

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080224\  
 Data File : PL090748.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2024 12:14  
 Operator : AR\AJ  
 Sample : P3390-07  
 Misc : PEST LOD 2.5PPB/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 00:32:20 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  | 2.787  | 34423814 | 28342826 | 16.532 | 16.841   |
| 28)                         | SA Decachlor... | 9.056  | 7.929  | 25525440 | 27974481 | 19.209 | 19.186   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.000  | 3.289  | 6999176  | 5060166  | 2.359  | 2.094    |
| 3)                          | MA gamma-BHC... | 4.333  | 3.620  | 6558834  | 5047997  | 2.342  | 2.189    |
| 4)                          | MA Heptachlor   | 4.921  | 3.960  | 7456592  | 4655939  | 2.930  | 2.111 #  |
| 5)                          | MB Aldrin       | 5.263  | 4.240  | 6637224  | 4680435  | 2.657  | 2.200    |
| 6)                          | B beta-BHC      | 4.529  | 3.918  | 4843509  | 2531308  | 3.818  | 2.452 #  |
| 7)                          | B delta-BHC     | 4.775  | 4.148  | 7522551  | 4355912  | 2.806  | 1.980 #  |
| 8)                          | B Heptachlo...  | 5.688  | 4.742  | 6930178  | 4568300  | 2.949  | 2.342    |
| 9)                          | A Endosulfan I  | 6.073  | 5.112  | 5872449  | 4130661  | 2.746  | 2.259    |
| 10)                         | B gamma-Chl...  | 5.944  | 4.992  | 10328487 | 4774121  | 4.442  | 2.355 #  |
| 11)                         | B alpha-Chl...  | 6.023  | 5.056  | 6478999  | 4768536  | 2.822  | 2.360    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.245  | 5332490  | 3981881  | 2.637  | 2.228    |
| 13)                         | MA Dieldrin     | 6.348  | 5.377  | 6072190  | 4322481  | 2.733  | 2.204    |
| 14)                         | MA Endrin       | 6.577  | 5.652  | 4360763  | 3506179  | 2.372  | 2.037    |
| 15)                         | B Endosulfa...  | 6.796  | 5.946  | 6278327  | 4185191  | 3.192  | 2.450    |
| 16)                         | A 4,4'-DDD      | 6.711  | 5.800  | 4997216  | 3952867  | 2.960  | 2.638    |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.050  | 3864161  | 2547598  | 2.296  | 1.739    |
| 18)                         | B Endrin al...  | 6.927  | 6.125  | 4251652  | 3369680  | 2.866  | 2.579    |
| 19)                         | B Endosulfa...  | 7.160  | 6.348  | 5229251  | 4131612  | 2.978  | 2.562    |
| 20)                         | A Methoxychlor  | 7.502  | 6.626  | 1740118  | 1686006  | 1.971  | 2.085    |
| 21)                         | B Endrin ke...  | 7.645  | 6.853  | 5860068  | 4461235  | 3.070  | 2.441    |
| 22)                         | Mirex           | 8.119  | 7.036  | 4566683  | 4202281  | 3.225  | 2.827    |
| 24)                         | Chlordane-2     | 5.263f | 4.363  | 6637224  | 279026   | 64.846 | 3.679 #  |
| 25)                         | Chlordane-3     | 5.944  | 4.992  | 10328487 | 4774121  | 31.199 | 23.099 # |
| 26)                         | Chlordane-4     | 6.023  | 5.056  | 6478999  | 4768536  | 16.266 | 24.367 # |
| 27)                         | Chlordane-5     | 0.000  | 5.749f | 0        | 766882   | N.D.   | 12.723 # |
| -----                       |                 |        |        |          |          |        |          |

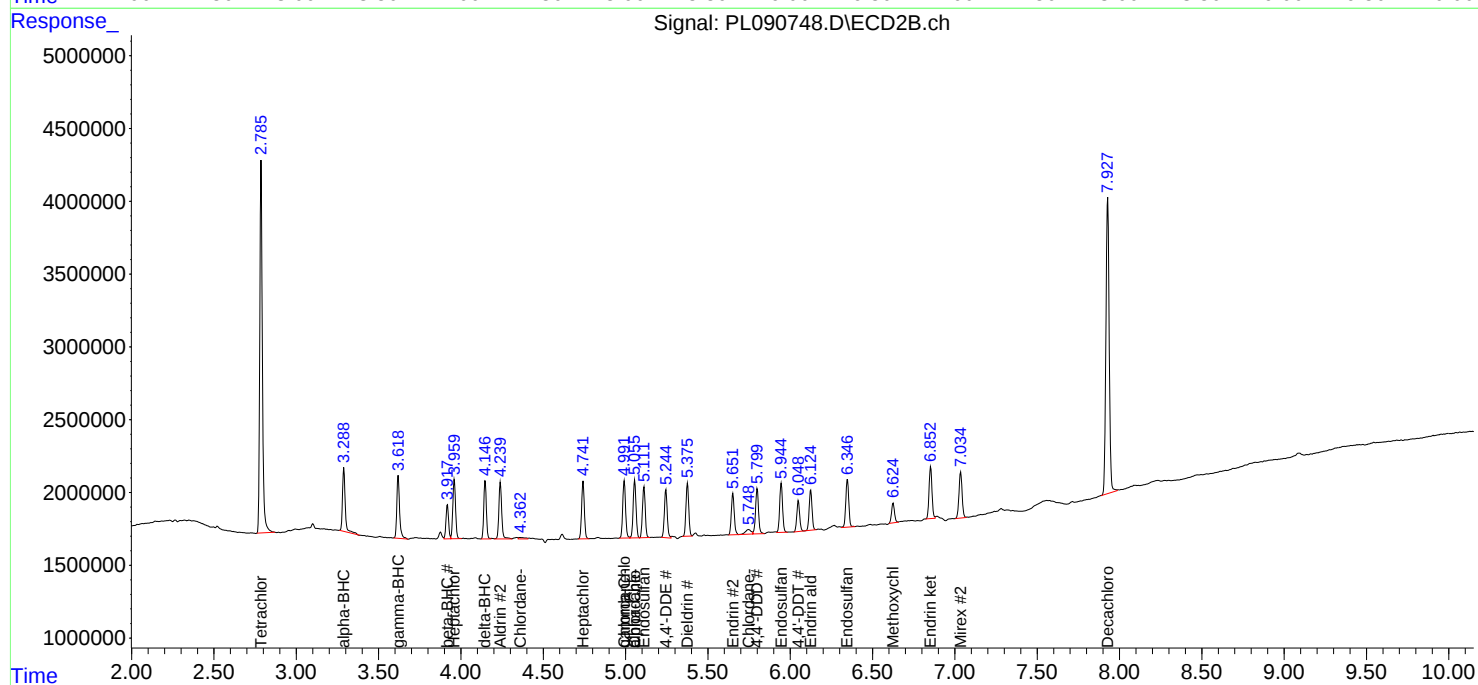
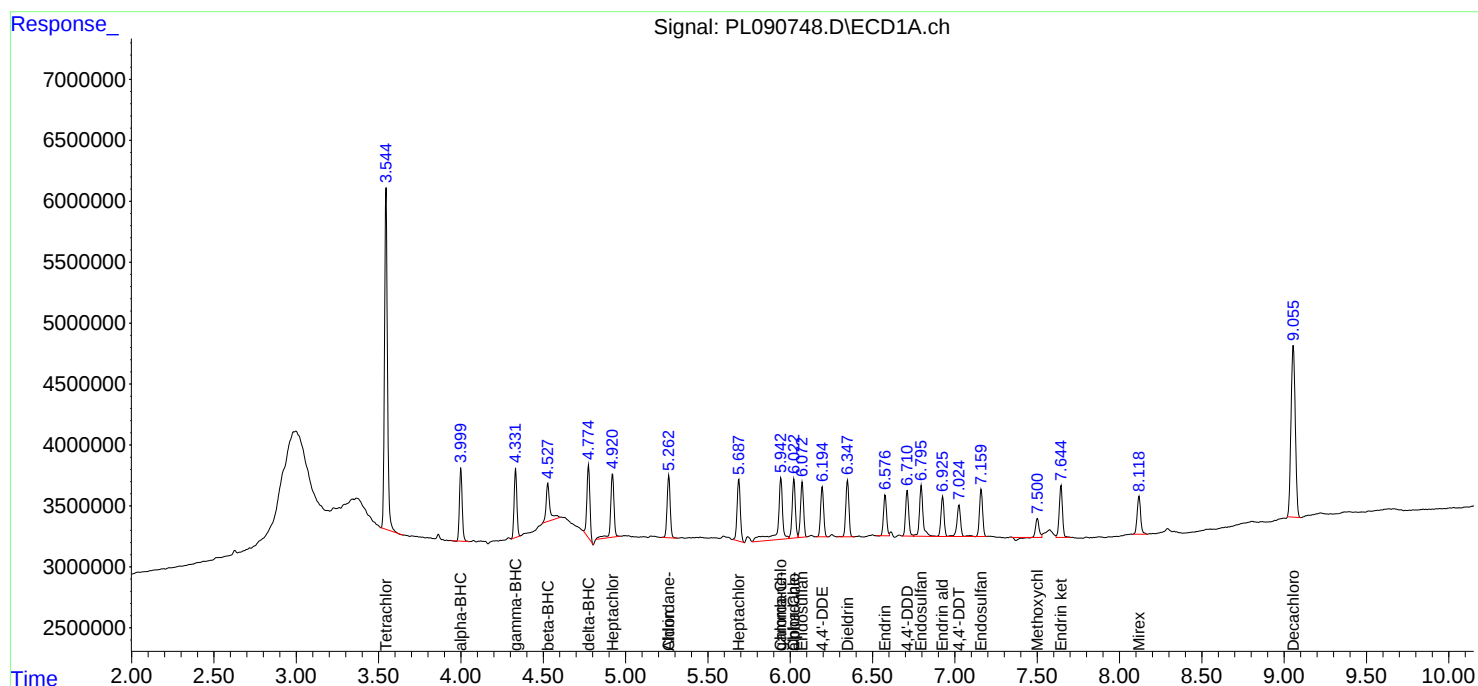
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

