

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061524\  
 Data File : PL090158.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2024 15:49  
 Operator : AR\AJ  
 Sample : P2812-01MSD 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 14 01:46:48 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 14:57:01 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  | 2.793  | 5698971  | 3202425  | 2.722   | 2.233    |
| 2)                          | SA Decachlor... | 9.061  | 7.940  | 4598437  | 1912292  | 3.127   | 1.287 #  |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.004  | 3.297  | 17159705 | 9972942  | 5.755   | 4.665    |
| 3)                          | MA gamma-BHC... | 4.337  | 3.628  | 16553484 | 10196905 | 5.696   | 4.875    |
| 4)                          | MA Heptachlor   | 4.926  | 3.969  | 18473855 | 10040782 | 7.077   | 5.031 #  |
| 5)                          | MB Aldrin       | 5.268  | 4.249  | 15243497 | 11255846 | 5.736   | 5.633    |
| 6)                          | B beta-BHC      | 4.533  | 3.926  | 7967018  | 5656813  | 6.100   | 6.184    |
| 7)                          | B delta-BHC     | 4.779  | 4.156  | 15958876 | 10411638 | 5.793   | 5.166    |
| 8)                          | B Heptachlo...  | 5.694  | 4.752  | 19062766 | 9665679  | 7.653   | 5.267 #  |
| 9)                          | A Endosulfan I  | 6.079  | 5.123  | 13327986 | 8891881  | 5.901   | 5.205    |
| 10)                         | B gamma-Chl...  | 5.950  | 5.003  | 14049812 | 10134357 | 5.810   | 5.437    |
| 11)                         | B alpha-Chl...  | 6.029  | 5.066  | 14130254 | 9907342  | 5.883   | 5.280    |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.256  | 11224429 | 8170998  | 5.160   | 4.891    |
| 13)                         | MA Dieldrin     | 6.354  | 5.388  | 13032599 | 9795964  | 5.497   | 5.316    |
| 14)                         | MA Endrin       | 6.584  | 5.663  | 11188548 | 8054560  | 5.565   | 4.917    |
| 15)                         | B Endosulfa...  | 6.802  | 5.957  | 10445661 | 8111469  | 5.011   | 5.037    |
| 16)                         | A 4,4'-DDD      | 6.717  | 5.810  | 10100219 | 7198650  | 5.766   | 5.107    |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.061  | 8497286  | 5386294  | 4.615   | 3.547    |
| 18)                         | B Endrin al...  | 6.932  | 6.136  | 7621063  | 4299989  | 4.917   | 3.543 #  |
| 19)                         | B Endosulfa...  | 7.166  | 6.359  | 10690906 | 7895424  | 5.586   | 5.020    |
| 20)                         | A Methoxychlor  | 7.506  | 6.636  | 3427190  | 3319370  | 3.489   | 3.731    |
| 21)                         | B Endrin ke...  | 7.651  | 6.865  | 9744435  | 7370354  | 4.628   | 4.044    |
| 22)                         | Mirex           | 8.127  | 7.048  | 5521083  | 6831648  | 3.319   | 4.448 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.801  | 0        | 312680   | N.D.    | 4.768 #  |
| 24)                         | Chlordane-2     | 5.268f | 4.385  | 15243497 | 120135   | 126.930 | 1.506 #  |
| 25)                         | Chlordane-3     | 5.950  | 5.003  | 14049812 | 10134357 | 35.111  | 45.529 # |
| 26)                         | Chlordane-4     | 6.029  | 5.066  | 14130254 | 9907342  | 28.903  | 46.857 # |
| 27)                         | Chlordane-5     | 0.000  | 5.754f | 0        | 437137   | N.D.    | 6.439 #  |
| -----                       |                 |        |        |          |          |         |          |

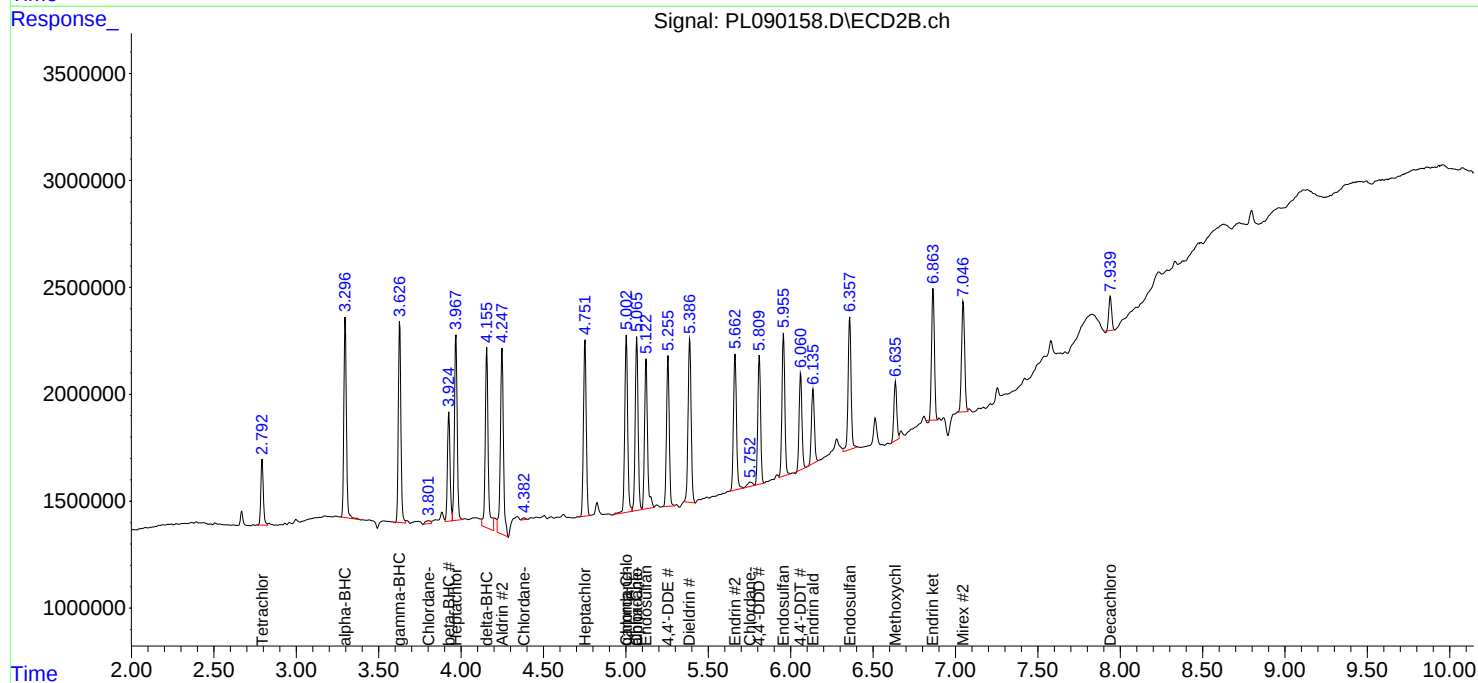
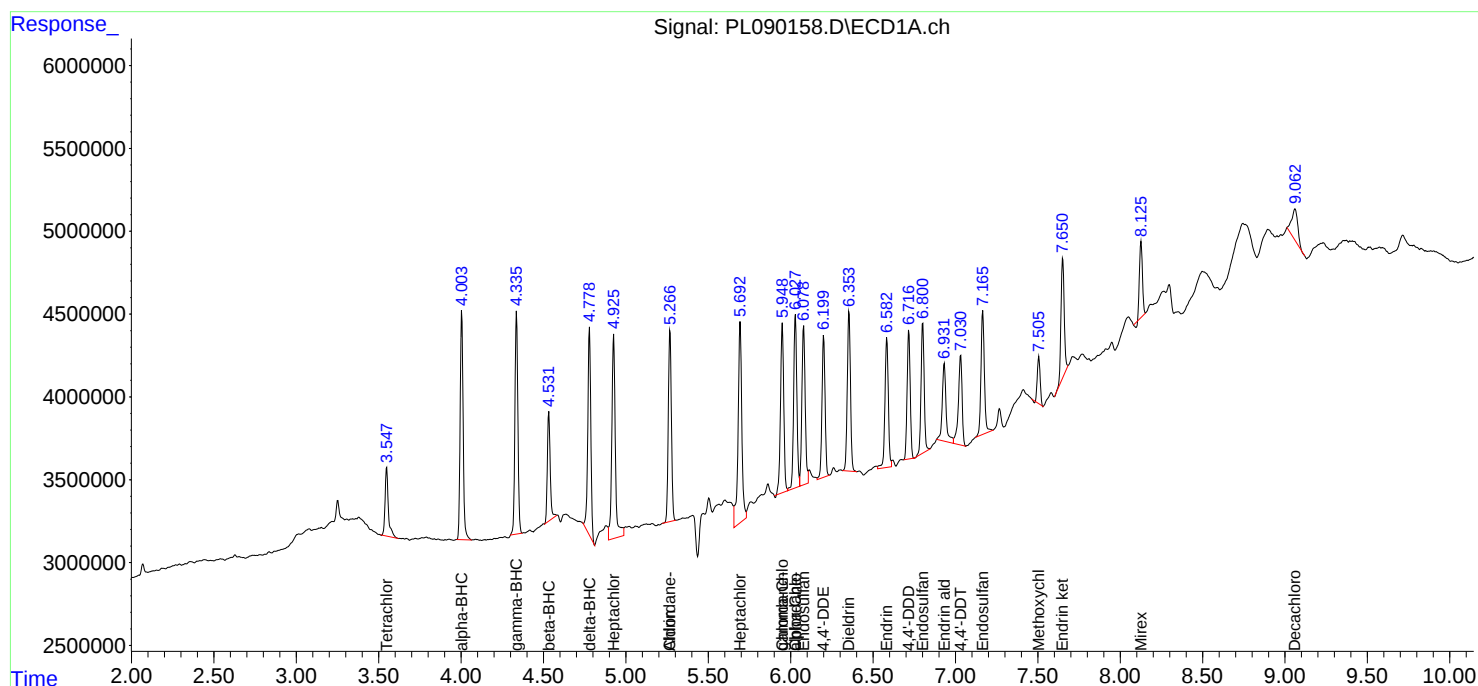
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

