

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
 Data File : PL094210.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2025 18:38  
 Operator : AR\AJ  
 Sample : Q1366-01MSD 10X  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 15 02:24:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-----------|
| -----                       |                 |        |       |          |          |         |           |
| System Monitoring Compounds |                 |        |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.537  | 2.773 | 6971975  | 7511024  | 2.589   | 2.301     |
| 28)                         | SA Decachlor... | 9.050  | 7.906 | 4870564  | 6541508  | 2.328   | 1.867     |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.993  | 3.274 | 21857614 | 22456538 | 5.701   | 4.593     |
| 3)                          | MA gamma-BHC... | 4.325  | 3.604 | 20514579 | 22004052 | 5.570   | 4.641     |
| 4)                          | MA Heptachlor   | 4.913  | 3.943 | 20766819 | 24242694 | 6.336   | 5.208     |
| 5)                          | MB Aldrin       | 5.254  | 4.222 | 19110953 | 21451476 | 5.841   | 4.702     |
| 6)                          | B beta-BHC      | 4.524  | 3.905 | 9708280  | 11601330 | 6.040   | 5.808     |
| 7)                          | B delta-BHC     | 4.770  | 4.133 | 22530329 | 22054977 | 6.428   | 4.642 #   |
| 8)                          | B Heptachlo...  | 5.681  | 4.724 | 18345404 | 21219873 | 6.169   | 5.076     |
| 9)                          | A Endosulfan I  | 6.066  | 5.093 | 15769096 | 20464722 | 5.967   | 5.279     |
| 10)                         | B gamma-Chl...  | 5.936  | 4.974 | 16925378 | 25569639 | 6.072   | 6.034     |
| 11)                         | B alpha-Chl...  | 6.016  | 5.037 | 17012344 | 23378637 | 6.101   | 5.584     |
| 12)                         | B 4,4'-DDE      | 6.189  | 5.226 | 15437744 | 21485486 | 6.341   | 5.359     |
| 13)                         | MA Dieldrin     | 6.340  | 5.357 | 16366669 | 21463960 | 5.896   | 4.997     |
| 14)                         | MA Endrin       | 6.571  | 5.633 | 14677742 | 25512703 | 6.260   | 6.909     |
| 15)                         | B Endosulfa...  | 6.791  | 5.927 | 17459682 | 19229422 | 7.247   | 5.192 #   |
| 16)                         | A 4,4'-DDD      | 6.706  | 5.781 | 16329118 | 16595408 | 8.592   | 5.257 #   |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.031 | 12596857 | 17167094 | 6.388   | 5.276     |
| 18)                         | B Endrin al...  | 6.921  | 6.107 | 10647713 | 14293142 | 5.477   | 4.695     |
| 19)                         | B Endosulfa...  | 7.155  | 6.330 | 13835584 | 18181788 | 6.112   | 5.099     |
| 20)                         | A Methoxychlor  | 7.496  | 6.606 | 7111729  | 10599761 | 6.816   | 5.928     |
| 21)                         | B Endrin ke...  | 7.640  | 6.835 | 15090850 | 19798820 | 5.982   | 4.719     |
| 22)                         | Mirex           | 8.112  | 7.015 | 12245448 | 16955653 | 5.880   | 5.014     |
| 23)                         | Chlordane-1     | 0.000  | 3.760 | 0        | 138062   | N.D.    | 1.106 #   |
| 24)                         | Chlordane-2     | 5.254f | 4.345 | 19110953 | 132899   | 163.229 | 0.906 #   |
| 25)                         | Chlordane-3     | 5.936  | 4.974 | 16925378 | 25569639 | 43.148  | 58.805 #  |
| 26)                         | Chlordane-4     | 6.016  | 5.037 | 17012344 | 23378637 | 36.188  | 55.181 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.927 | 0        | 19229422 | N.D.    | 125.549 # |
| -----                       |                 |        |       |          |          |         |           |

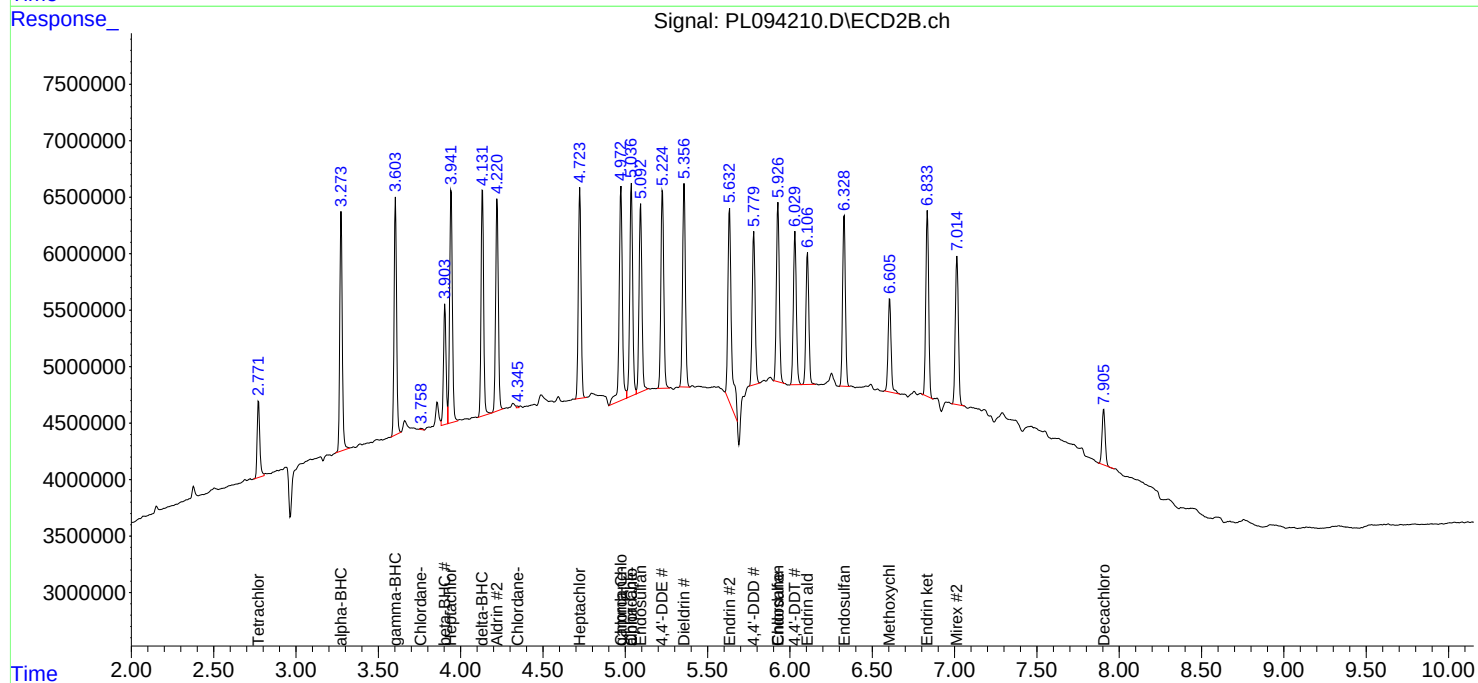
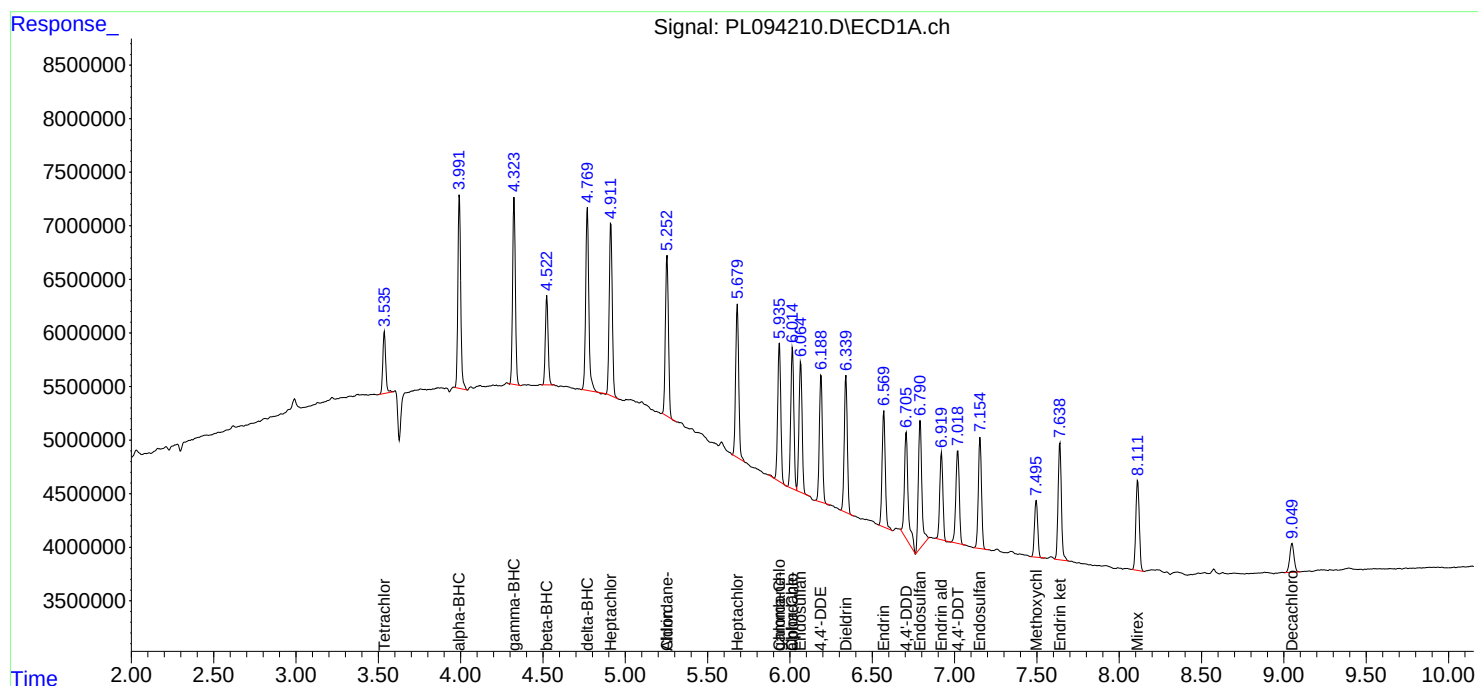
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