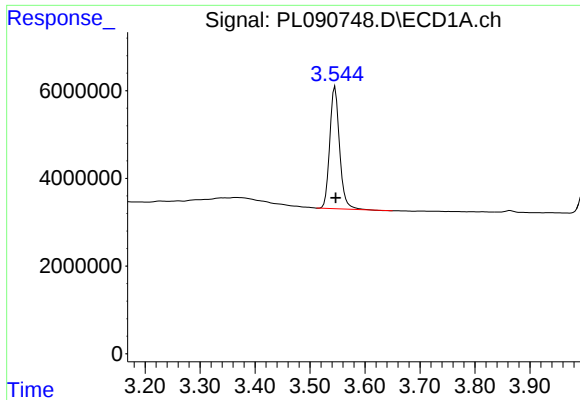
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080224\  
Data File : PL090748.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2024 12:14  
Operator : AR\AJ  
Sample : P3390-07  
Misc : PEST LOD 2.5PPB/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 00:32:20 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

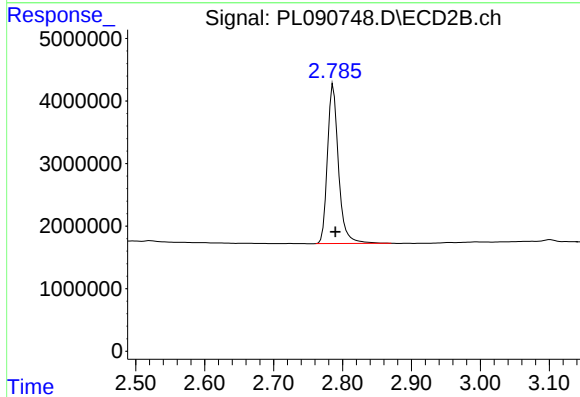




#1 Tetrachloro-m-xylene

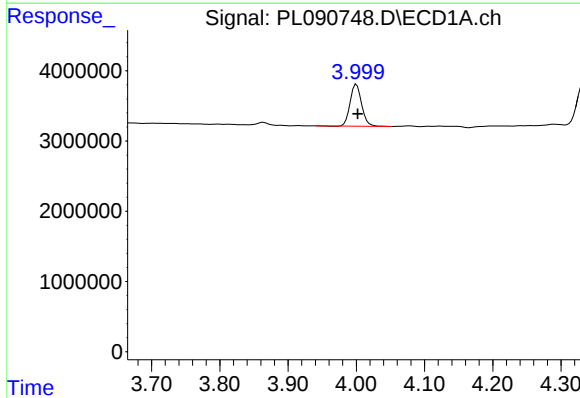
R.T.: 3.546 min  
Delta R.T.: -0.001 min  
Response: 34423814  
Conc: 16.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



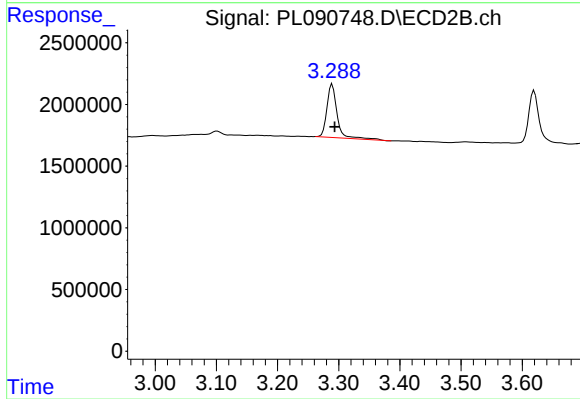
#1 Tetrachloro-m-xylene

R.T.: 2.787 min  
Delta R.T.: -0.003 min  
Response: 28342826  
Conc: 16.84 ng/ml



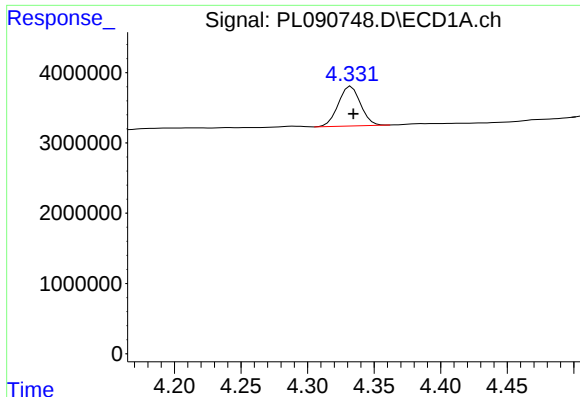
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: -0.002 min  
Response: 6999176  
Conc: 2.36 ng/ml