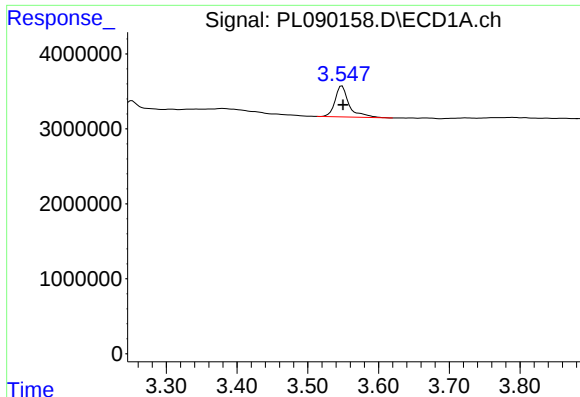
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061524\  
Data File : PL090158.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2024 15:49  
Operator : AR\AJ  
Sample : P2812-01MSD 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 14 01:46:48 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 14:57:01 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

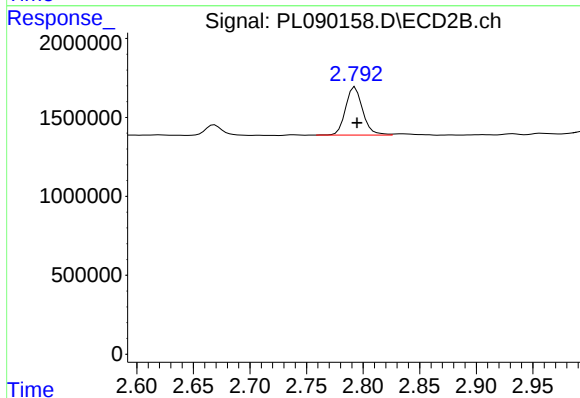




#1 Tetrachloro-m-xylene

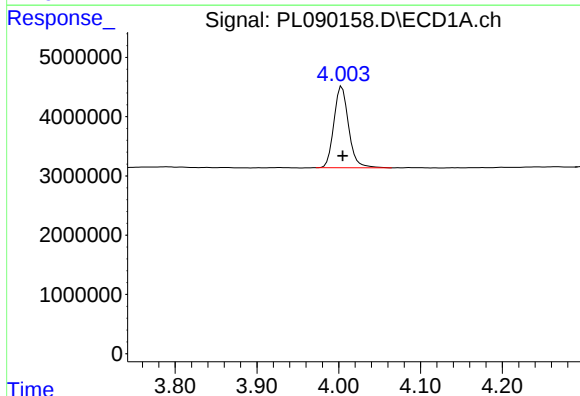
R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 5698971  
Conc: 2.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



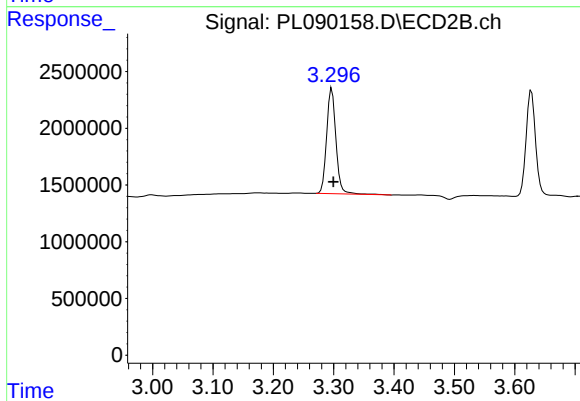
#1 Tetrachloro-m-xylene

R.T.: 2.793 min  
Delta R.T.: -0.002 min  
Response: 3202425  
Conc: 2.23 ng/ml



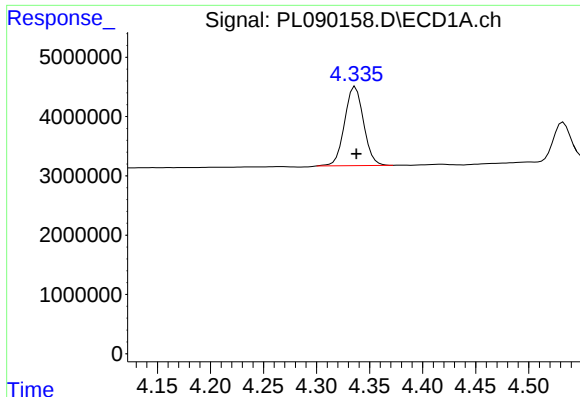
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: -0.001 min  
Response: 17159705  
Conc: 5.76 ng/ml



#2 alpha-BHC

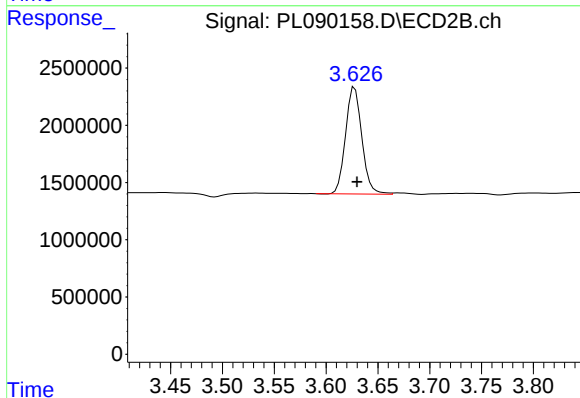
R.T.: 3.297 min  
Delta R.T.: -0.002 min  
Response: 9972942  
Conc: 4.67 ng/ml