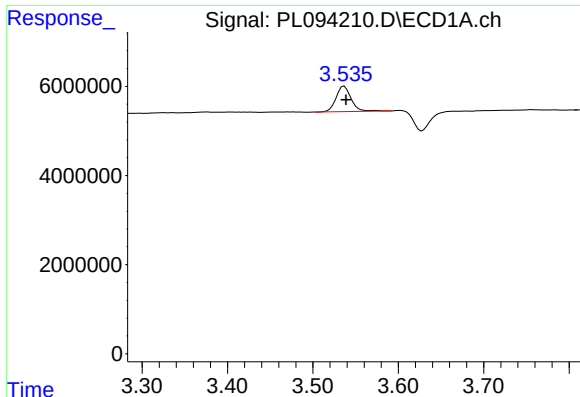
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
Data File : PL094210.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2025 18:38  
Operator : AR\AJ  
Sample : Q1366-01MSD 10X  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 15 02:24:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

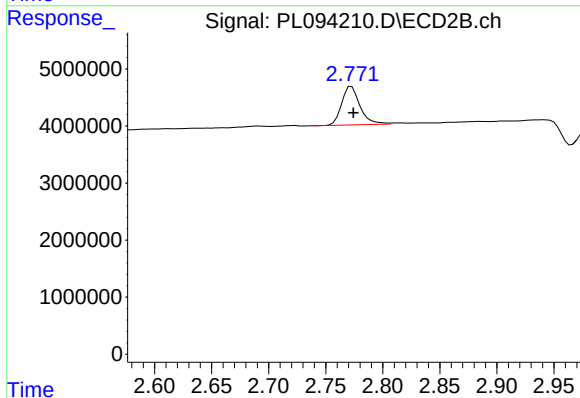




#1 Tetrachloro-m-xylene

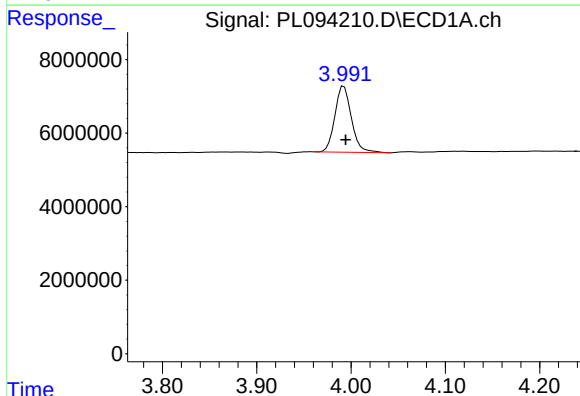
R.T.: 3.537 min  
Delta R.T.: -0.002 min  
Response: 6971975  
Conc: 2.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



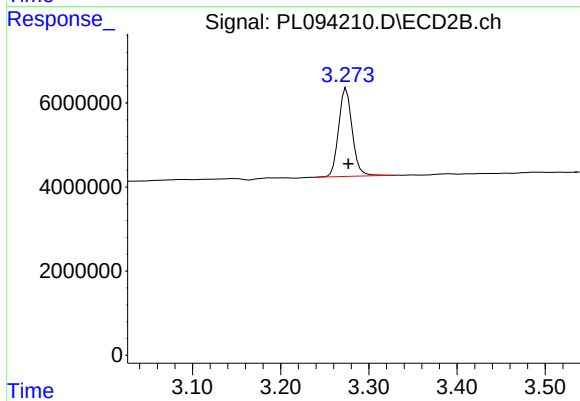
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.002 min  
Response: 7511024  
Conc: 2.30 ng/ml



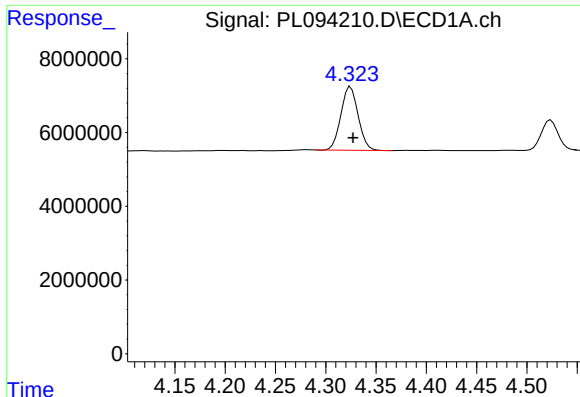
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.002 min  
Response: 21857614  
Conc: 5.70 ng/ml



#2 alpha-BHC

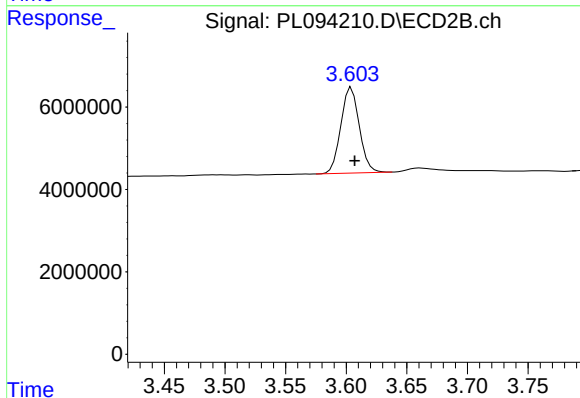
R.T.: 3.274 min  
Delta R.T.: -0.002 min  
Response: 22456538  
Conc: 4.59 ng/ml



