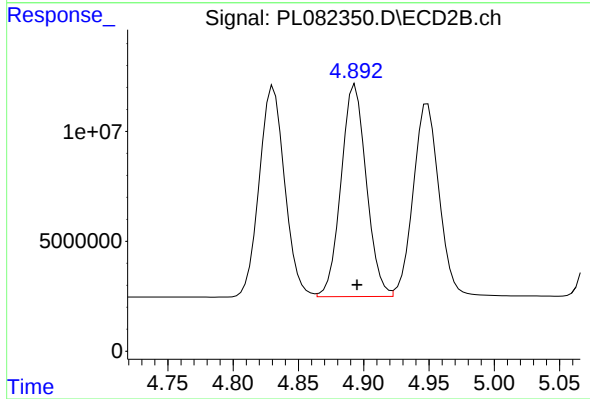
R.T.: 4.831 min  
Delta R.T.: -0.002 min  
Response: 129695463  
Conc: 44.69 ng/ml



#11 alpha-Chlordane

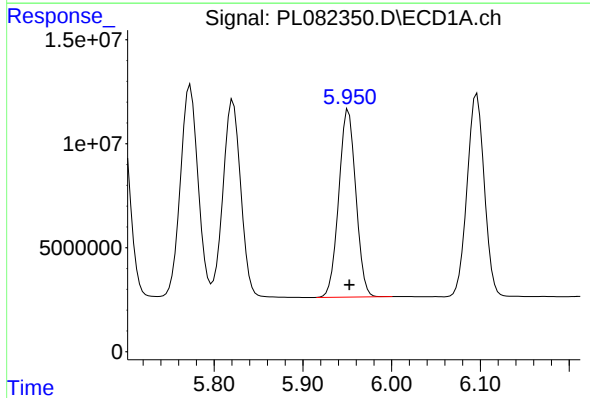
R.T.: 5.773 min  
Delta R.T.: 0.000 min  
Response: 143819529  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



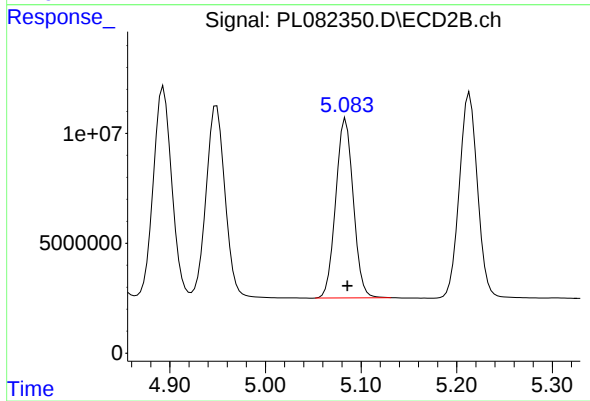
#11 alpha-Chlordane

R.T.: 4.893 min  
Delta R.T.: -0.002 min  
Response: 129898887  
Conc: 44.75 ng/ml



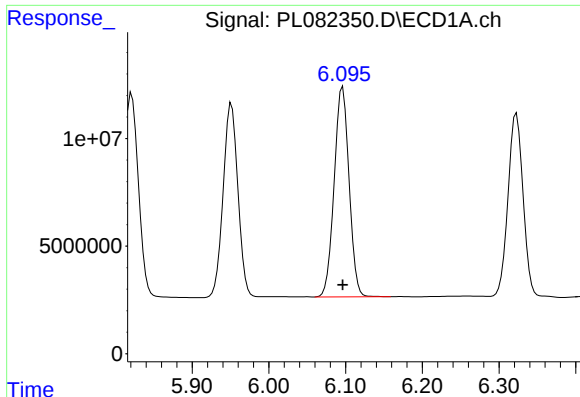
#12 4,4'-DDE

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 120488771  
Conc: 47.40 ng/ml