#3 gamma-BHC (Lindane)

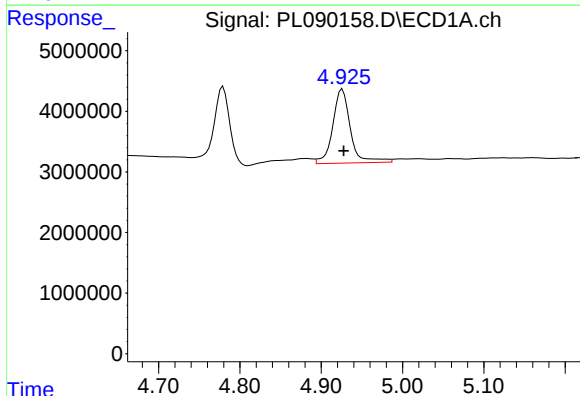
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 16553484  
Conc: 5.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



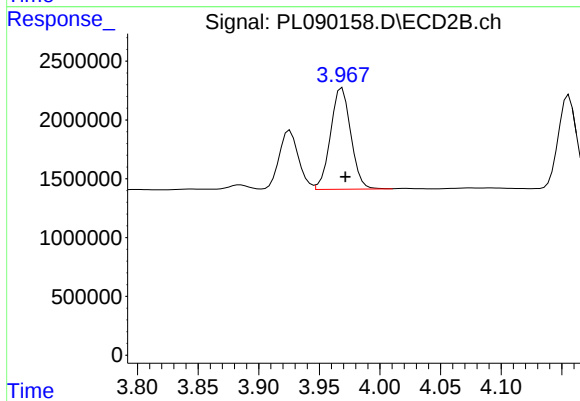
#3 gamma-BHC (Lindane)

R.T.: 3.628 min  
Delta R.T.: -0.002 min  
Response: 10196905  
Conc: 4.88 ng/ml



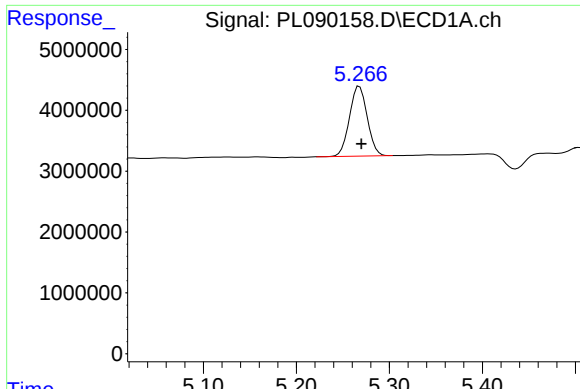
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: -0.002 min  
Response: 18473855  
Conc: 7.08 ng/ml



#4 Heptachlor

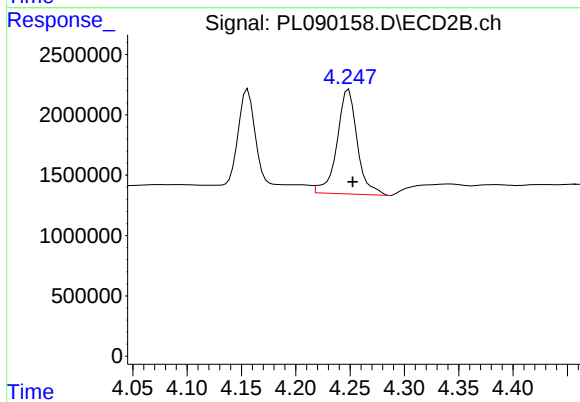
R.T.: 3.969 min  
Delta R.T.: -0.003 min  
Response: 10040782  
Conc: 5.03 ng/ml



#5 Aldrin

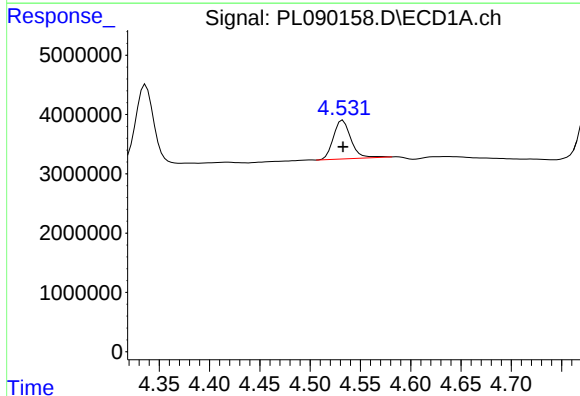
R.T.: 5.268 min  
Delta R.T.: -0.002 min  
Response: 15243497  
Conc: 5.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



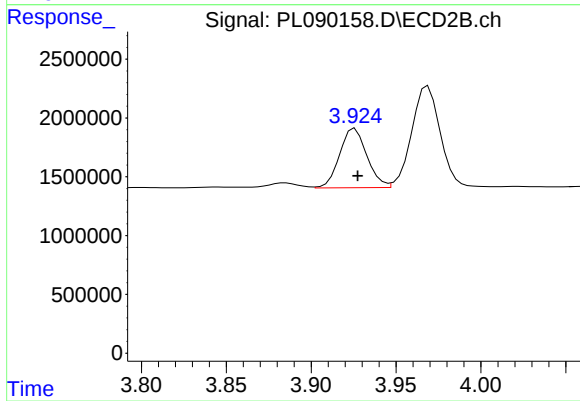
#5 Aldrin

R.T.: 4.249 min  
Delta R.T.: -0.004 min  
Response: 11255846  
Conc: 5.63 ng/ml



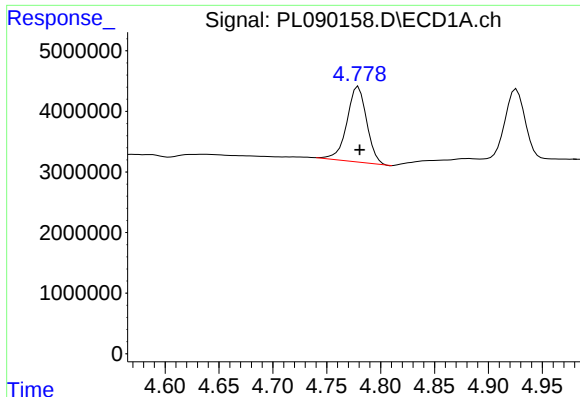
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 7967018  
Conc: 6.10 ng/ml



#6 beta-BHC

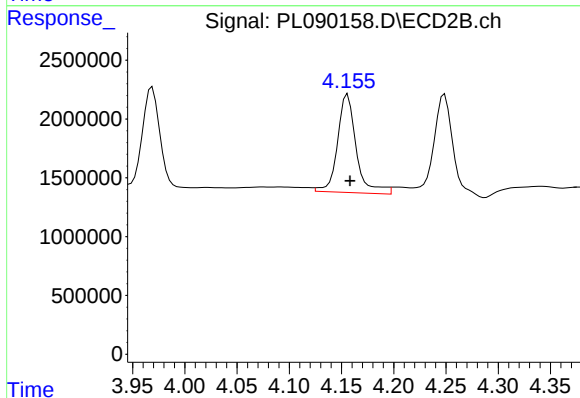
R.T.: 3.926 min  
Delta R.T.: -0.002 min  
Response: 5656813  
Conc: 6.18 ng/ml



