

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071524\  
 Data File : PL090537.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2024 15:36  
 Operator : AR\AJ  
 Sample : P3228-01MSD 10X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 01:16:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 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... | 3.546  | 2.789 | 4572717  | 3526337  | 2.196   | 2.095    |
| 28)                         | SA Decachlor... | 9.059  | 7.931 | 2556974  | 2677139  | 1.924   | 1.836    |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.001  | 3.292 | 15404193 | 11605723 | 5.191   | 4.803    |
| 3)                          | MA gamma-BHC... | 4.333  | 3.623 | 13801658 | 12188930 | 4.928   | 5.286    |
| 4)                          | MA Heptachlor   | 4.922  | 3.963 | 14732806 | 11024215 | 5.789   | 4.997    |
| 5)                          | MB Aldrin       | 5.264  | 4.243 | 15050531 | 11528677 | 6.024   | 5.419    |
| 6)                          | B beta-BHC      | 4.530  | 3.921 | 6057527  | 6039790  | 4.775   | 5.851    |
| 7)                          | B delta-BHC     | 4.776  | 4.151 | 18521492 | 10437039 | 6.908   | 4.745 #  |
| 8)                          | B Heptachlo...  | 5.689  | 4.746 | 16504693 | 9682666  | 7.022   | 4.965 #  |
| 9)                          | A Endosulfan I  | 6.075  | 5.116 | 11634331 | 8781876  | 5.440   | 4.802    |
| 10)                         | B gamma-Chl...  | 5.945  | 4.996 | 23445382 | 19213546 | 10.084  | 9.477    |
| 11)                         | B alpha-Chl...  | 6.025  | 5.060 | 21308957 | 15272741 | 9.282   | 7.558    |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.249 | 19495815 | 17296779 | 9.642   | 9.679    |
| 13)                         | MA Dieldrin     | 6.349  | 5.380 | 10314519 | 8667558  | 4.642   | 4.420    |
| 14)                         | MA Endrin       | 6.579  | 5.662 | 9109847  | 20767694 | 4.955   | 12.066 # |
| 15)                         | B Endosulfa...  | 6.798  | 5.950 | 11265678 | 7465980  | 5.728   | 4.370    |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.803 | 13369562 | 9980537  | 7.919   | 6.661    |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.054 | 64677890 | 64300875 | 38.423  | 43.887   |
| 18)                         | B Endrin al...  | 6.928  | 6.129 | 6846921  | 6932999  | 4.615   | 5.306    |
| 19)                         | B Endosulfa...  | 7.161  | 6.351 | 11274956 | 8437667  | 6.420   | 5.233    |
| 20)                         | A Methoxychlor  | 7.502  | 6.629 | 4275977  | 3841955  | 4.843   | 4.752    |
| 21)                         | B Endrin ke...  | 7.646  | 6.858 | 9967720  | 7664133  | 5.221   | 4.194    |
| 22)                         | Mirex           | 8.121  | 7.039 | 7099111  | 7685803  | 5.013   | 5.170    |
| 23)                         | Chlordane-1     | 4.707  | 3.788 | 3602648  | 1539738  | 40.682  | 24.868 # |
| 24)                         | Chlordane-2     | 5.264f | 4.367 | 15050531 | 968931   | 147.045 | 12.776 # |
| 25)                         | Chlordane-3     | 5.945  | 4.996 | 23445382 | 19213546 | 70.821  | 92.963 # |
| 26)                         | Chlordane-4     | 6.025  | 5.060 | 21308957 | 15272741 | 53.499  | 78.042 # |
| 27)                         | Chlordane-5     | 6.863  | 5.730 | 384708   | 1062296  | 5.560   | 17.624 # |
| -----                       |                 |        |       |          |          |         |          |

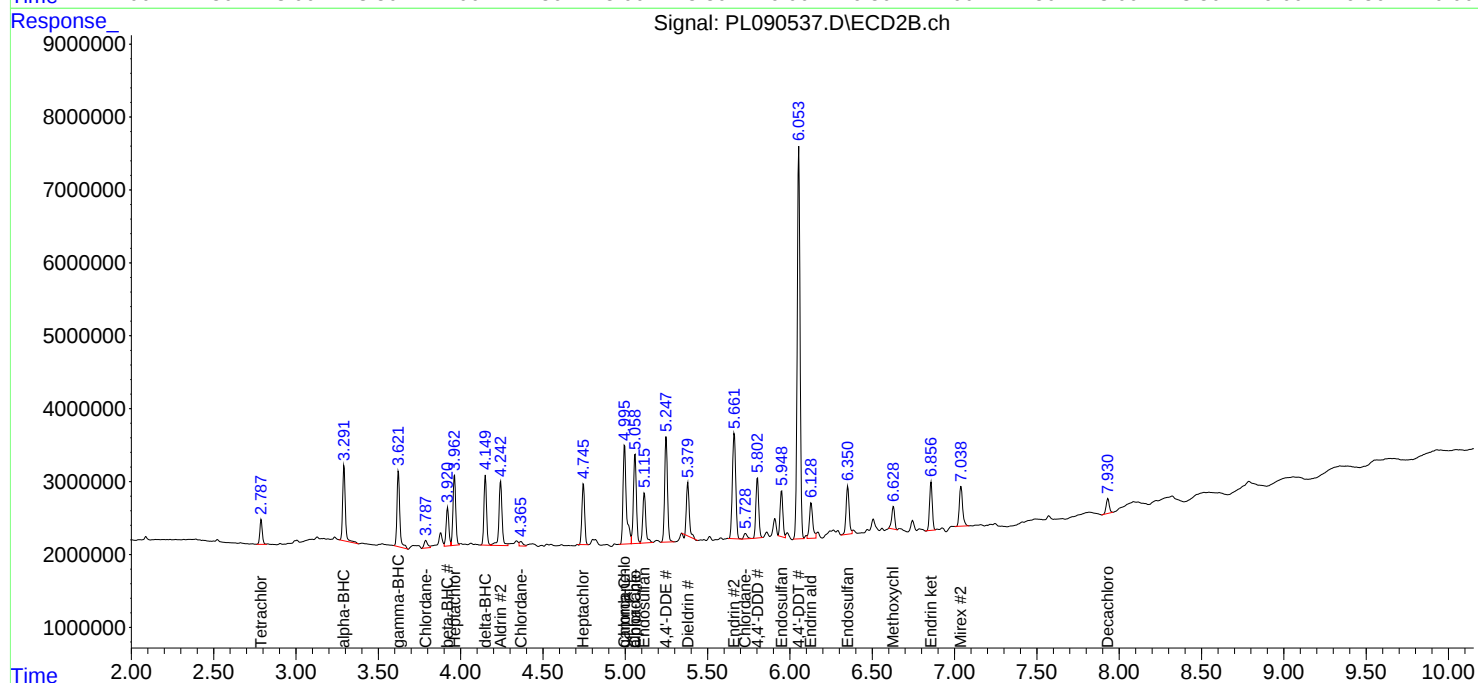
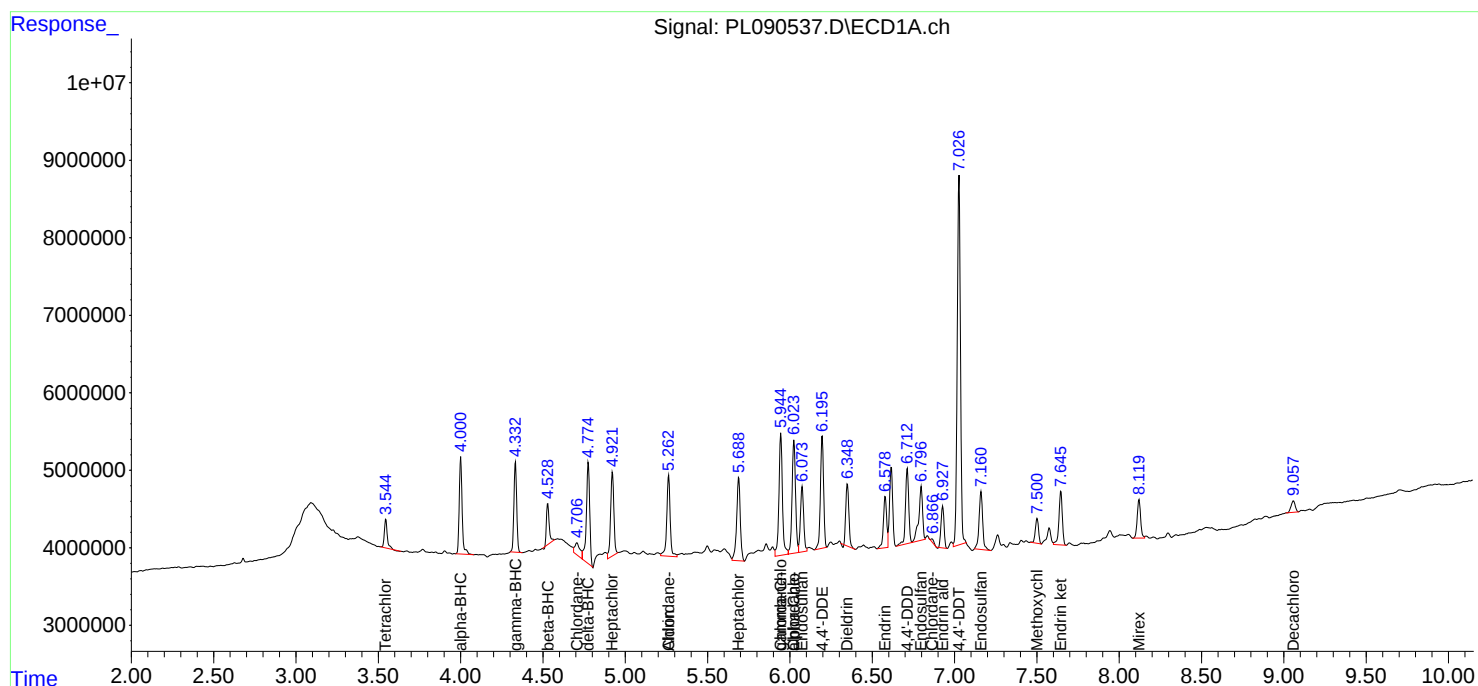
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