#12 4,4'-DDE

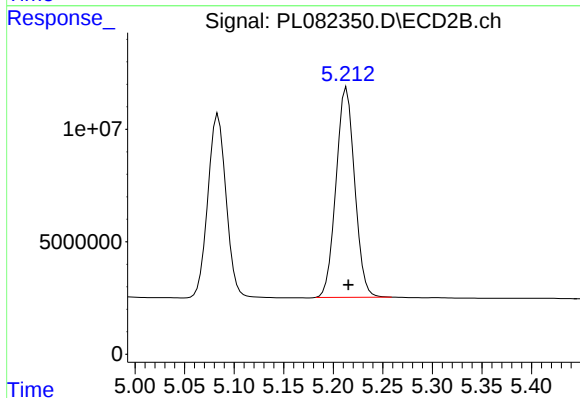
R.T.: 5.084 min  
Delta R.T.: -0.002 min  
Response: 104177459  
Conc: 45.31 ng/ml



#13 Dieldrin

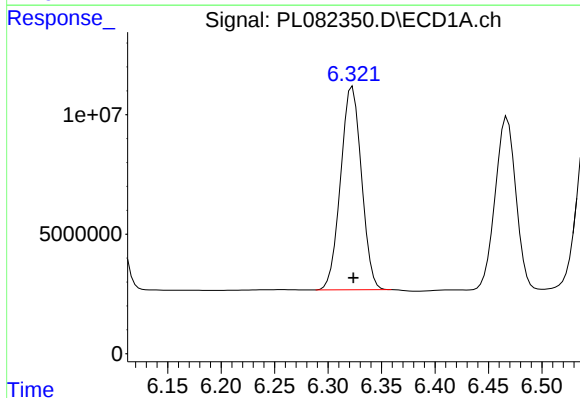
R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 131560924  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



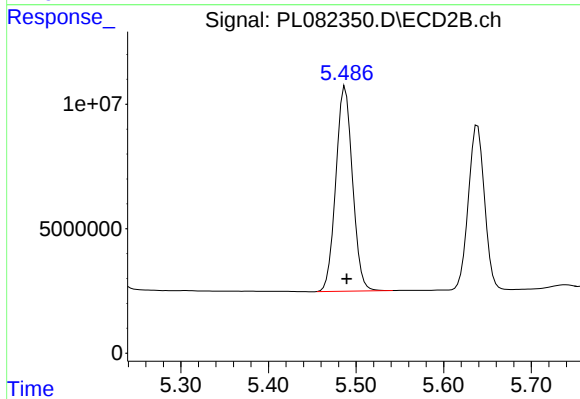
#13 Dieldrin

R.T.: 5.213 min  
Delta R.T.: -0.002 min  
Response: 122082298  
Conc: 45.21 ng/ml



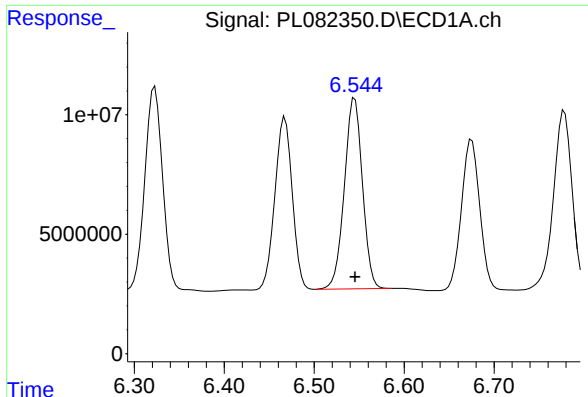
#14 Endrin

R.T.: 6.323 min  
Delta R.T.: 0.000 min  
Response: 115651835  
Conc: 47.70 ng/ml