#7 delta-BHC

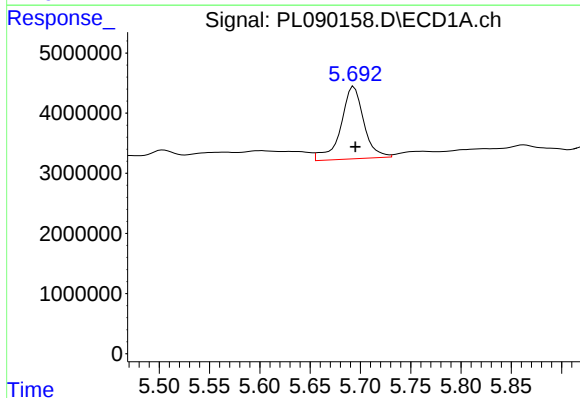
R.T.: 4.779 min  
Delta R.T.: -0.001 min  
Response: 15958876  
Conc: 5.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



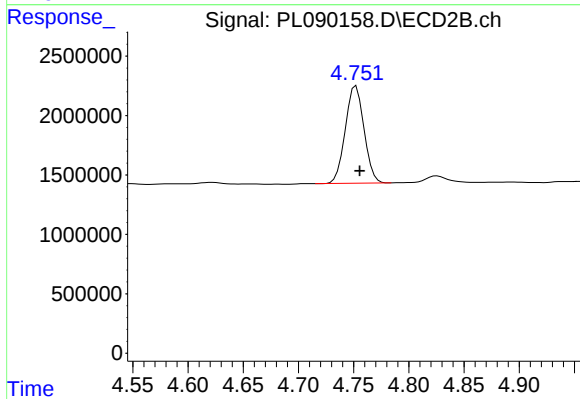
#7 delta-BHC

R.T.: 4.156 min  
Delta R.T.: -0.002 min  
Response: 10411638  
Conc: 5.17 ng/ml



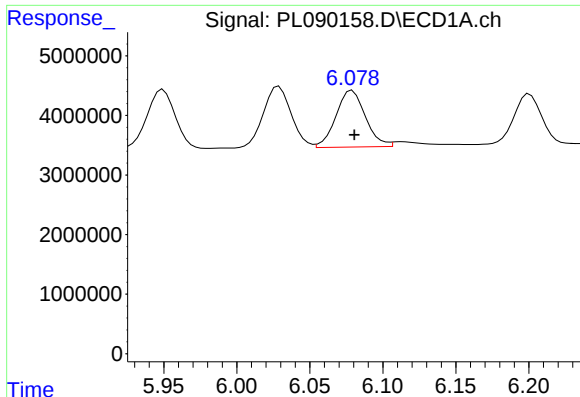
#8 Heptachlor epoxide

R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 19062766  
Conc: 7.65 ng/ml



#8 Heptachlor epoxide

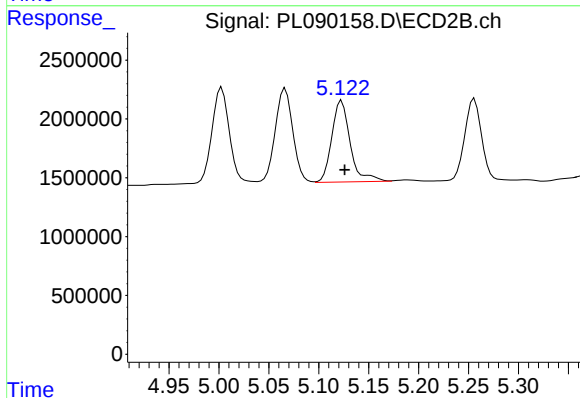
R.T.: 4.752 min  
Delta R.T.: -0.003 min  
Response: 9665679  
Conc: 5.27 ng/ml



#9 Endosulfan I

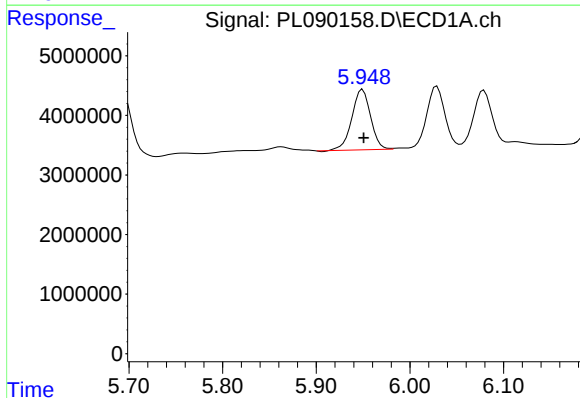
R.T.: 6.079 min  
Delta R.T.: -0.001 min  
Response: 13327986  
Conc: 5.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



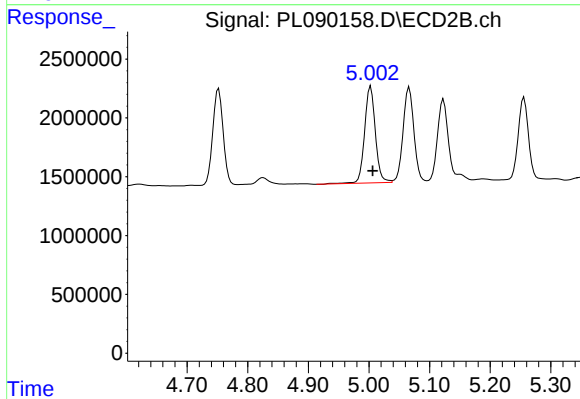
#9 Endosulfan I

R.T.: 5.123 min  
Delta R.T.: -0.003 min  
Response: 8891881  
Conc: 5.20 ng/ml



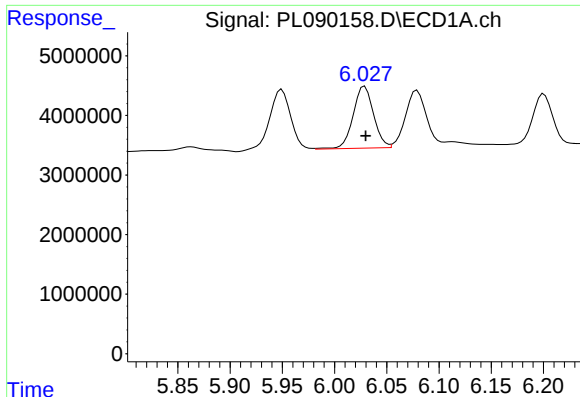
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: -0.001 min  
Response: 14049812  
Conc: 5.81 ng/ml



#10 gamma-Chlordane

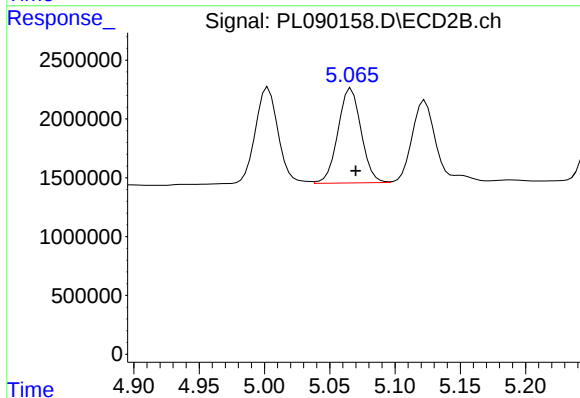
R.T.: 5.003 min  
Delta R.T.: -0.003 min  
Response: 10134357  
Conc: 5.44 ng/ml



#11 alpha-Chlordane

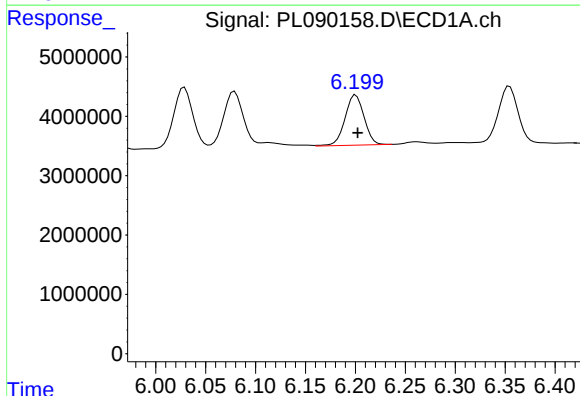
R.T.: 6.029 min  
Delta R.T.: -0.001 min  
Response: 14130254  
Conc: 5.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