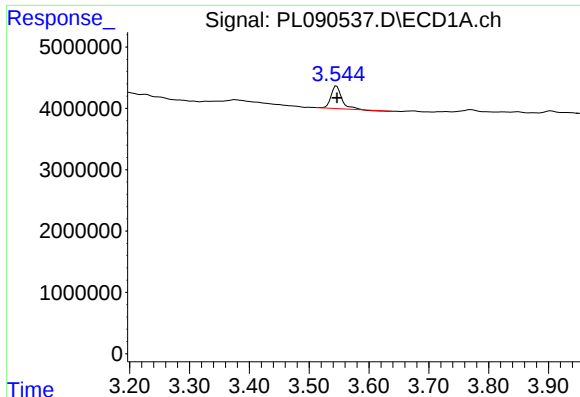
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071524\  
Data File : PL090537.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2024 15:36  
Operator : AR\AJ  
Sample : P3228-01MSD 10X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 01:16:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 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

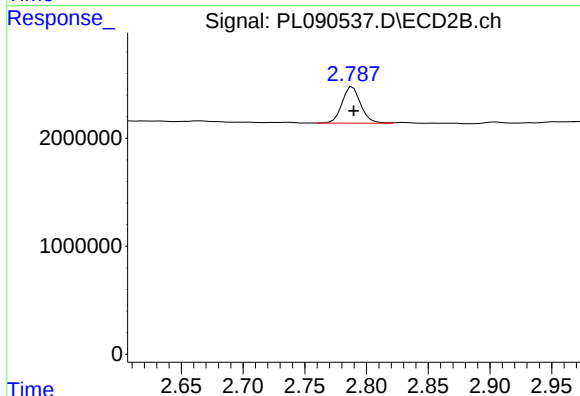




#1 Tetrachloro-m-xylene

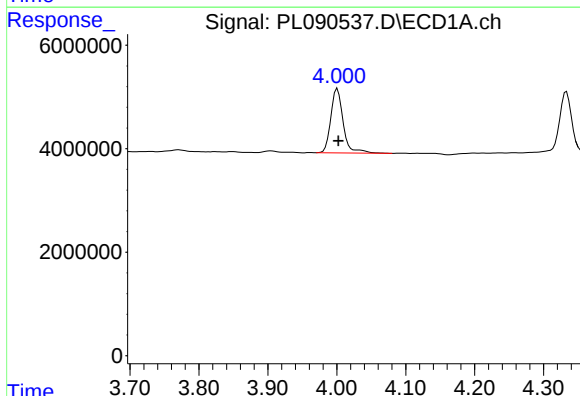
R.T.: 3.546 min  
Delta R.T.: -0.001 min  
Response: 4572717  
Conc: 2.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



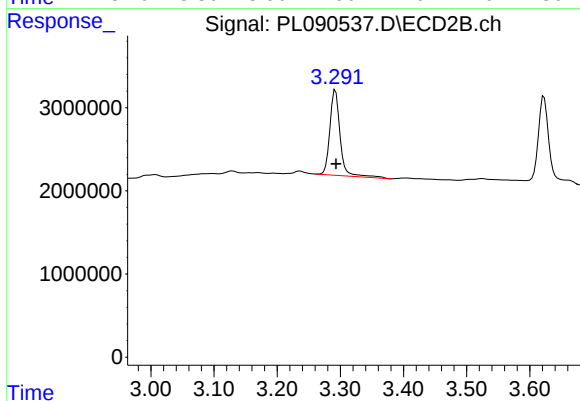
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: -0.001 min  
Response: 3526337  
Conc: 2.10 ng/ml



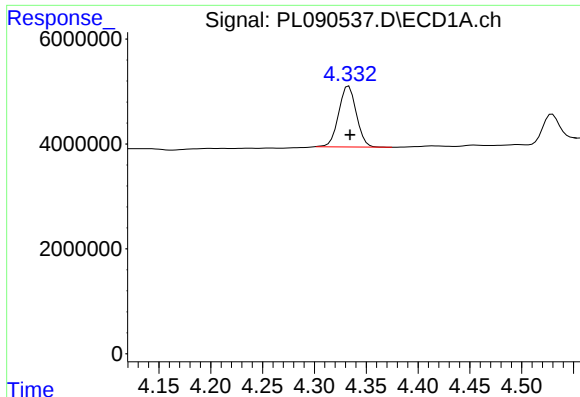
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: -0.001 min  
Response: 15404193  
Conc: 5.19 ng/ml



#2 alpha-BHC

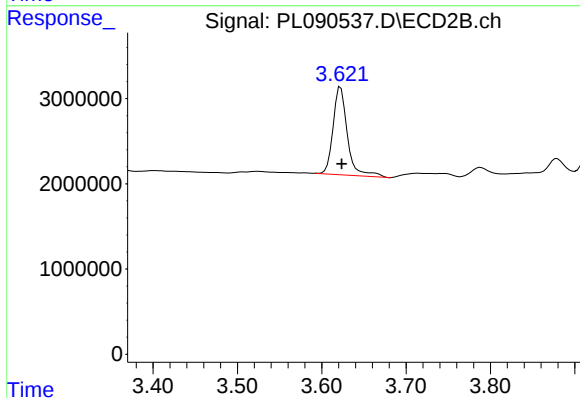
R.T.: 3.292 min  
Delta R.T.: -0.001 min  
Response: 11605723  
Conc: 4.80 ng/ml