#2 alpha-BHC

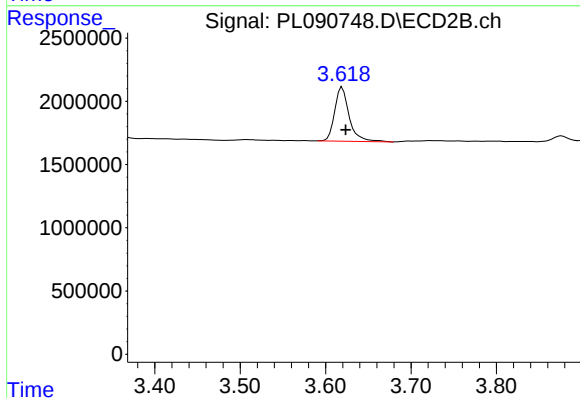
R.T.: 3.289 min  
Delta R.T.: -0.004 min  
Response: 5060166  
Conc: 2.09 ng/ml



#3 gamma-BHC (Lindane)

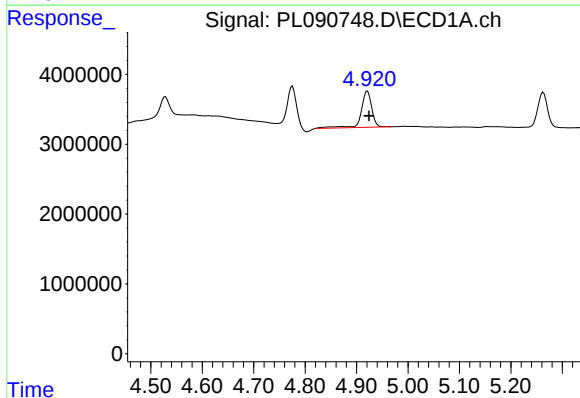
R.T.: 4.333 min  
Delta R.T.: -0.002 min  
Response: 6558834  
Conc: 2.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



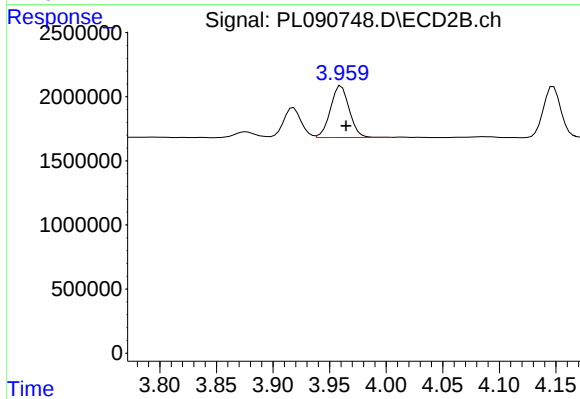
#3 gamma-BHC (Lindane)

R.T.: 3.620 min  
Delta R.T.: -0.004 min  
Response: 5047997  
Conc: 2.19 ng/ml



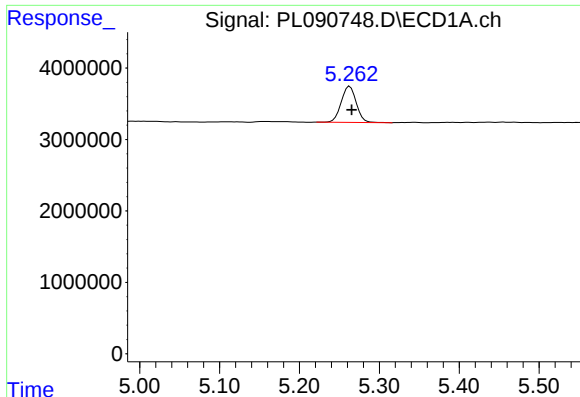
#4 Heptachlor

R.T.: 4.921 min  
Delta R.T.: -0.003 min  
Response: 7456592  
Conc: 2.93 ng/ml



#4 Heptachlor

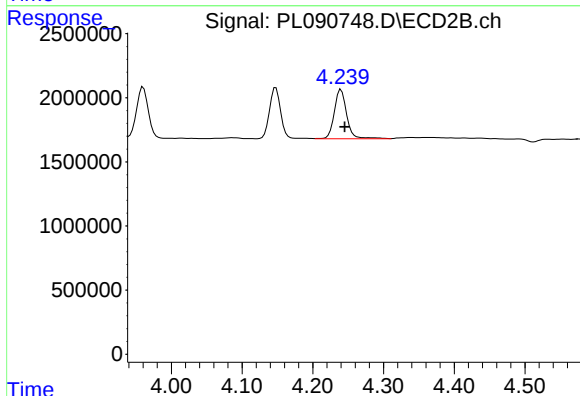
R.T.: 3.960 min  
Delta R.T.: -0.004 min  
Response: 4655939  
Conc: 2.11 ng/ml



#5 Aldrin

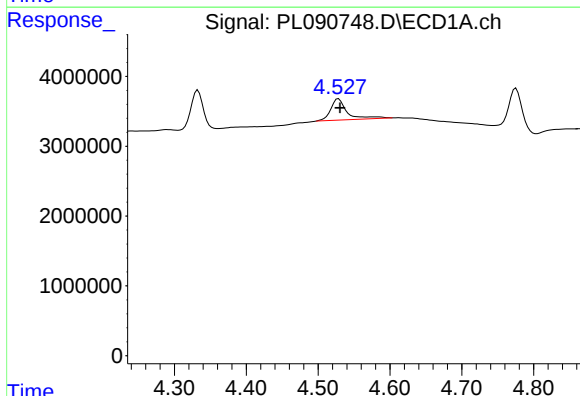
R.T.: 5.263 min  
Delta R.T.: -0.003 min  
Response: 6637224  
Conc: 2.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



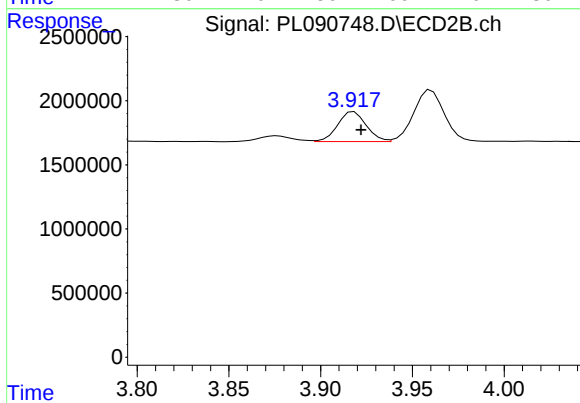
#5 Aldrin

R.T.: 4.240 min  
Delta R.T.: -0.005 min  
Response: 4680435  
Conc: 2.20 ng/ml



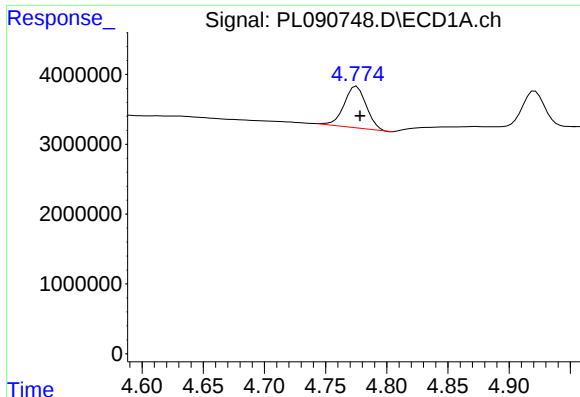
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: -0.002 min  
Response: 4843509  
Conc: 3.82 ng/ml