#3 gamma-BHC (Lindane)

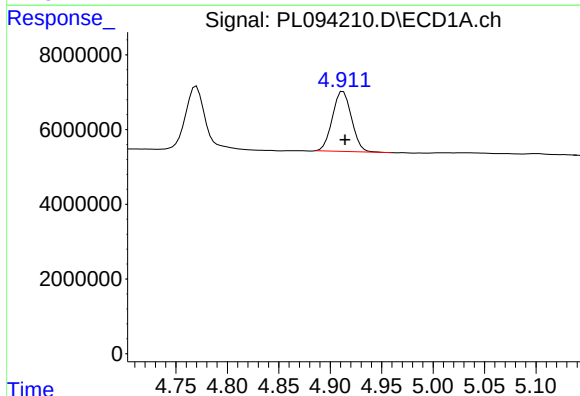
R.T.: 4.325 min  
Delta R.T.: -0.002 min  
Response: 20514579  
Conc: 5.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



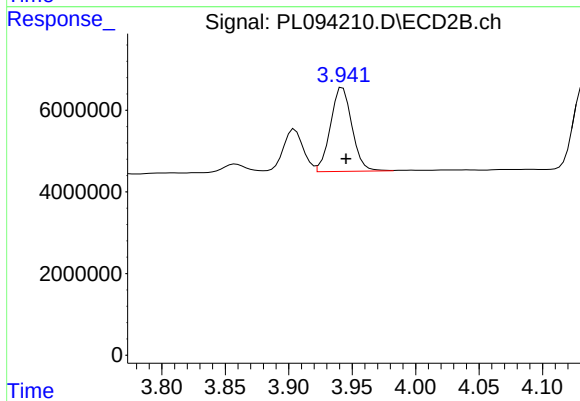
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: -0.003 min  
Response: 22004052  
Conc: 4.64 ng/ml



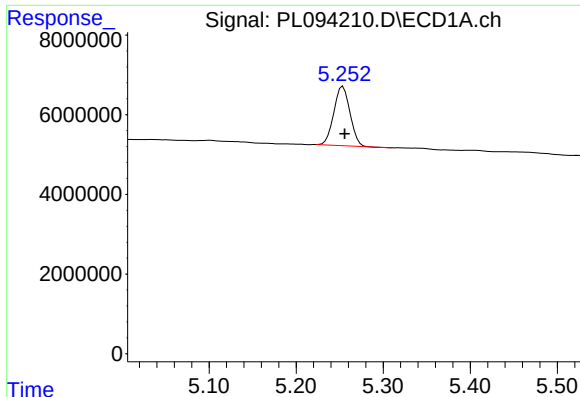
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: -0.002 min  
Response: 20766819  
Conc: 6.34 ng/ml



#4 Heptachlor

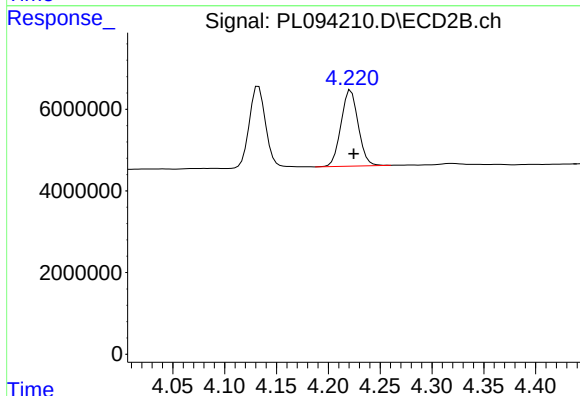
R.T.: 3.943 min  
Delta R.T.: -0.003 min  
Response: 24242694  
Conc: 5.21 ng/ml



#5 Aldrin

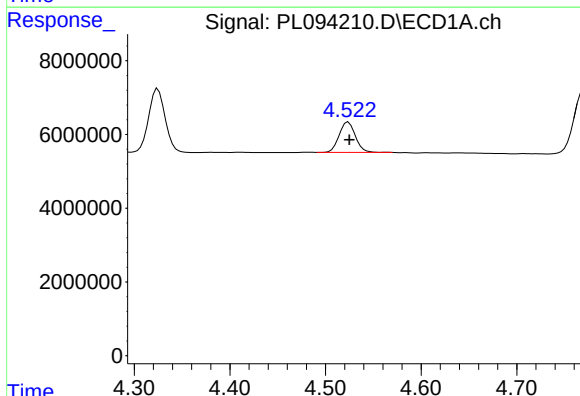
R.T.: 5.254 min  
Delta R.T.: -0.002 min  
Response: 19110953  
Conc: 5.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



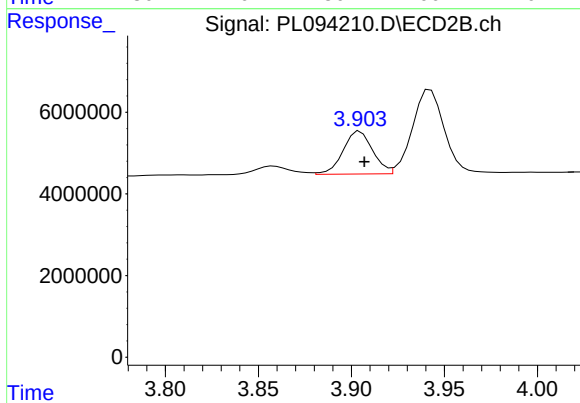
#5 Aldrin

R.T.: 4.222 min  
Delta R.T.: -0.003 min  
Response: 21451476  
Conc: 4.70 ng/ml



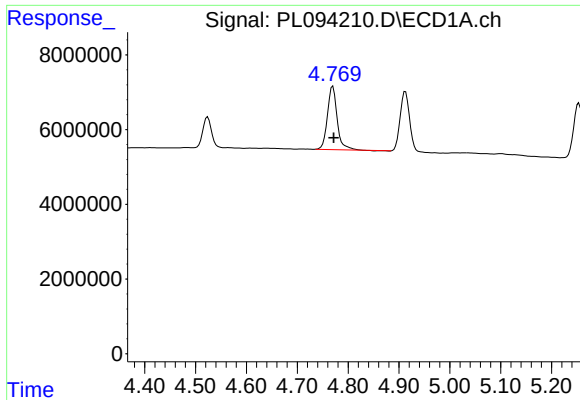
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: -0.001 min  
Response: 9708280  
Conc: 6.04 ng/ml



#6 beta-BHC

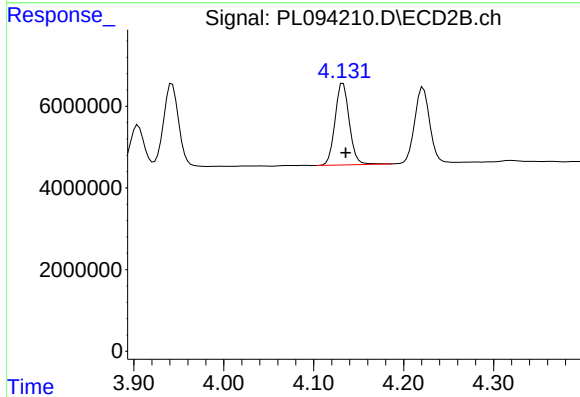
R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 11601330  
Conc: 5.81 ng/ml