#3 gamma-BHC (Lindane)

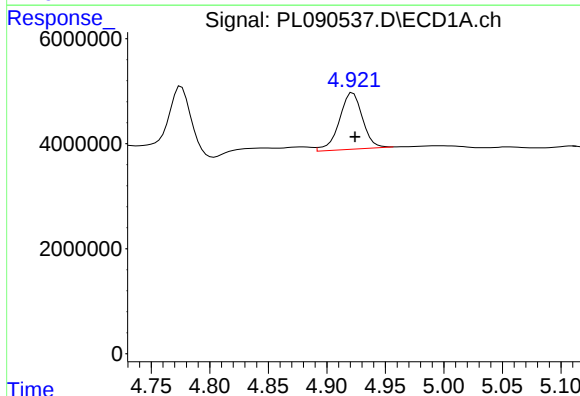
R.T.: 4.333 min  
Delta R.T.: -0.001 min  
Response: 13801658  
Conc: 4.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



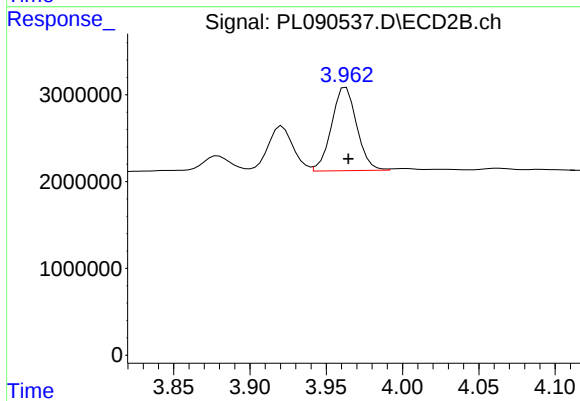
#3 gamma-BHC (Lindane)

R.T.: 3.623 min  
Delta R.T.: -0.001 min  
Response: 12188930  
Conc: 5.29 ng/ml



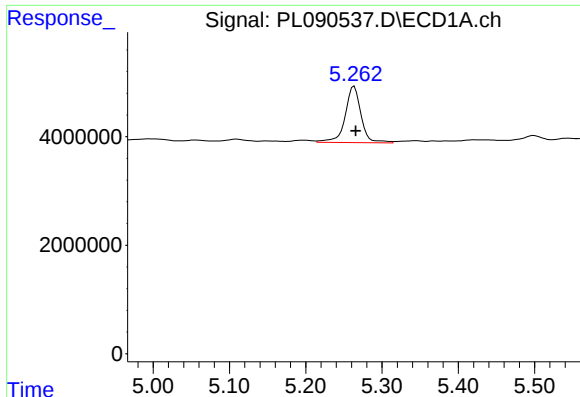
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: -0.002 min  
Response: 14732806  
Conc: 5.79 ng/ml



#4 Heptachlor

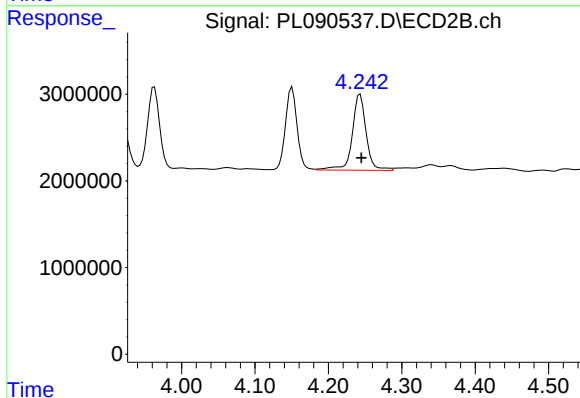
R.T.: 3.963 min  
Delta R.T.: -0.001 min  
Response: 11024215  
Conc: 5.00 ng/ml



#5 Aldrin

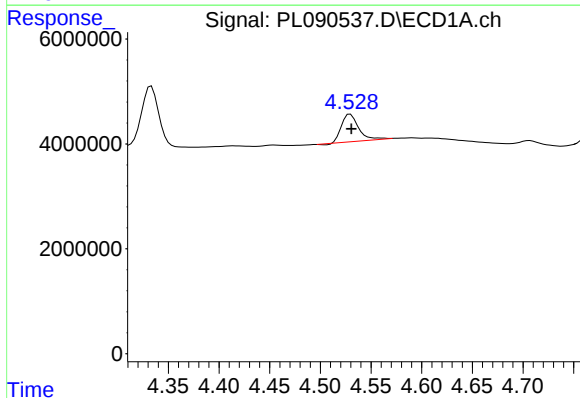
R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 15050531  
Conc: 6.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



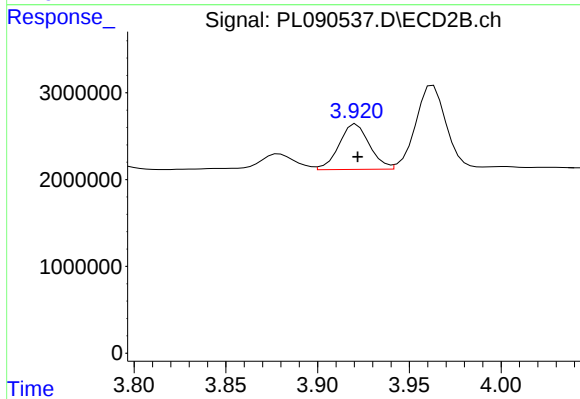
#5 Aldrin

R.T.: 4.243 min  
Delta R.T.: -0.002 min  
Response: 11528677  
Conc: 5.42 ng/ml



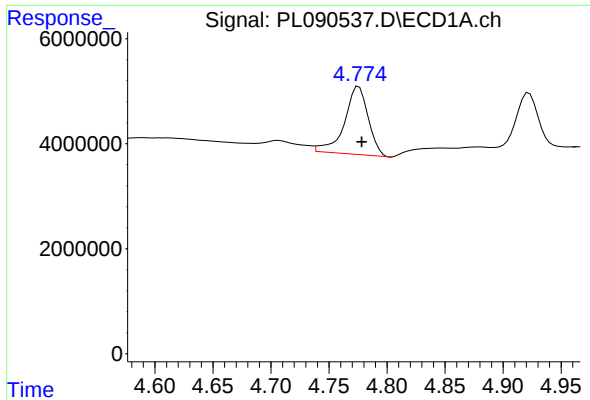
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: -0.001 min  
Response: 6057527  
Conc: 4.78 ng/ml



#6 beta-BHC

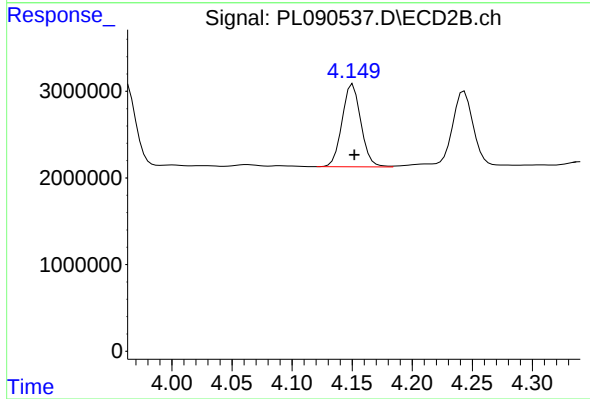
R.T.: 3.921 min  
Delta R.T.: 0.000 min  
Response: 6039790  
Conc: 5.85 ng/ml



