

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081424\  
 Data File : PL091082.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Aug 2024 23:31  
 Operator : AR\AJ  
 Sample : P3600-04MS  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 03:57:33 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 2024  
 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... | 3.544  | 2.784 | 29167535 | 24748133 | 13.584   | 12.678    |
| 28)                         | SA Decachlor... | 9.054  | 7.925 | 17520838 | 20595505 | 11.493   | 10.873    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.288 | 156.4E6  | 154.7E6  | 52.164   | 55.794    |
| 3)                          | MA gamma-BHC... | 4.331  | 3.618 | 148.0E6  | 146.9E6  | 51.583   | 55.787    |
| 4)                          | MA Heptachlor   | 4.920  | 3.958 | 139.0E6  | 140.5E6  | 52.208   | 54.389    |
| 5)                          | MB Aldrin       | 5.262  | 4.238 | 133.8E6  | 126.2E6  | 51.848   | 51.313    |
| 6)                          | B beta-BHC      | 4.528  | 3.917 | 69599456 | 69366150 | 51.465   | 58.931    |
| 7)                          | B delta-BHC     | 4.775  | 4.146 | 140.7E6  | 139.0E6  | 51.671   | 54.853    |
| 8)                          | B Heptachlo...  | 5.688  | 4.741 | 126.6E6  | 120.1E6  | 51.765   | 53.276    |
| 9)                          | A Endosulfan I  | 6.073  | 5.111 | 121.9E6  | 116.9E6  | 54.288   | 55.383    |
| 10)                         | B gamma-Chl...  | 5.943  | 4.991 | 126.4E6  | 127.0E6  | 52.323   | 53.723    |
| 11)                         | B alpha-Chl...  | 6.022  | 5.054 | 124.4E6  | 127.5E6  | 51.651   | 54.200    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.243 | 103.8E6  | 112.5E6  | 49.602   | 53.850    |
| 13)                         | MA Dieldrin     | 6.347  | 5.375 | 118.2E6  | 120.3E6  | 50.191   | 52.814    |
| 14)                         | MA Endrin       | 6.577  | 5.650 | 96942136 | 109.2E6  | 49.990   | 53.618    |
| 15)                         | B Endosulfa...  | 6.796  | 5.944 | 94509395 | 103.3E6  | 46.702   | 53.406    |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.798 | 93107341 | 85596571 | 61.604   | 51.852    |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.048 | 88718284 | 91586740 | 49.980   | 51.557    |
| 18)                         | B Endrin al...  | 6.926  | 6.123 | 81088854 | 80576626 | 50.795   | 51.728    |
| 19)                         | B Endosulfa...  | 7.160  | 6.346 | 95706289 | 99200002 | 49.882   | 51.452    |
| 20)                         | A Methoxychlor  | 7.500  | 6.623 | 49614123 | 50383253 | 52.766   | 50.739    |
| 21)                         | B Endrin ke...  | 7.644  | 6.852 | 109.2E6  | 114.1E6  | 52.012   | 52.384    |
| 22)                         | Mirex           | 8.118  | 7.033 | 83271919 | 91203846 | 48.950   | 48.865    |
| 23)                         | Chlordane-1     | 0.000  | 3.798 | 0        | 670648   | N.D.     | 9.199 #   |
| 24)                         | Chlordane-2     | 5.262f | 4.376 | 133.8E6  | 549996   | 1317.870 | 5.854 #   |
| 25)                         | Chlordane-3     | 5.943  | 4.991 | 126.4E6  | 127.0E6  | 364.022  | 522.982 # |
| 26)                         | Chlordane-4     | 6.022  | 5.054 | 124.4E6  | 127.5E6  | 295.670  | 546.854 # |
| 27)                         | Chlordane-5     | 0.000  | 5.728 | 0        | 868257   | N.D.     | 12.541 #  |
| -----                       |                 |        |       |          |          |          |           |

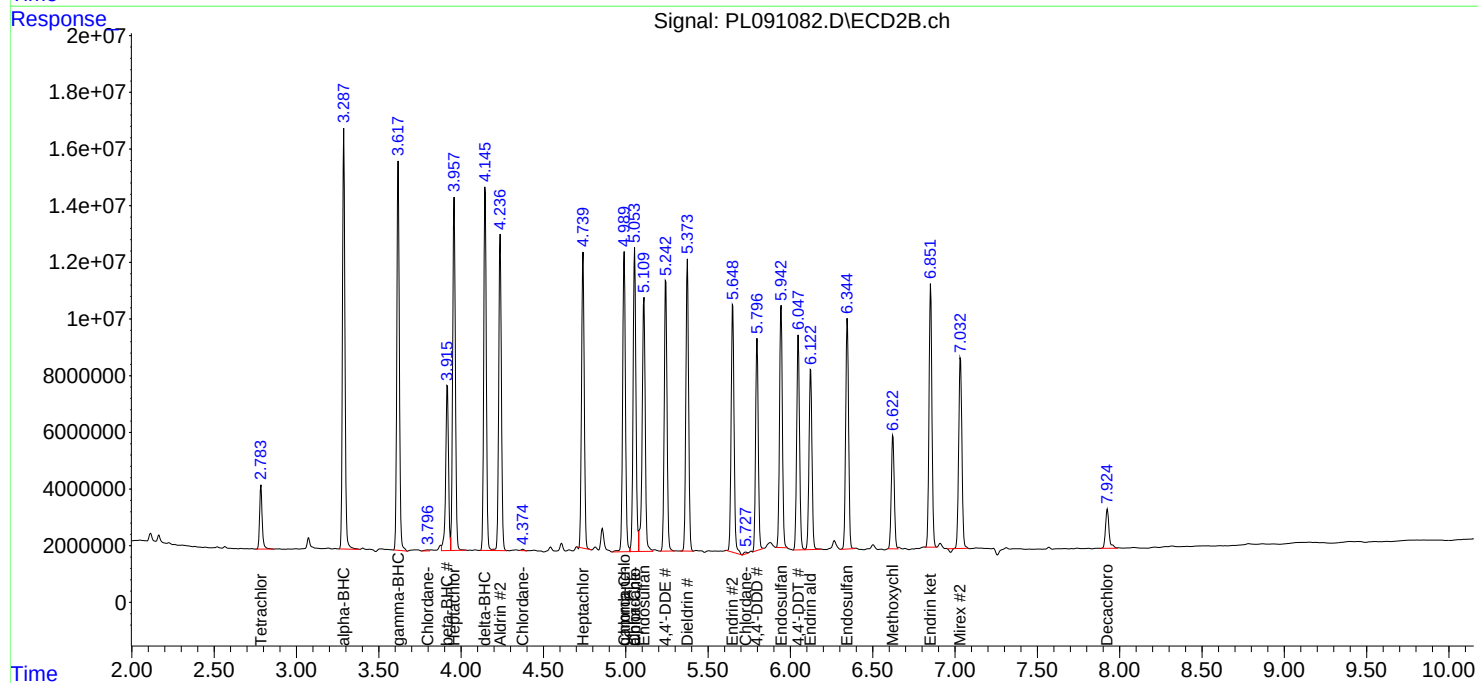
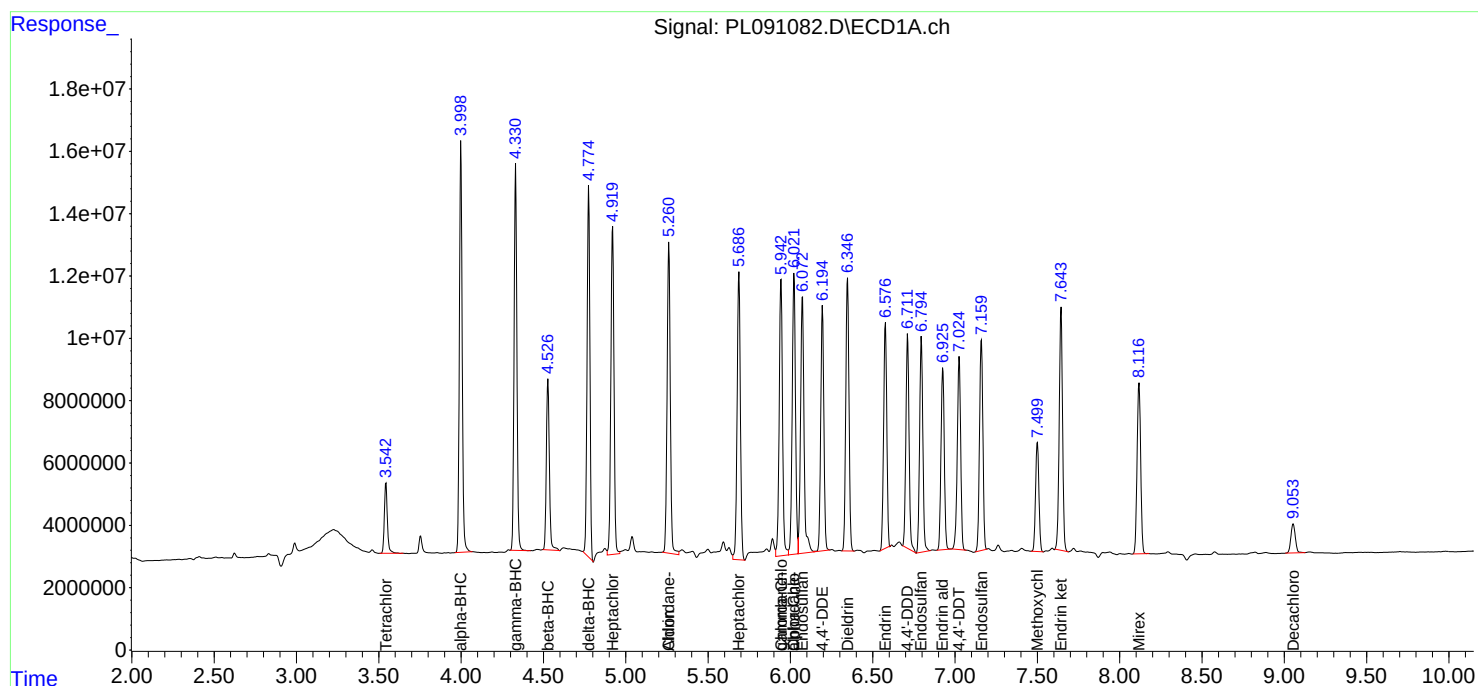
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