#6 beta-BHC

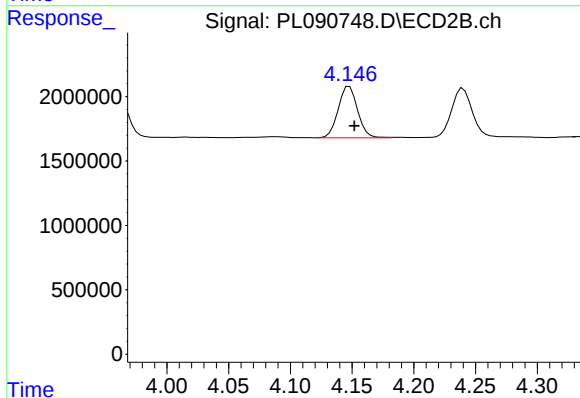
R.T.: 3.918 min  
Delta R.T.: -0.004 min  
Response: 2531308  
Conc: 2.45 ng/ml



#7 delta-BHC

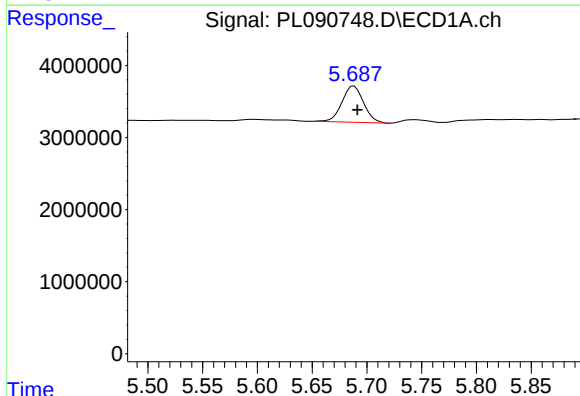
R.T.: 4.775 min  
Delta R.T.: -0.003 min  
Response: 7522551  
Conc: 2.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



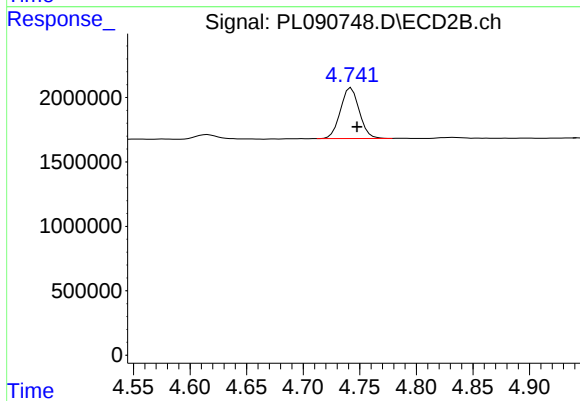
#7 delta-BHC

R.T.: 4.148 min  
Delta R.T.: -0.004 min  
Response: 4355912  
Conc: 1.98 ng/ml



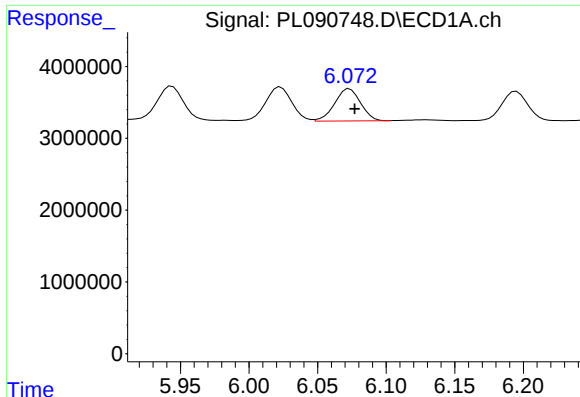
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.003 min  
Response: 6930178  
Conc: 2.95 ng/ml



#8 Heptachlor epoxide

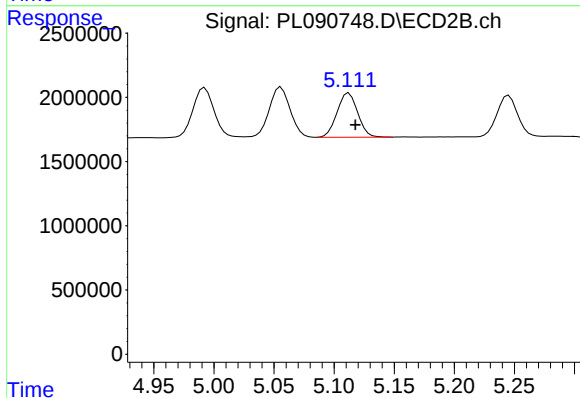
R.T.: 4.742 min  
Delta R.T.: -0.005 min  
Response: 4568300  
Conc: 2.34 ng/ml



#9 Endosulfan I

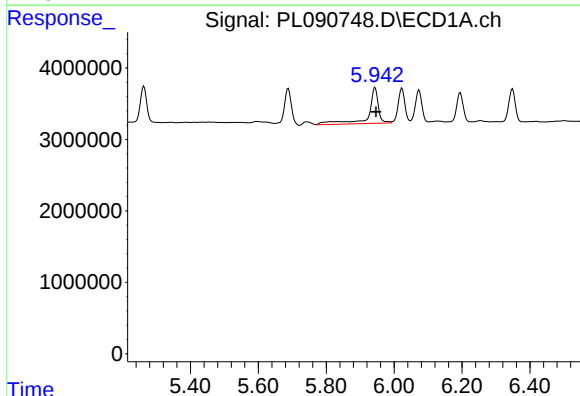
R.T.: 6.073 min  
Delta R.T.: -0.004 min  
Response: 5872449  
Conc: 2.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



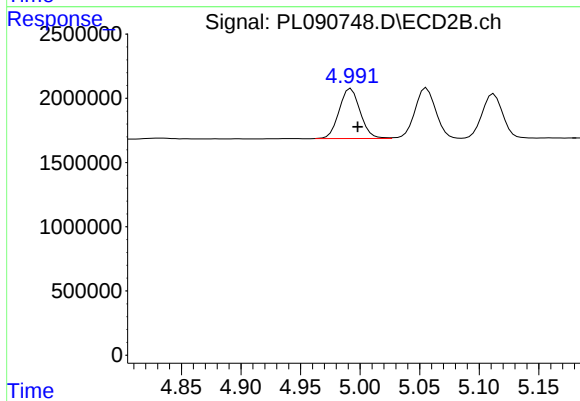
#9 Endosulfan I

R.T.: 5.112 min  
Delta R.T.: -0.005 min  
Response: 4130661  
Conc: 2.26 ng/ml



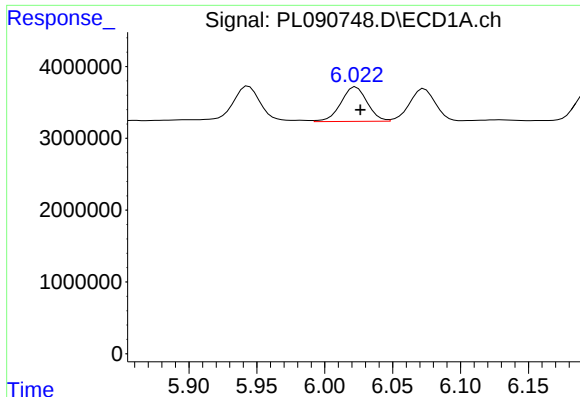
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: -0.003 min  
Response: 10328487  
Conc: 4.44 ng/ml



