

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
 Data File : PL090945.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2024 03:56  
 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: Aug 10 04:16:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 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... | 3.548 | 2.788  | 101.5E6  | 95530028 | 52.411  | 55.258    |
| 28)                         | SA Decachlor... | 9.063 | 7.930  | 76771832 | 85838589 | 53.435  | 51.426    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.004 | 3.292  | 149.2E6  | 139.4E6  | 54.025  | 56.582    |
| 3)                          | MA gamma-BHC... | 4.337 | 3.622  | 140.1E6  | 131.1E6  | 53.284  | 55.980    |
| 4)                          | MA Heptachlor   | 4.925 | 3.962  | 132.1E6  | 128.0E6  | 53.414  | 55.208    |
| 5)                          | MB Aldrin       | 5.267 | 4.243  | 125.6E6  | 123.0E6  | 52.265  | 55.490    |
| 6)                          | B beta-BHC      | 4.532 | 3.921  | 66343681 | 57126803 | 52.700  | 53.709    |
| 7)                          | B delta-BHC     | 4.780 | 4.151  | 134.3E6  | 126.5E6  | 53.637  | 56.624    |
| 8)                          | B Heptachlo...  | 5.693 | 4.745  | 117.2E6  | 109.4E6  | 51.564  | 53.695    |
| 9)                          | A Endosulfan I  | 6.078 | 5.115  | 108.0E6  | 102.8E6  | 51.527  | 53.242    |
| 10)                         | B gamma-Chl...  | 5.948 | 4.995  | 116.8E6  | 114.8E6  | 51.674  | 53.750    |
| 11)                         | B alpha-Chl...  | 6.028 | 5.059  | 115.9E6  | 114.3E6  | 51.733  | 53.565    |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.248  | 104.0E6  | 102.5E6  | 52.467  | 54.657    |
| 13)                         | MA Dieldrin     | 6.353 | 5.379  | 114.2E6  | 111.1E6  | 52.045  | 53.806    |
| 14)                         | MA Endrin       | 6.582 | 5.655  | 94849755 | 98269165 | 51.790  | 53.781    |
| 15)                         | B Endosulfa...  | 6.801 | 5.949  | 101.5E6  | 96627080 | 50.616  | 53.201    |
| 16)                         | A 4,4'-DDD      | 6.716 | 5.803  | 86308649 | 83229076 | 52.354  | 53.637    |
| 17)                         | MA 4,4'-DDT     | 7.030 | 6.053  | 94091042 | 89502205 | 52.778  | 53.973    |
| 18)                         | B Endrin al...  | 6.931 | 6.129  | 78746394 | 73784142 | 52.287  | 52.114    |
| 19)                         | B Endosulfa...  | 7.165 | 6.351  | 92594937 | 92291831 | 51.625  | 52.868    |
| 20)                         | A Methoxychlor  | 7.506 | 6.628  | 50208589 | 47973399 | 52.616  | 51.974    |
| 21)                         | B Endrin ke...  | 7.650 | 6.857  | 103.7E6  | 105.7E6  | 52.317  | 53.308    |
| 22)                         | Mirex           | 8.123 | 7.038  | 80674296 | 86576251 | 51.898  | 51.555    |
| 24)                         | Chlordane-2     | 0.000 | 4.380f | 0        | 1877118  | N.D.    | 22.569 #  |
| 25)                         | Chlordane-3     | 5.948 | 4.995  | 116.8E6  | 114.8E6  | 355.053 | 512.613 # |
| 26)                         | Chlordane-4     | 6.028 | 5.059  | 115.9E6  | 114.3E6  | 289.109 | 534.142 # |
| 27)                         | Chlordane-5     | 0.000 | 5.750f | 0        | 214812   | N.D.    | 3.214 #   |
| -----                       |                 |       |        |          |          |         |           |

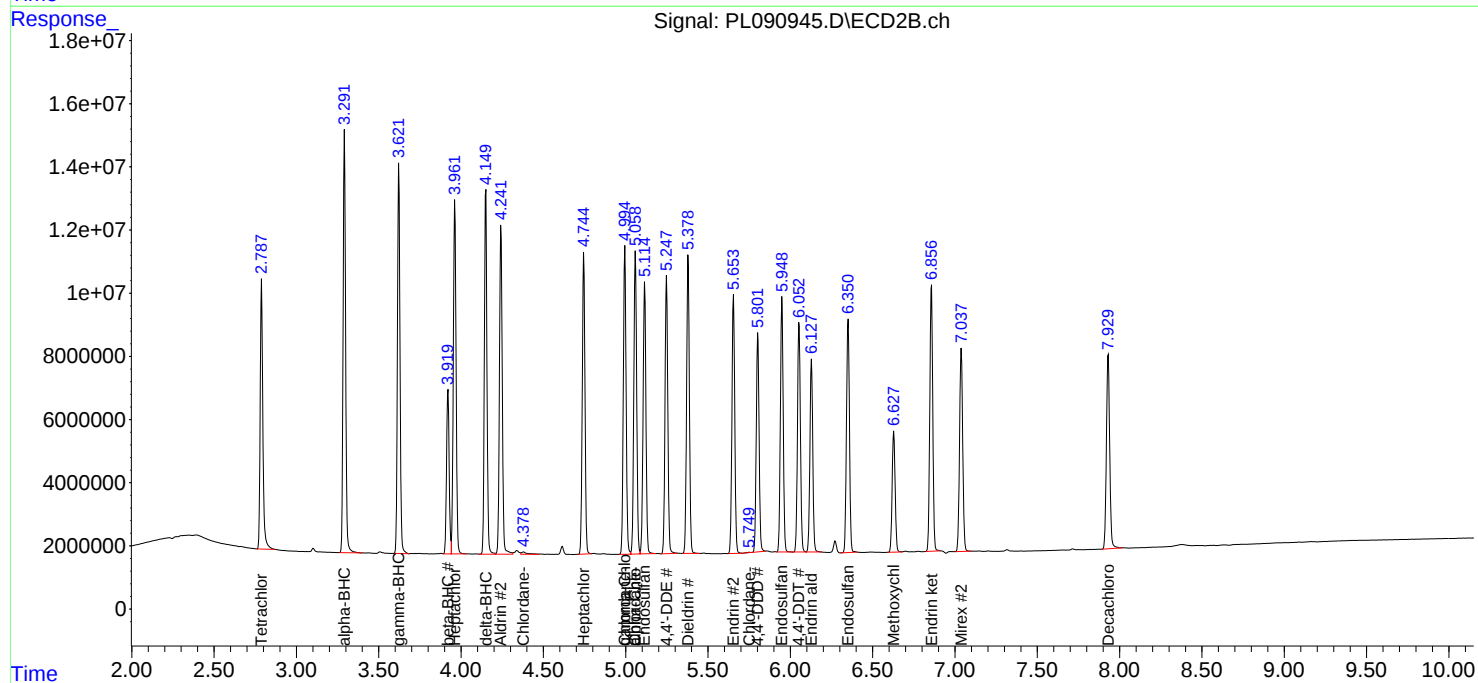
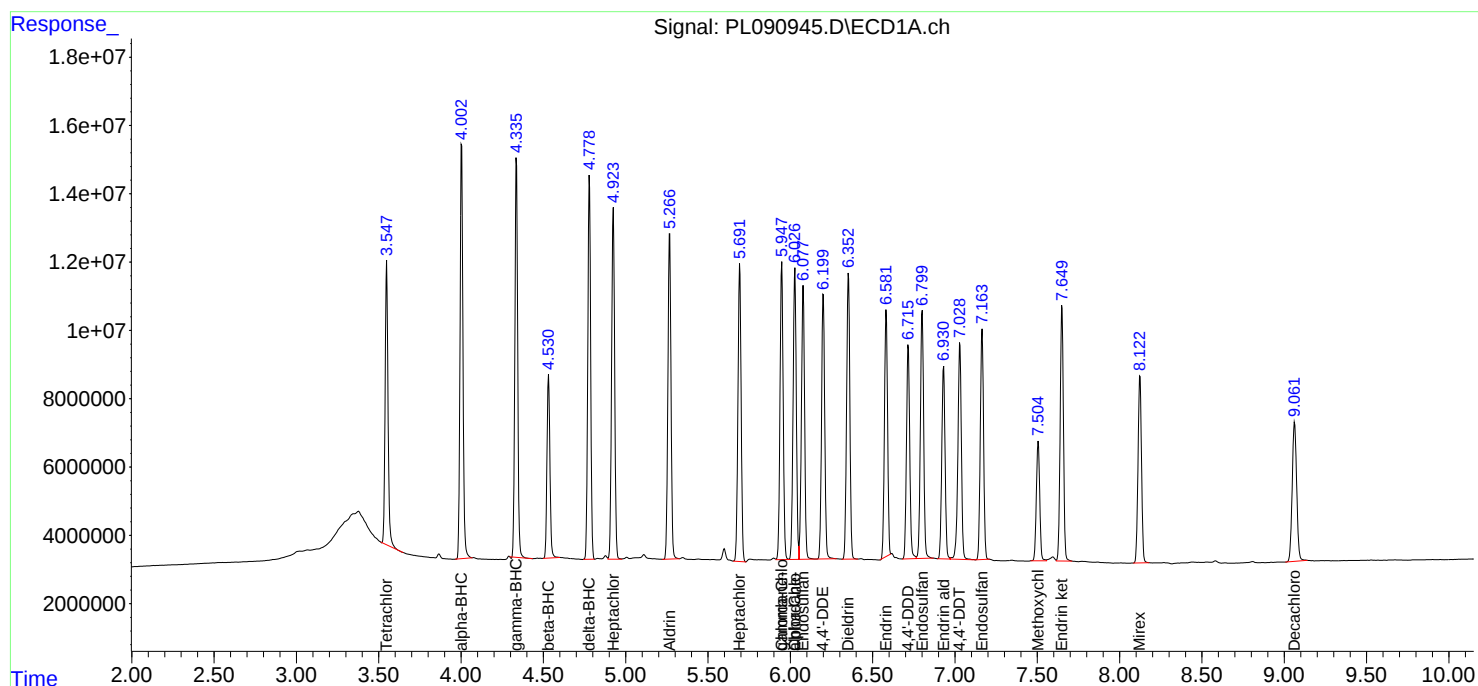
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