#7 delta-BHC

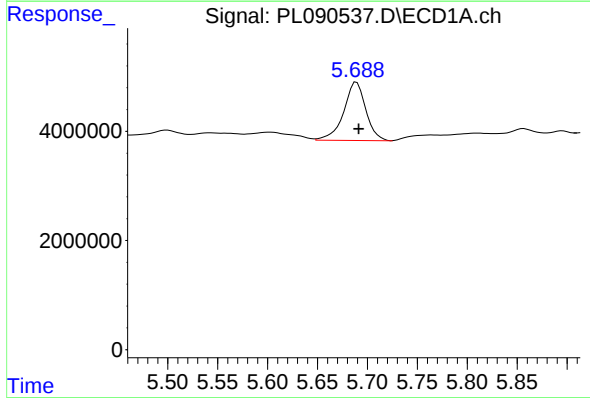
R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 18521492  
Conc: 6.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



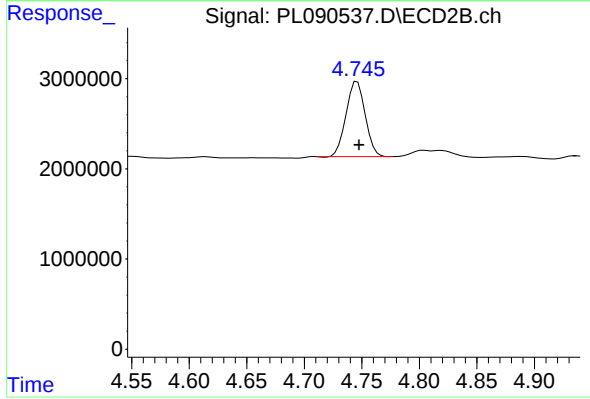
#7 delta-BHC

R.T.: 4.151 min  
Delta R.T.: -0.001 min  
Response: 10437039  
Conc: 4.74 ng/ml



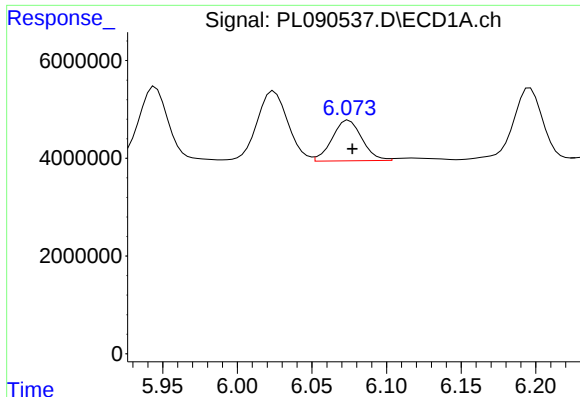
#8 Heptachlor epoxide

R.T.: 5.689 min  
Delta R.T.: -0.002 min  
Response: 16504693  
Conc: 7.02 ng/ml



#8 Heptachlor epoxide

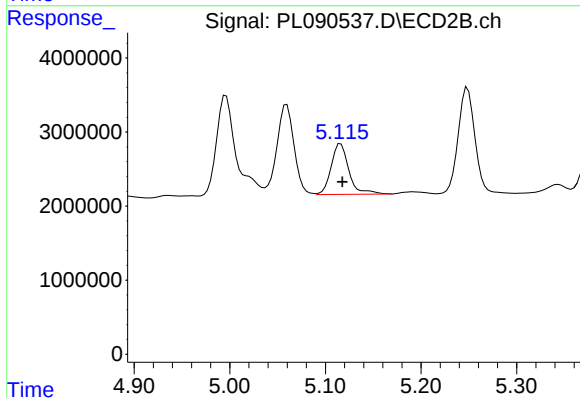
R.T.: 4.746 min  
Delta R.T.: -0.002 min  
Response: 9682666  
Conc: 4.96 ng/ml



#9 Endosulfan I

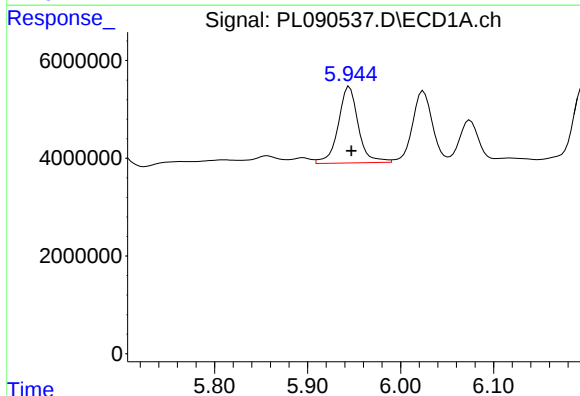
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 11634331  
Conc: 5.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



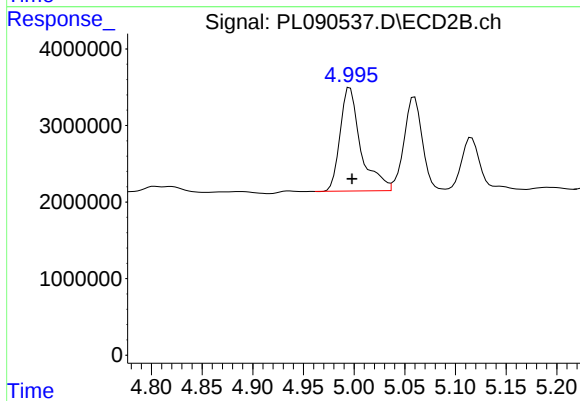
#9 Endosulfan I

R.T.: 5.116 min  
Delta R.T.: -0.002 min  
Response: 8781876  
Conc: 4.80 ng/ml



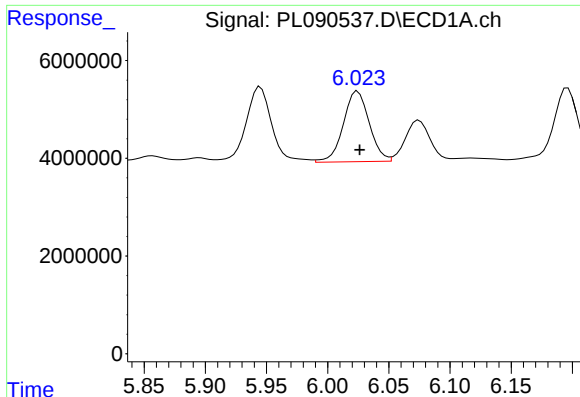
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: -0.002 min  
Response: 23445382  
Conc: 10.08 ng/ml



#10 gamma-Chlordane

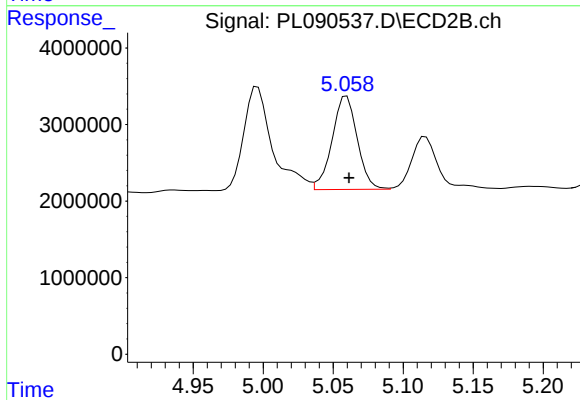
R.T.: 4.996 min  
Delta R.T.: -0.002 min  
Response: 19213546  
Conc: 9.48 ng/ml



#11 alpha-Chlordane

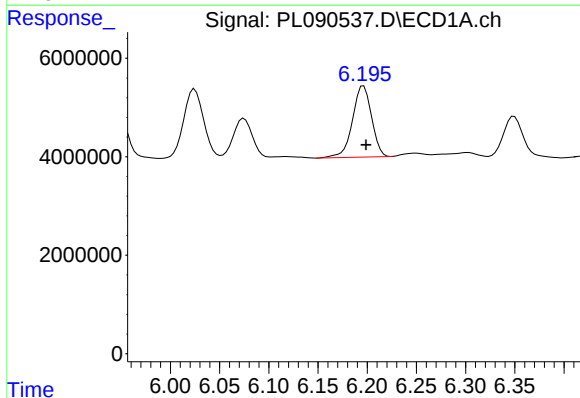
R.T.: 6.025 min  
Delta R.T.: -0.002 min  
Response: 21308957  
Conc: 9.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