#14 Endrin

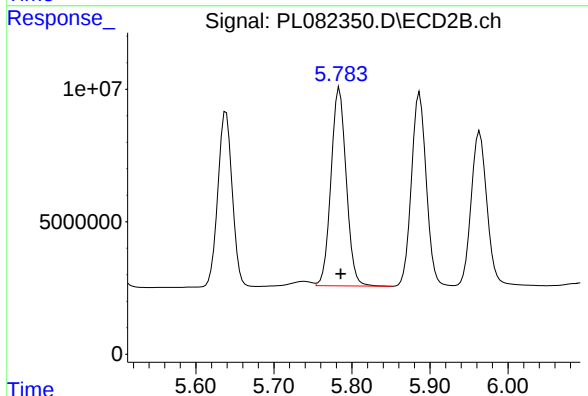
R.T.: 5.488 min  
Delta R.T.: -0.002 min  
Response: 108934186  
Conc: 44.54 ng/ml



#15 Endosulfan II

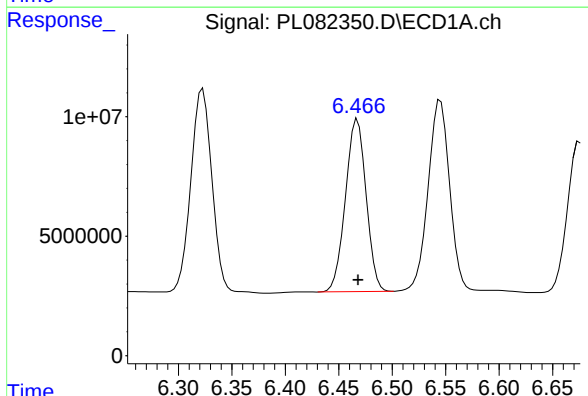
R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 111444927  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



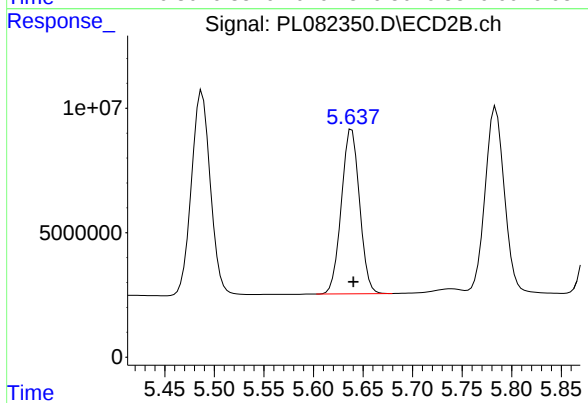
#15 Endosulfan II

R.T.: 5.784 min  
Delta R.T.: -0.002 min  
Response: 101436737  
Conc: 45.00 ng/ml



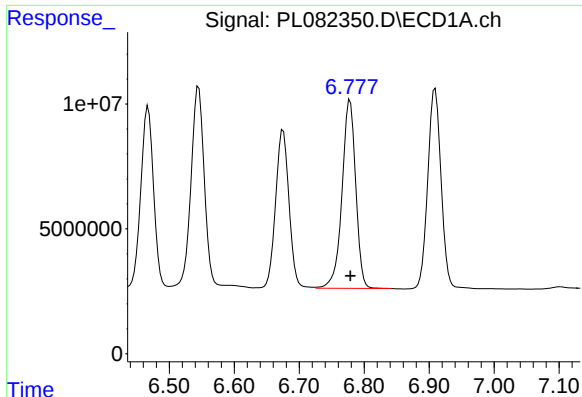
#16 4,4'-DDD

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 97090184  
Conc: 47.89 ng/ml