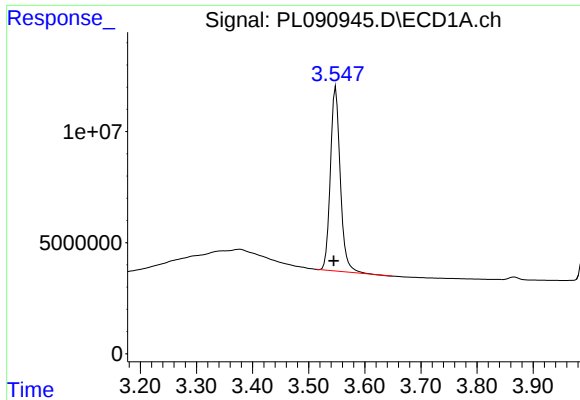
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
Data File : PL090945.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2024 03:56  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 04:16:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 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

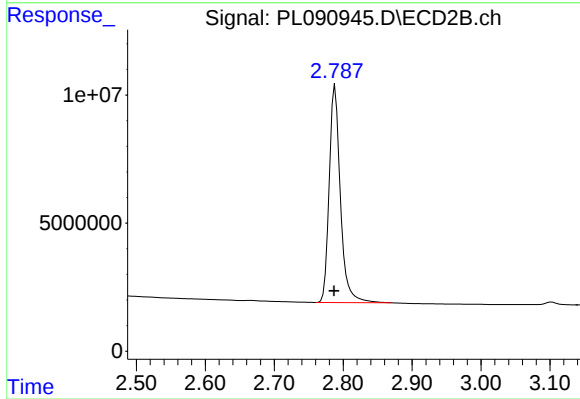




#1 Tetrachloro-m-xylene

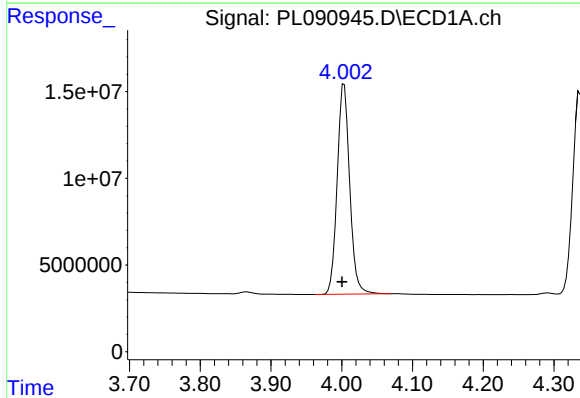
R.T.: 3.548 min  
Delta R.T.: 0.003 min  
Response: 101480834  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



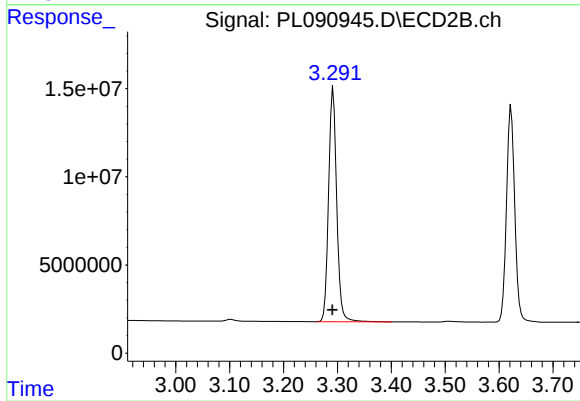
#1 Tetrachloro-m-xylene

R.T.: 2.788 min  
Delta R.T.: 0.002 min  
Response: 95530028  
Conc: 55.26 ng/ml



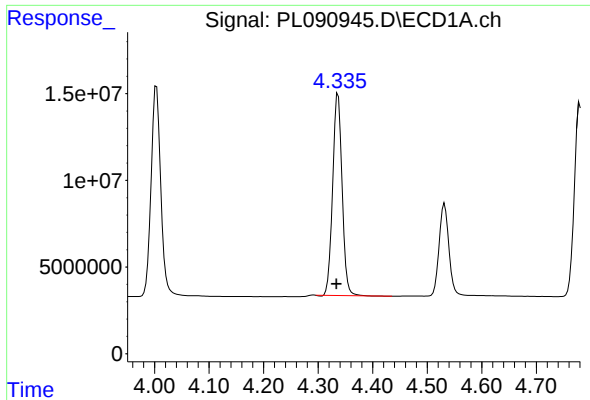
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.003 min  
Response: 149226481  
Conc: 54.02 ng/ml