#7 delta-BHC

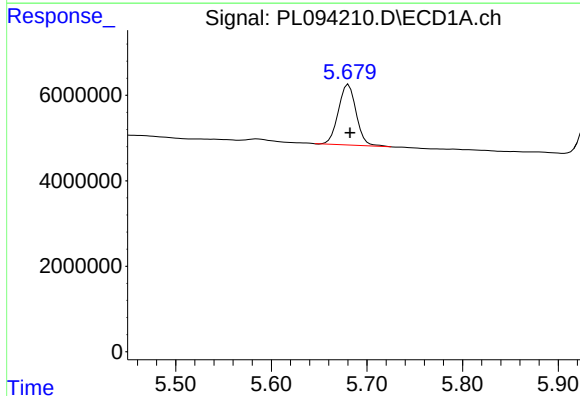
R.T.: 4.770 min  
Delta R.T.: -0.002 min  
Response: 22530329  
Conc: 6.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



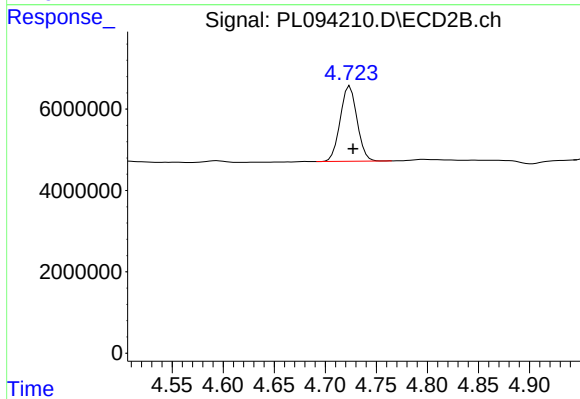
#7 delta-BHC

R.T.: 4.133 min  
Delta R.T.: -0.003 min  
Response: 22054977  
Conc: 4.64 ng/ml



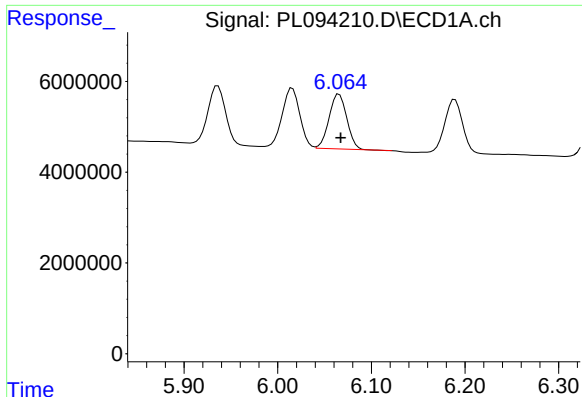
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: -0.002 min  
Response: 18345404  
Conc: 6.17 ng/ml



#8 Heptachlor epoxide

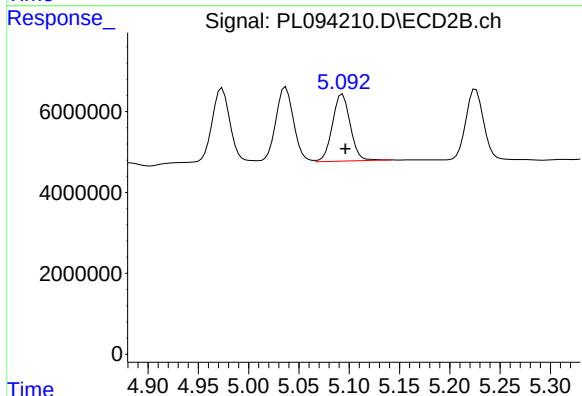
R.T.: 4.724 min  
Delta R.T.: -0.003 min  
Response: 21219873  
Conc: 5.08 ng/ml



#9 Endosulfan I

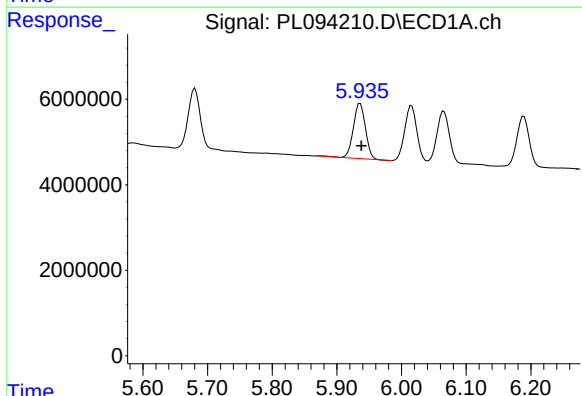
R.T.: 6.066 min  
Delta R.T.: -0.002 min  
Response: 15769096  
Conc: 5.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



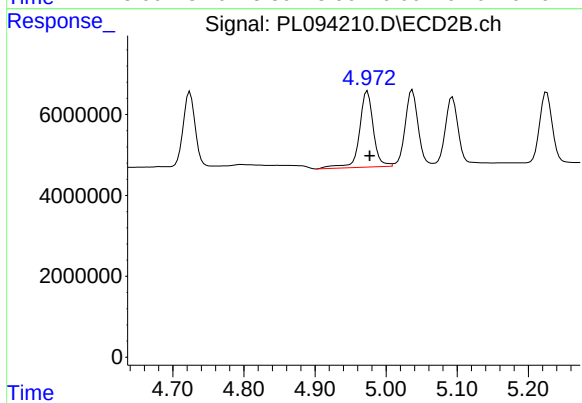
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: -0.003 min  
Response: 20464722  
Conc: 5.28 ng/ml



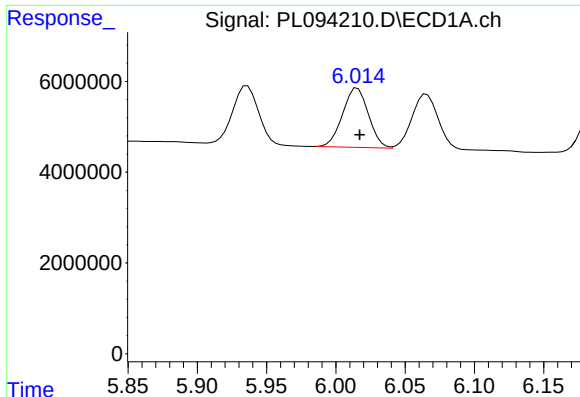
#10 gamma-Chlordane

R.T.: 5.936 min  
Delta R.T.: -0.002 min  
Response: 16925378  
Conc: 6.07 ng/ml



#10 gamma-Chlordane

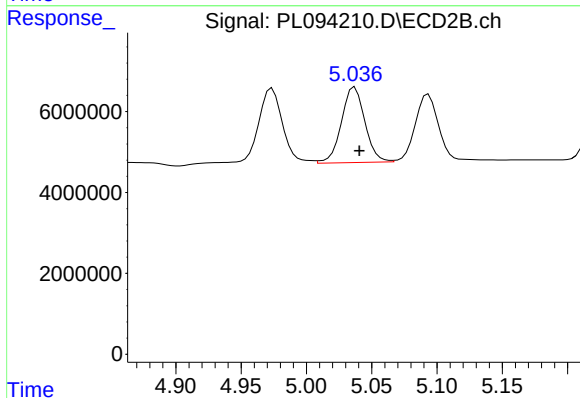
R.T.: 4.974 min  
Delta R.T.: -0.003 min  
Response: 25569639  
Conc: 6.03 ng/ml



#11 alpha-Chlordane

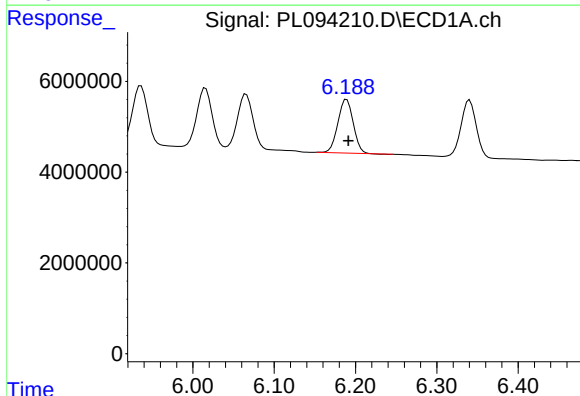
R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 17012344  
Conc: 6.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