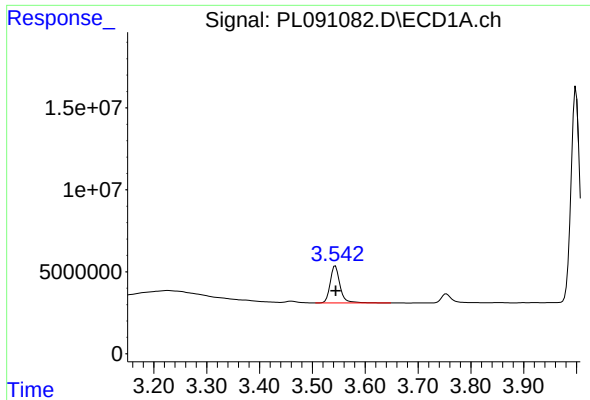
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081424\  
Data File : PL091082.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Aug 2024 23:31  
Operator : AR\AJ  
Sample : P3600-04MS  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 15 03:57:33 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 2024  
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

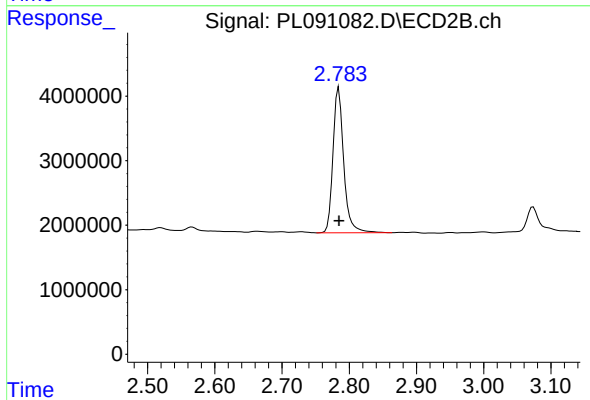




#1 Tetrachloro-m-xylene

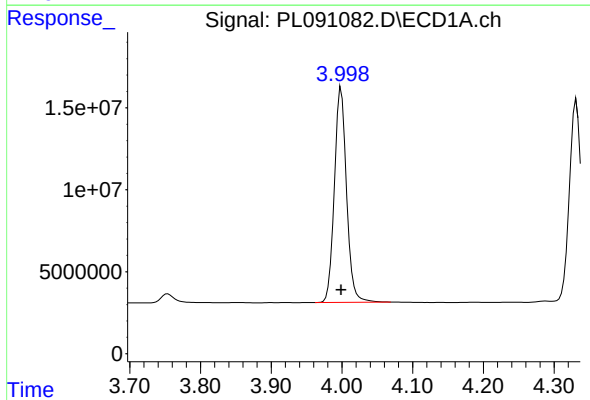
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 29167535  
Conc: 13.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



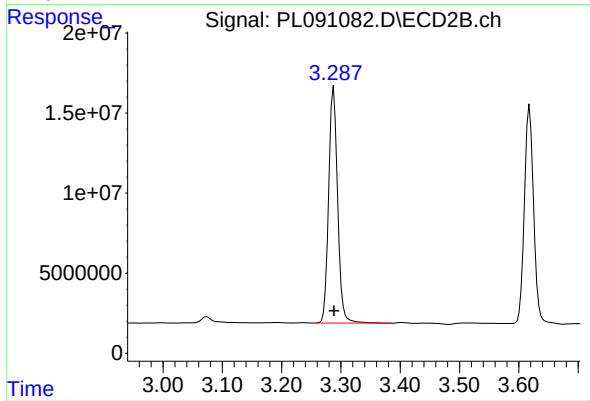
#1 Tetrachloro-m-xylene

R.T.: 2.784 min  
Delta R.T.: 0.000 min  
Response: 24748133  
Conc: 12.68 ng/ml



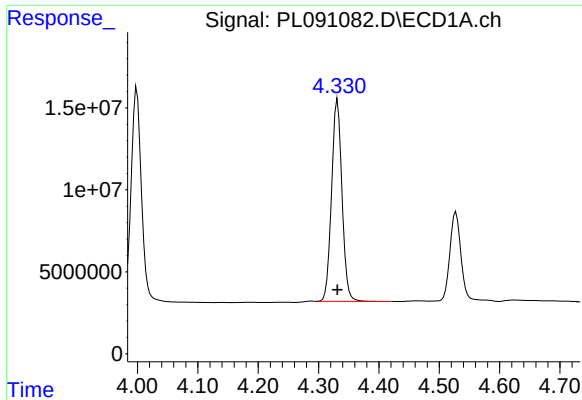
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 156376636  
Conc: 52.16 ng/ml