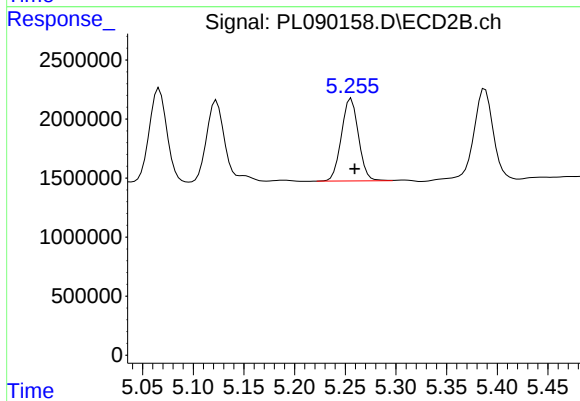
#11 alpha-Chlordane

R.T.: 5.066 min  
Delta R.T.: -0.004 min  
Response: 9907342  
Conc: 5.28 ng/ml



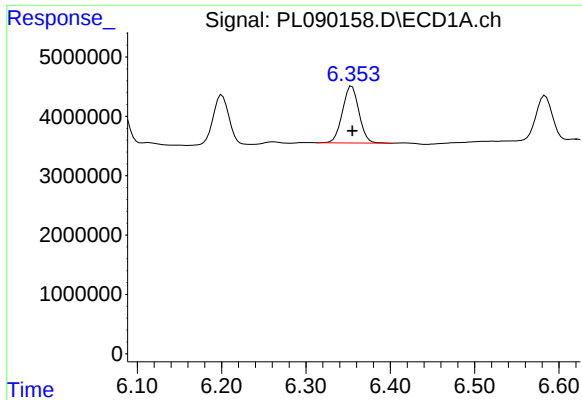
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: -0.002 min  
Response: 11224429  
Conc: 5.16 ng/ml



#12 4,4'-DDE

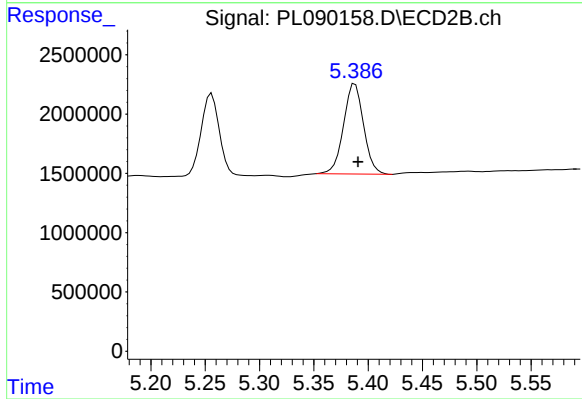
R.T.: 5.256 min  
Delta R.T.: -0.003 min  
Response: 8170998  
Conc: 4.89 ng/ml



#13 Dieldrin

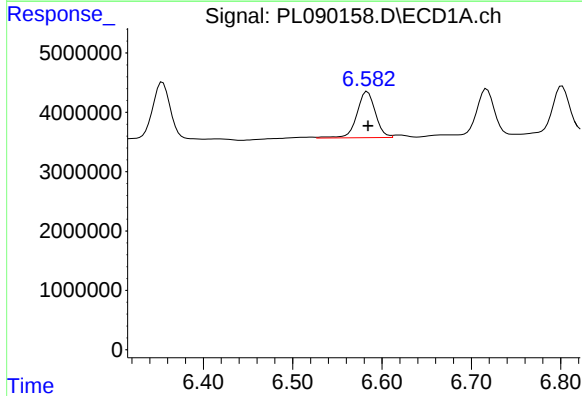
R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 13032599  
Conc: 5.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



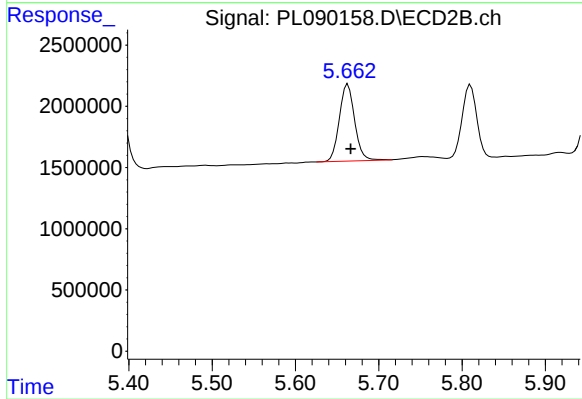
#13 Dieldrin

R.T.: 5.388 min  
Delta R.T.: -0.003 min  
Response: 9795964  
Conc: 5.32 ng/ml



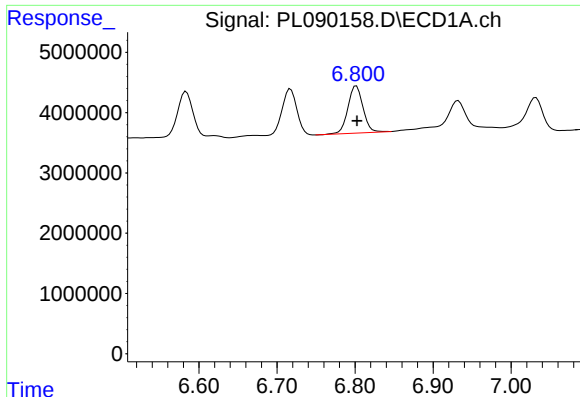
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 11188548  
Conc: 5.57 ng/ml



#14 Endrin

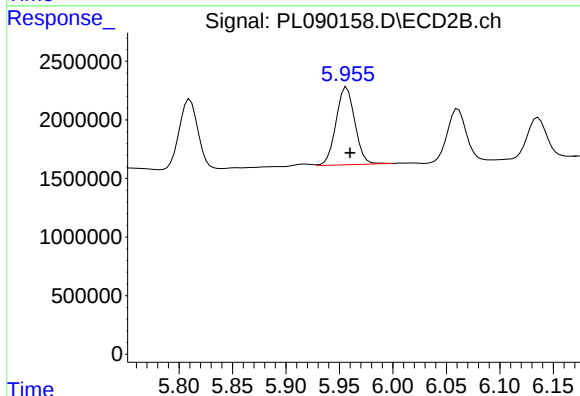
R.T.: 5.663 min  
Delta R.T.: -0.003 min  
Response: 8054560  
Conc: 4.92 ng/ml



#15 Endosulfan II

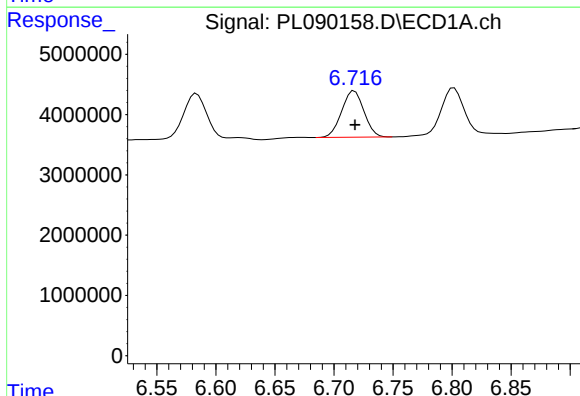
R.T.: 6.802 min  
Delta R.T.: 0.000 min  
Response: 10445661  
Conc: 5.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