#2 alpha-BHC

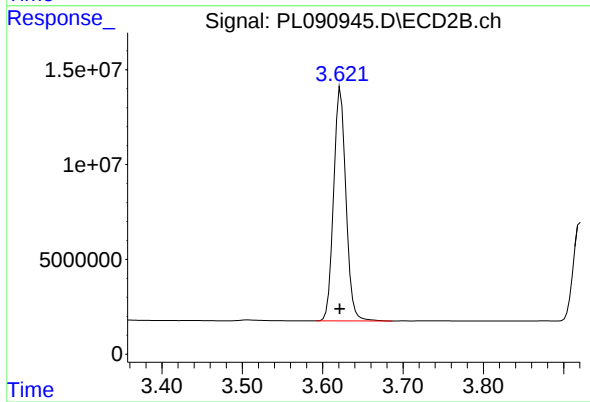
R.T.: 3.292 min  
Delta R.T.: 0.001 min  
Response: 139386252  
Conc: 56.58 ng/ml



#3 gamma-BHC (Lindane)

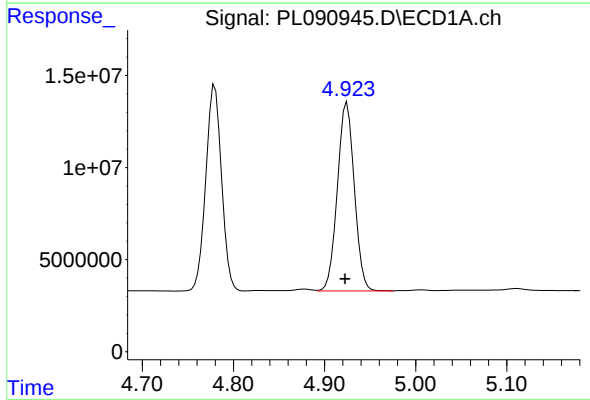
R.T.: 4.337 min  
Delta R.T.: 0.003 min  
Response: 140141170  
Conc: 53.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



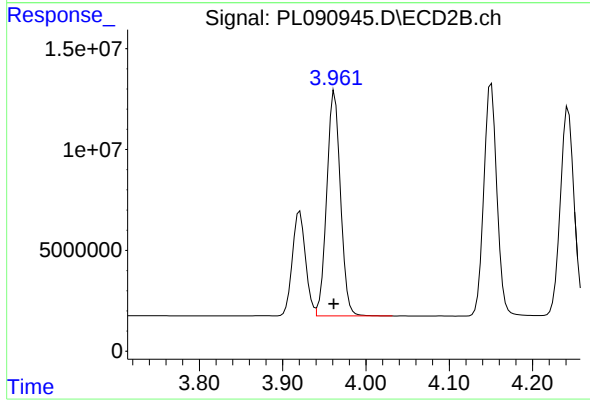
#3 gamma-BHC (Lindane)

R.T.: 3.622 min  
Delta R.T.: 0.001 min  
Response: 131060218  
Conc: 55.98 ng/ml



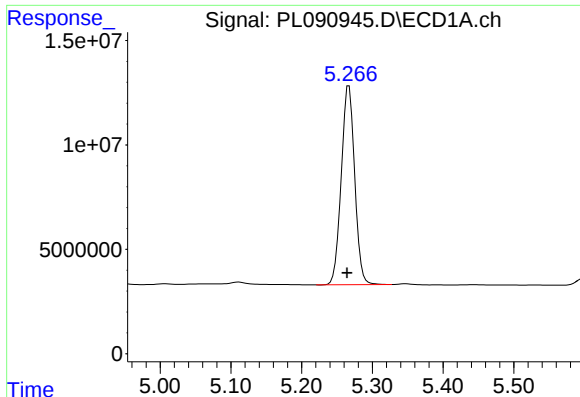
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: 0.002 min  
Response: 132096116  
Conc: 53.41 ng/ml



#4 Heptachlor

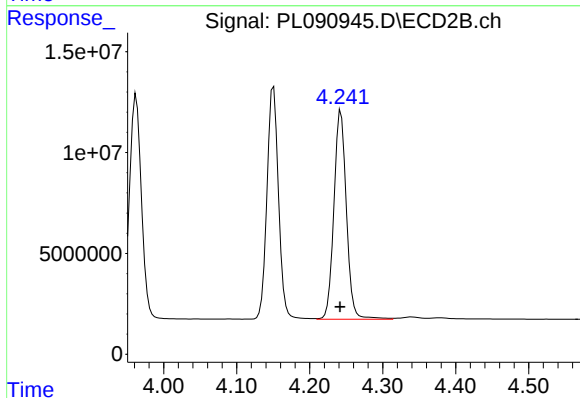
R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 128002781  
Conc: 55.21 ng/ml



#5 Aldrin

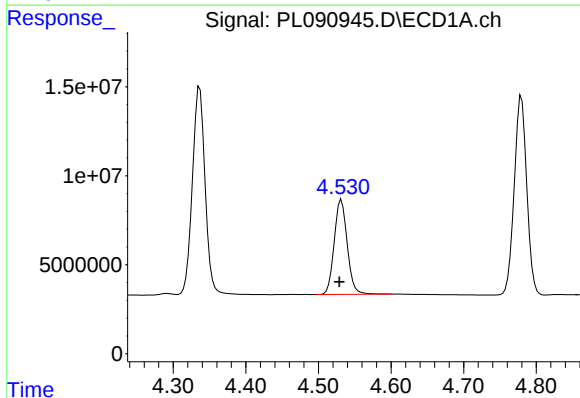
R.T.: 5.267 min  
Delta R.T.: 0.003 min  
Response: 125633423  
Conc: 52.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



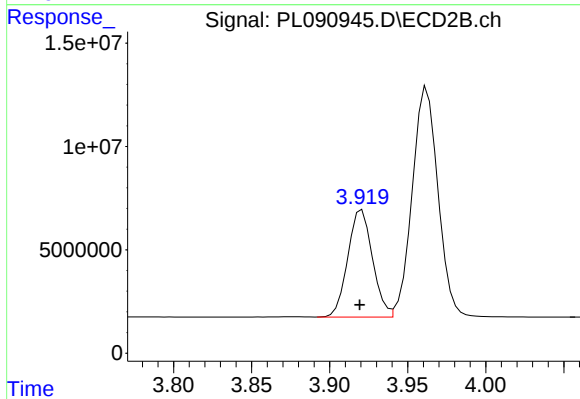
#5 Aldrin

R.T.: 4.243 min  
Delta R.T.: 0.001 min  
Response: 123025420  
Conc: 55.49 ng/ml



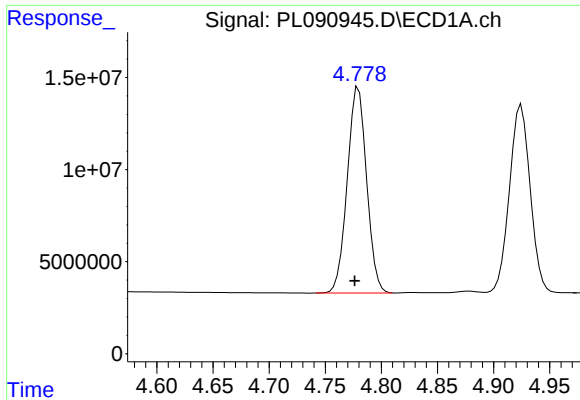
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.003 min  
Response: 66343681  
Conc: 52.70 ng/ml



#6 beta-BHC

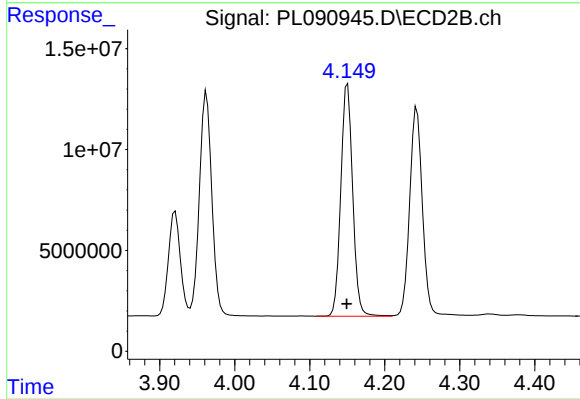
R.T.: 3.921 min  
Delta R.T.: 0.002 min  
Response: 57126803  
Conc: 53.71 ng/ml