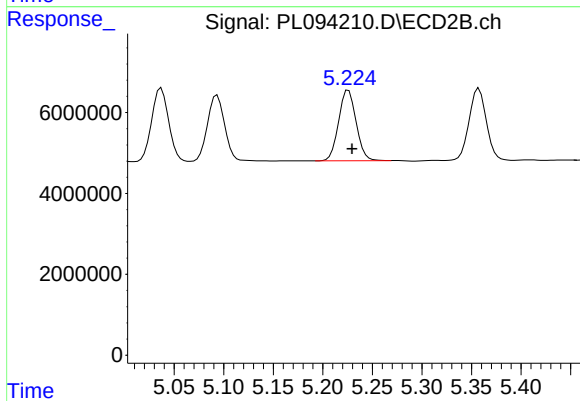
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: -0.003 min  
Response: 23378637  
Conc: 5.58 ng/ml



#12 4,4'-DDE

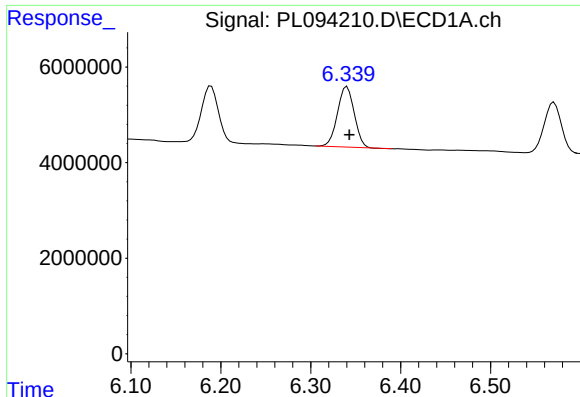
R.T.: 6.189 min  
Delta R.T.: -0.002 min  
Response: 15437744  
Conc: 6.34 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: -0.004 min  
Response: 21485486  
Conc: 5.36 ng/ml

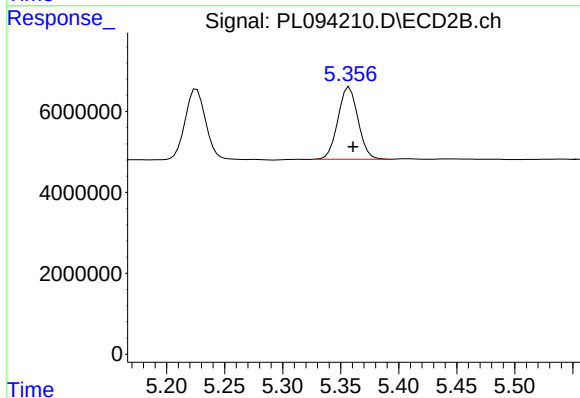




#13 Dieldrin

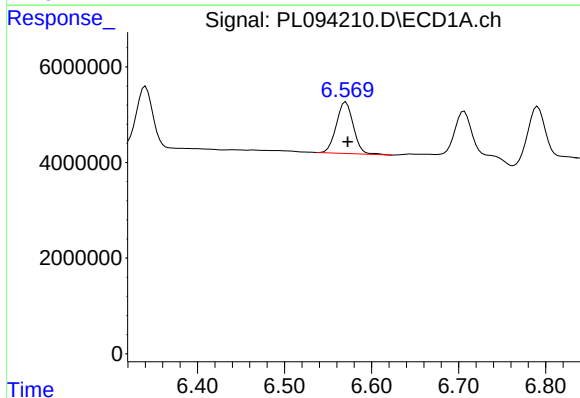
R.T.: 6.340 min  
Delta R.T.: -0.002 min  
Response: 16366669  
Conc: 5.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



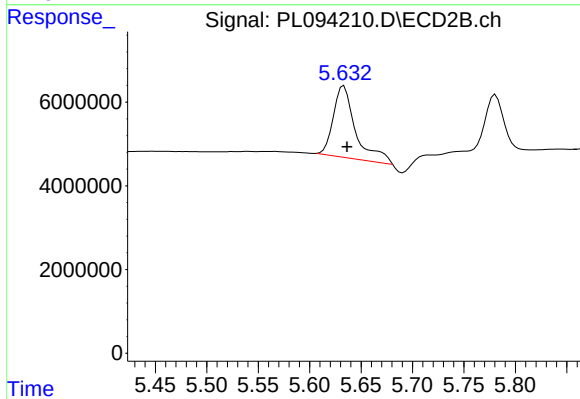
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: -0.003 min  
Response: 21463960  
Conc: 5.00 ng/ml



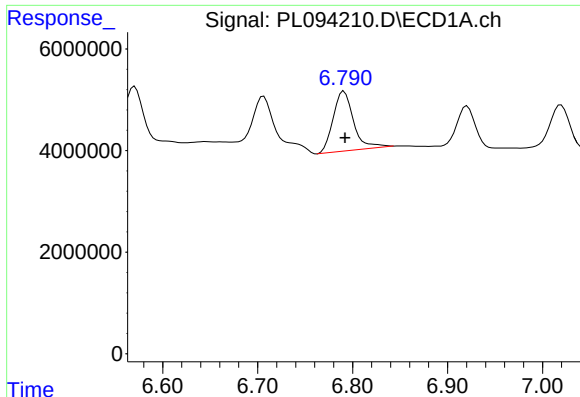
#14 Endrin

R.T.: 6.571 min  
Delta R.T.: -0.002 min  
Response: 14677742  
Conc: 6.26 ng/ml



#14 Endrin

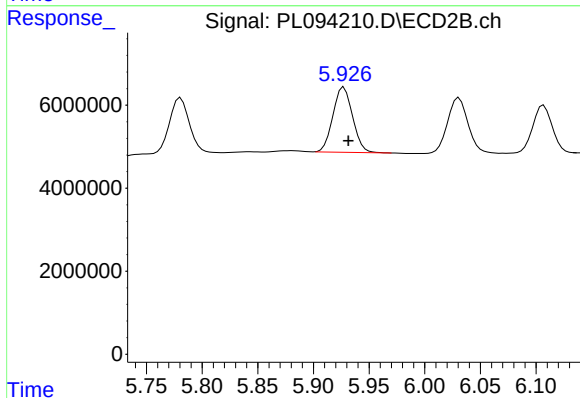
R.T.: 5.633 min  
Delta R.T.: -0.003 min  
Response: 25512703  
Conc: 6.91 ng/ml



#15 Endosulfan II

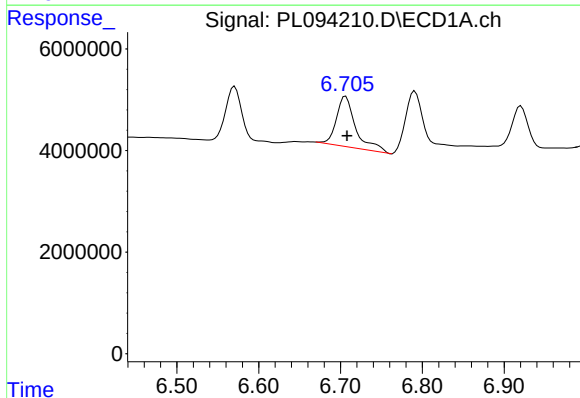
R.T.: 6.791 min  
Delta R.T.: -0.001 min  
Response: 17459682  
Conc: 7.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



