

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032125\  
 Data File : PL094796.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Mar 2025 16:47  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

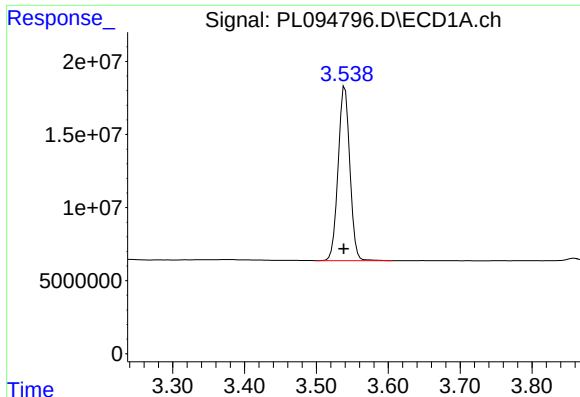
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 23:24:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 11 17:42:21 2025  
 Response via : Initial Calibration  
 Integrator: 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... | 3.540  | 2.770 | 134.7E6  | 191.4E6 | 47.572   | 53.614     |
| 28)                         | SA Decachlor... | 9.059  | 7.907 | 109.8E6  | 183.2E6 | 52.100   | 45.359     |
| Target Compounds            |                 |        |       |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.996  | 3.273 | 196.1E6  | 292.1E6 | 47.234   | 54.184     |
| 3)                          | MA gamma-BHC... | 4.329  | 3.602 | 187.4E6  | 276.7E6 | 46.968   | 53.829     |
| 4)                          | MA Heptachlor   | 4.917  | 3.941 | 174.0E6  | 273.3E6 | 44.817   | 51.874     |
| 5)                          | MB Aldrin       | 5.259  | 4.220 | 164.1E6  | 257.8E6 | 44.442   | 52.859     |
| 6)                          | B beta-BHC      | 4.528  | 3.903 | 84720467 | 119.8E6 | 45.914   | 53.924     |
| 7)                          | B delta-BHC     | 4.775  | 4.132 | 186.0E6  | 276.4E6 | 47.763   | 55.249     |
| 8)                          | B Heptachlo...  | 5.686  | 4.723 | 150.8E6  | 237.8E6 | 45.085   | 51.928     |
| 9)                          | A Endosulfan I  | 6.072  | 5.093 | 141.9E6  | 220.9E6 | 46.206   | 50.336     |
| 10)                         | B gamma-Chl...  | 5.942  | 4.973 | 153.9E6  | 247.9E6 | 45.679   | 51.351     |
| 11)                         | B alpha-Chl...  | 6.021  | 5.037 | 151.4E6  | 243.4E6 | 45.909   | 51.003     |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.226 | 149.4E6  | 253.5E6 | 50.788   | 54.541     |
| 13)                         | MA Dieldrin     | 6.347  | 5.357 | 148.4E6  | 256.5E6 | 46.409   | 52.867     |
| 14)                         | MA Endrin       | 6.577  | 5.633 | 120.3E6  | 219.5E6 | 43.410   | 50.303     |
| 15)                         | B Endosulfa...  | 6.797  | 5.929 | 127.5E6  | 215.1E6 | 46.974   | 49.694     |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.781 | 113.5E6  | 198.1E6 | 52.421   | 55.092     |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.031 | 117.1E6  | 208.0E6 | 49.222   | 51.591     |
| 18)                         | B Endrin al...  | 6.927  | 6.108 | 97583609 | 159.0E6 | 46.226   | 47.232     |
| 19)                         | B Endosulfa...  | 7.162  | 6.331 | 114.5E6  | 202.5E6 | 47.094   | 49.715     |
| 20)                         | A Methoxychlor  | 7.503  | 6.606 | 61642504 | 111.8E6 | 51.494   | 52.717     |
| 21)                         | B Endrin ke...  | 7.647  | 6.836 | 130.2E6  | 237.1E6 | 49.274   | 49.686     |
| 22)                         | Mirex           | 8.119  | 7.015 | 93345044 | 176.1E6 | 45.175   | 46.407     |
| 24)                         | Chlordane-2     | 5.259f | 0.000 | 164.1E6  | 0       | 1084.484 | N.D. #     |
| 25)                         | Chlordane-3     | 5.942  | 4.973 | 153.9E6  | 247.9E6 | 307.931  | 466.060 #  |
| 26)                         | Chlordane-4     | 6.021  | 5.037 | 151.4E6  | 243.4E6 | 256.927  | 467.626 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.929 | 0        | 215.1E6 | N.D.     | 1121.201 # |
| -----                       |                 |        |       |          |         |          |            |