#16 4,4'-DDD

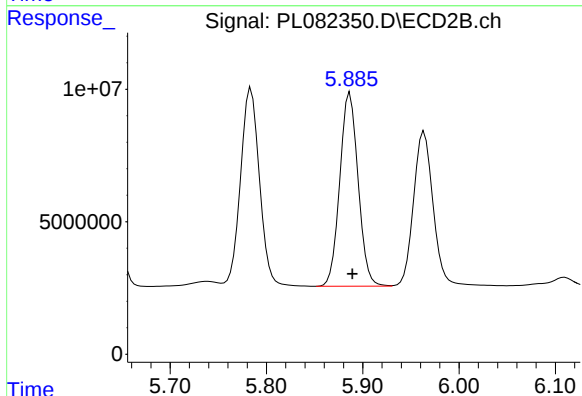
R.T.: 5.639 min  
Delta R.T.: -0.002 min  
Response: 84384974  
Conc: 45.12 ng/ml



#17 4,4'-DDT

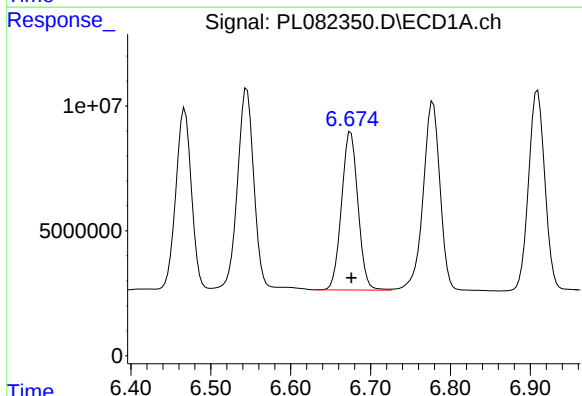
R.T.: 6.778 min  
Delta R.T.: 0.000 min  
Response: 110772607  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



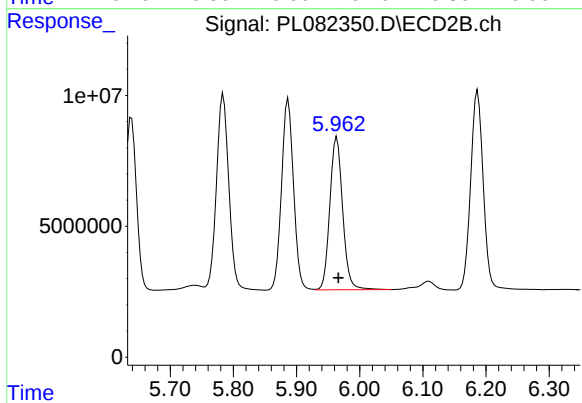
#17 4,4'-DDT

R.T.: 5.887 min  
Delta R.T.: -0.002 min  
Response: 96391546  
Conc: 45.63 ng/ml



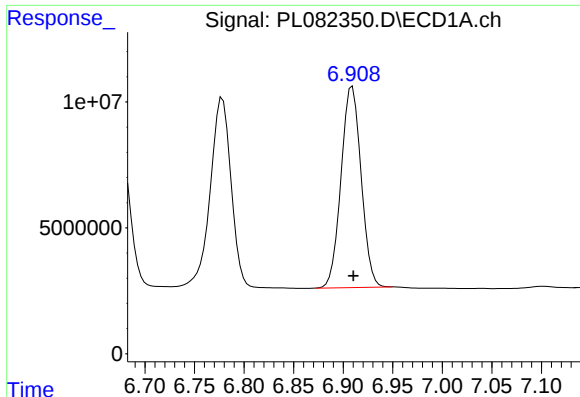
#18 Endrin aldehyde

R.T.: 6.675 min  
Delta R.T.: 0.000 min  
Response: 90470064  
Conc: 48.02 ng/ml



#18 Endrin aldehyde

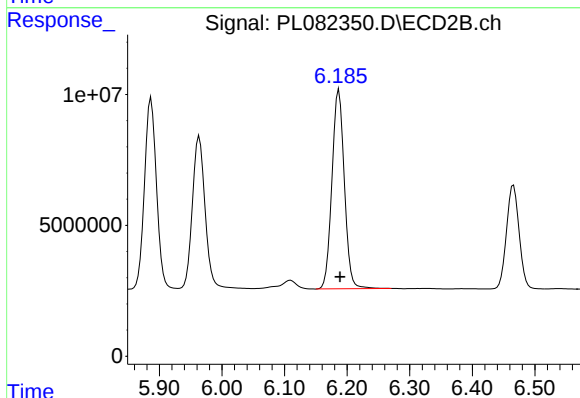
R.T.: 5.964 min  
Delta R.T.: -0.003 min  
Response: 82501621  
Conc: 44.09 ng/ml