#2 alpha-BHC

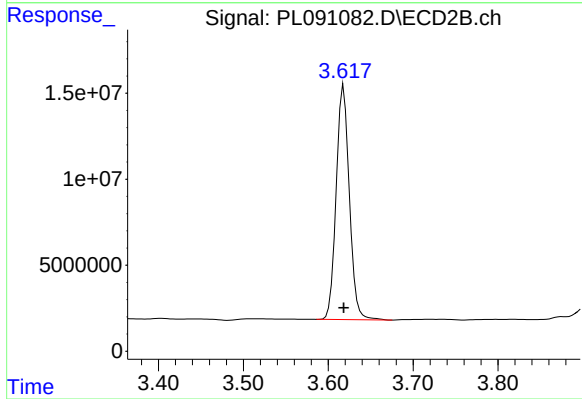
R.T.: 3.288 min  
Delta R.T.: 0.000 min  
Response: 154741040  
Conc: 55.79 ng/ml



#3 gamma-BHC (Lindane)

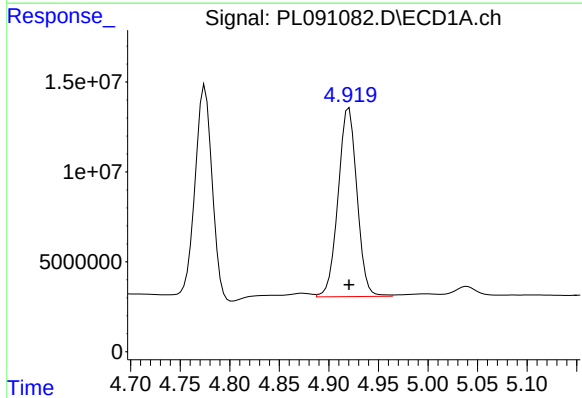
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 147974268  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



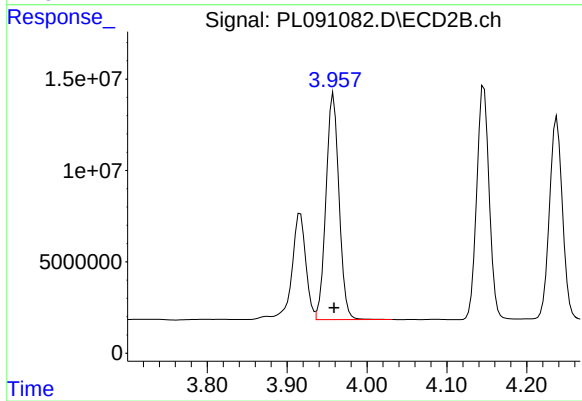
#3 gamma-BHC (Lindane)

R.T.: 3.618 min  
Delta R.T.: 0.000 min  
Response: 146938443  
Conc: 55.79 ng/ml



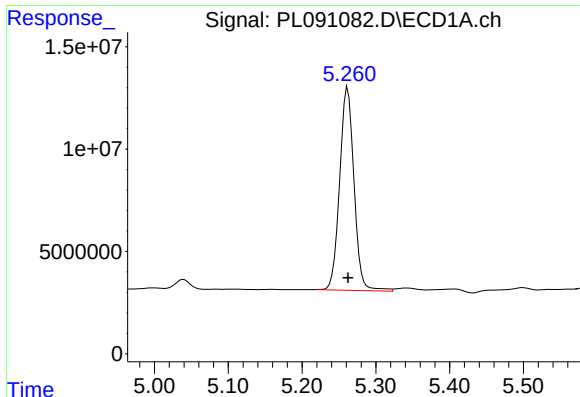
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 139031282  
Conc: 52.21 ng/ml



#4 Heptachlor

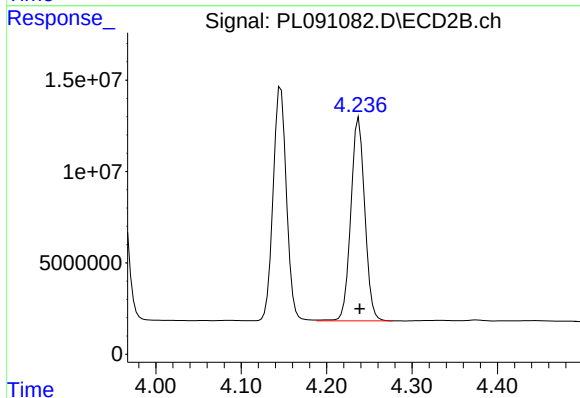
R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 140470558  
Conc: 54.39 ng/ml



#5 Aldrin

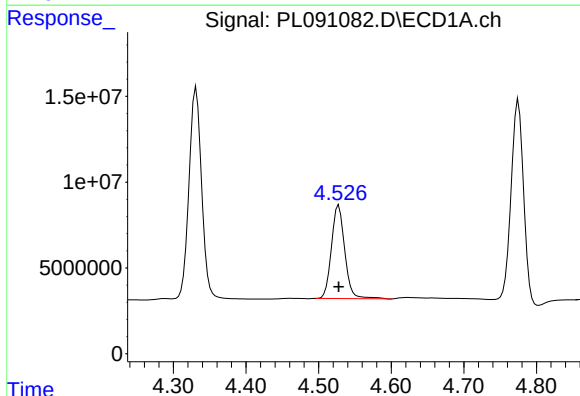
R.T.: 5.262 min  
Delta R.T.: 0.000 min  
Response: 133813315  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



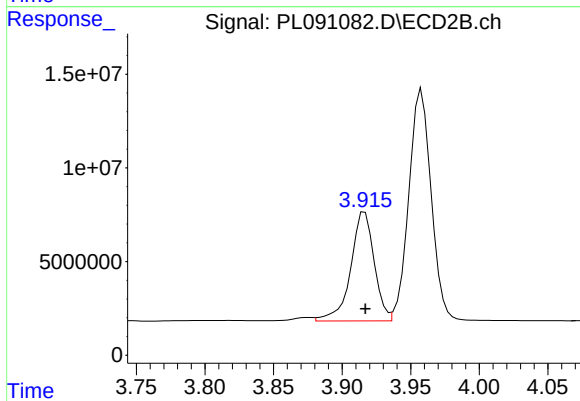
#5 Aldrin

R.T.: 4.238 min  
Delta R.T.: -0.001 min  
Response: 126187758  
Conc: 51.31 ng/ml



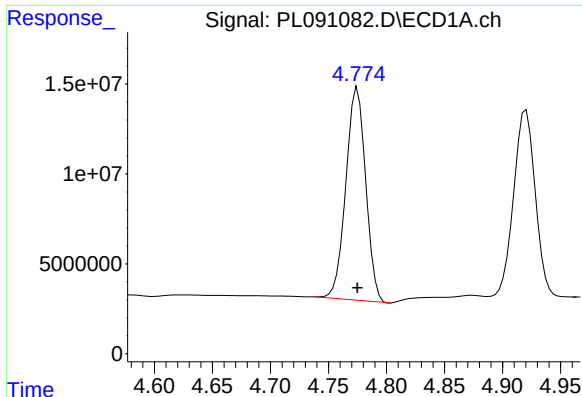
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 69599456  
Conc: 51.47 ng/ml



#6 beta-BHC

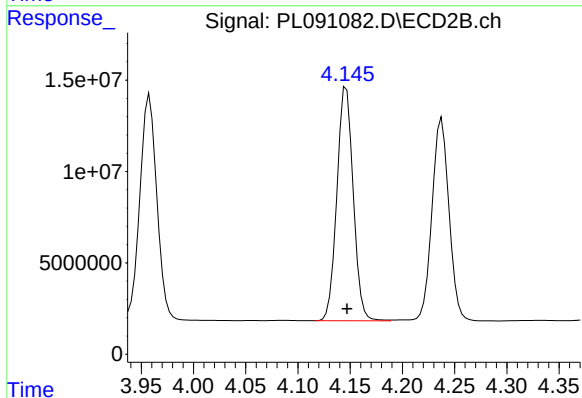
R.T.: 3.917 min  
Delta R.T.: 0.000 min  
Response: 69366150  
Conc: 58.93 ng/ml