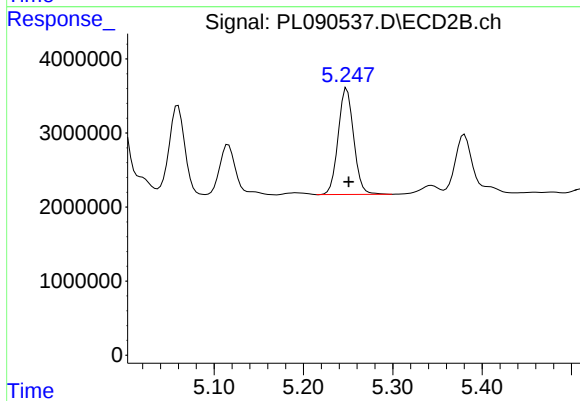
#11 alpha-Chlordane

R.T.: 5.060 min  
Delta R.T.: -0.002 min  
Response: 15272741  
Conc: 7.56 ng/ml



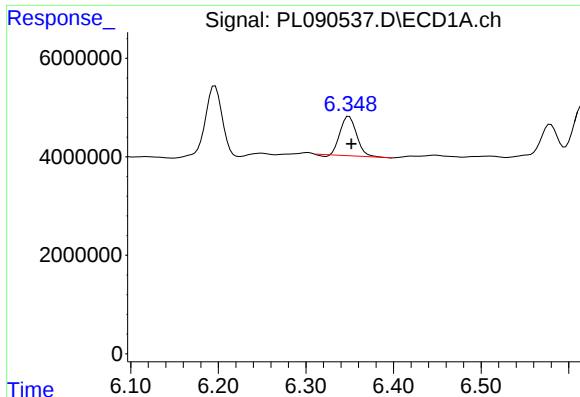
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: -0.003 min  
Response: 19495815  
Conc: 9.64 ng/ml



#12 4,4'-DDE

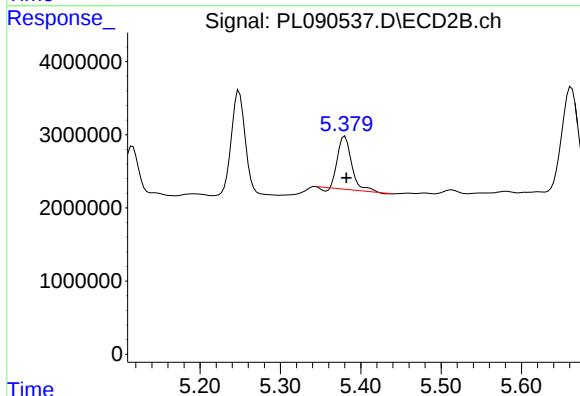
R.T.: 5.249 min  
Delta R.T.: -0.002 min  
Response: 17296779  
Conc: 9.68 ng/ml



#13 Dieldrin

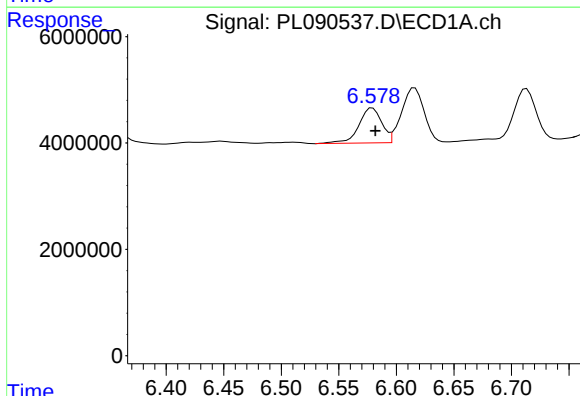
R.T.: 6.349 min  
Delta R.T.: -0.003 min  
Response: 10314519  
Conc: 4.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



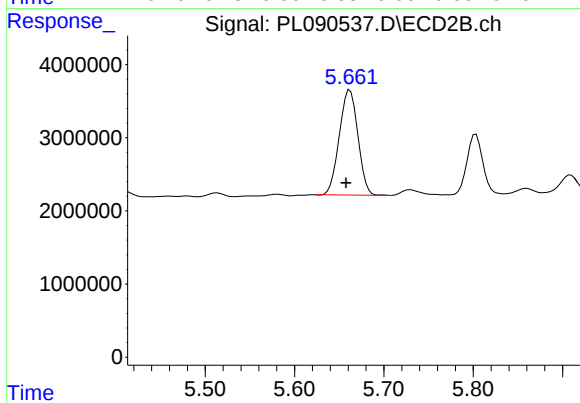
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: -0.002 min  
Response: 8667558  
Conc: 4.42 ng/ml



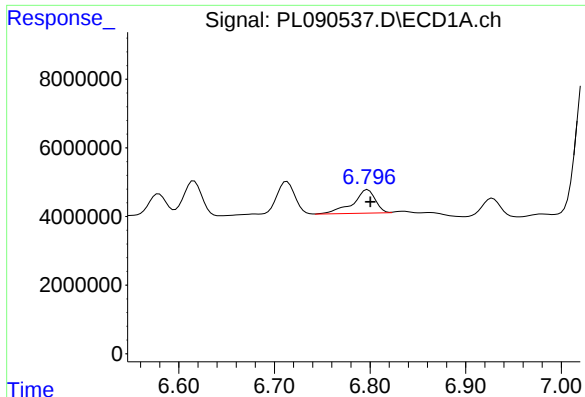
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: -0.002 min  
Response: 9109847  
Conc: 4.96 ng/ml



#14 Endrin

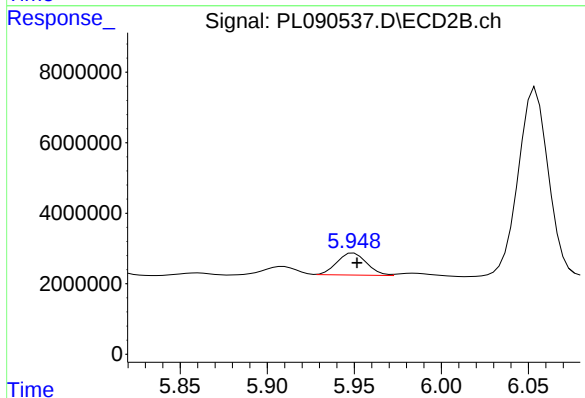
R.T.: 5.662 min  
Delta R.T.: 0.005 min  
Response: 20767694  
Conc: 12.07 ng/ml



#15 Endosulfan II

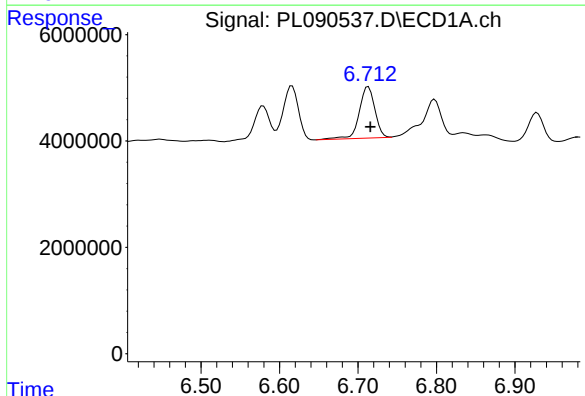
R.T.: 6.798 min  
Delta R.T.: -0.003 min  
Response: 11265678  
Conc: 5.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