#7 delta-BHC

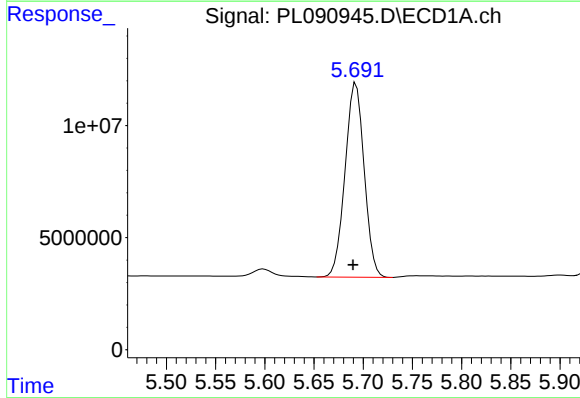
R.T.: 4.780 min  
Delta R.T.: 0.003 min  
Response: 134279260  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



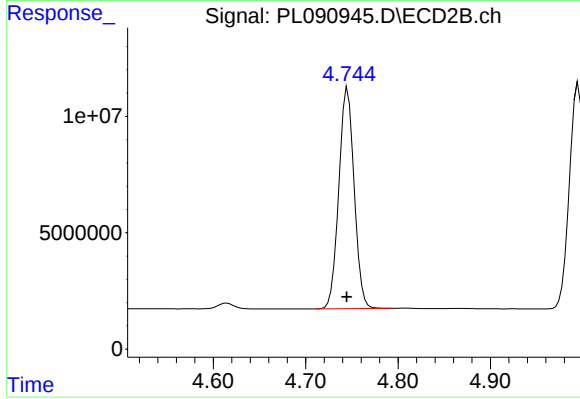
#7 delta-BHC

R.T.: 4.151 min  
Delta R.T.: 0.001 min  
Response: 126542935  
Conc: 56.62 ng/ml



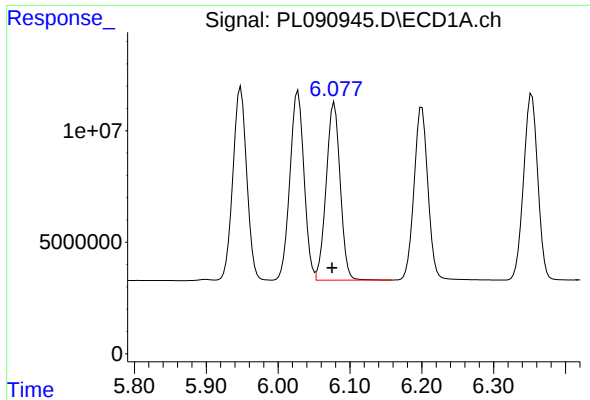
#8 Heptachlor epoxide

R.T.: 5.693 min  
Delta R.T.: 0.003 min  
Response: 117177202  
Conc: 51.56 ng/ml



#8 Heptachlor epoxide

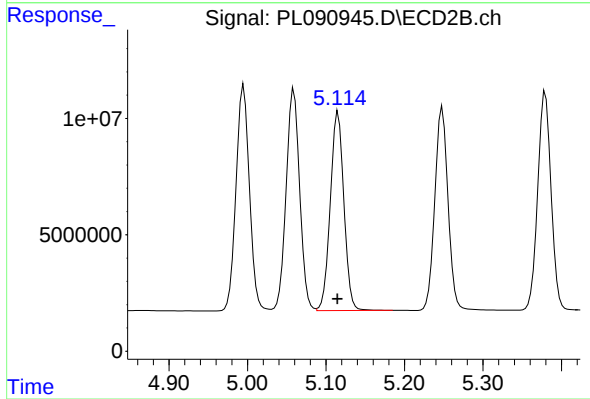
R.T.: 4.745 min  
Delta R.T.: 0.000 min  
Response: 109448157  
Conc: 53.70 ng/ml



#9 Endosulfan I

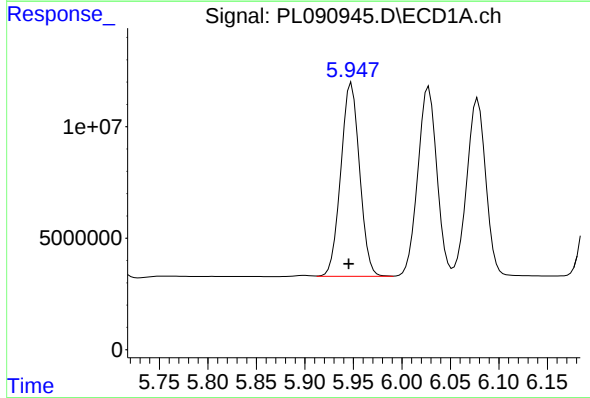
R.T.: 6.078 min  
Delta R.T.: 0.003 min  
Response: 108010832  
Conc: 51.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



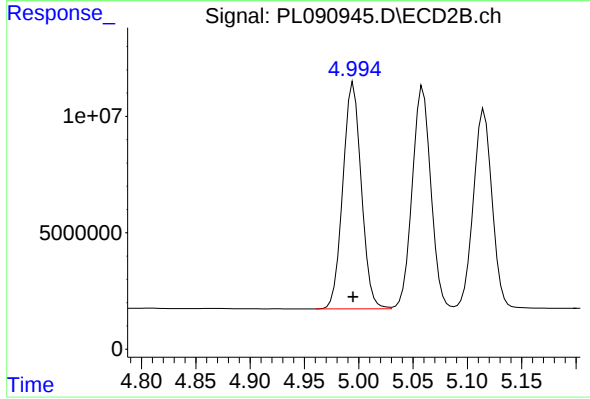
#9 Endosulfan I

R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 102814633  
Conc: 53.24 ng/ml



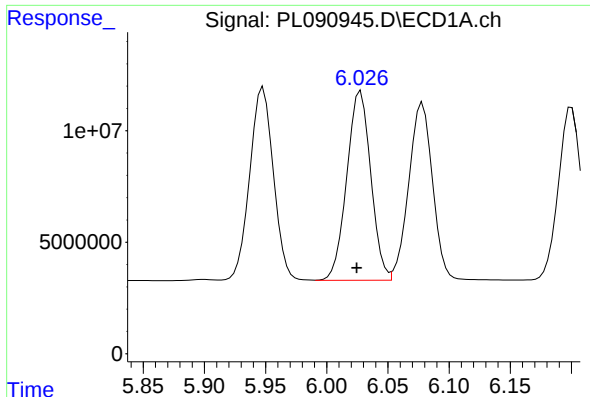
#10 gamma-Chlordane

R.T.: 5.948 min  
Delta R.T.: 0.003 min  
Response: 116760117  
Conc: 51.67 ng/ml



#10 gamma-Chlordane

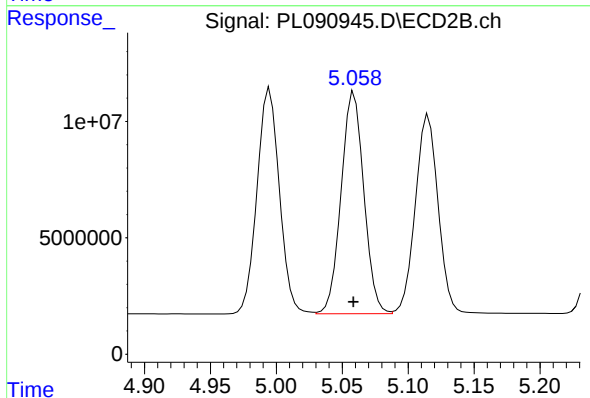
R.T.: 4.995 min  
Delta R.T.: 0.000 min  
Response: 114789519  
Conc: 53.75 ng/ml