#7 delta-BHC

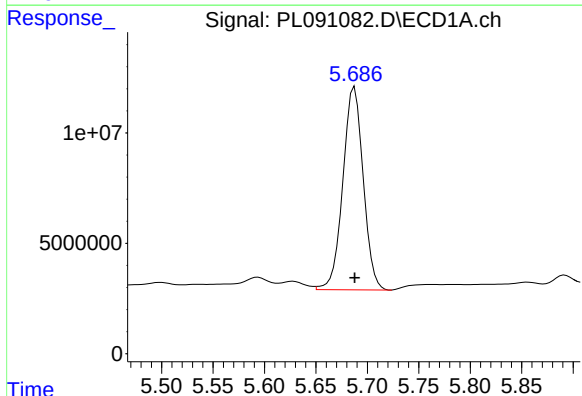
R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 140672972  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



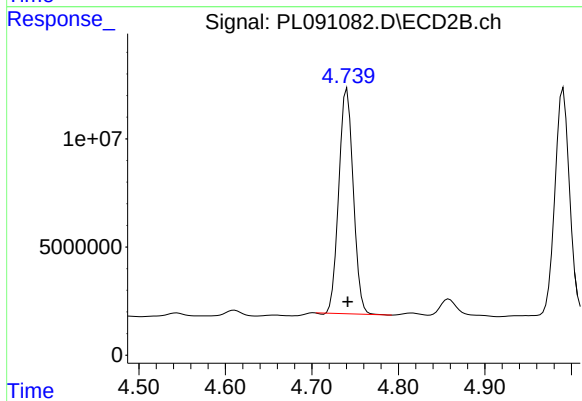
#7 delta-BHC

R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 139010009  
Conc: 54.85 ng/ml



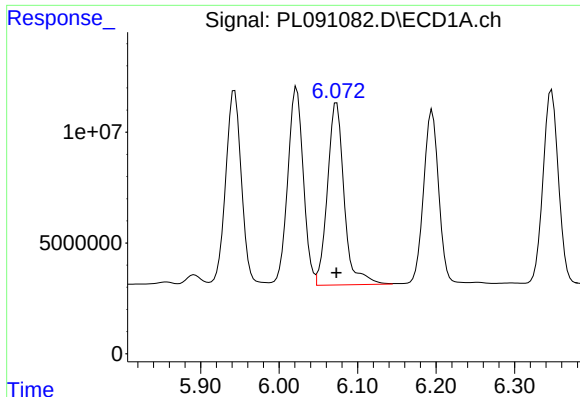
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 126644778  
Conc: 51.76 ng/ml



#8 Heptachlor epoxide

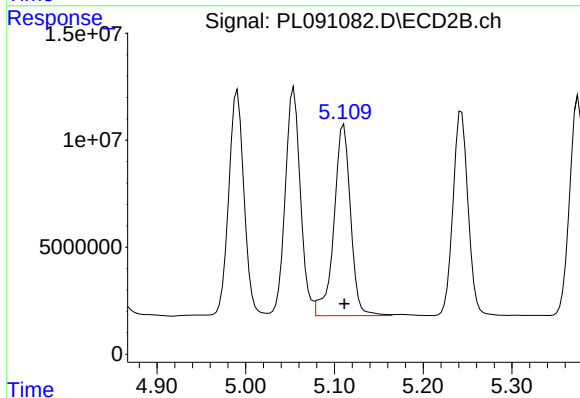
R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 120128503  
Conc: 53.28 ng/ml



#9 Endosulfan I

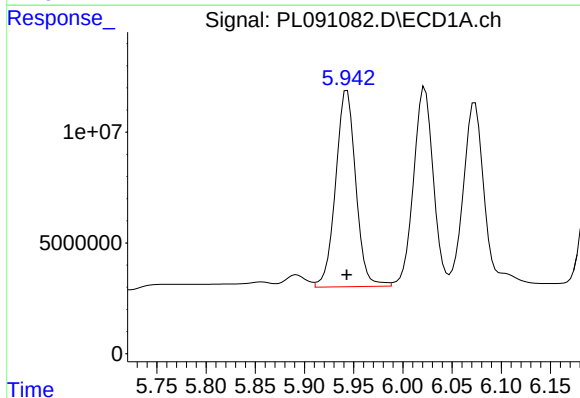
R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 121894854  
Conc: 54.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



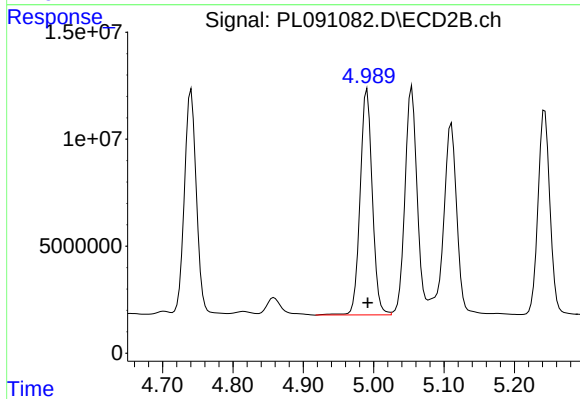
#9 Endosulfan I

R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 116868708  
Conc: 55.38 ng/ml



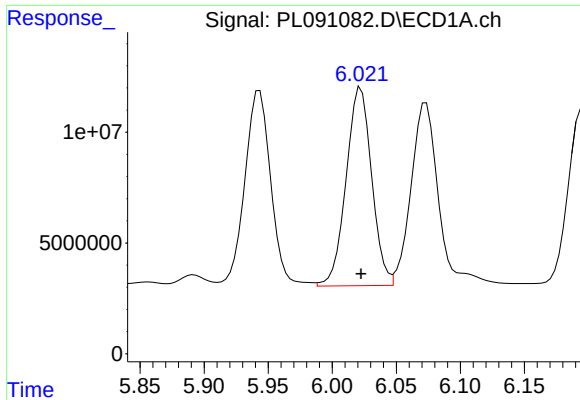
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 126433906  
Conc: 52.32 ng/ml



#10 gamma-Chlordane

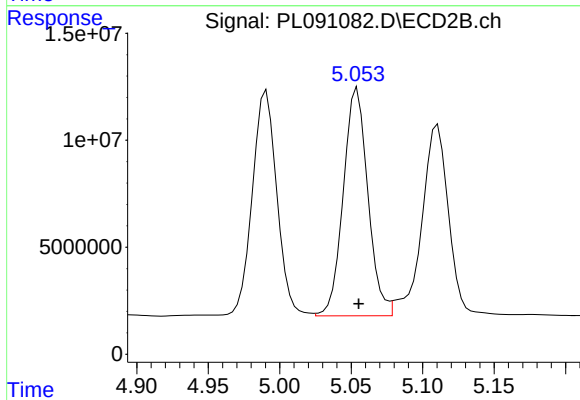
R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 126998495  
Conc: 53.72 ng/ml



#11 alpha-Chlordane

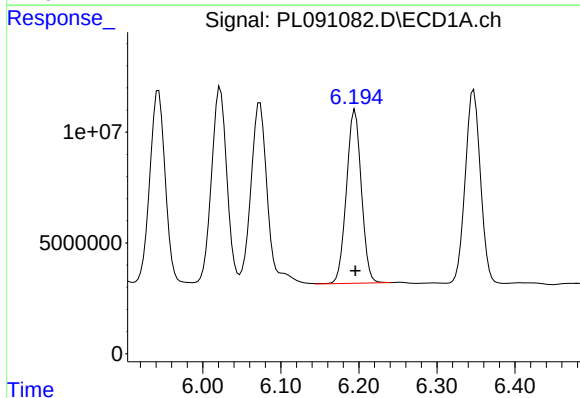
R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 124362503  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