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

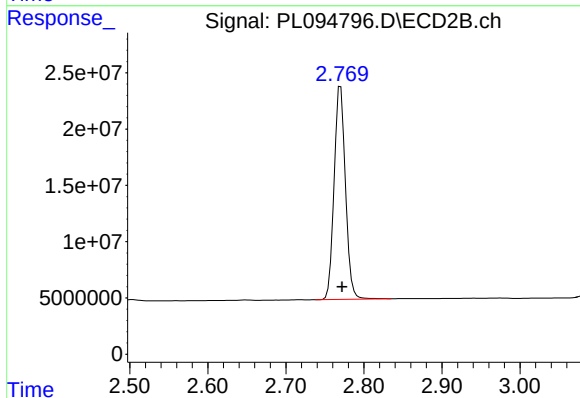




#1 Tetrachloro-m-xylene

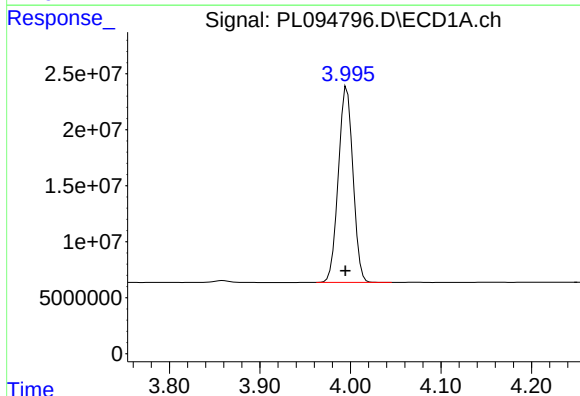
R.T.: 3.540 min  
Delta R.T.: 0.002 min  
Response: 134659717  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



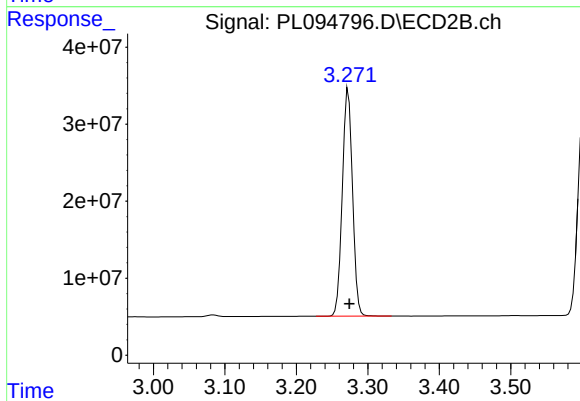
#1 Tetrachloro-m-xylene

R.T.: 2.770 min  
Delta R.T.: -0.002 min  
Response: 191363702  
Conc: 53.61 ng/ml



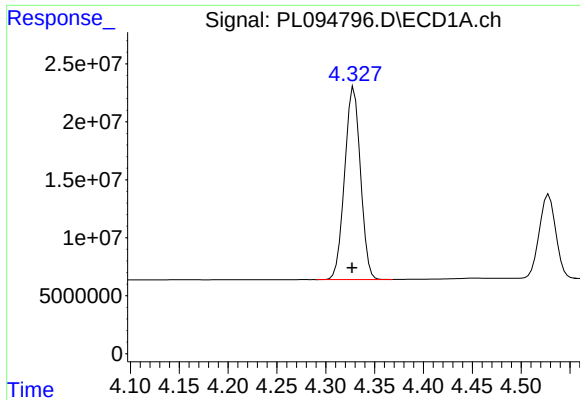
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.002 min  
Response: 196131643  
Conc: 47.23 ng/ml



#2 alpha-BHC

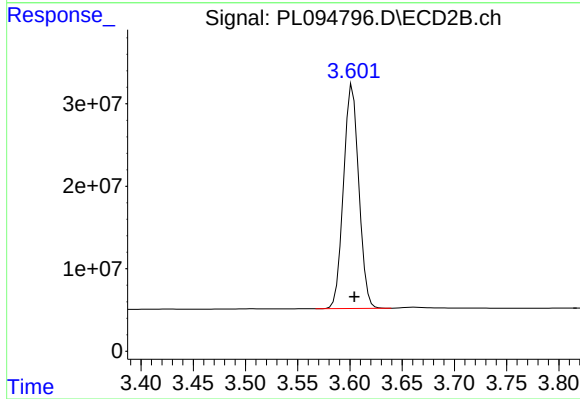
R.T.: 3.273 min  
Delta R.T.: -0.002 min  
Response: 292124557  
Conc: 54.18 ng/ml



#3 gamma-BHC (Lindane)

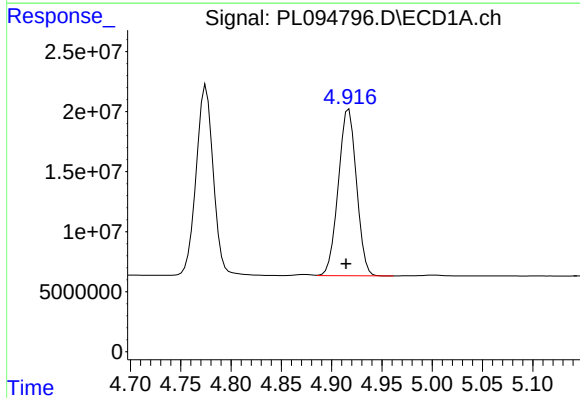
R.T.: 4.329 min  
Delta R.T.: 0.002 min  
Response: 187416122  
Conc: 46.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