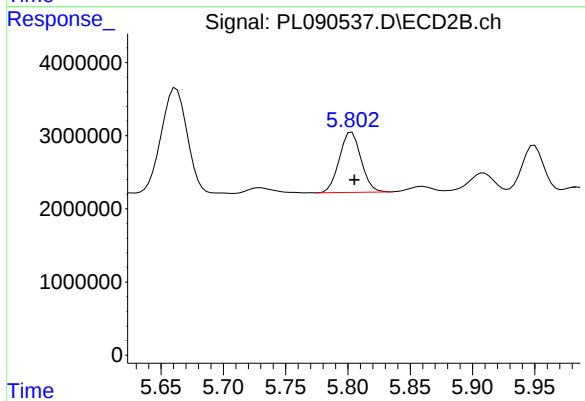
#15 Endosulfan II

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 7465980  
Conc: 4.37 ng/ml



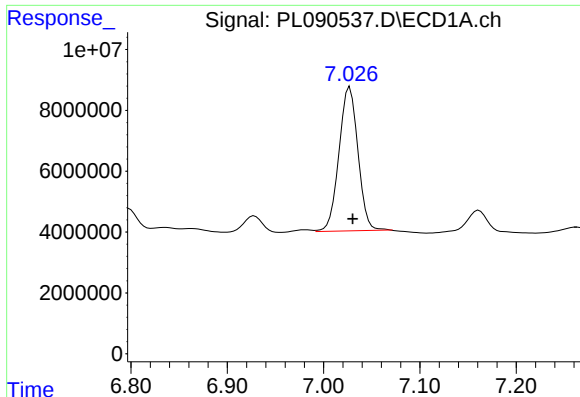
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.002 min  
Response: 13369562  
Conc: 7.92 ng/ml



#16 4,4'-DDD

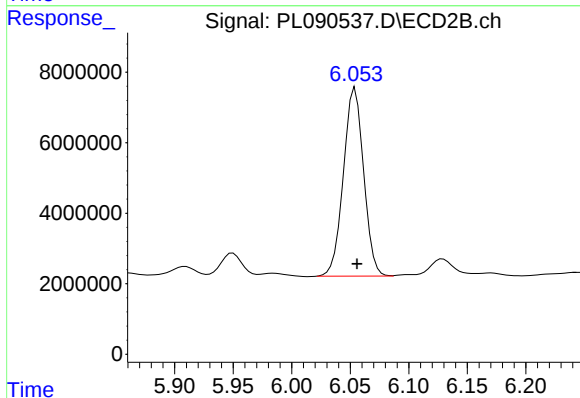
R.T.: 5.803 min  
Delta R.T.: -0.002 min  
Response: 9980537  
Conc: 6.66 ng/ml



#17 4,4'-DDT

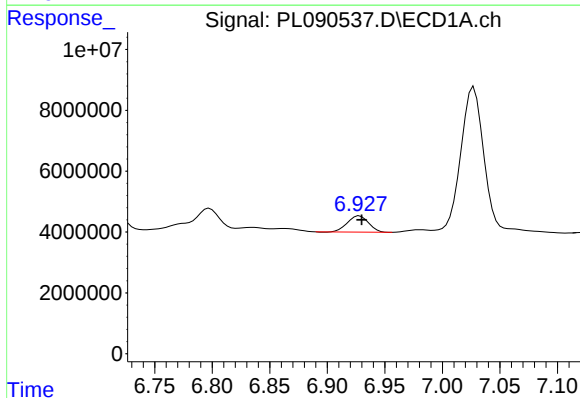
R.T.: 7.027 min  
Delta R.T.: -0.003 min  
Response: 64677890  
Conc: 38.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



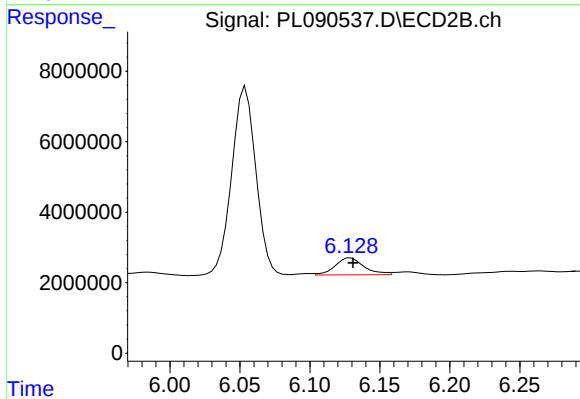
#17 4,4'-DDT

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 64300875  
Conc: 43.89 ng/ml



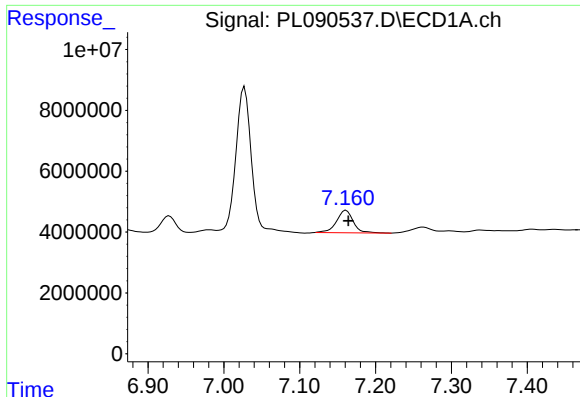
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 6846921  
Conc: 4.62 ng/ml



#18 Endrin aldehyde

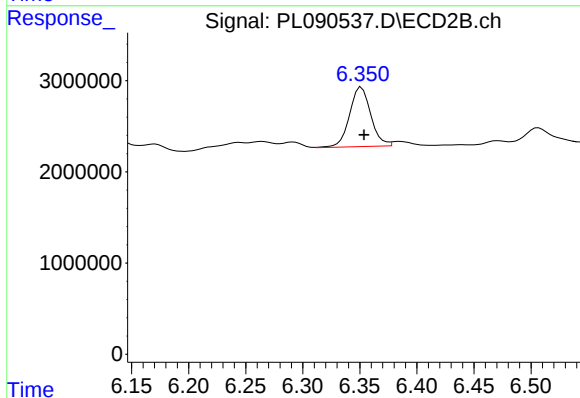
R.T.: 6.129 min  
Delta R.T.: -0.002 min  
Response: 6932999  
Conc: 5.31 ng/ml



#19 Endosulfan Sulfate

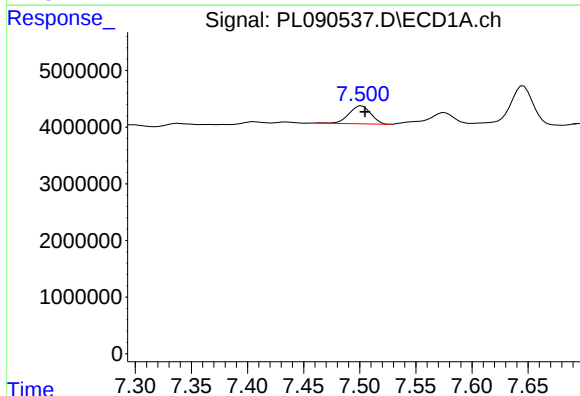
R.T.: 7.161 min  
Delta R.T.: -0.003 min  
Response: 11274956  
Conc: 6.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