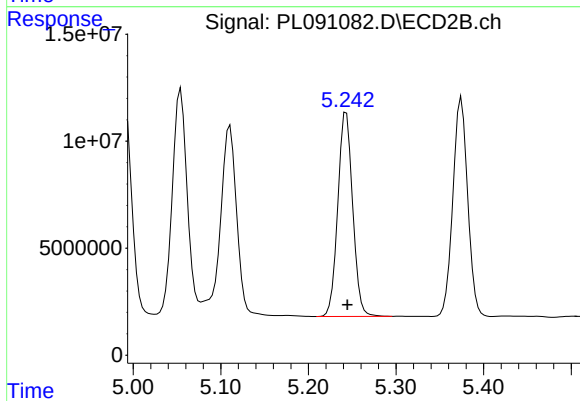
#11 alpha-Chlordane

R.T.: 5.054 min  
Delta R.T.: 0.000 min  
Response: 127509207  
Conc: 54.20 ng/ml



#12 4,4'-DDE

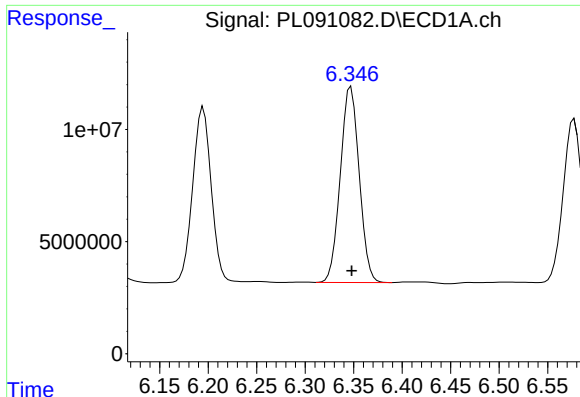
R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 103772731  
Conc: 49.60 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min  
Delta R.T.: -0.001 min  
Response: 112513971  
Conc: 53.85 ng/ml

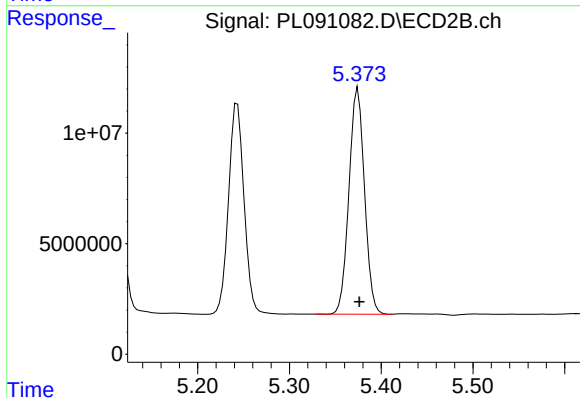




#13 Dieldrin

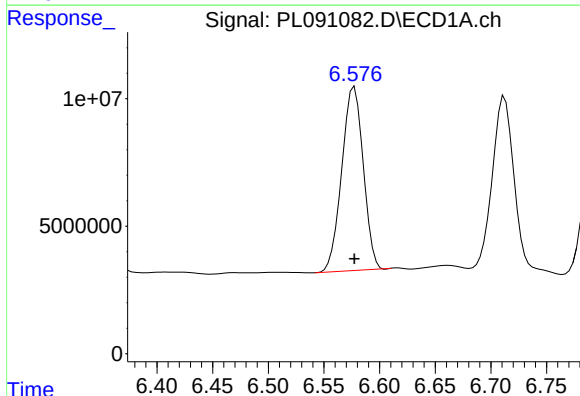
R.T.: 6.347 min  
Delta R.T.: 0.000 min  
Response: 118212211  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



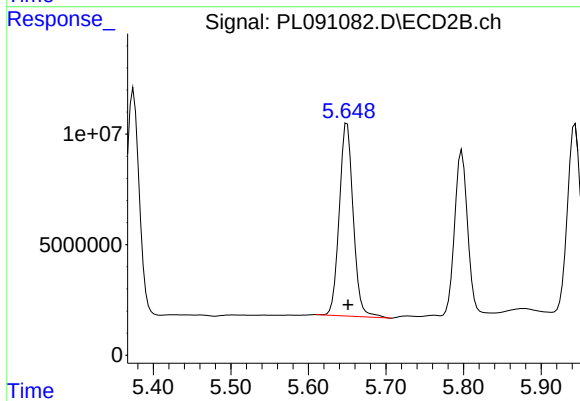
#13 Dieldrin

R.T.: 5.375 min  
Delta R.T.: -0.001 min  
Response: 120285125  
Conc: 52.81 ng/ml



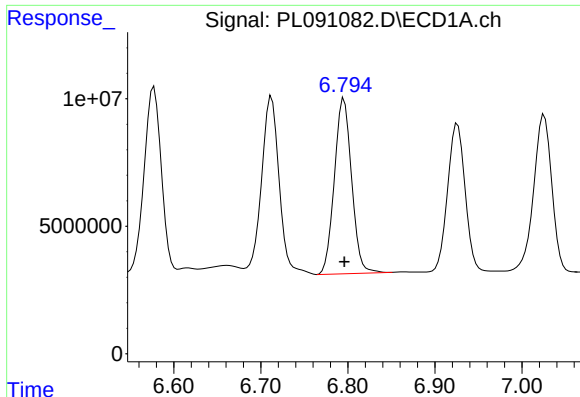
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.000 min  
Response: 96942136  
Conc: 49.99 ng/ml



#14 Endrin

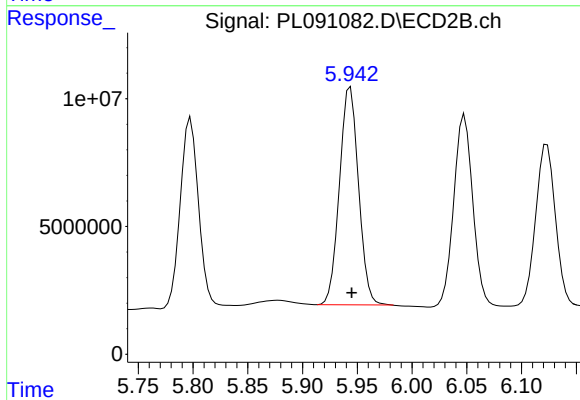
R.T.: 5.650 min  
Delta R.T.: -0.001 min  
Response: 109227550  
Conc: 53.62 ng/ml



#15 Endosulfan II

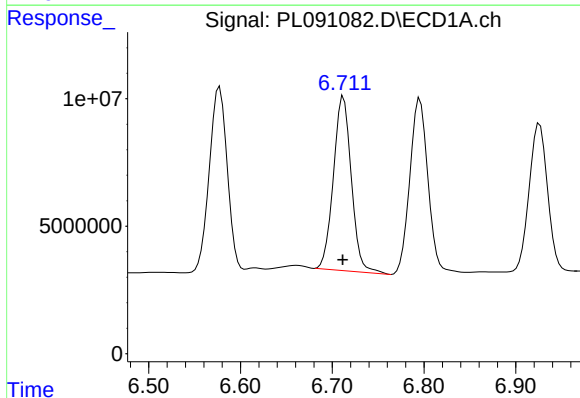
R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 94509395  
Conc: 46.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