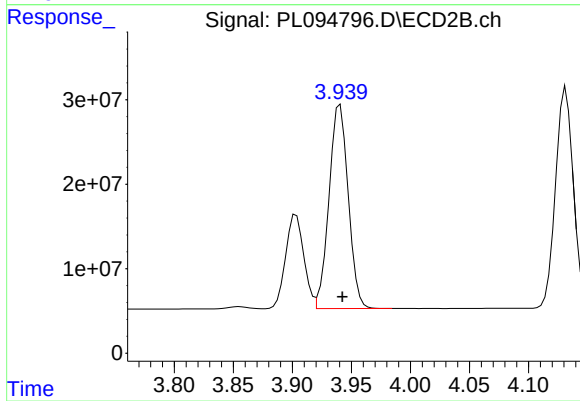
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: -0.002 min  
Response: 276653596  
Conc: 53.83 ng/ml



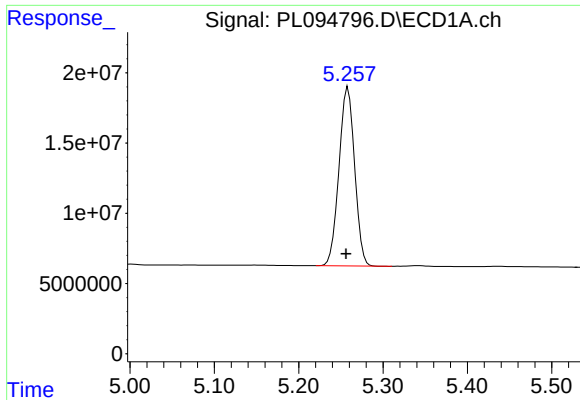
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: 0.003 min  
Response: 173964143  
Conc: 44.82 ng/ml



#4 Heptachlor

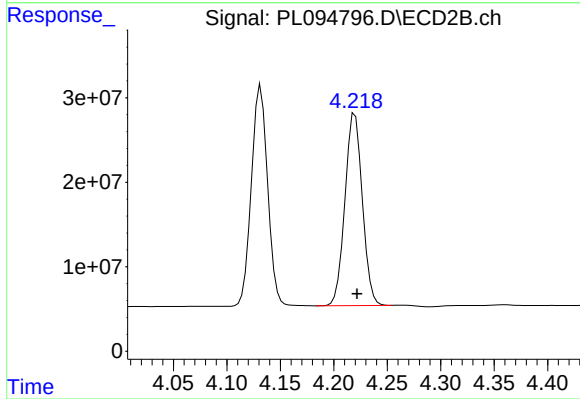
R.T.: 3.941 min  
Delta R.T.: -0.002 min  
Response: 273304891  
Conc: 51.87 ng/ml



#5 Aldrin

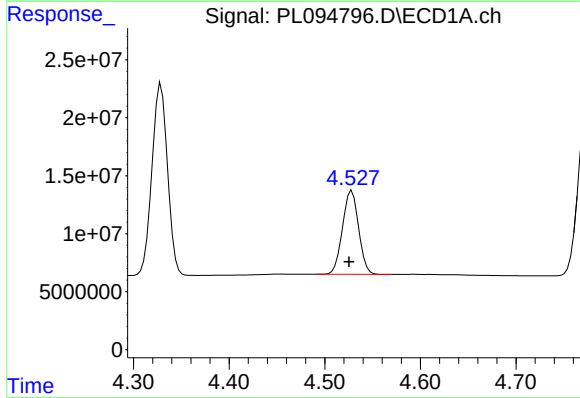
R.T.: 5.259 min  
Delta R.T.: 0.002 min  
Response: 164088084  
Conc: 44.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



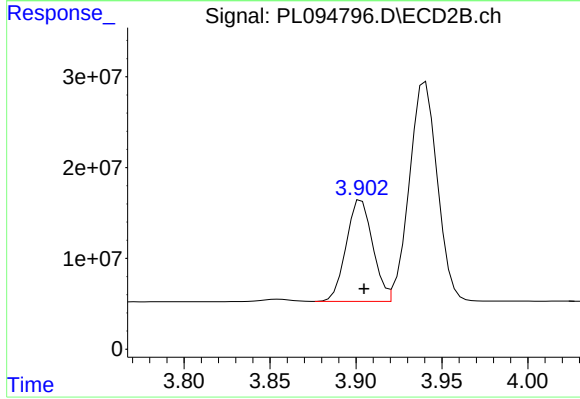
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: -0.002 min  
Response: 257760268  
Conc: 52.86 ng/ml



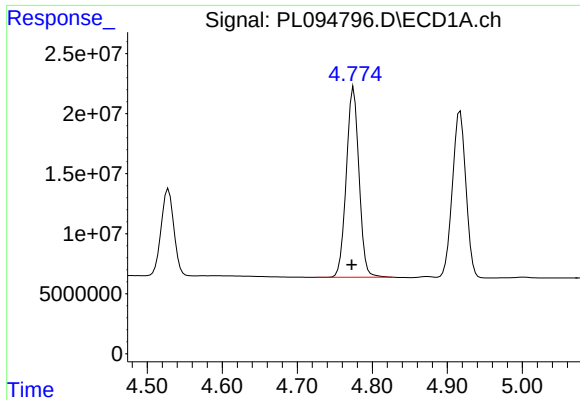
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.003 min  
Response: 84720467  
Conc: 45.91 ng/ml