#10 gamma-Chlordane

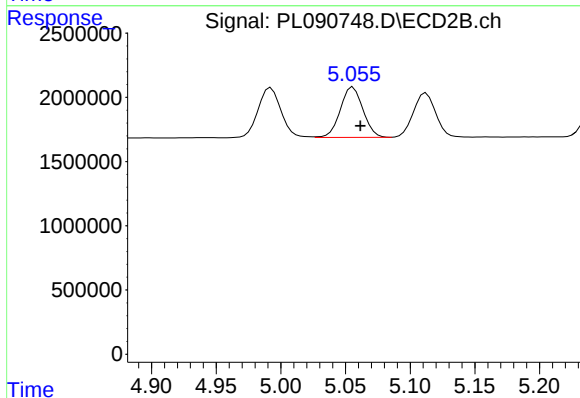
R.T.: 4.992 min  
Delta R.T.: -0.006 min  
Response: 4774121  
Conc: 2.35 ng/ml



#11 alpha-Chlordane

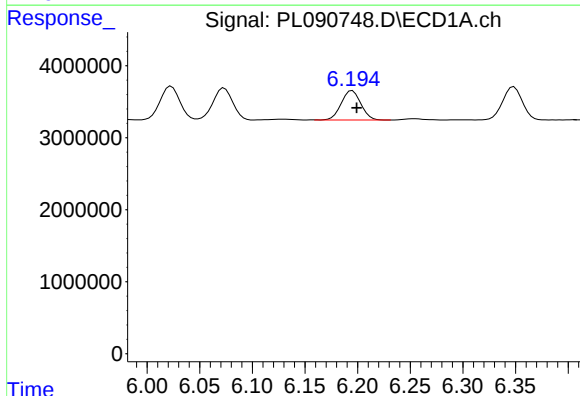
R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 6478999  
Conc: 2.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



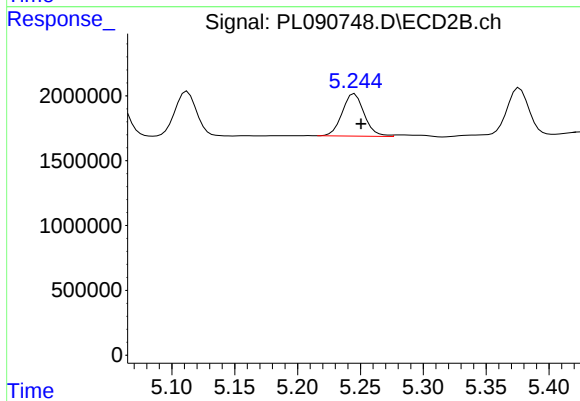
#11 alpha-Chlordane

R.T.: 5.056 min  
Delta R.T.: -0.006 min  
Response: 4768536  
Conc: 2.36 ng/ml



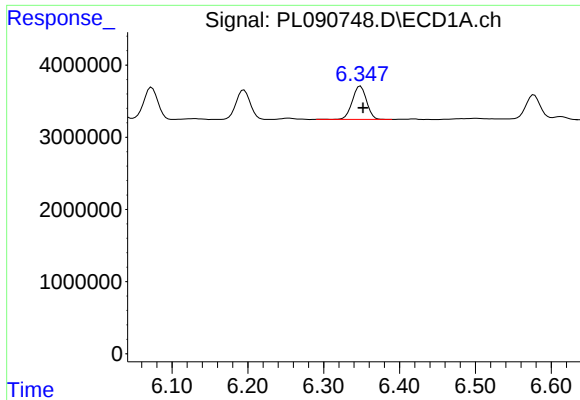
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.004 min  
Response: 5332490  
Conc: 2.64 ng/ml



#12 4,4'-DDE

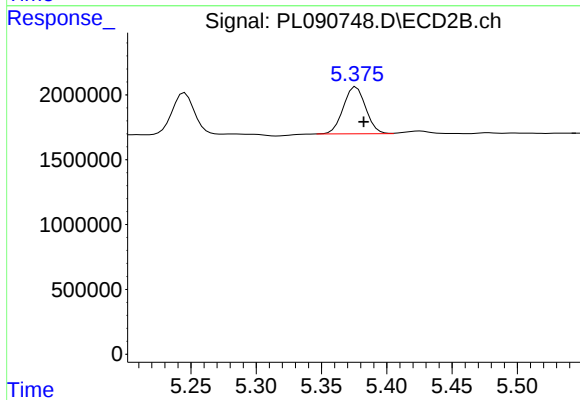
R.T.: 5.245 min  
Delta R.T.: -0.005 min  
Response: 3981881  
Conc: 2.23 ng/ml



#13 Dieldrin

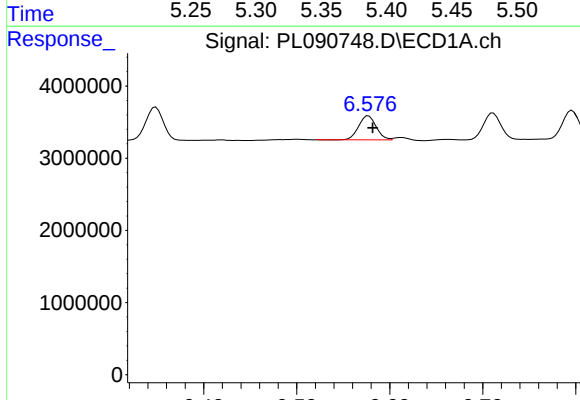
R.T.: 6.348 min  
Delta R.T.: -0.003 min  
Response: 6072190  
Conc: 2.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



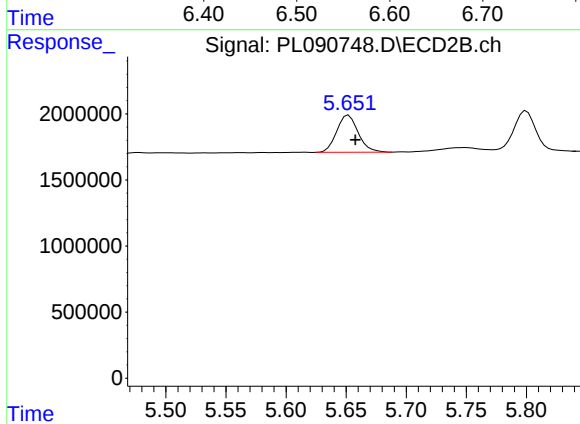
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: -0.006 min  
Response: 4322481  
Conc: 2.20 ng/ml



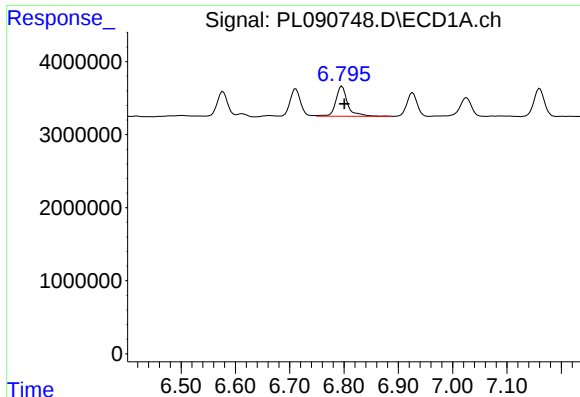
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.004 min  
Response: 4360763  
Conc: 2.37 ng/ml



#14 Endrin

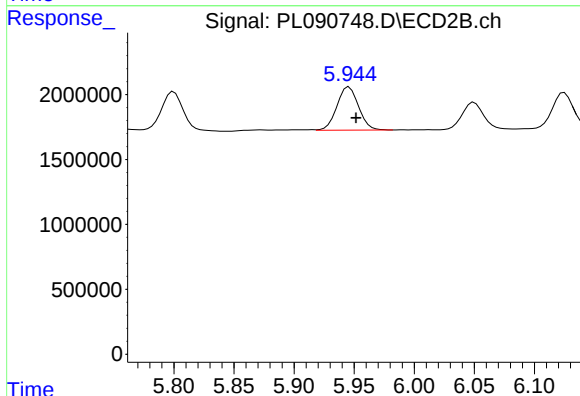
R.T.: 5.652 min  
Delta R.T.: -0.006 min  
Response: 3506179  
Conc: 2.04 ng/ml