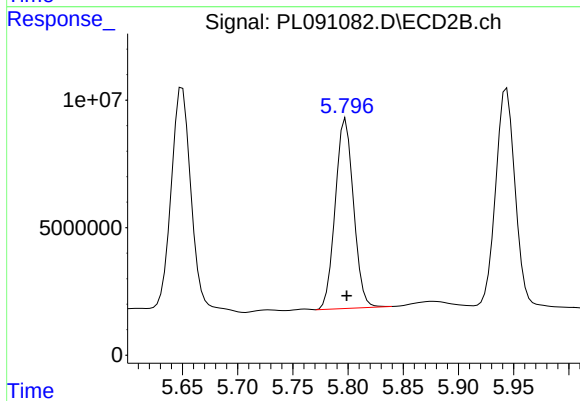
#15 Endosulfan II

R.T.: 5.944 min  
Delta R.T.: -0.001 min  
Response: 103324736  
Conc: 53.41 ng/ml



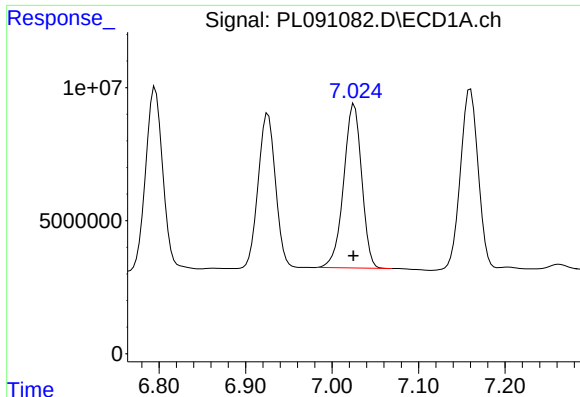
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.000 min  
Response: 93107341  
Conc: 61.60 ng/ml



#16 4,4'-DDD

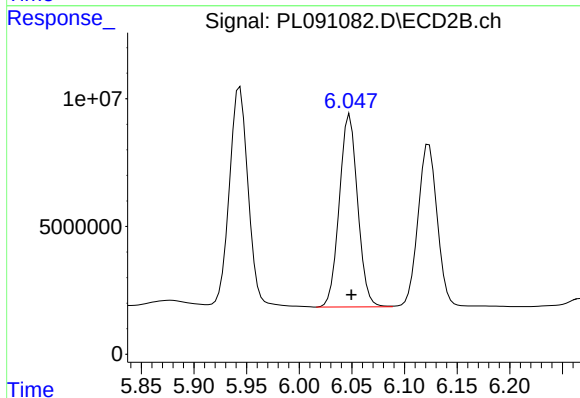
R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 85596571  
Conc: 51.85 ng/ml



#17 4,4'-DDT

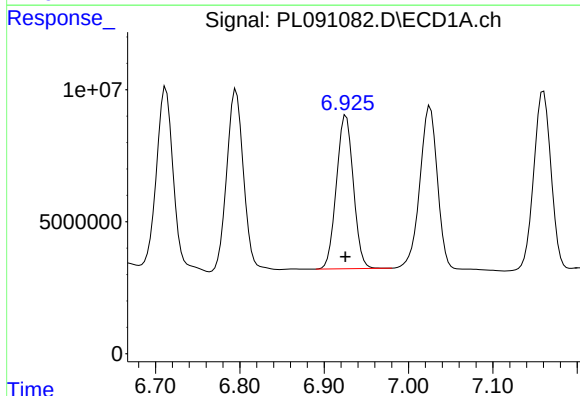
R.T.: 7.026 min  
Delta R.T.: 0.000 min  
Response: 88718284  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



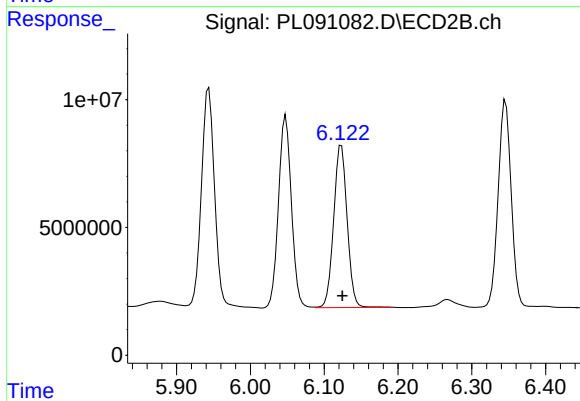
#17 4,4'-DDT

R.T.: 6.048 min  
Delta R.T.: -0.001 min  
Response: 91586740  
Conc: 51.56 ng/ml



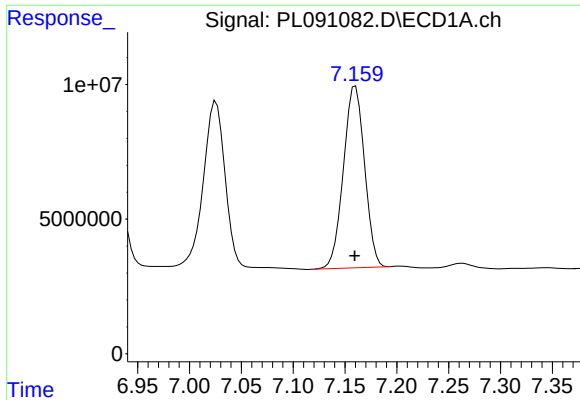
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 81088854  
Conc: 50.79 ng/ml



#18 Endrin aldehyde

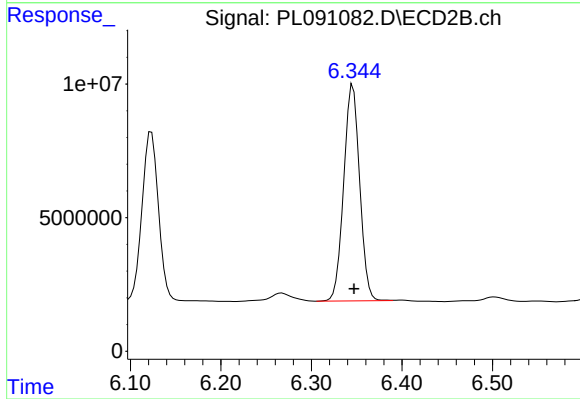
R.T.: 6.123 min  
Delta R.T.: -0.001 min  
Response: 80576626  
Conc: 51.73 ng/ml



#19 Endosulfan Sulfate

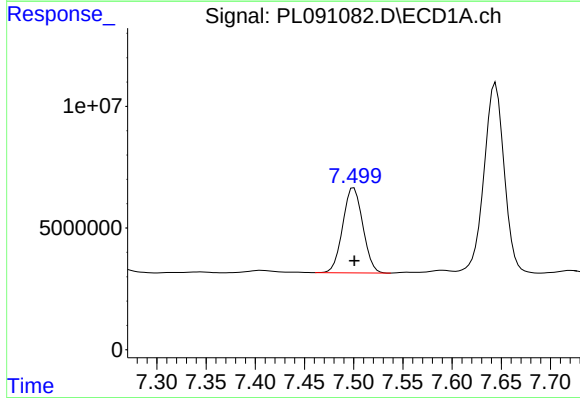
R.T.: 7.160 min  
Delta R.T.: 0.000 min  
Response: 95706289  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



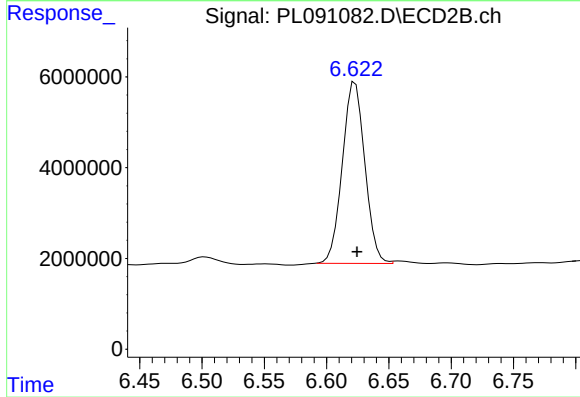
#19 Endosulfan Sulfate

R.T.: 6.346 min  
Delta R.T.: -0.001 min  
Response: 99200002  
Conc: 51.45 ng/ml