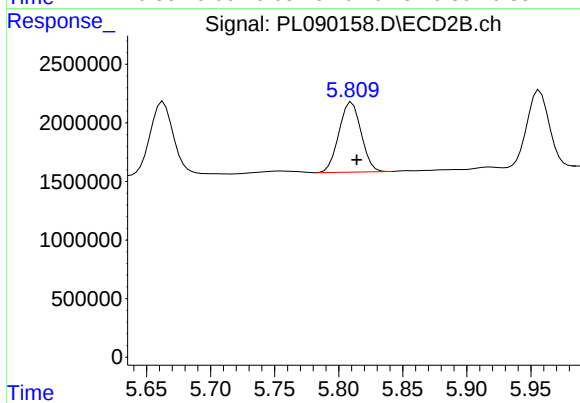
#15 Endosulfan II

R.T.: 5.957 min  
Delta R.T.: -0.003 min  
Response: 8111469  
Conc: 5.04 ng/ml



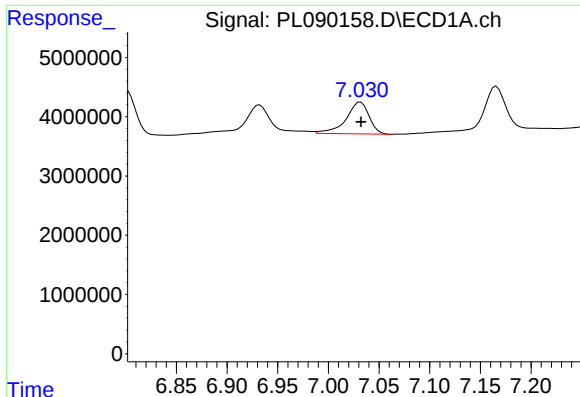
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: 0.000 min  
Response: 10100219  
Conc: 5.77 ng/ml



#16 4,4'-DDD

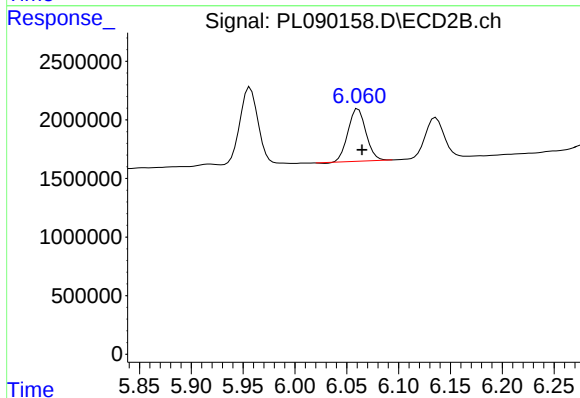
R.T.: 5.810 min  
Delta R.T.: -0.004 min  
Response: 7198650  
Conc: 5.11 ng/ml



#17 4,4'-DDT

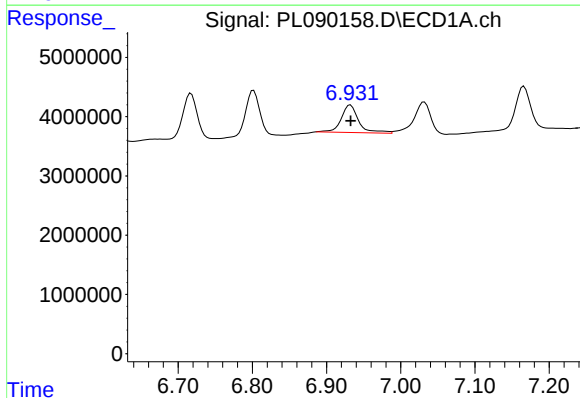
R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 8497286  
Conc: 4.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



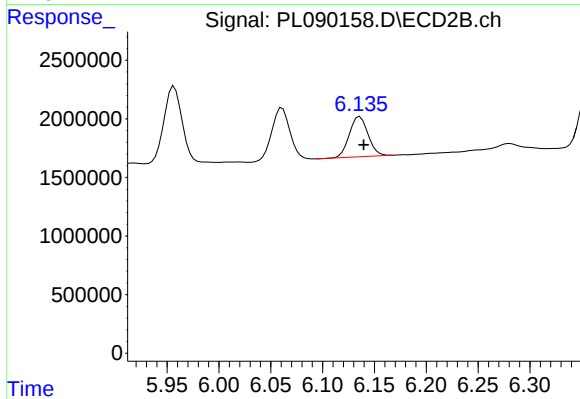
#17 4,4'-DDT

R.T.: 6.061 min  
Delta R.T.: -0.004 min  
Response: 5386294  
Conc: 3.55 ng/ml



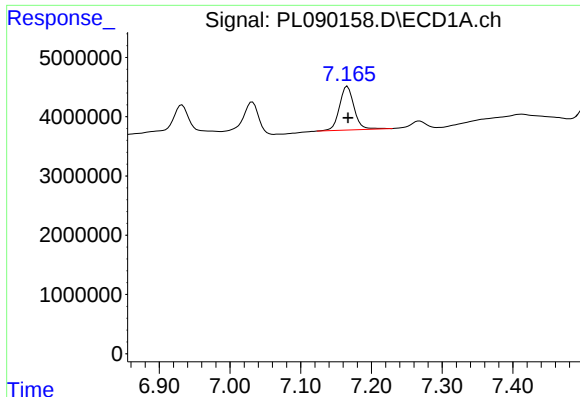
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: 0.000 min  
Response: 7621063  
Conc: 4.92 ng/ml



#18 Endrin aldehyde

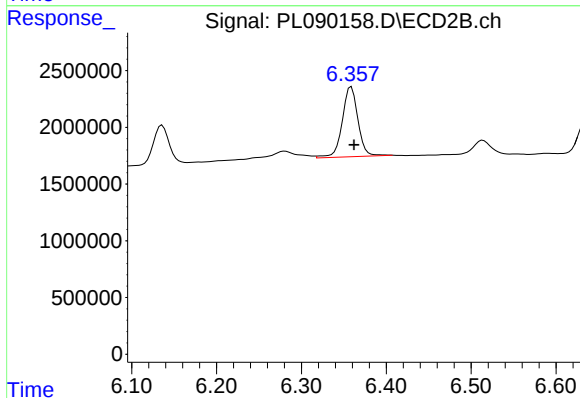
R.T.: 6.136 min  
Delta R.T.: -0.004 min  
Response: 4299989  
Conc: 3.54 ng/ml



#19 Endosulfan Sulfate

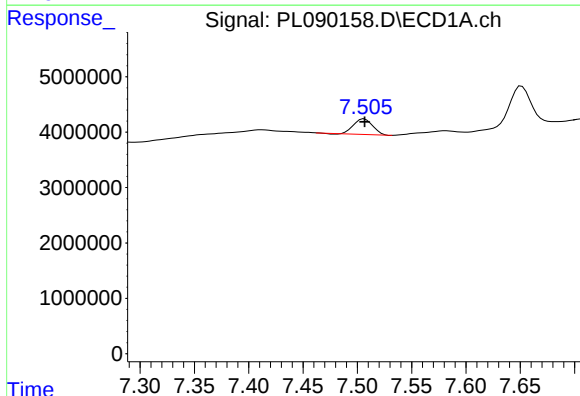
R.T.: 7.166 min  
Delta R.T.: 0.000 min  
Response: 10690906  
Conc: 5.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