#6 beta-BHC

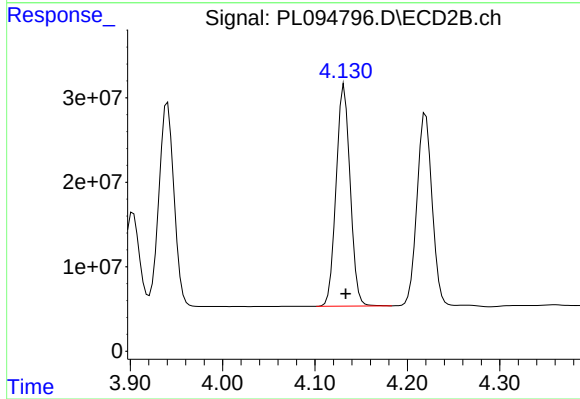
R.T.: 3.903 min  
Delta R.T.: -0.001 min  
Response: 119781327  
Conc: 53.92 ng/ml



#7 delta-BHC

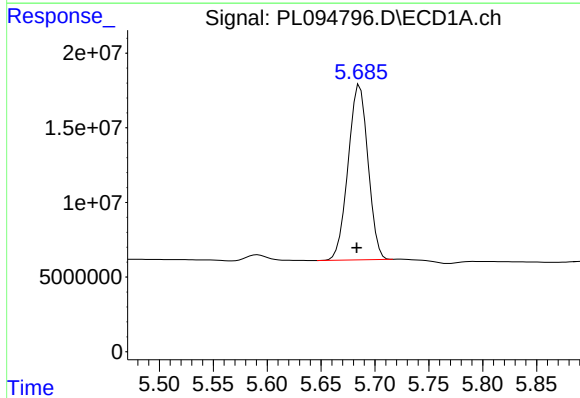
R.T.: 4.775 min  
Delta R.T.: 0.002 min  
Response: 186003257  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



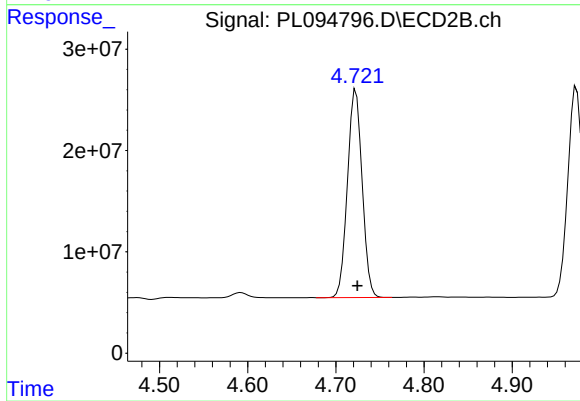
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: -0.002 min  
Response: 276355180  
Conc: 55.25 ng/ml



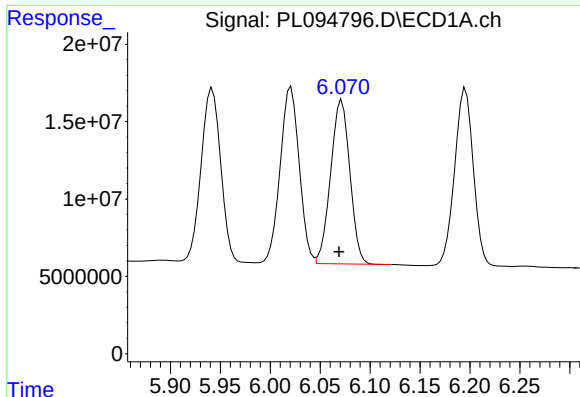
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: 0.003 min  
Response: 150818083  
Conc: 45.08 ng/ml



#8 Heptachlor epoxide

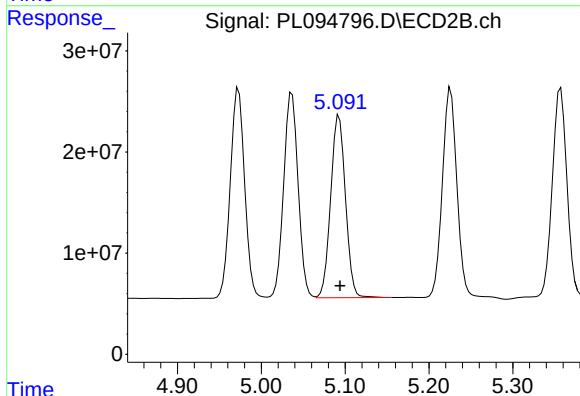
R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 237754480  
Conc: 51.93 ng/ml