#11 alpha-Chlordane

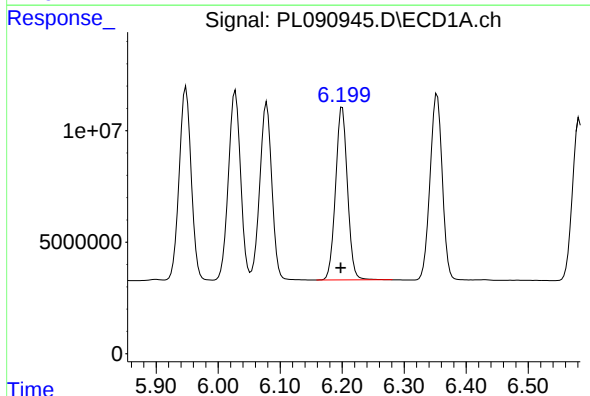
R.T.: 6.028 min  
Delta R.T.: 0.003 min  
Response: 115858771  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



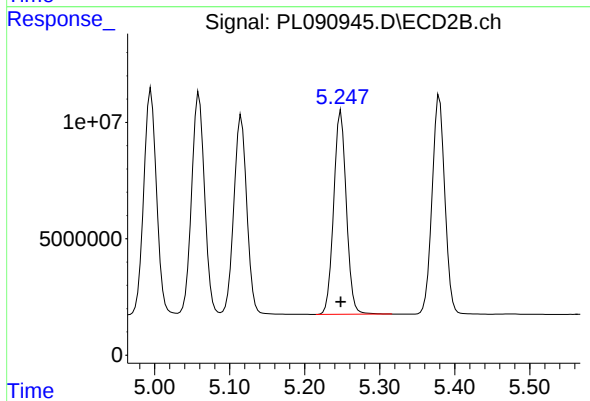
#11 alpha-Chlordane

R.T.: 5.059 min  
Delta R.T.: 0.000 min  
Response: 114284407  
Conc: 53.56 ng/ml



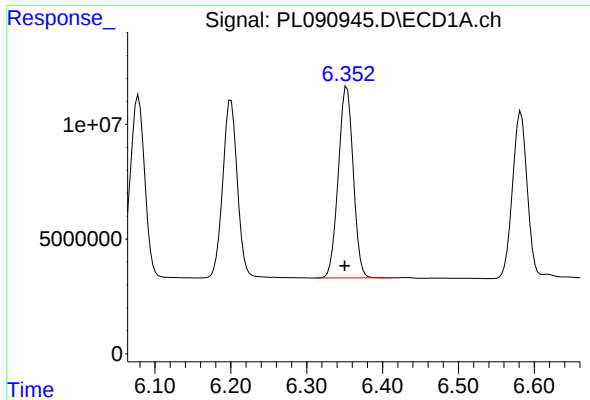
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.003 min  
Response: 104009598  
Conc: 52.47 ng/ml



#12 4,4'-DDE

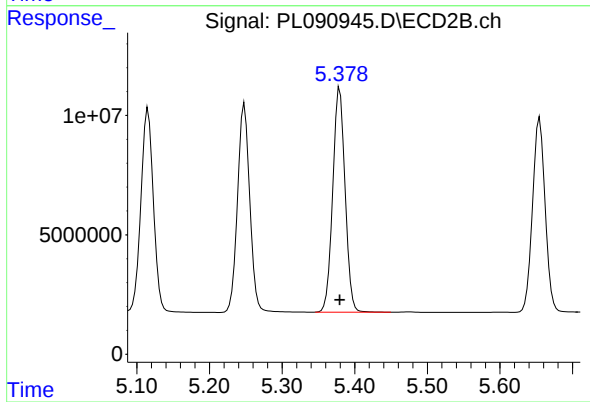
R.T.: 5.248 min  
Delta R.T.: 0.000 min  
Response: 102531310  
Conc: 54.66 ng/ml



#13 Dieldrin

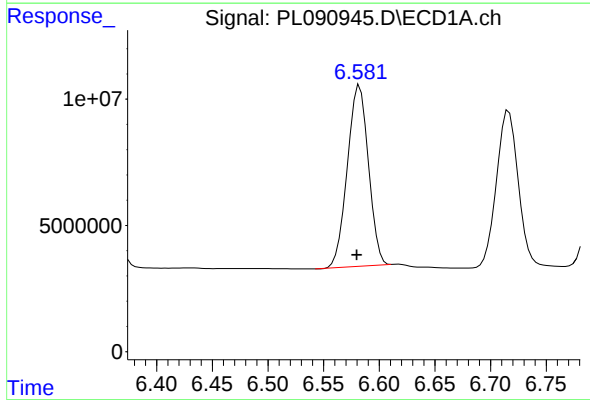
R.T.: 6.353 min  
Delta R.T.: 0.003 min  
Response: 114152556  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



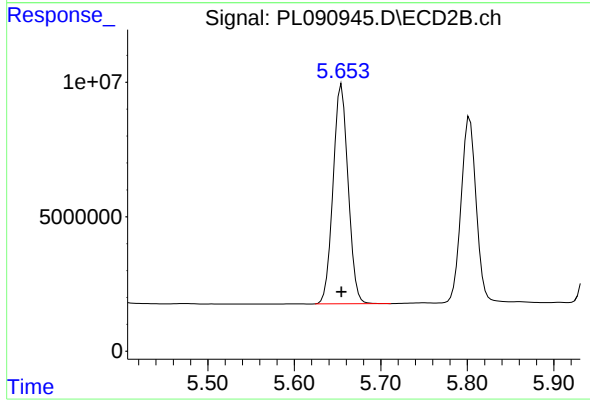
#13 Dieldrin

R.T.: 5.379 min  
Delta R.T.: 0.000 min  
Response: 111094904  
Conc: 53.81 ng/ml



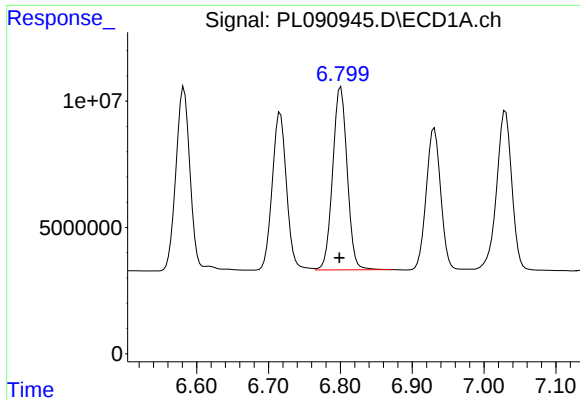
#14 Endrin

R.T.: 6.582 min  
Delta R.T.: 0.002 min  
Response: 94849755  
Conc: 51.79 ng/ml



#14 Endrin

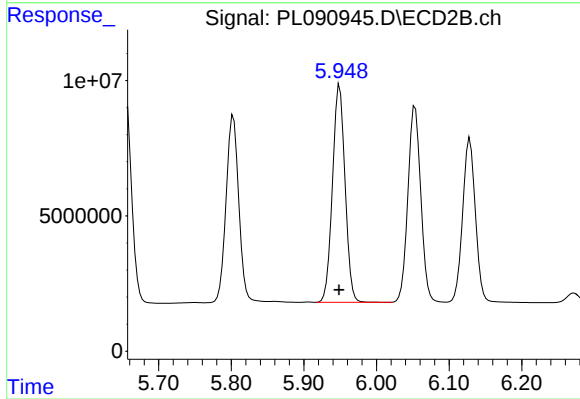
R.T.: 5.655 min  
Delta R.T.: 0.000 min  
Response: 98269165  
Conc: 53.78 ng/ml