#15 Endosulfan II

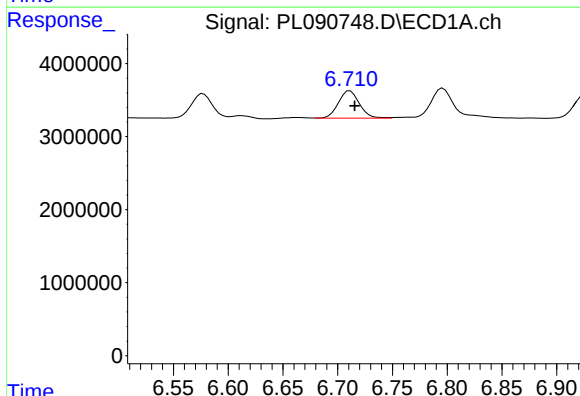
R.T.: 6.796 min  
Delta R.T.: -0.004 min  
Response: 6278327  
Conc: 3.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



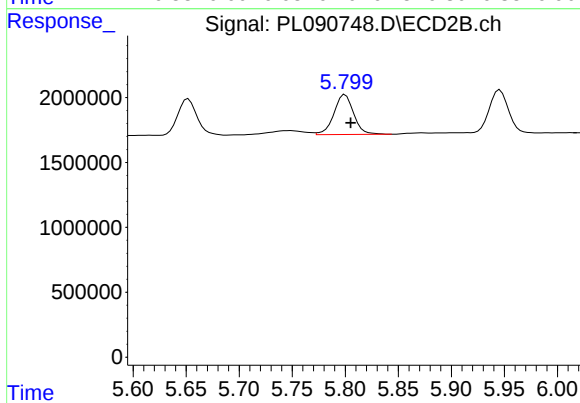
#15 Endosulfan II

R.T.: 5.946 min  
Delta R.T.: -0.006 min  
Response: 4185191  
Conc: 2.45 ng/ml



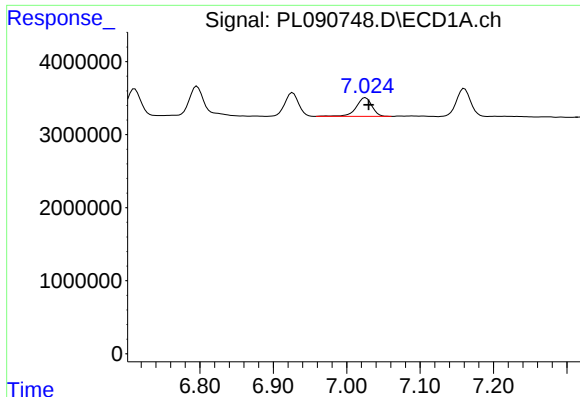
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: -0.004 min  
Response: 4997216  
Conc: 2.96 ng/ml



#16 4,4'-DDD

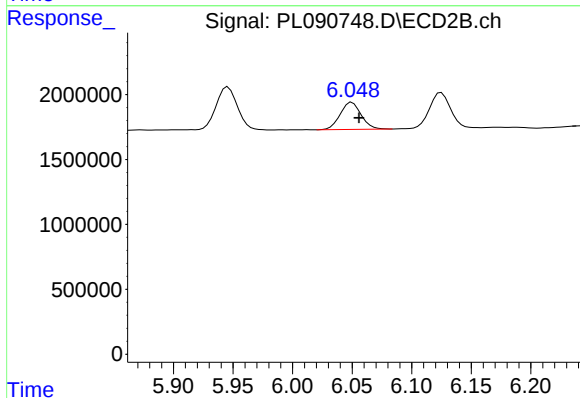
R.T.: 5.800 min  
Delta R.T.: -0.005 min  
Response: 3952867  
Conc: 2.64 ng/ml



#17 4,4'-DDT

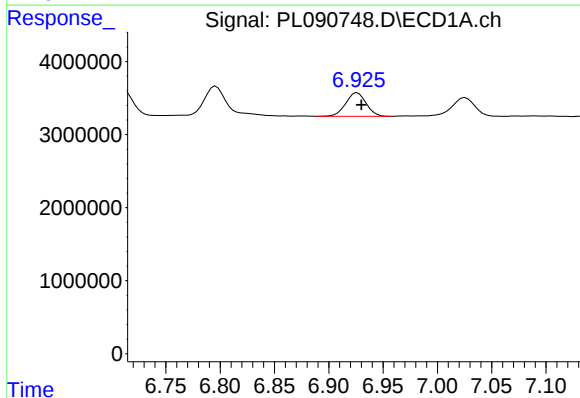
R.T.: 7.026 min  
Delta R.T.: -0.004 min  
Response: 3864161  
Conc: 2.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



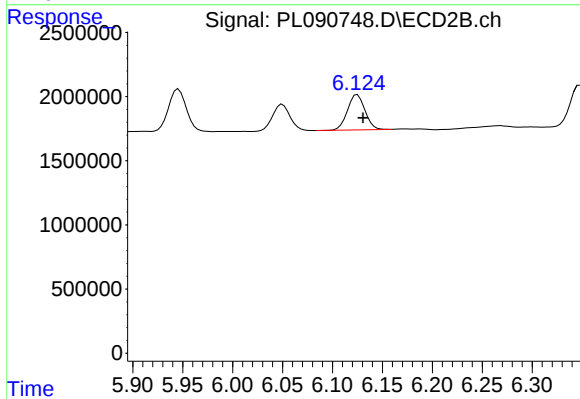
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: -0.006 min  
Response: 2547598  
Conc: 1.74 ng/ml



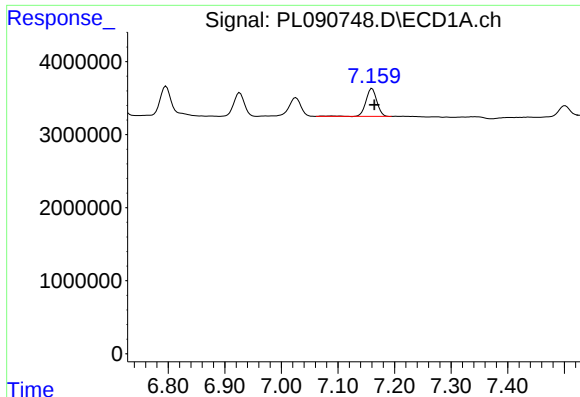
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.004 min  
Response: 4251652  
Conc: 2.87 ng/ml



#18 Endrin aldehyde

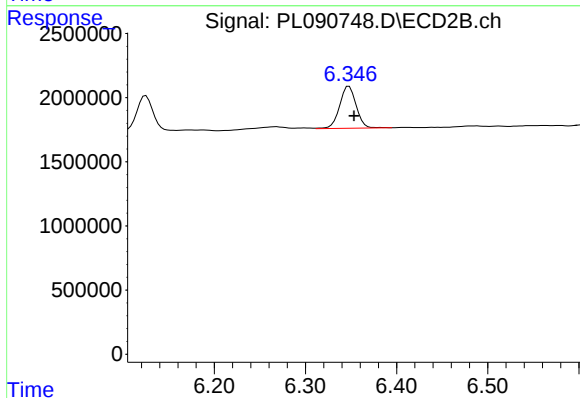
R.T.: 6.125 min  
Delta R.T.: -0.006 min  
Response: 3369680  
Conc: 2.58 ng/ml