#19 Endosulfan Sulfate

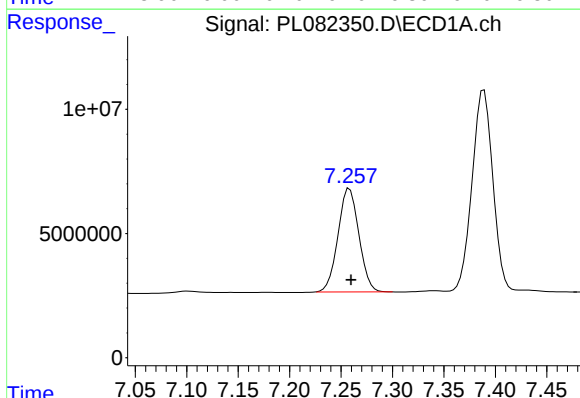
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 112684176  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



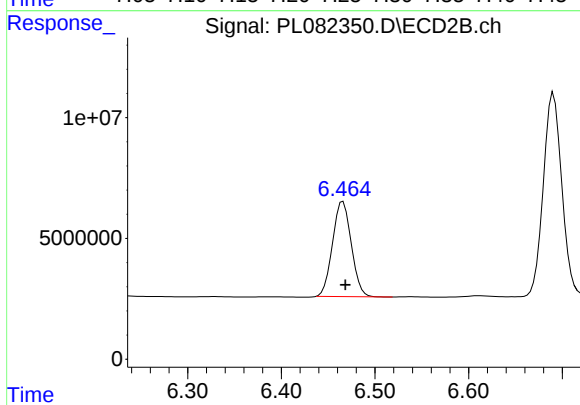
#19 Endosulfan Sulfate

R.T.: 6.187 min  
Delta R.T.: -0.002 min  
Response: 104910963  
Conc: 44.56 ng/ml



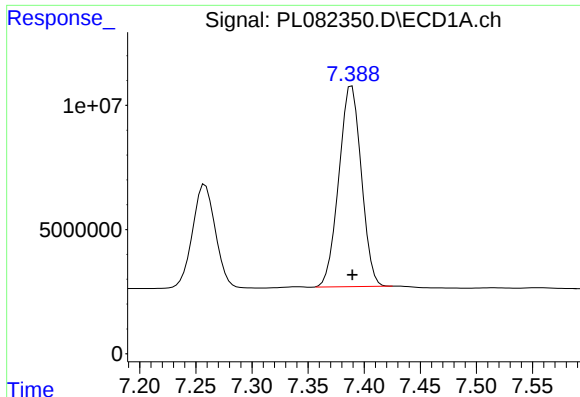
#20 Methoxychlor

R.T.: 7.258 min  
Delta R.T.: -0.001 min  
Response: 58928782  
Conc: 48.29 ng/ml



#20 Methoxychlor

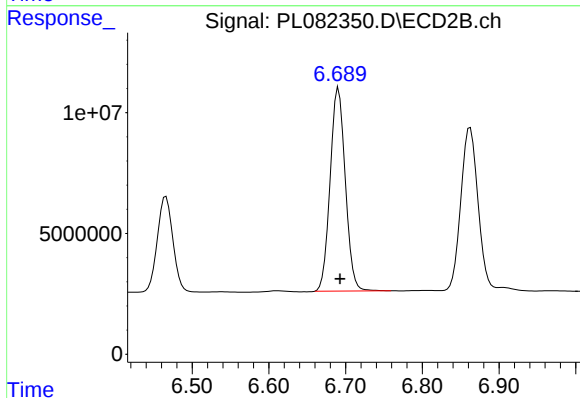
R.T.: 6.466 min  
Delta R.T.: -0.002 min  
Response: 54965964  
Conc: 45.36 ng/ml