#15 Endosulfan II

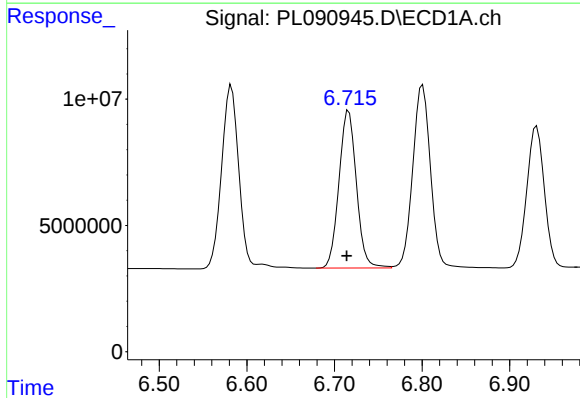
R.T.: 6.801 min  
Delta R.T.: 0.002 min  
Response: 101503028  
Conc: 50.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



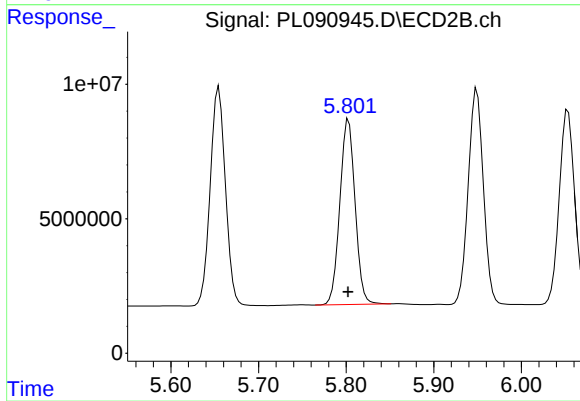
#15 Endosulfan II

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 96627080  
Conc: 53.20 ng/ml



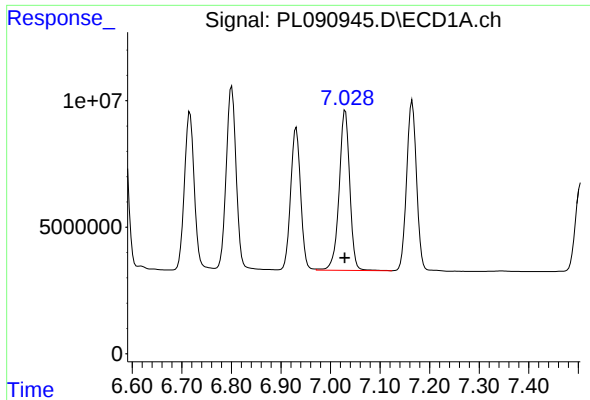
#16 4,4'-DDD

R.T.: 6.716 min  
Delta R.T.: 0.002 min  
Response: 86308649  
Conc: 52.35 ng/ml



#16 4,4'-DDD

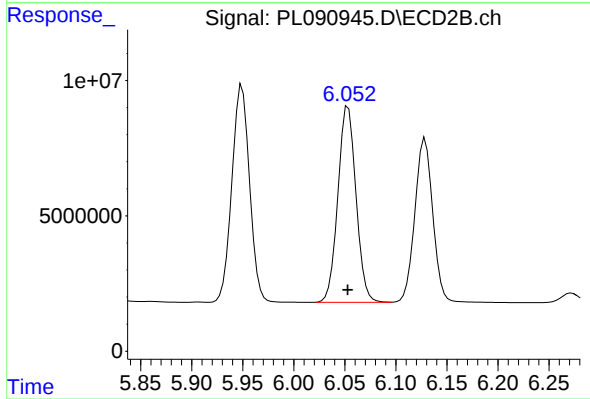
R.T.: 5.803 min  
Delta R.T.: 0.000 min  
Response: 83229076  
Conc: 53.64 ng/ml



#17 4,4'-DDT

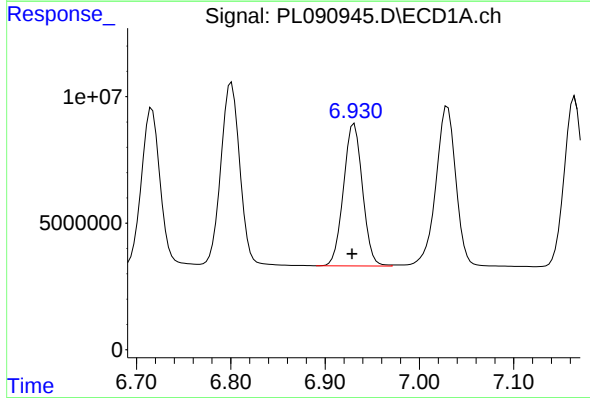
R.T.: 7.030 min  
Delta R.T.: 0.001 min  
Response: 94091042  
Conc: 52.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



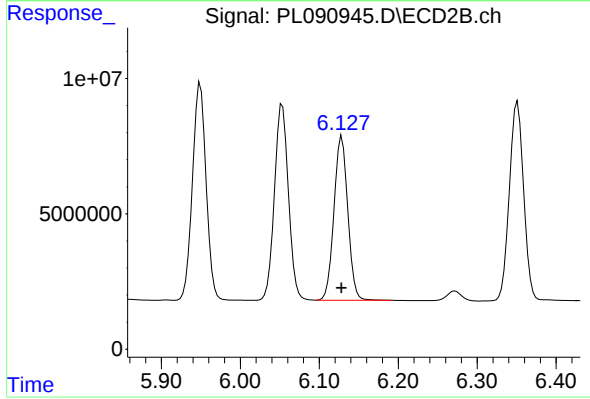
#17 4,4'-DDT

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 89502205  
Conc: 53.97 ng/ml



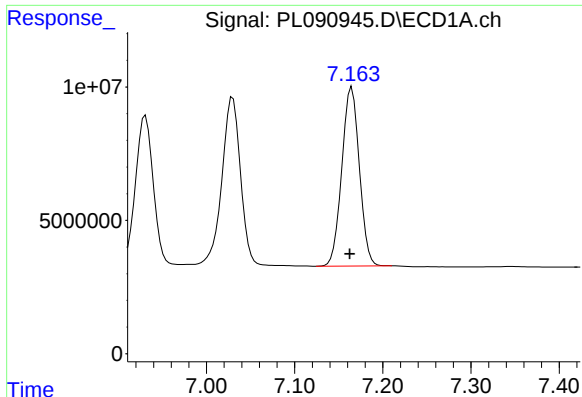
#18 Endrin aldehyde

R.T.: 6.931 min  
Delta R.T.: 0.002 min  
Response: 78746394  
Conc: 52.29 ng/ml



#18 Endrin aldehyde

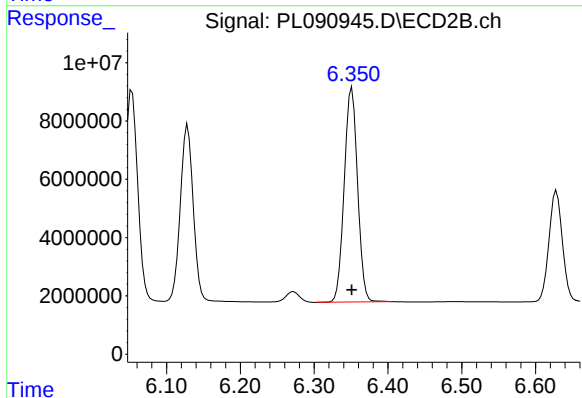
R.T.: 6.129 min  
Delta R.T.: 0.000 min  
Response: 73784142  
Conc: 52.11 ng/ml