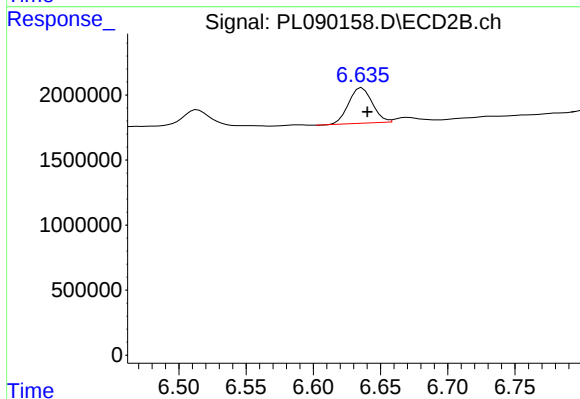
#19 Endosulfan Sulfate

R.T.: 6.359 min  
Delta R.T.: -0.003 min  
Response: 7895424  
Conc: 5.02 ng/ml



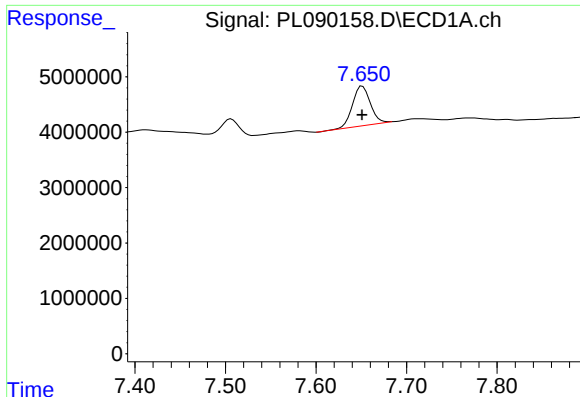
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: 0.000 min  
Response: 3427190  
Conc: 3.49 ng/ml



#20 Methoxychlor

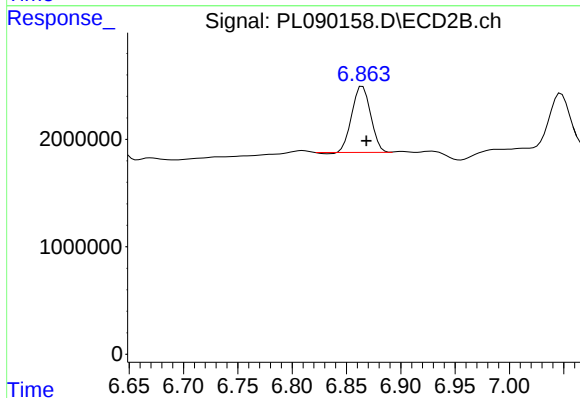
R.T.: 6.636 min  
Delta R.T.: -0.004 min  
Response: 3319370  
Conc: 3.73 ng/ml



#21 Endrin ketone

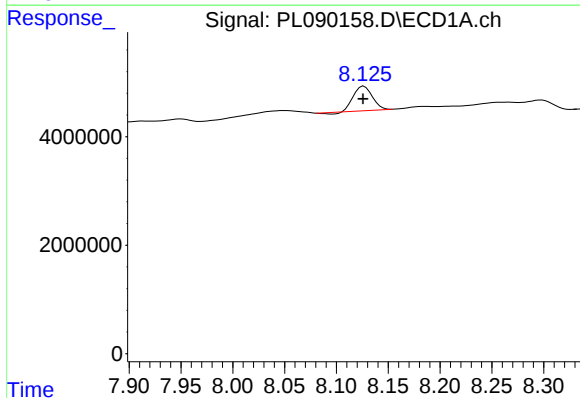
R.T.: 7.651 min  
Delta R.T.: 0.000 min  
Response: 9744435  
Conc: 4.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



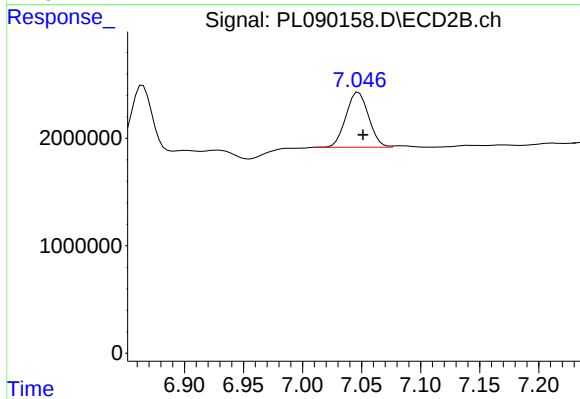
#21 Endrin ketone

R.T.: 6.865 min  
Delta R.T.: -0.003 min  
Response: 7370354  
Conc: 4.04 ng/ml



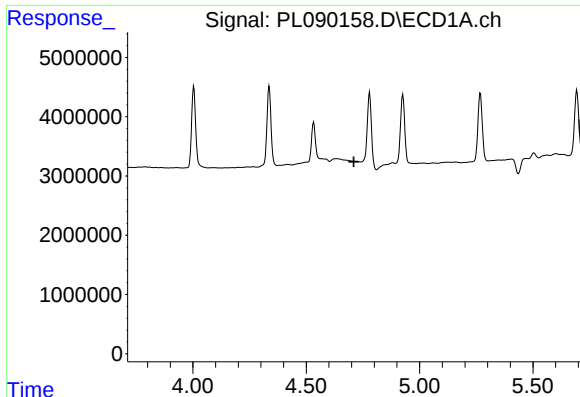
#22 Mirex

R.T.: 8.127 min  
Delta R.T.: 0.000 min  
Response: 5521083  
Conc: 3.32 ng/ml



#22 Mirex

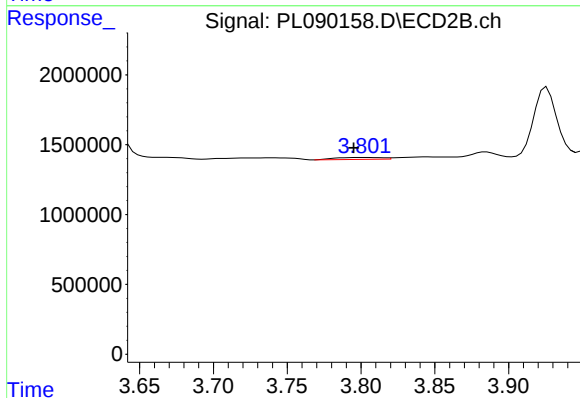
R.T.: 7.048 min  
Delta R.T.: -0.004 min  
Response: 6831648  
Conc: 4.45 ng/ml



#23 Chlordane-1

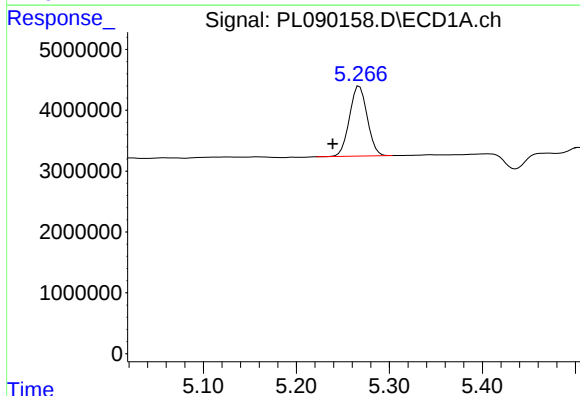
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