#9 Endosulfan I

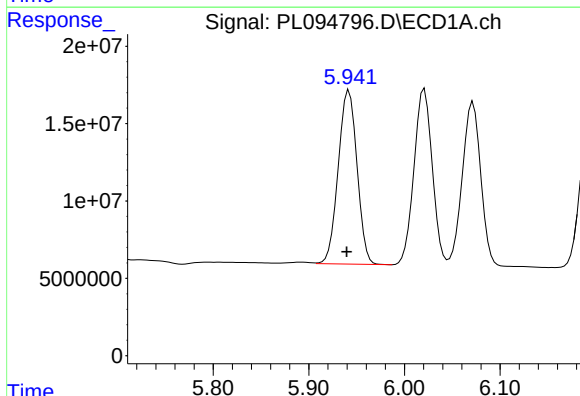
R.T.: 6.072 min  
Delta R.T.: 0.003 min  
Response: 141861674  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



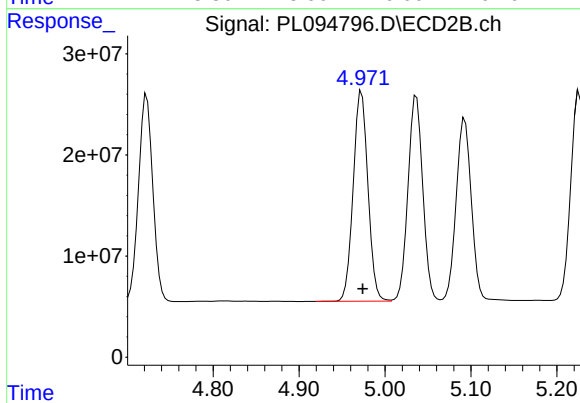
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: -0.001 min  
Response: 220912521  
Conc: 50.34 ng/ml



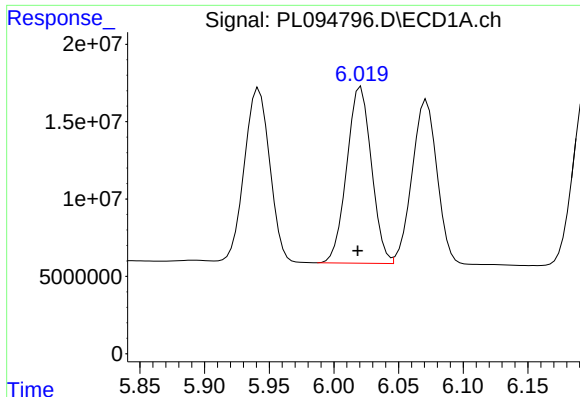
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.002 min  
Response: 153910031  
Conc: 45.68 ng/ml



#10 gamma-Chlordane

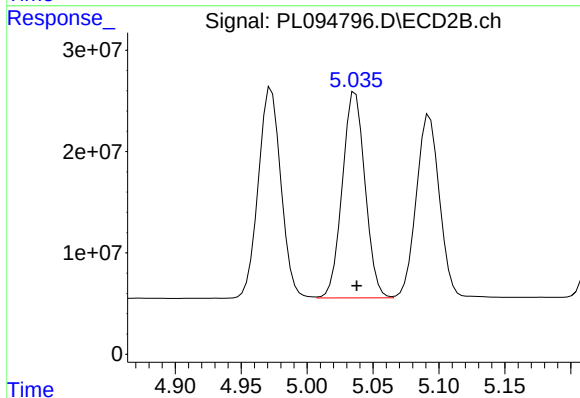
R.T.: 4.973 min  
Delta R.T.: -0.001 min  
Response: 247943046  
Conc: 51.35 ng/ml



#11 alpha-Chlordane

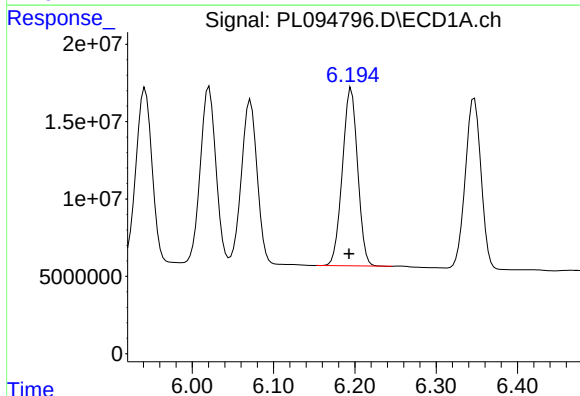
R.T.: 6.021 min  
Delta R.T.: 0.002 min  
Response: 151353769  
Conc: 45.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



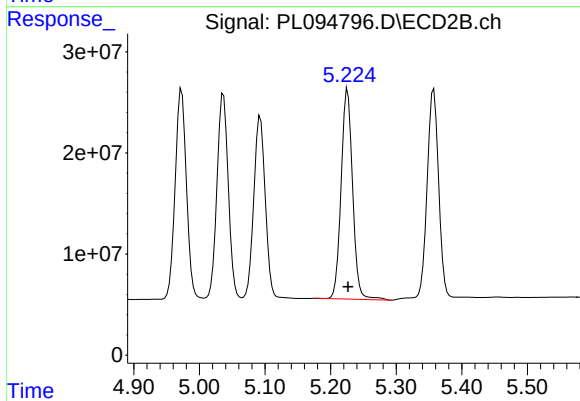
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: -0.001 min  
Response: 243427318  
Conc: 51.00 ng/ml