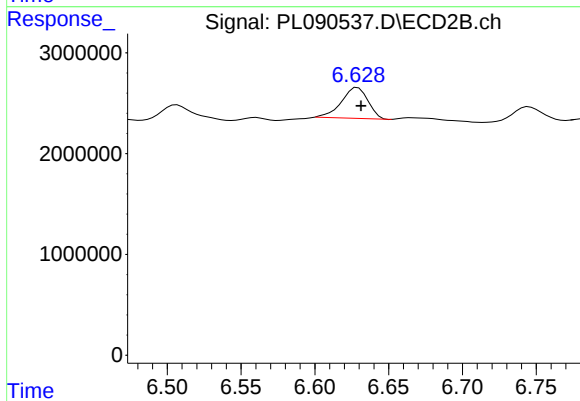
#19 Endosulfan Sulfate

R.T.: 6.351 min  
Delta R.T.: -0.002 min  
Response: 8437667  
Conc: 5.23 ng/ml



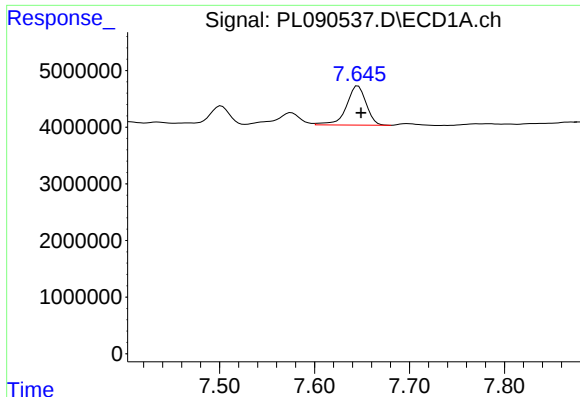
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.003 min  
Response: 4275977  
Conc: 4.84 ng/ml



#20 Methoxychlor

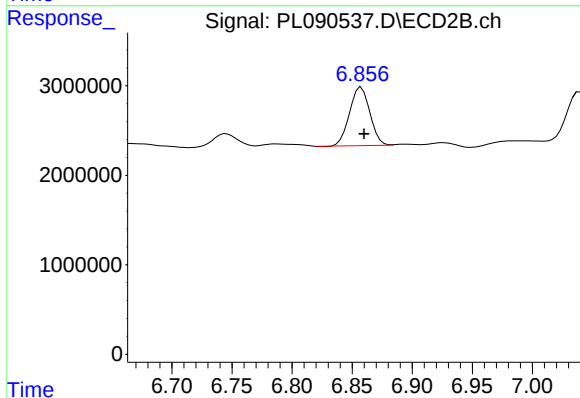
R.T.: 6.629 min  
Delta R.T.: -0.002 min  
Response: 3841955  
Conc: 4.75 ng/ml



#21 Endrin ketone

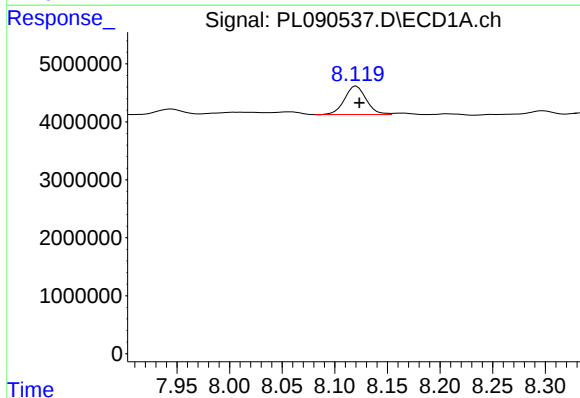
R.T.: 7.646 min  
Delta R.T.: -0.003 min  
Response: 9967720  
Conc: 5.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



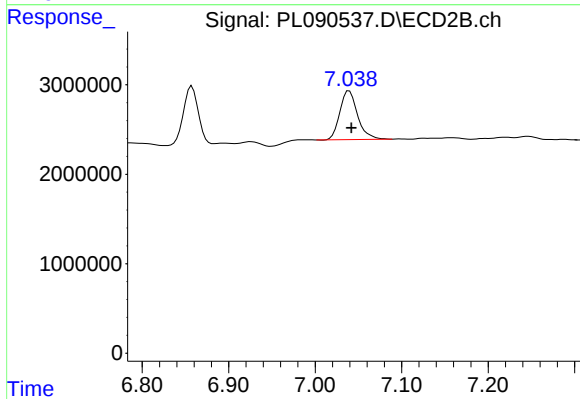
#21 Endrin ketone

R.T.: 6.858 min  
Delta R.T.: -0.002 min  
Response: 7664133  
Conc: 4.19 ng/ml



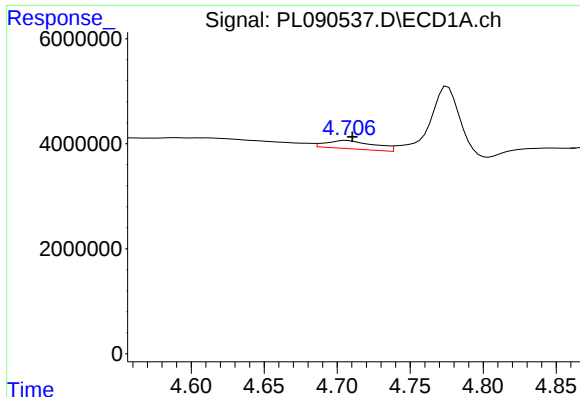
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: -0.003 min  
Response: 7099111  
Conc: 5.01 ng/ml



#22 Mirex

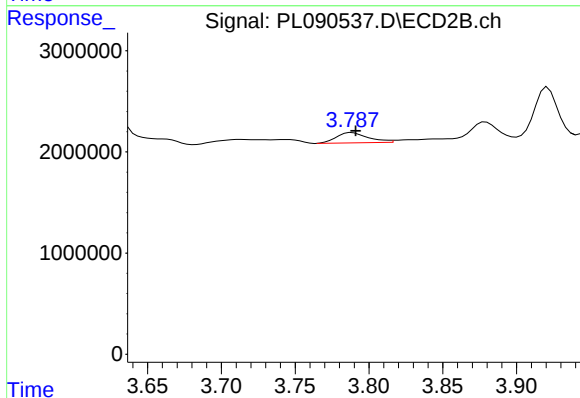
R.T.: 7.039 min  
Delta R.T.: -0.003 min  
Response: 7685803  
Conc: 5.17 ng/ml



#23 Chlordane-1

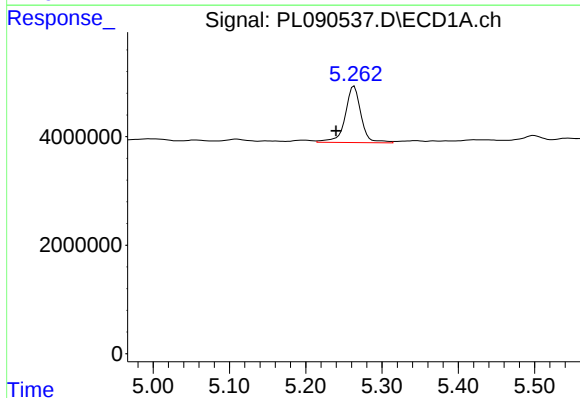
R.T.: 4.707 min  
Delta R.T.: -0.004 min  
Response: 3602648  
Conc: 40.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