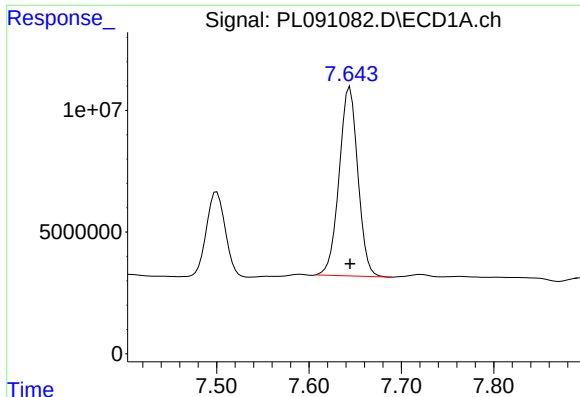
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.000 min  
Response: 49614123  
Conc: 52.77 ng/ml



#20 Methoxychlor

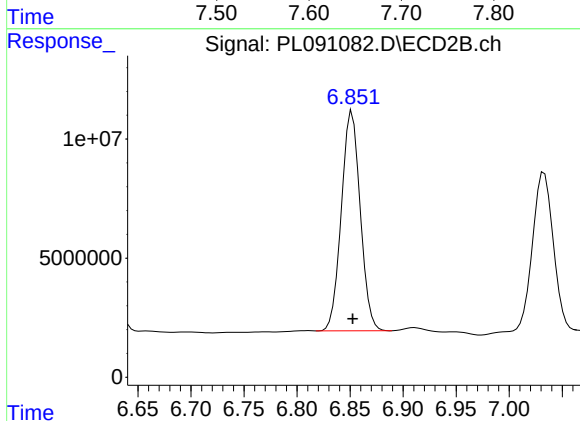
R.T.: 6.623 min  
Delta R.T.: -0.001 min  
Response: 50383253  
Conc: 50.74 ng/ml



#21 Endrin ketone

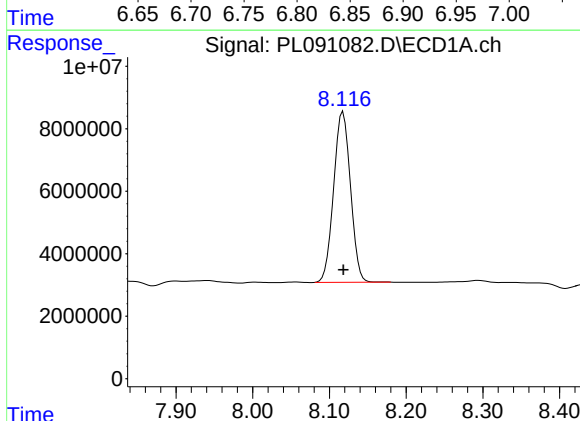
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 109211355  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



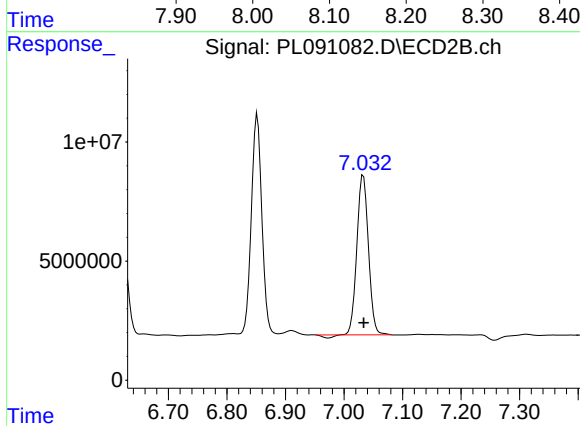
#21 Endrin ketone

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 114090371  
Conc: 52.38 ng/ml



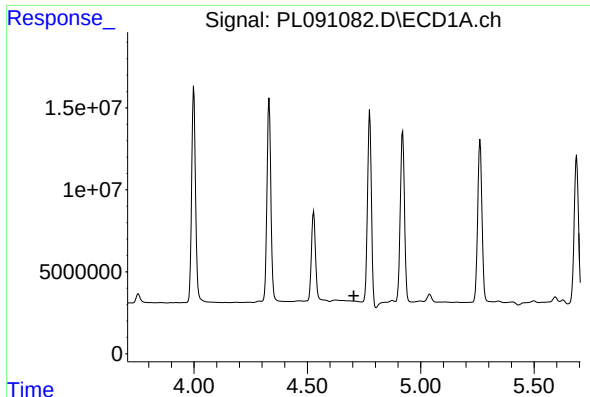
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.000 min  
Response: 83271919  
Conc: 48.95 ng/ml



#22 Mirex

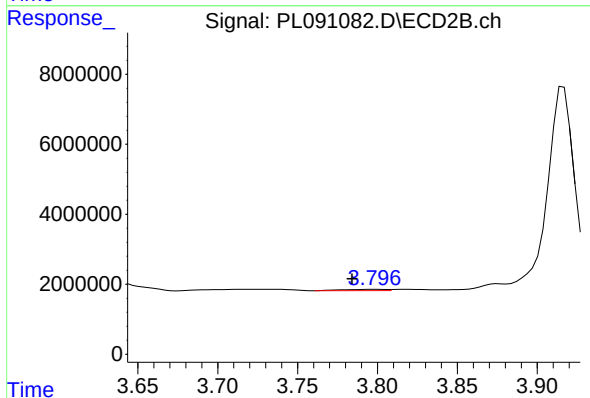
R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 91203846  
Conc: 48.87 ng/ml



#23 Chlordane-1

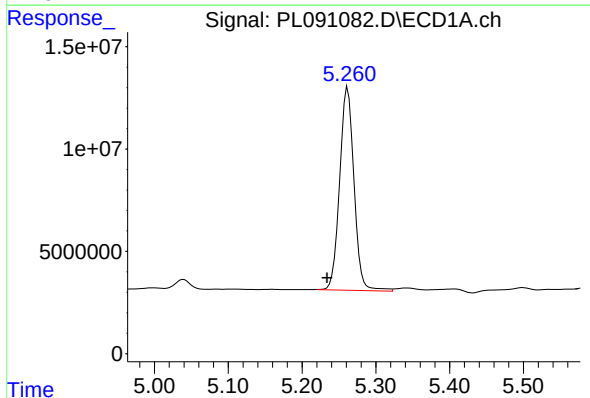
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



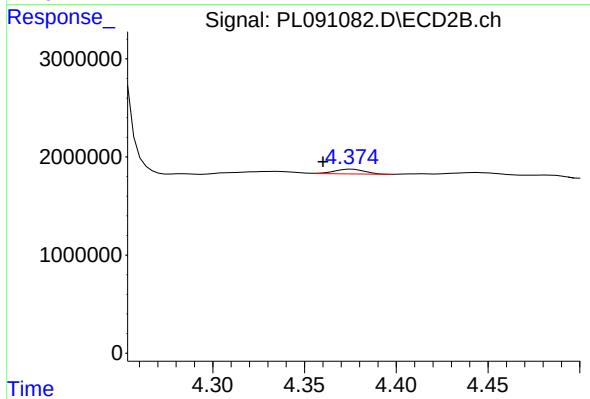
#23 Chlordane-1

R.T.: 3.798 min  
Delta R.T.: 0.014 min  
Response: 670648  
Conc: 9.20 ng/ml



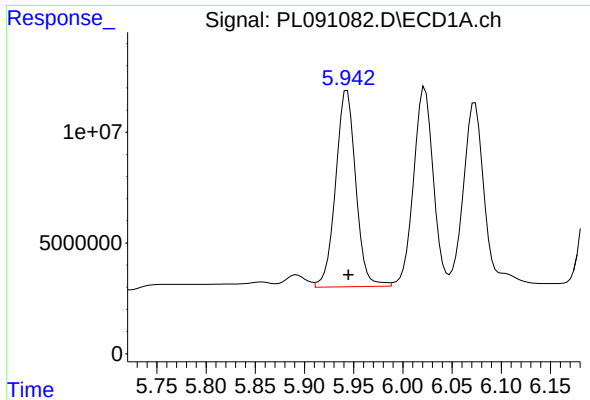
#24 Chlordane-2

R.T.: 5.262 min  
Delta R.T.: 0.028 min  
Response: 133813315  
Conc: 1317.87 ng/ml