#12 4,4'-DDE

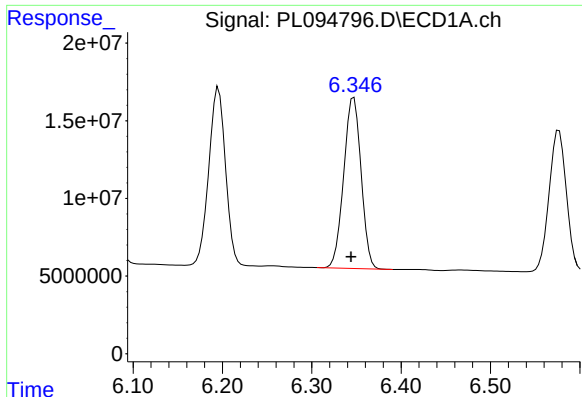
R.T.: 6.196 min  
Delta R.T.: 0.003 min  
Response: 149421095  
Conc: 50.79 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 253535551  
Conc: 54.54 ng/ml

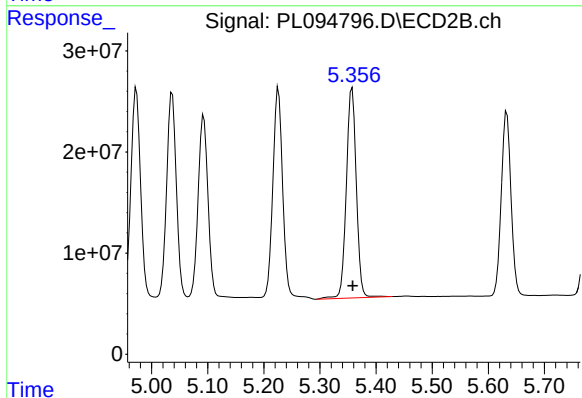




#13 Dieldrin

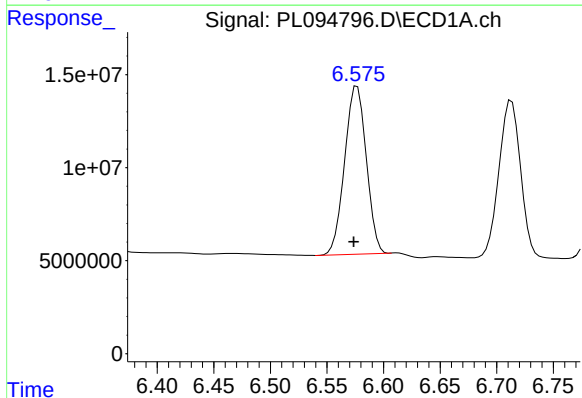
R.T.: 6.347 min  
Delta R.T.: 0.003 min  
Response: 148423406  
Conc: 46.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



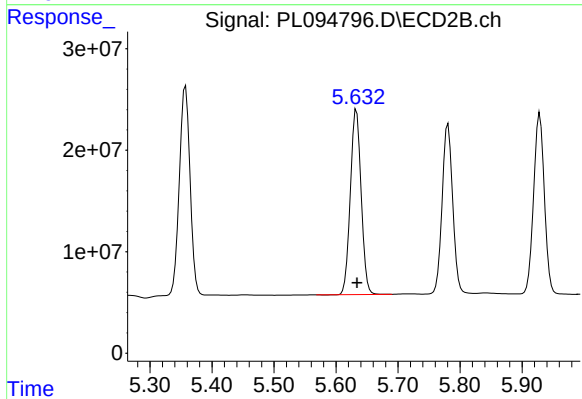
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: 0.000 min  
Response: 256500107  
Conc: 52.87 ng/ml



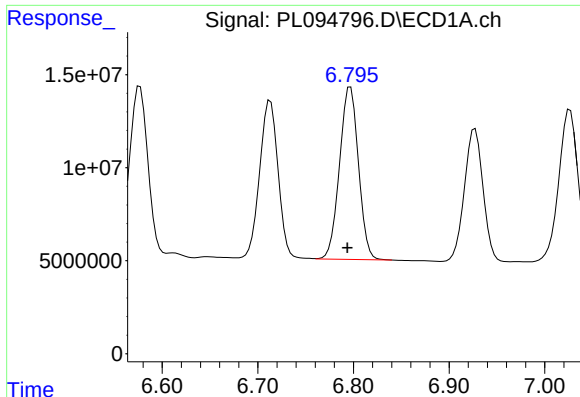
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.003 min  
Response: 120335910  
Conc: 43.41 ng/ml



#14 Endrin

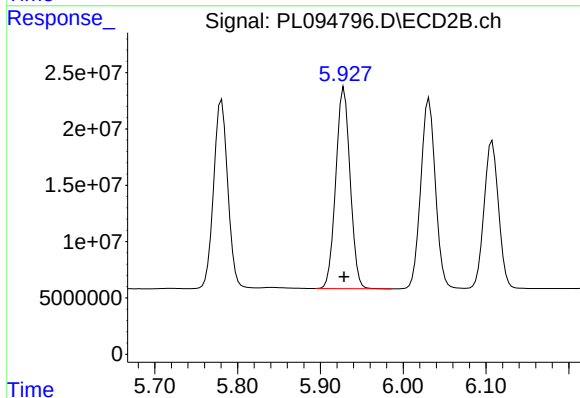
R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 219504225  
Conc: 50.30 ng/ml