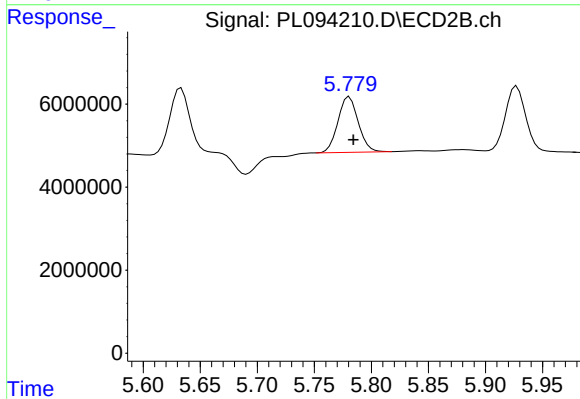
#15 Endosulfan II

R.T.: 5.927 min  
Delta R.T.: -0.004 min  
Response: 19229422  
Conc: 5.19 ng/ml



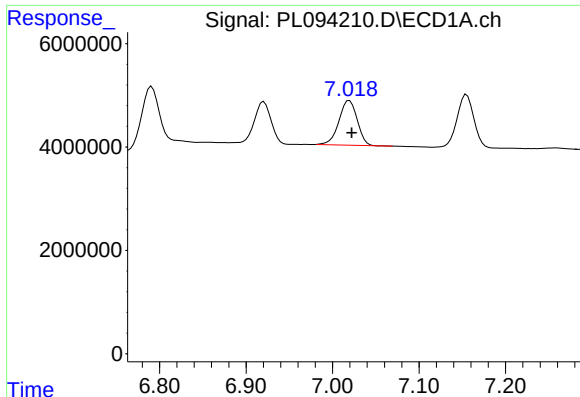
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: -0.002 min  
Response: 16329118  
Conc: 8.59 ng/ml



#16 4,4'-DDD

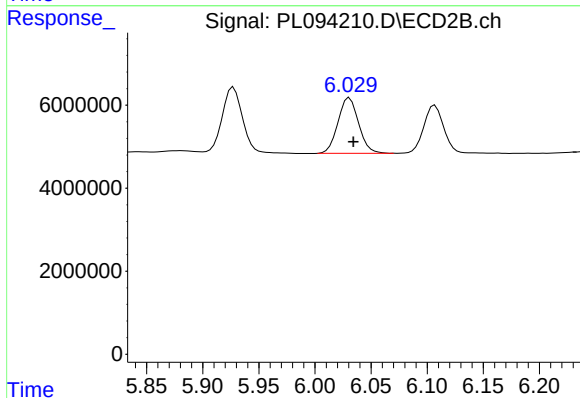
R.T.: 5.781 min  
Delta R.T.: -0.004 min  
Response: 16595408  
Conc: 5.26 ng/ml



#17 4,4'-DDT

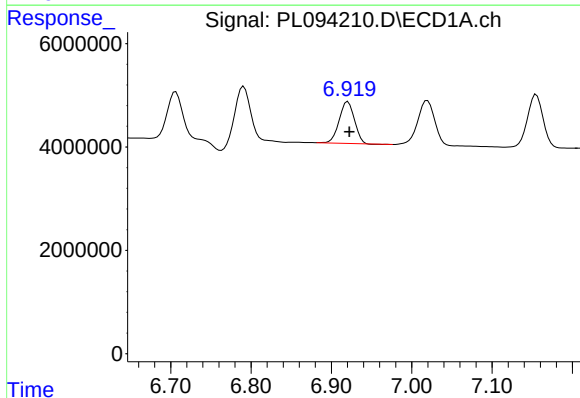
R.T.: 7.020 min  
Delta R.T.: -0.003 min  
Response: 12596857  
Conc: 6.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



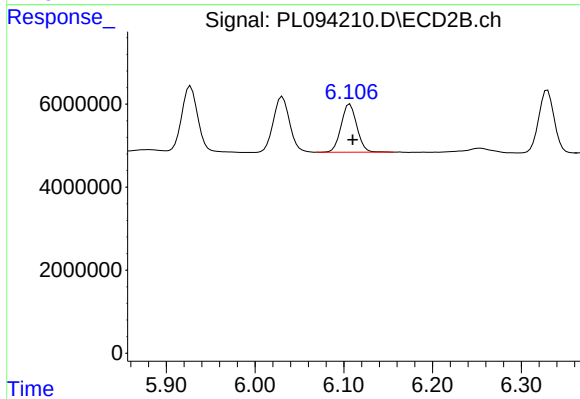
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 17167094  
Conc: 5.28 ng/ml



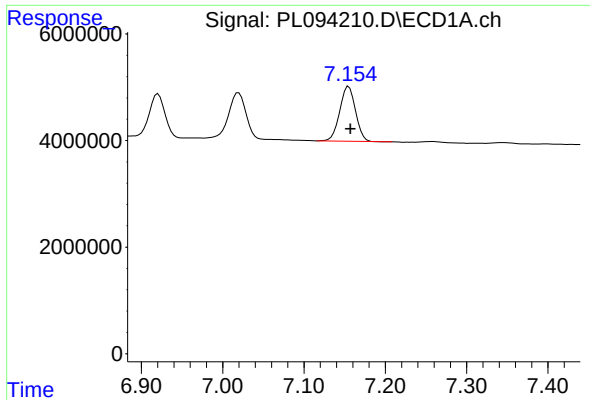
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 10647713  
Conc: 5.48 ng/ml



#18 Endrin aldehyde

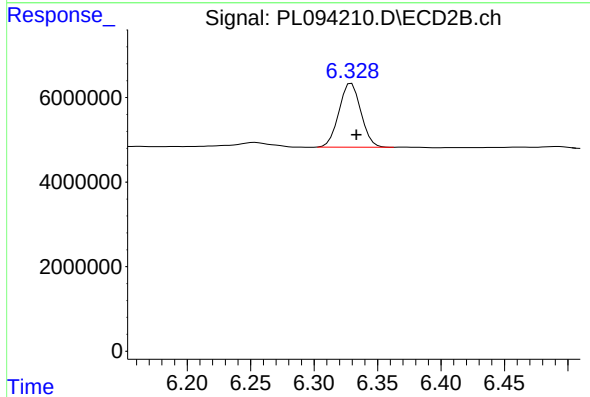
R.T.: 6.107 min  
Delta R.T.: -0.003 min  
Response: 14293142  
Conc: 4.69 ng/ml



#19 Endosulfan Sulfate

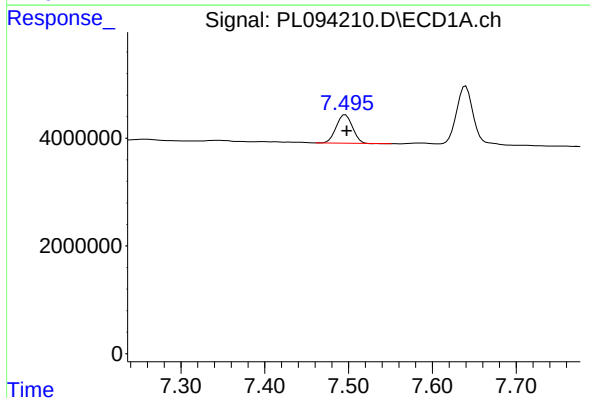
R.T.: 7.155 min  
Delta R.T.: -0.002 min  
Response: 13835584  
Conc: 6.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