#19 Endosulfan Sulfate

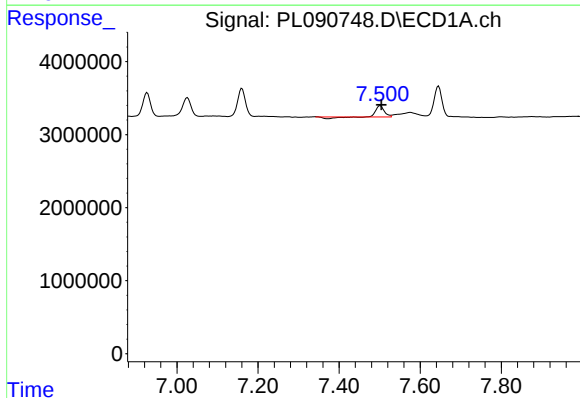
R.T.: 7.160 min  
Delta R.T.: -0.004 min  
Response: 5229251  
Conc: 2.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



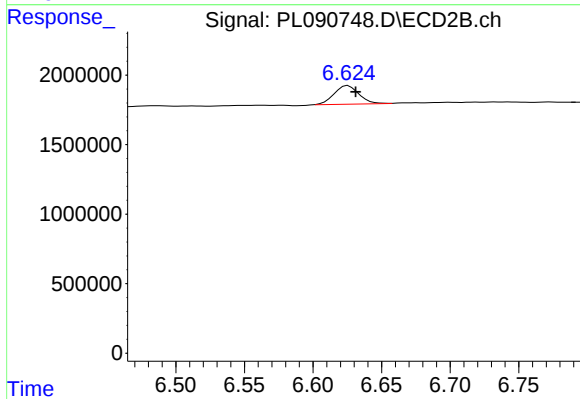
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: -0.006 min  
Response: 4131612  
Conc: 2.56 ng/ml



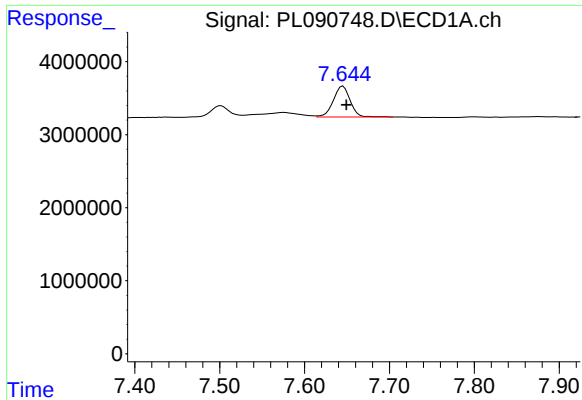
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.003 min  
Response: 1740118  
Conc: 1.97 ng/ml



#20 Methoxychlor

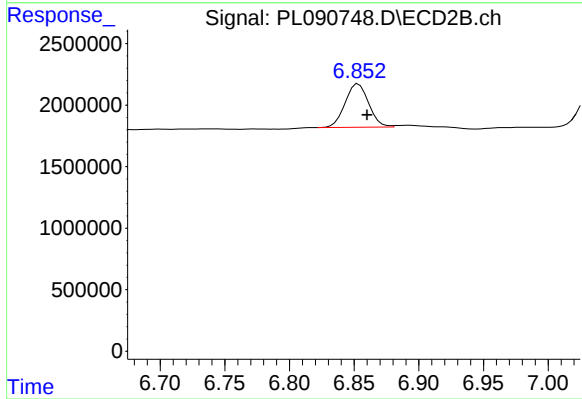
R.T.: 6.626 min  
Delta R.T.: -0.006 min  
Response: 1686006  
Conc: 2.09 ng/ml



#21 Endrin ketone

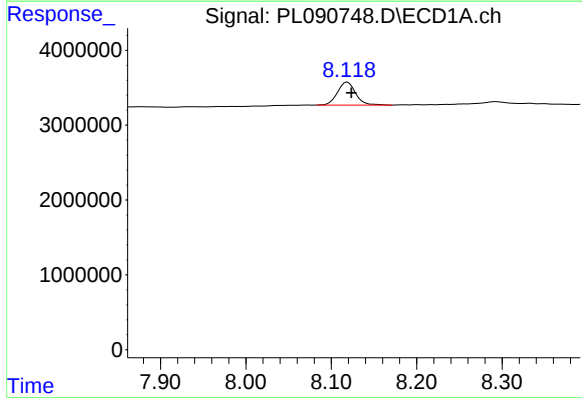
R.T.: 7.645 min  
Delta R.T.: -0.004 min  
Response: 5860068  
Conc: 3.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



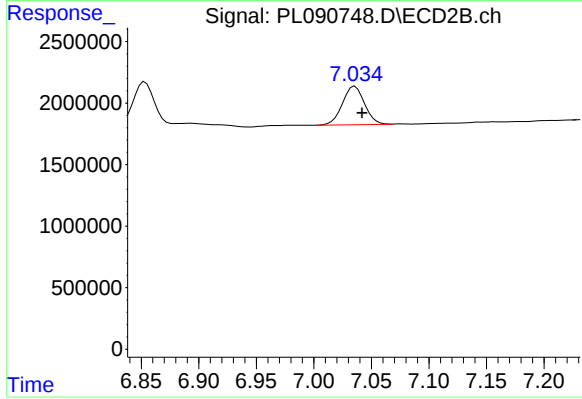
#21 Endrin ketone

R.T.: 6.853 min  
Delta R.T.: -0.007 min  
Response: 4461235  
Conc: 2.44 ng/ml



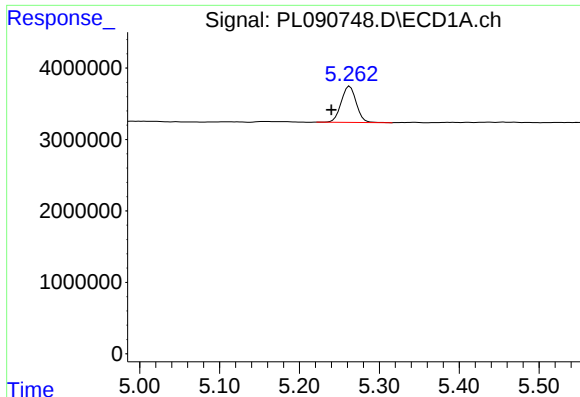
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: -0.004 min  
Response: 4566683  
Conc: 3.22 ng/ml



#22 Mirex

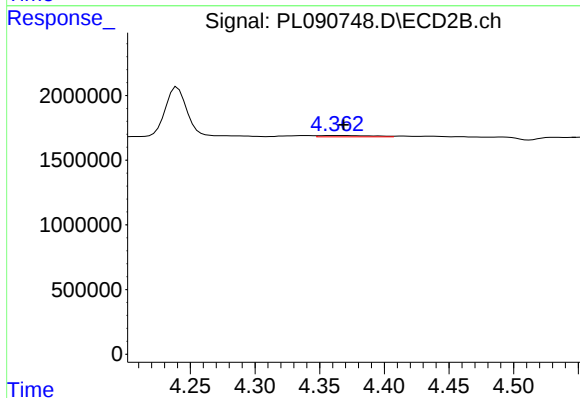
R.T.: 7.036 min  
Delta R.T.: -0.006 min  
Response: 4202281  
Conc: 2.83 ng/ml