#15 Endosulfan II

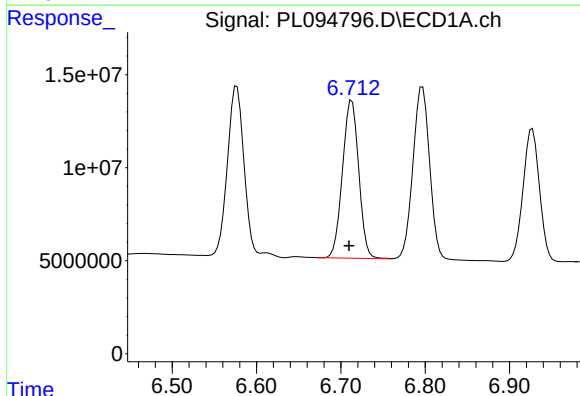
R.T.: 6.797 min  
Delta R.T.: 0.003 min  
Response: 127523532  
Conc: 46.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



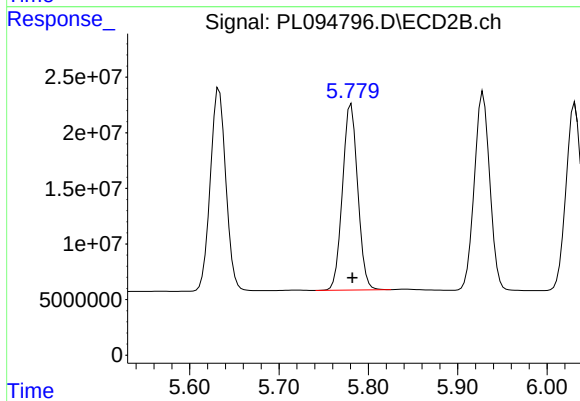
#15 Endosulfan II

R.T.: 5.929 min  
Delta R.T.: 0.000 min  
Response: 215086872  
Conc: 49.69 ng/ml



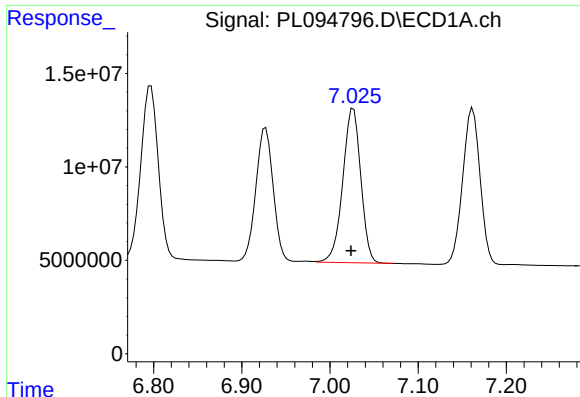
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.003 min  
Response: 113547577  
Conc: 52.42 ng/ml



#16 4,4'-DDD

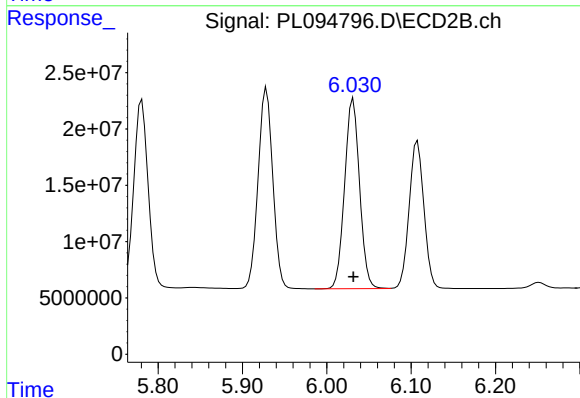
R.T.: 5.781 min  
Delta R.T.: -0.001 min  
Response: 198104710  
Conc: 55.09 ng/ml



#17 4,4'-DDT

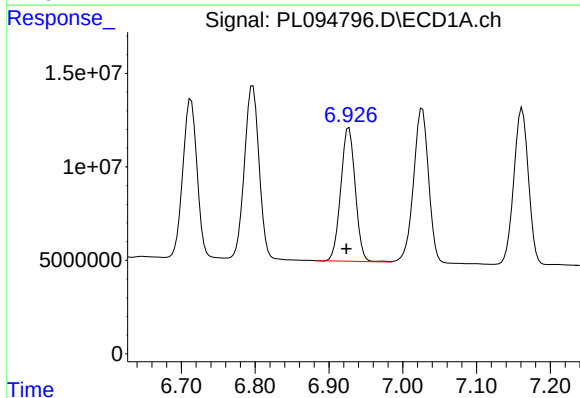
R.T.: 7.027 min  
Delta R.T.: 0.003 min  
Response: 117075478  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