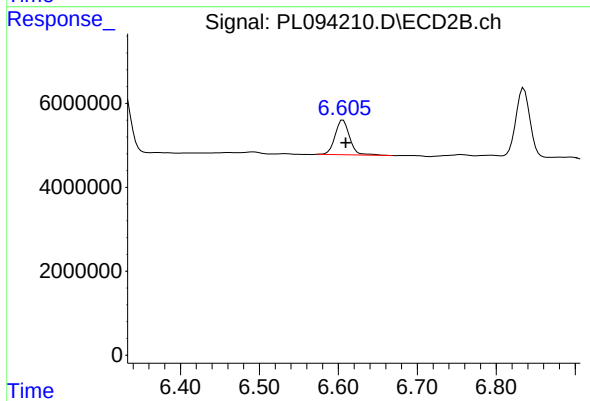
#19 Endosulfan Sulfate

R.T.: 6.330 min  
Delta R.T.: -0.004 min  
Response: 18181788  
Conc: 5.10 ng/ml



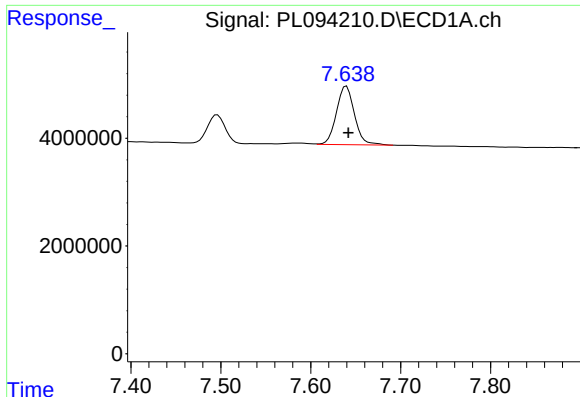
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: -0.002 min  
Response: 7111729  
Conc: 6.82 ng/ml



#20 Methoxychlor

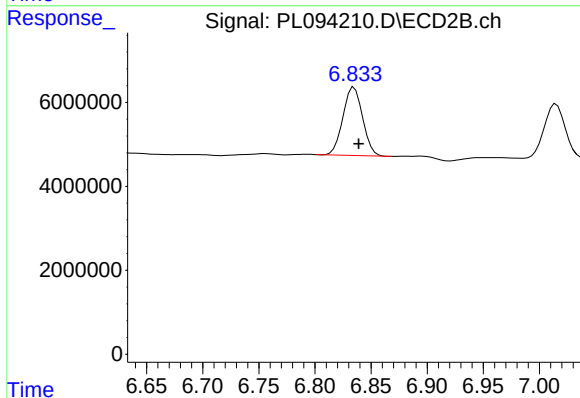
R.T.: 6.606 min  
Delta R.T.: -0.003 min  
Response: 10599761  
Conc: 5.93 ng/ml



#21 Endrin ketone

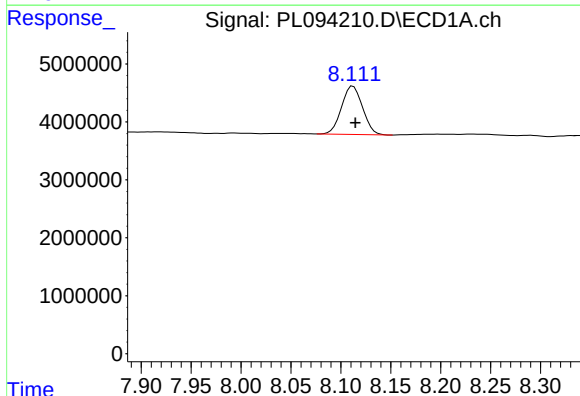
R.T.: 7.640 min  
Delta R.T.: -0.002 min  
Response: 15090850  
Conc: 5.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



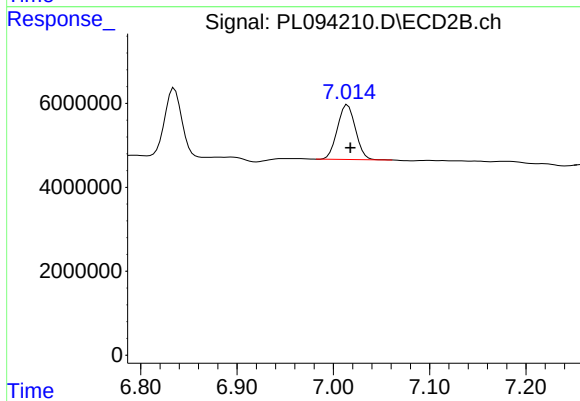
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: -0.004 min  
Response: 19798820  
Conc: 4.72 ng/ml



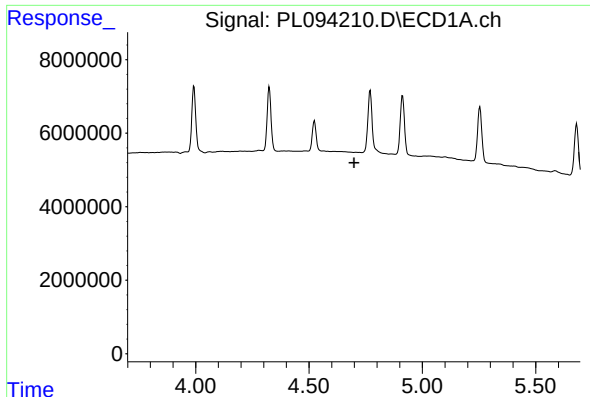
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: -0.002 min  
Response: 12245448  
Conc: 5.88 ng/ml



#22 Mirex

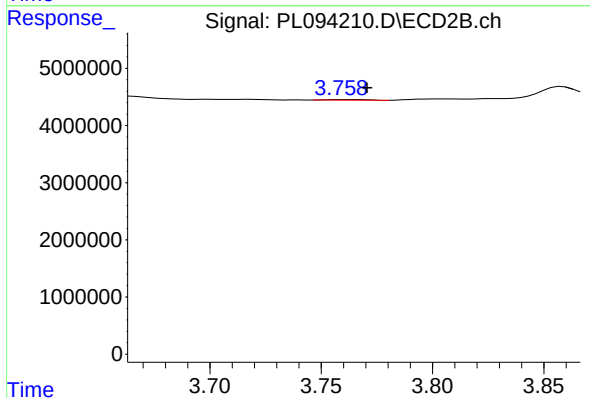
R.T.: 7.015 min  
Delta R.T.: -0.003 min  
Response: 16955653  
Conc: 5.01 ng/ml



#23 Chlordane-1

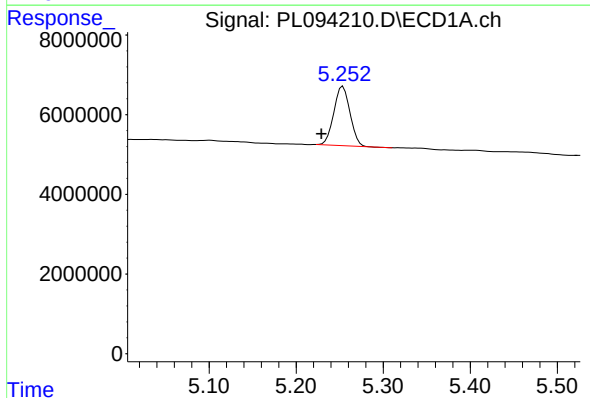
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