#24 Chlordane-2

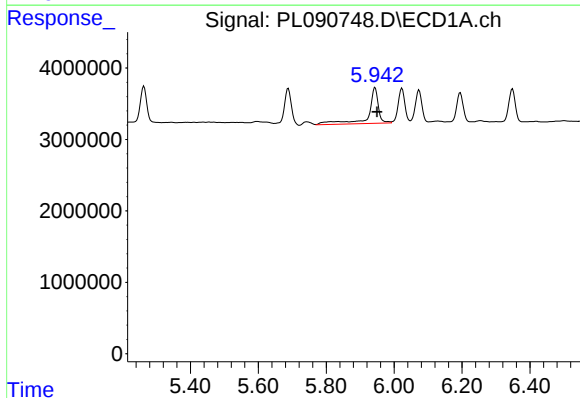
R.T.: 5.263 min  
Delta R.T.: 0.023 min  
Response: 6637224  
Conc: 64.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



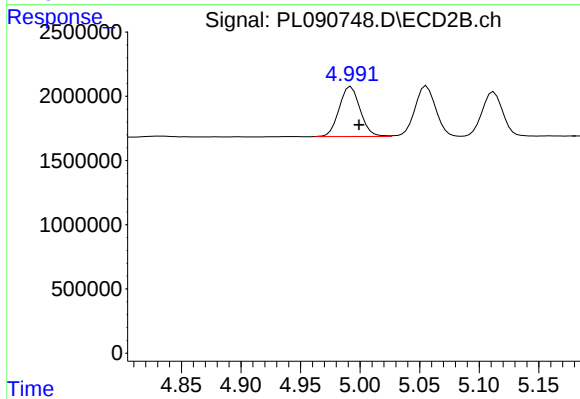
#24 Chlordane-2

R.T.: 4.363 min  
Delta R.T.: -0.005 min  
Response: 279026  
Conc: 3.68 ng/ml



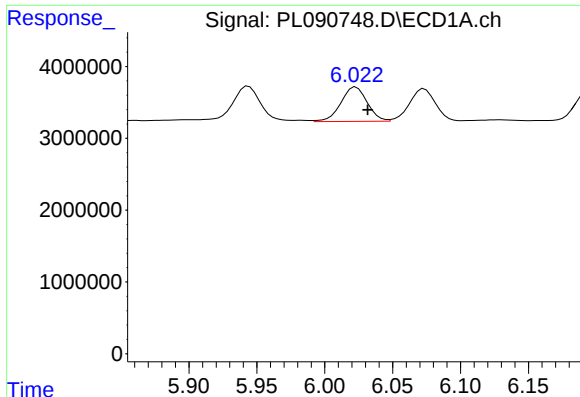
#25 Chlordane-3

R.T.: 5.944 min  
Delta R.T.: -0.006 min  
Response: 10328487  
Conc: 31.20 ng/ml



#25 Chlordane-3

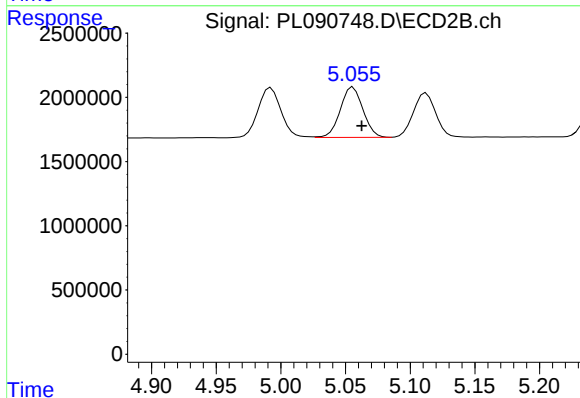
R.T.: 4.992 min  
Delta R.T.: -0.007 min  
Response: 4774121  
Conc: 23.10 ng/ml



#26 Chlordane-4

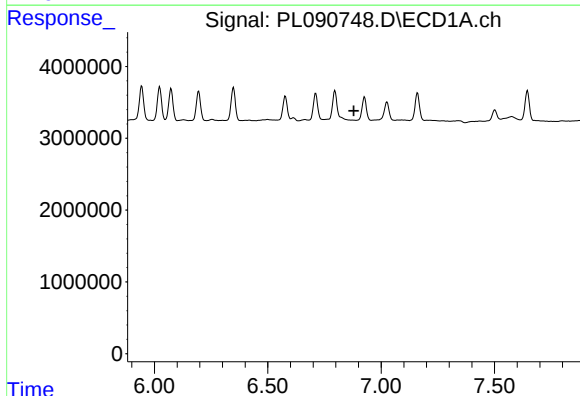
R.T.: 6.023 min  
Delta R.T.: -0.009 min  
Response: 6478999  
Conc: 16.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



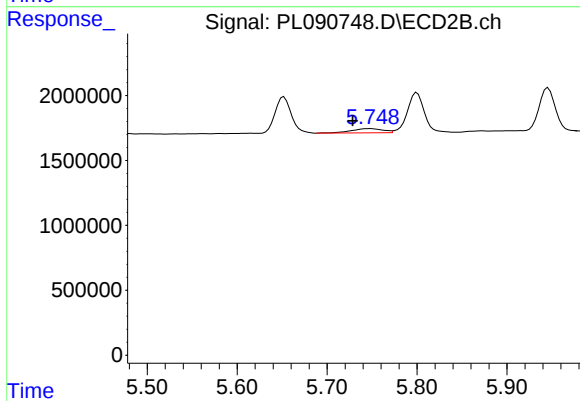
#26 Chlordane-4

R.T.: 5.056 min  
Delta R.T.: -0.007 min  
Response: 4768536  
Conc: 24.37 ng/ml



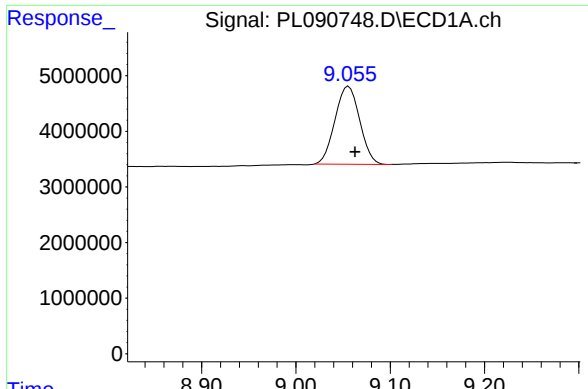
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.880 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

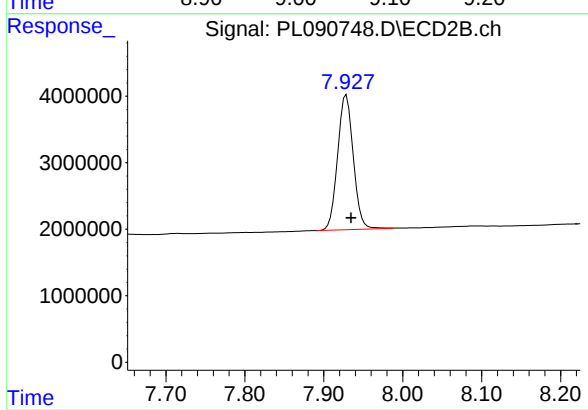
R.T.: 5.749 min  
Delta R.T.: 0.021 min  
Response: 766882  
Conc: 12.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: -0.007 min  
Response: 25525440  
Conc: 19.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: -0.006 min  
Response: 27974481  
Conc: 19.19 ng/ml