#21 Endrin ketone

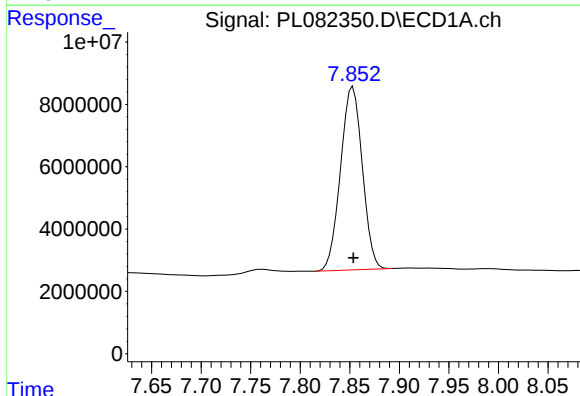
R.T.: 7.389 min  
Delta R.T.: 0.000 min  
Response: 112546529  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



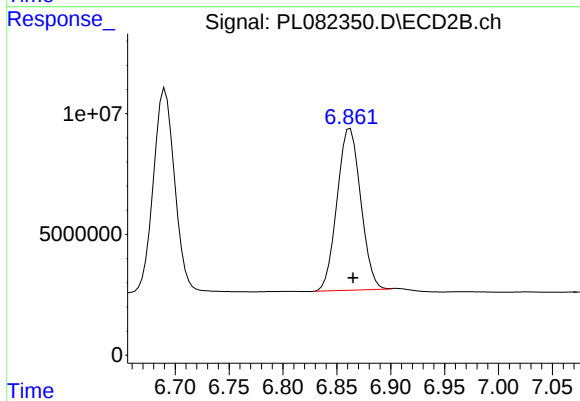
#21 Endrin ketone

R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 115573579  
Conc: 45.53 ng/ml



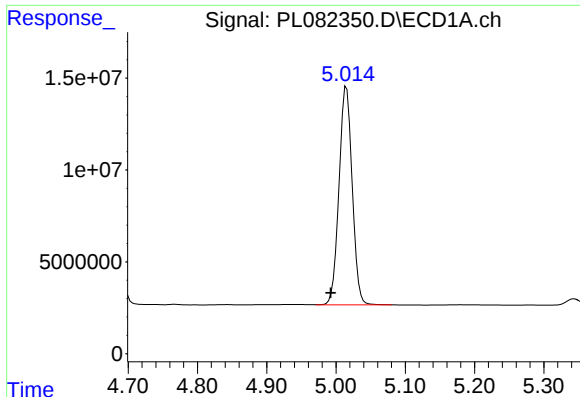
#22 Mirex

R.T.: 7.853 min  
Delta R.T.: 0.000 min  
Response: 89866902  
Conc: 45.94 ng/ml



#22 Mirex

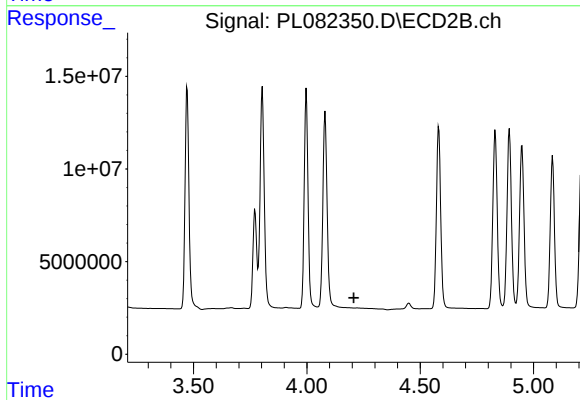
R.T.: 6.862 min  
Delta R.T.: -0.003 min  
Response: 102114749  
Conc: 44.32 ng/ml