#19 Endosulfan Sulfate

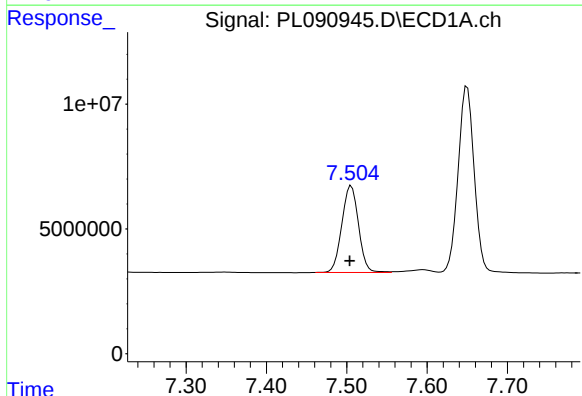
R.T.: 7.165 min  
Delta R.T.: 0.002 min  
Response: 92594937  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



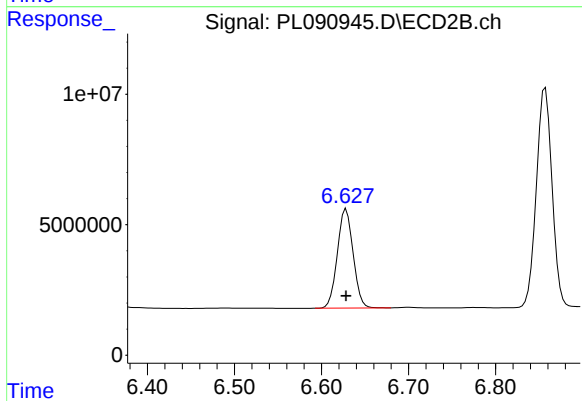
#19 Endosulfan Sulfate

R.T.: 6.351 min  
Delta R.T.: 0.000 min  
Response: 92291831  
Conc: 52.87 ng/ml



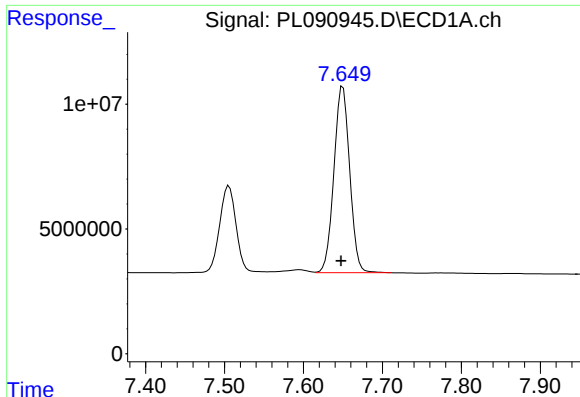
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: 0.002 min  
Response: 50208589  
Conc: 52.62 ng/ml



#20 Methoxychlor

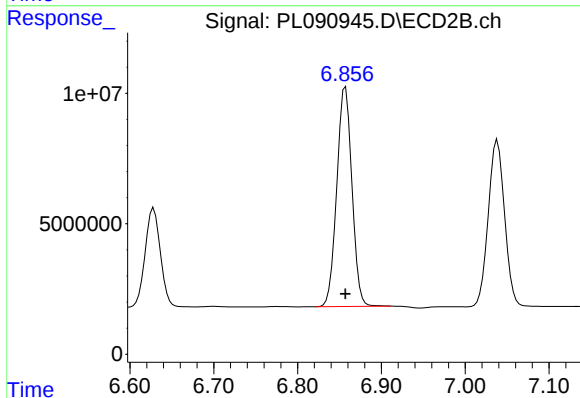
R.T.: 6.628 min  
Delta R.T.: 0.000 min  
Response: 47973399  
Conc: 51.97 ng/ml



#21 Endrin ketone

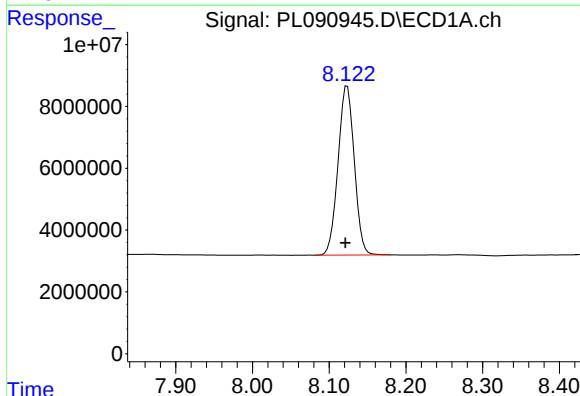
R.T.: 7.650 min  
Delta R.T.: 0.002 min  
Response: 103660425  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



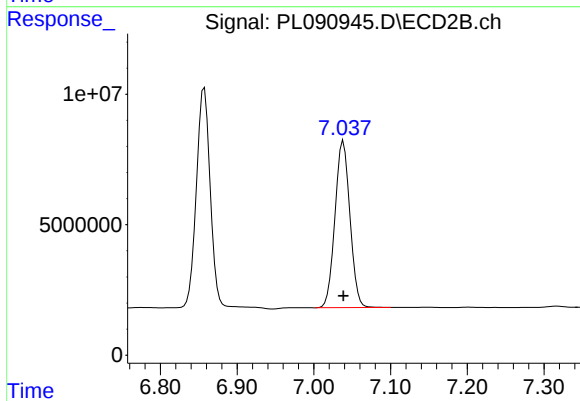
#21 Endrin ketone

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 105652363  
Conc: 53.31 ng/ml



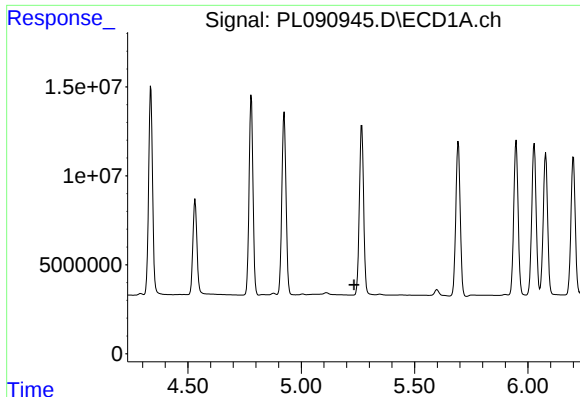
#22 Mirex

R.T.: 8.123 min  
Delta R.T.: 0.002 min  
Response: 80674296  
Conc: 51.90 ng/ml



#22 Mirex

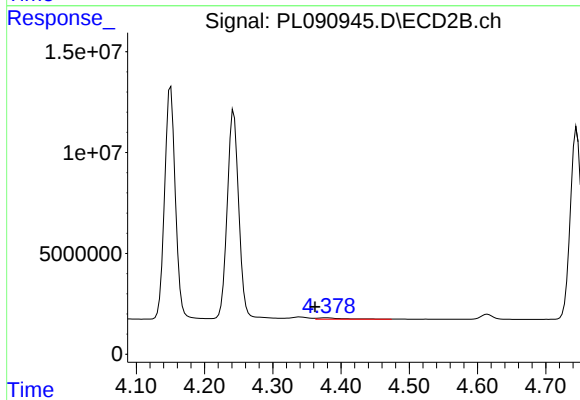
R.T.: 7.038 min  
Delta R.T.: 0.000 min  
Response: 86576251  
Conc: 51.55 ng/ml