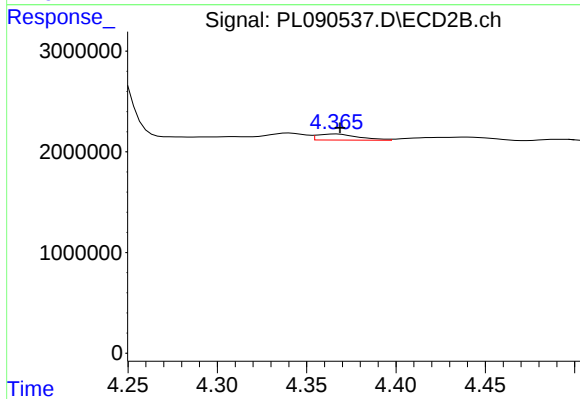
#23 Chlordane-1

R.T.: 3.788 min  
Delta R.T.: -0.003 min  
Response: 1539738  
Conc: 24.87 ng/ml



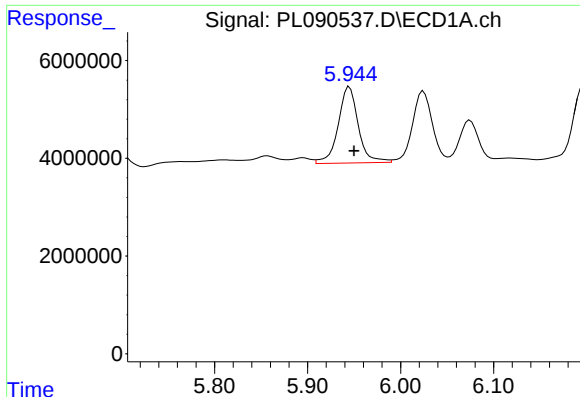
#24 Chlordane-2

R.T.: 5.264 min  
Delta R.T.: 0.024 min  
Response: 15050531  
Conc: 147.05 ng/ml



#24 Chlordane-2

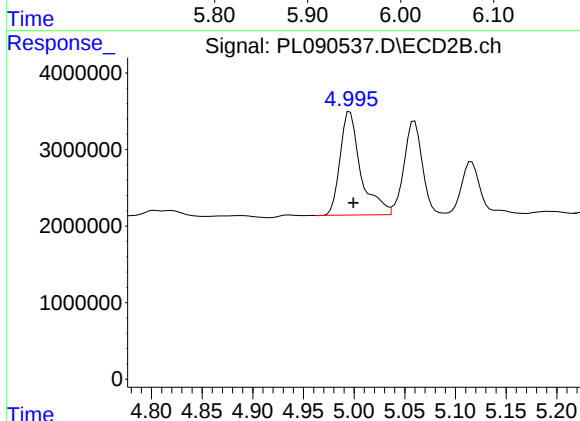
R.T.: 4.367 min  
Delta R.T.: -0.002 min  
Response: 968931  
Conc: 12.78 ng/ml



#25 Chlordane-3

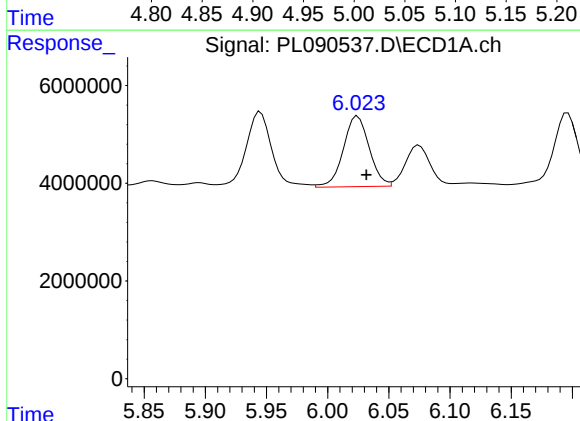
R.T.: 5.945 min  
Delta R.T.: -0.005 min  
Response: 23445382  
Conc: 70.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



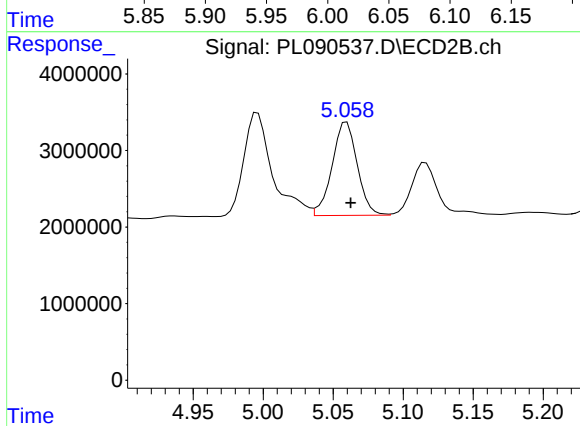
#25 Chlordane-3

R.T.: 4.996 min  
Delta R.T.: -0.003 min  
Response: 19213546  
Conc: 92.96 ng/ml



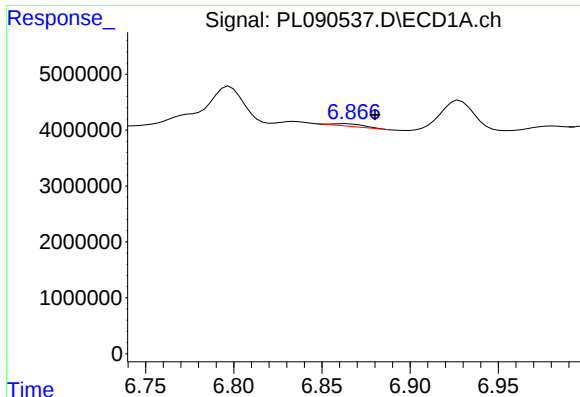
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.007 min  
Response: 21308957  
Conc: 53.50 ng/ml



#26 Chlordane-4

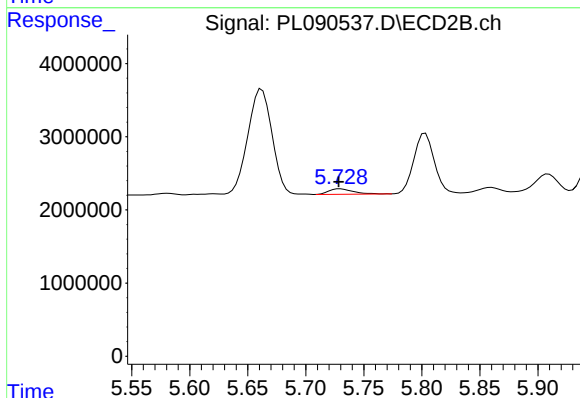
R.T.: 5.060 min  
Delta R.T.: -0.003 min  
Response: 15272741  
Conc: 78.04 ng/ml



#27 Chlordane-5

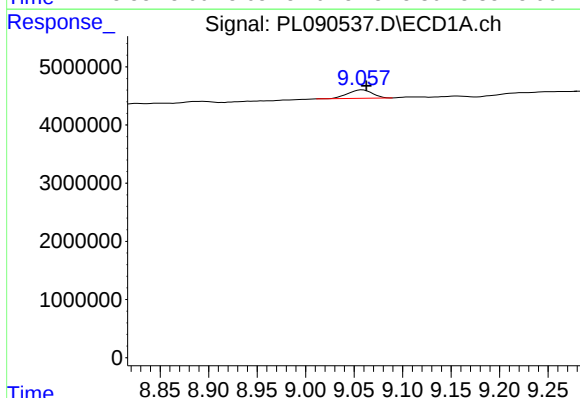
R.T.: 6.863 min  
Delta R.T.: -0.017 min  
Response: 384708  
Conc: 5.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



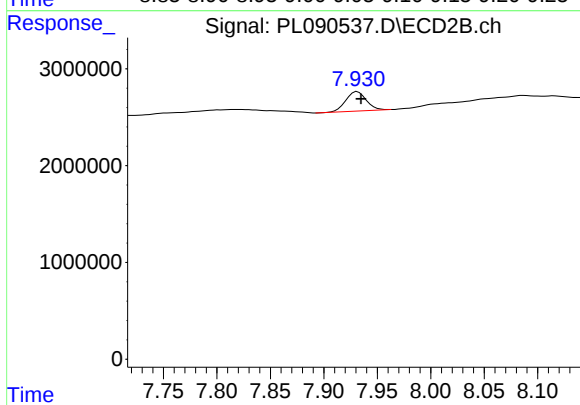
#27 Chlordane-5

R.T.: 5.730 min  
Delta R.T.: 0.001 min  
Response: 1062296  
Conc: 17.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.004 min  
Response: 2556974  
Conc: 1.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: -0.003 min  
Response: 2677139  
Conc: 1.84 ng/ml