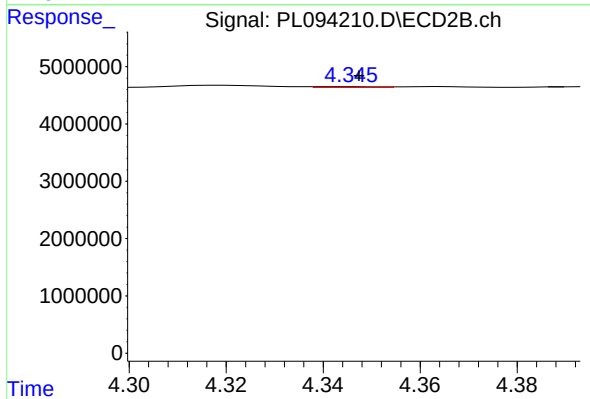
#23 Chlordane-1

R.T.: 3.760 min  
Delta R.T.: -0.011 min  
Response: 138062  
Conc: 1.11 ng/ml



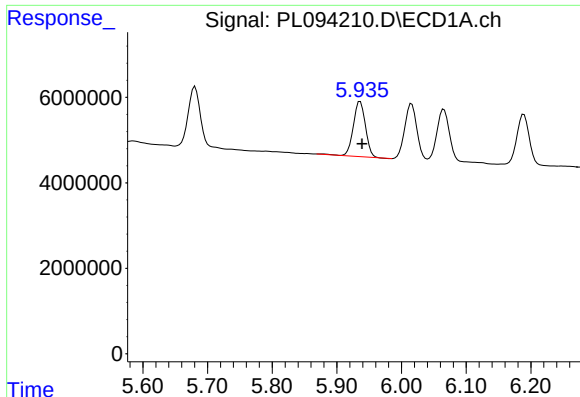
#24 Chlordane-2

R.T.: 5.254 min  
Delta R.T.: 0.025 min  
Response: 19110953  
Conc: 163.23 ng/ml



#24 Chlordane-2

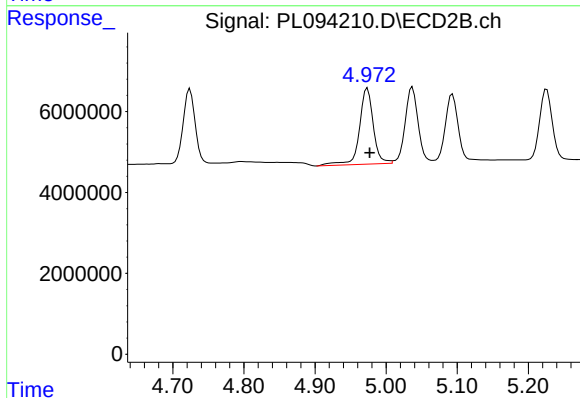
R.T.: 4.345 min  
Delta R.T.: -0.002 min  
Response: 132899  
Conc: 0.91 ng/ml



#25 Chlordane-3

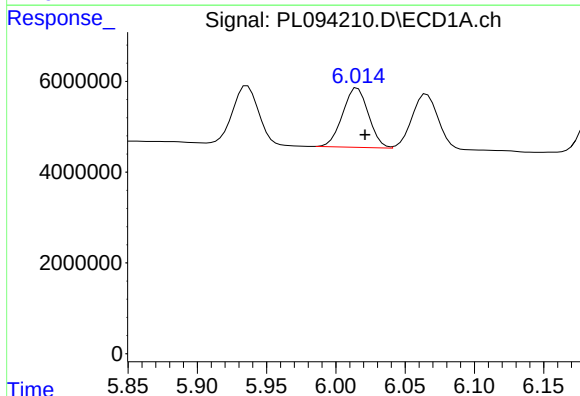
R.T.: 5.936 min  
Delta R.T.: -0.003 min  
Response: 16925378  
Conc: 43.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



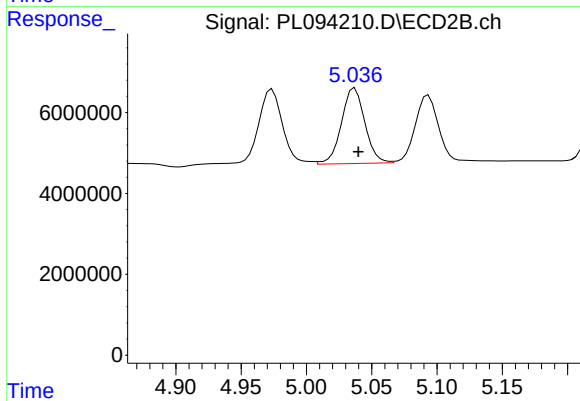
#25 Chlordane-3

R.T.: 4.974 min  
Delta R.T.: -0.003 min  
Response: 25569639  
Conc: 58.80 ng/ml



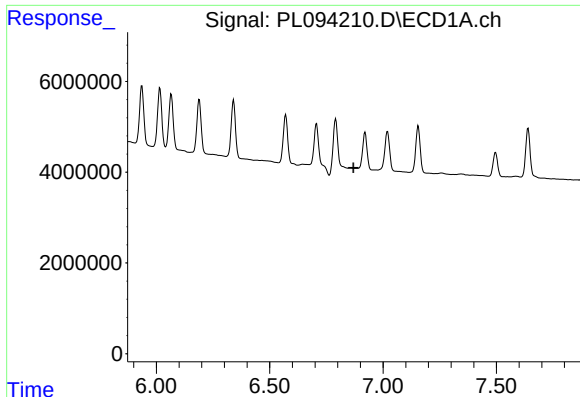
#26 Chlordane-4

R.T.: 6.016 min  
Delta R.T.: -0.005 min  
Response: 17012344  
Conc: 36.19 ng/ml



#26 Chlordane-4

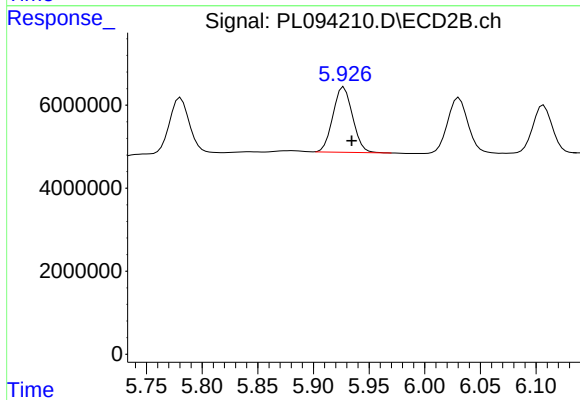
R.T.: 5.037 min  
Delta R.T.: -0.003 min  
Response: 23378637  
Conc: 55.18 ng/ml



#27 Chlordane-5

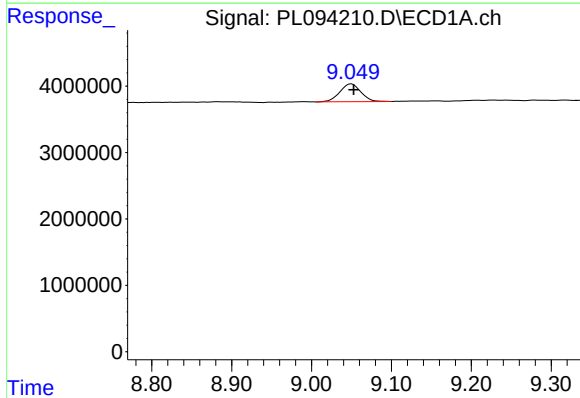
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



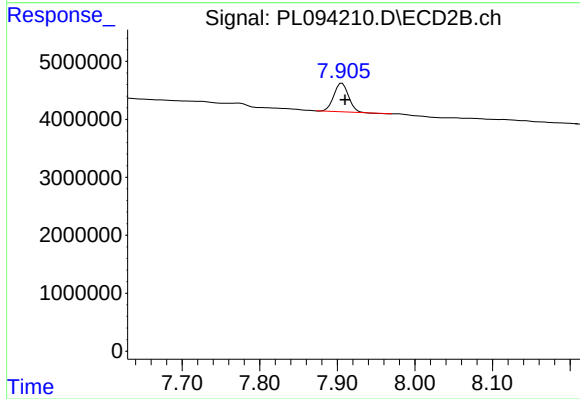
#27 Chlordane-5

R.T.: 5.927 min  
Delta R.T.: -0.007 min  
Response: 19229422  
Conc: 125.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.050 min  
Delta R.T.: -0.003 min  
Response: 4870564  
Conc: 2.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.906 min  
Delta R.T.: -0.004 min  
Response: 6541508  
Conc: 1.87 ng/ml