#24 Chlordane-2

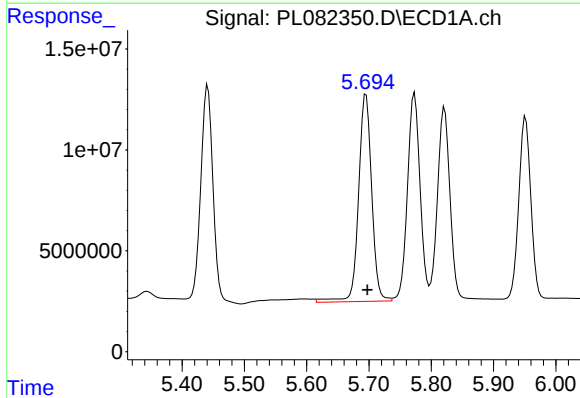
R.T.: 5.015 min  
Delta R.T.: 0.023 min  
Response: 156843901  
Conc: 1317.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



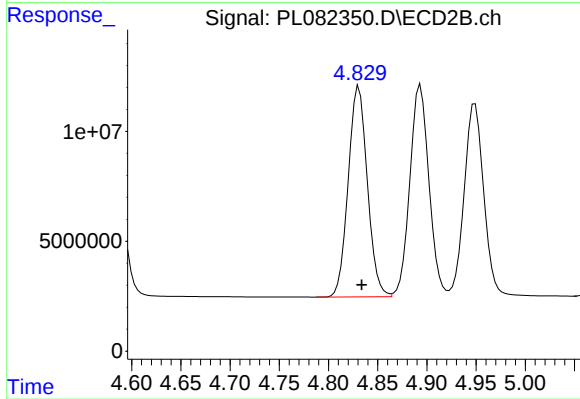
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.207 min  
Response: 0  
Conc: N.D.



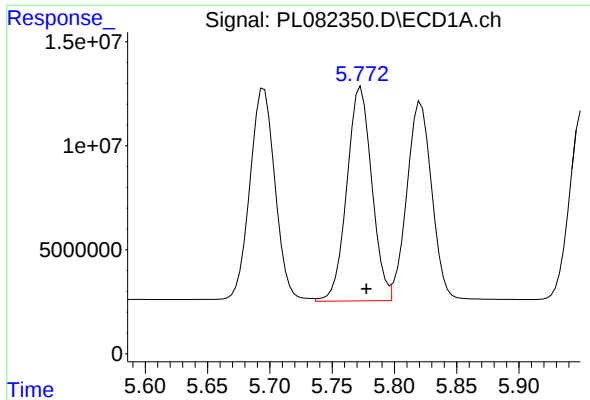
#25 Chlordane-3

R.T.: 5.695 min  
Delta R.T.: -0.002 min  
Response: 151058439  
Conc: 349.91 ng/ml



#25 Chlordane-3

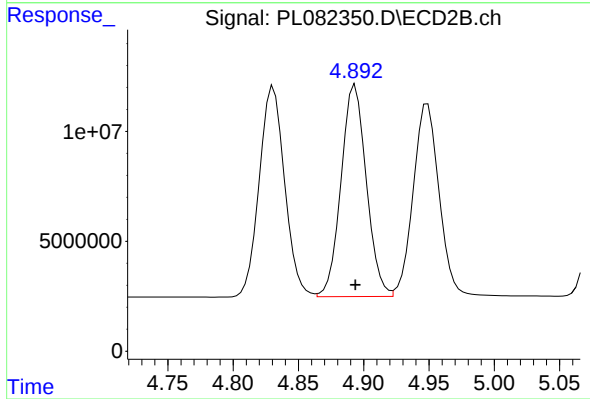
R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 129695463  
Conc: 456.50 ng/ml