#24 Chlordane-2

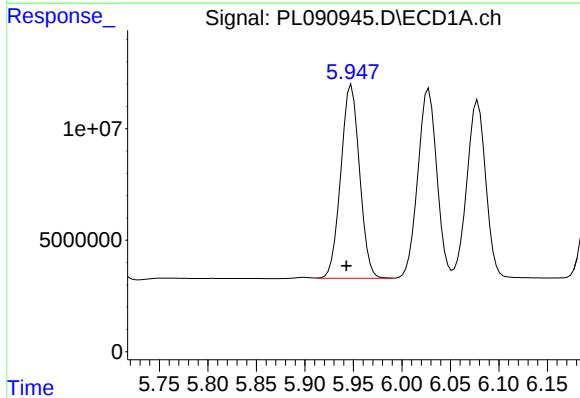
R.T.: 0.000 min  
Exp R.T.: 5.233 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



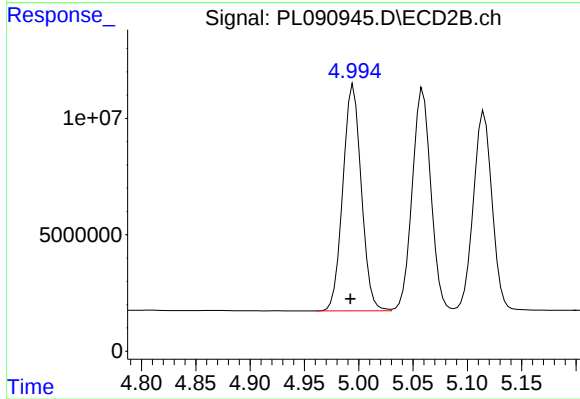
#24 Chlordane-2

R.T.: 4.380 min  
Delta R.T.: 0.018 min  
Response: 1877118  
Conc: 22.57 ng/ml



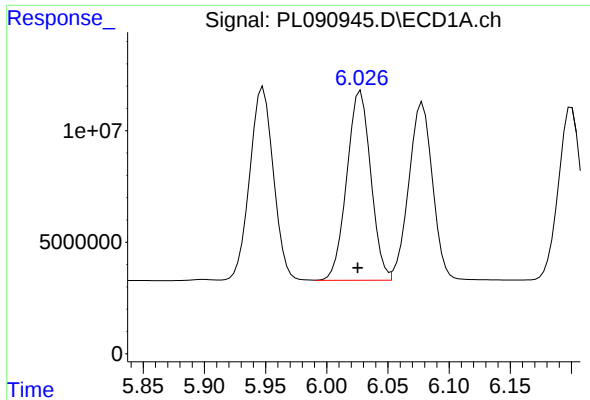
#25 Chlordane-3

R.T.: 5.948 min  
Delta R.T.: 0.005 min  
Response: 116760117  
Conc: 355.05 ng/ml



#25 Chlordane-3

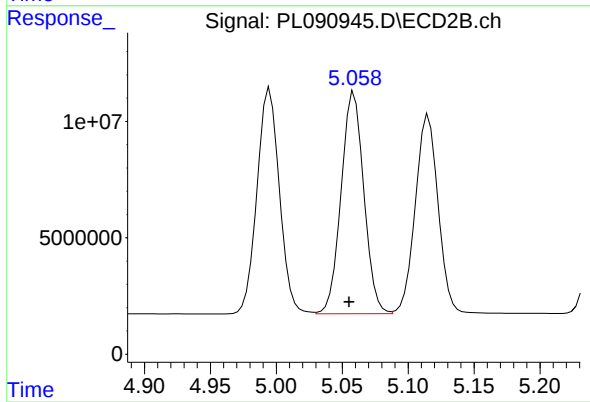
R.T.: 4.995 min  
Delta R.T.: 0.003 min  
Response: 114789519  
Conc: 512.61 ng/ml



#26 Chlordane-4

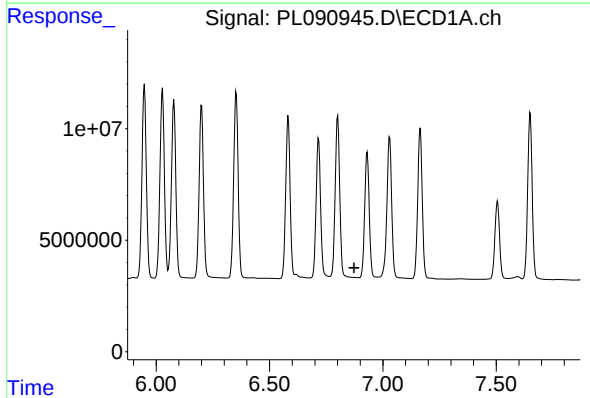
R.T.: 6.028 min  
Delta R.T.: 0.002 min  
Response: 115858771  
Conc: 289.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



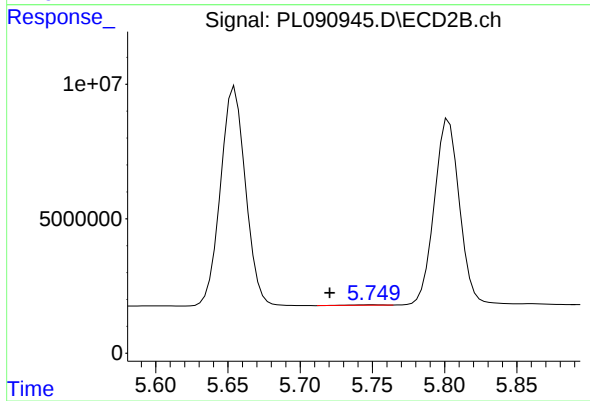
#26 Chlordane-4

R.T.: 5.059 min  
Delta R.T.: 0.004 min  
Response: 114284407  
Conc: 534.14 ng/ml



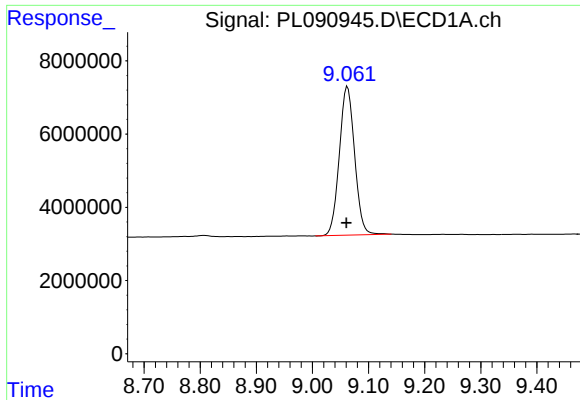
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.873 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

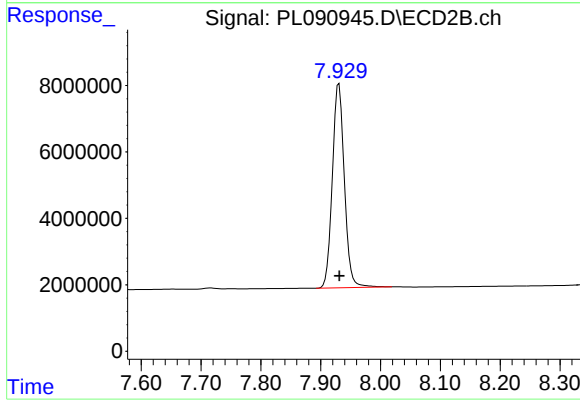
R.T.: 5.750 min  
Delta R.T.: 0.030 min  
Response: 214812  
Conc: 3.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.002 min  
Response: 76771832  
Conc: 53.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.930 min  
Delta R.T.: 0.000 min  
Response: 85838589  
Conc: 51.43 ng/ml