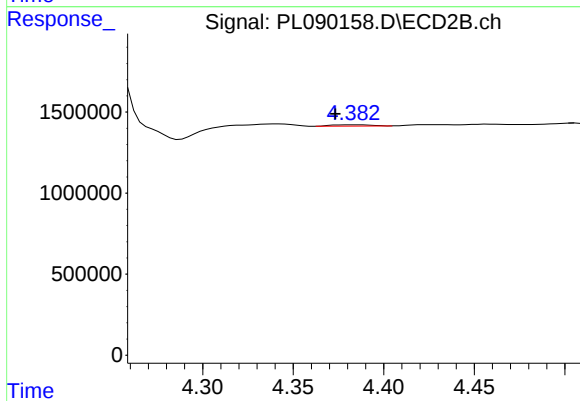
#23 Chlordane-1

R.T.: 3.801 min  
Delta R.T.: 0.006 min  
Response: 312680  
Conc: 4.77 ng/ml



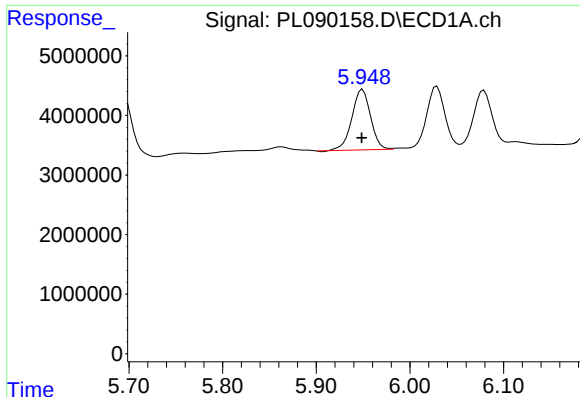
#24 Chlordane-2

R.T.: 5.268 min  
Delta R.T.: 0.029 min  
Response: 15243497  
Conc: 126.93 ng/ml



#24 Chlordane-2

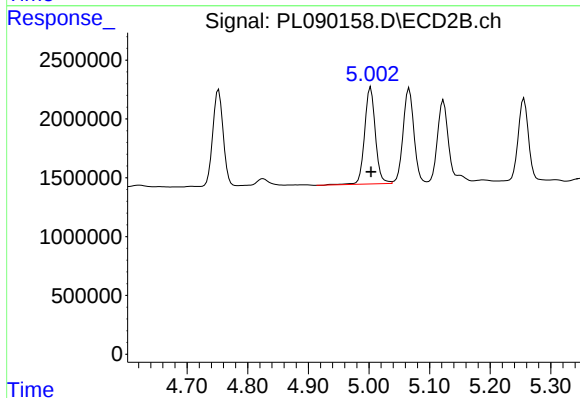
R.T.: 4.385 min  
Delta R.T.: 0.011 min  
Response: 120135  
Conc: 1.51 ng/ml



#25 Chlordane-3

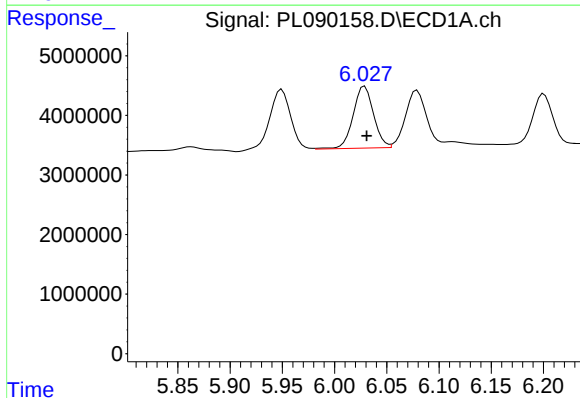
R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 14049812  
Conc: 35.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



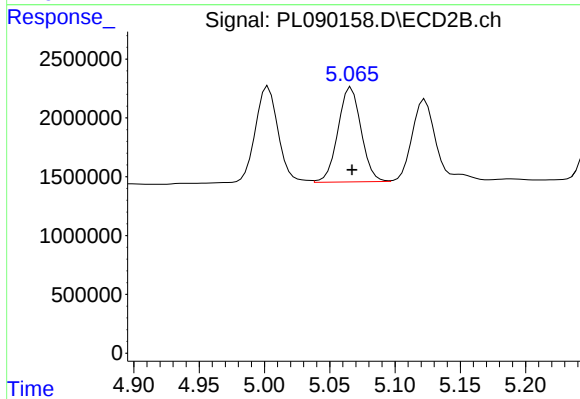
#25 Chlordane-3

R.T.: 5.003 min  
Delta R.T.: 0.000 min  
Response: 10134357  
Conc: 45.53 ng/ml



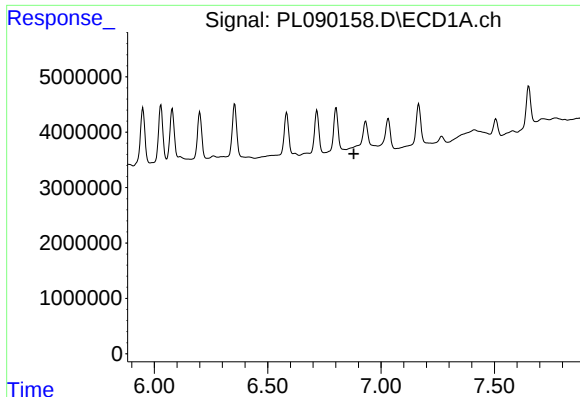
#26 Chlordane-4

R.T.: 6.029 min  
Delta R.T.: -0.002 min  
Response: 14130254  
Conc: 28.90 ng/ml



#26 Chlordane-4

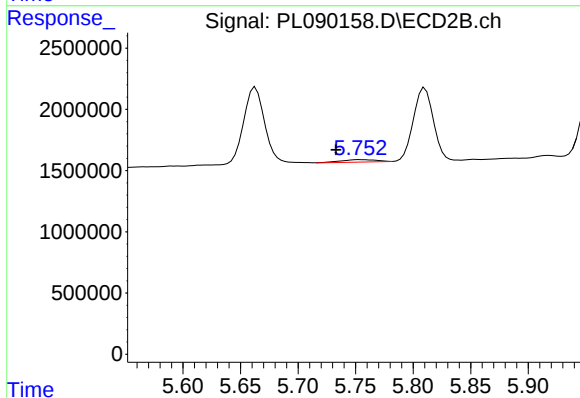
R.T.: 5.066 min  
Delta R.T.: 0.000 min  
Response: 9907342  
Conc: 46.86 ng/ml



#27 Chlordane-5

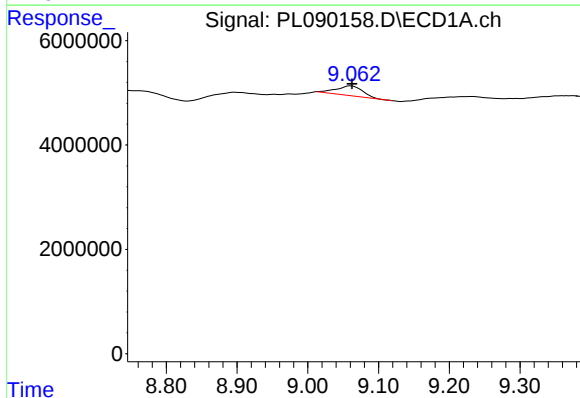
R.T.: 0.000 min  
Exp R.T.: 6.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



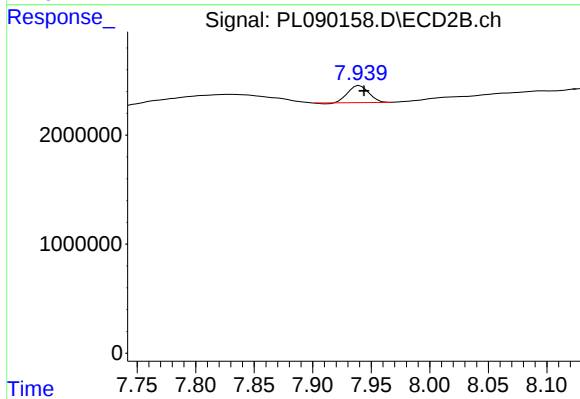
#27 Chlordane-5

R.T.: 5.754 min  
Delta R.T.: 0.021 min  
Response: 437137  
Conc: 6.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: -0.002 min  
Response: 4598437  
Conc: 3.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.940 min  
Delta R.T.: -0.004 min  
Response: 1912292  
Conc: 1.29 ng/ml