#26 Chlordane-4

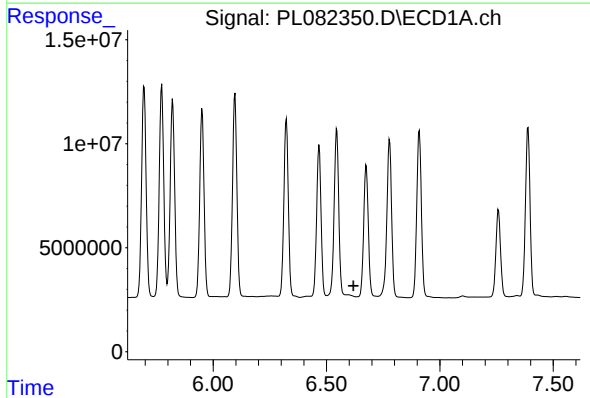
R.T.: 5.773 min  
Delta R.T.: -0.004 min  
Response: 143819529  
Conc: 276.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



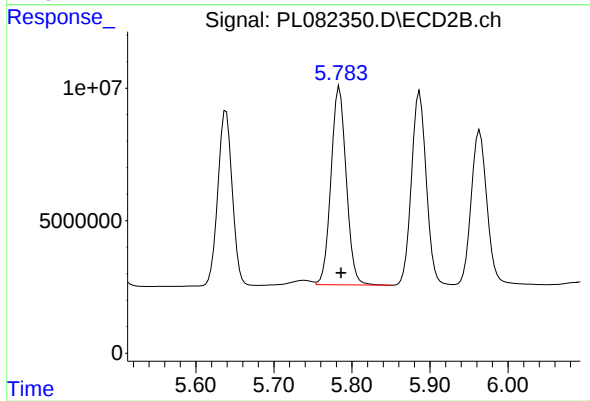
#26 Chlordane-4

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 129898887  
Conc: 435.31 ng/ml



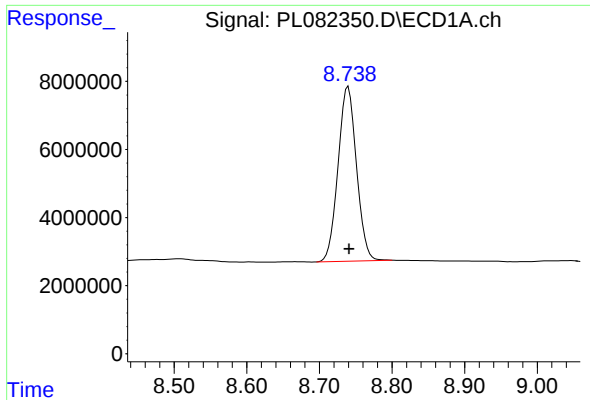
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.619 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

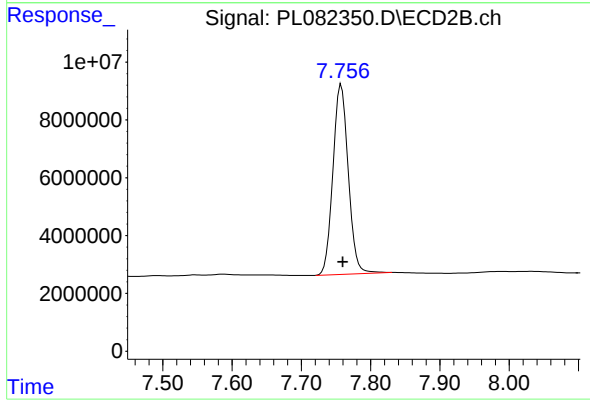
R.T.: 5.784 min  
Delta R.T.: -0.002 min  
Response: 101436737  
Conc: 1027.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.740 min  
Delta R.T.: -0.001 min  
Response: 90712798  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.758 min  
Delta R.T.: -0.002 min  
Response: 101160285  
Conc: 44.32 ng/ml