#24 Chlordane-2

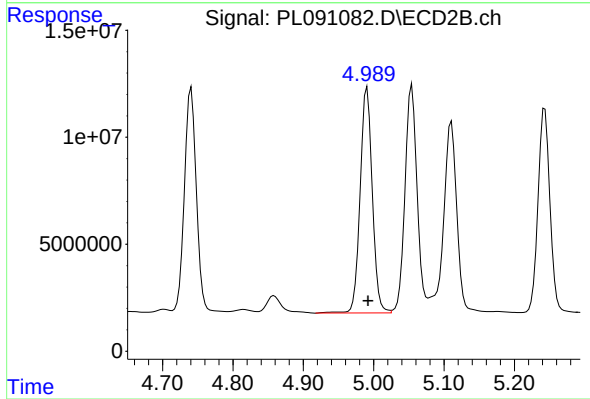
R.T.: 4.376 min  
Delta R.T.: 0.016 min  
Response: 549996  
Conc: 5.85 ng/ml



#25 Chlordane-3

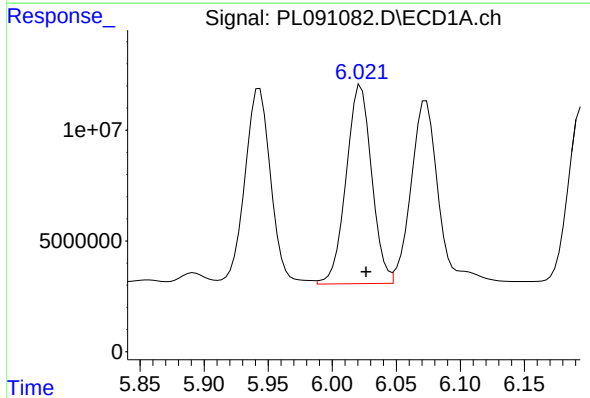
R.T.: 5.943 min  
Delta R.T.: -0.001 min  
Response: 126433906  
Conc: 364.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



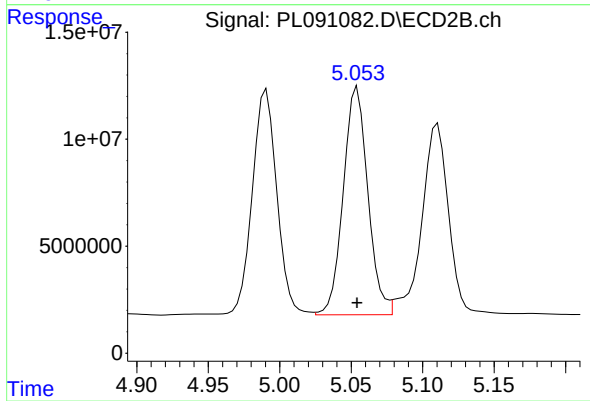
#25 Chlordane-3

R.T.: 4.991 min  
Delta R.T.: -0.001 min  
Response: 126998495  
Conc: 522.98 ng/ml



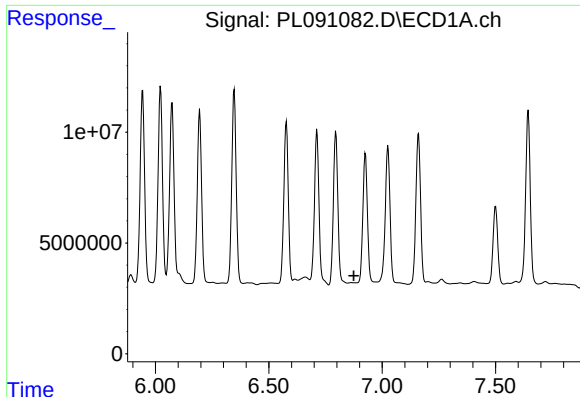
#26 Chlordane-4

R.T.: 6.022 min  
Delta R.T.: -0.004 min  
Response: 124362503  
Conc: 295.67 ng/ml



#26 Chlordane-4

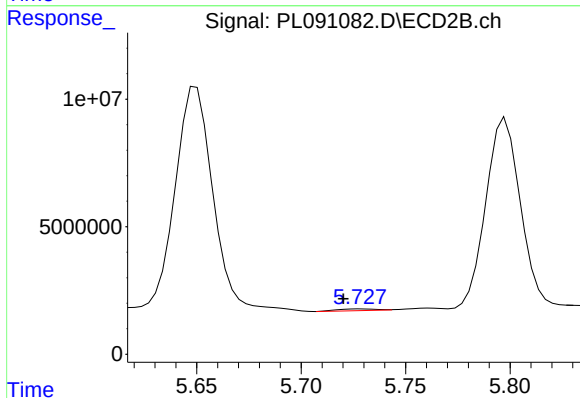
R.T.: 5.054 min  
Delta R.T.: 0.000 min  
Response: 127509207  
Conc: 546.85 ng/ml



#27 Chlordane-5

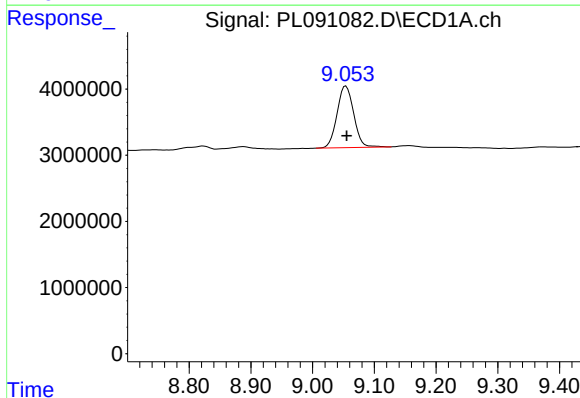
R.T.: 0.000 min  
Exp R.T.: 6.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



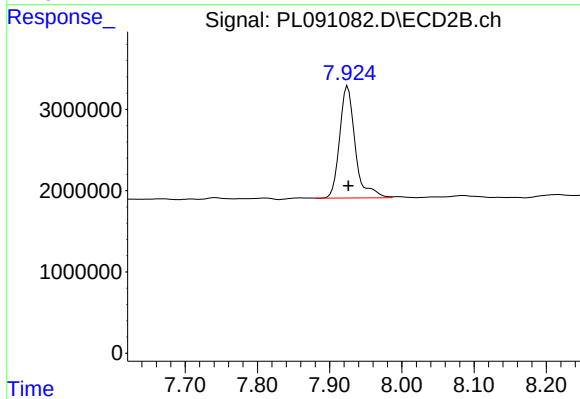
#27 Chlordane-5

R.T.: 5.728 min  
Delta R.T.: 0.008 min  
Response: 868257  
Conc: 12.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: -0.001 min  
Response: 17520838  
Conc: 11.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: 0.000 min  
Response: 20595505  
Conc: 10.87 ng/ml