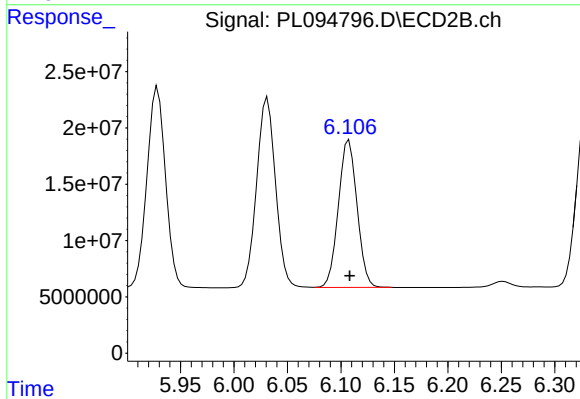
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: 0.000 min  
Response: 208022117  
Conc: 51.59 ng/ml



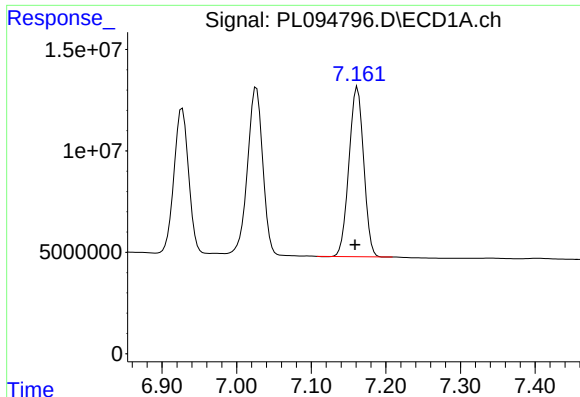
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.003 min  
Response: 97583609  
Conc: 46.23 ng/ml



#18 Endrin aldehyde

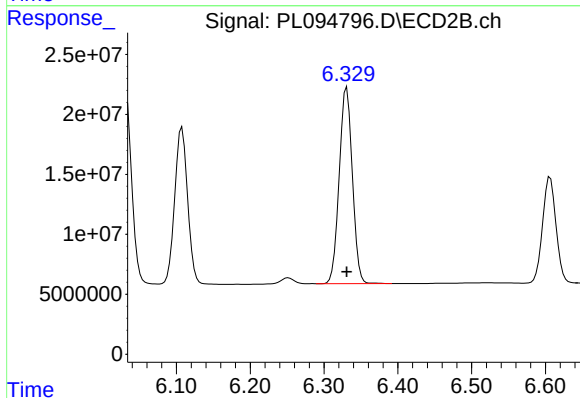
R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 158952549  
Conc: 47.23 ng/ml



#19 Endosulfan Sulfate

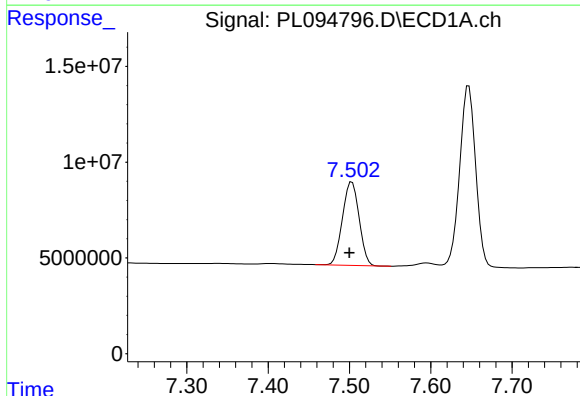
R.T.: 7.162 min  
Delta R.T.: 0.003 min  
Response: 114533018  
Conc: 47.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



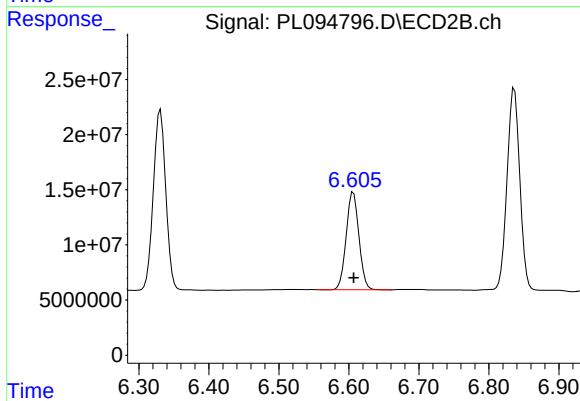
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 202512831  
Conc: 49.72 ng/ml



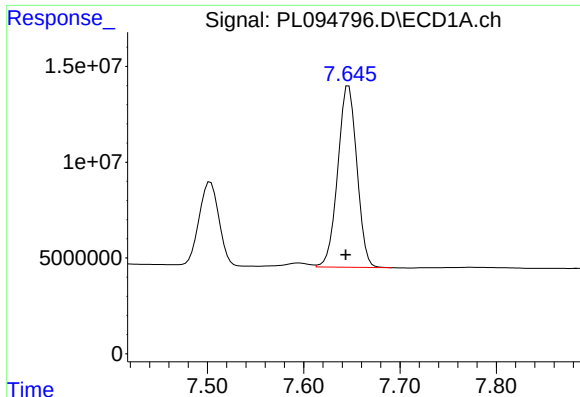
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.003 min  
Response: 61642504  
Conc: 51.49 ng/ml



#20 Methoxychlor

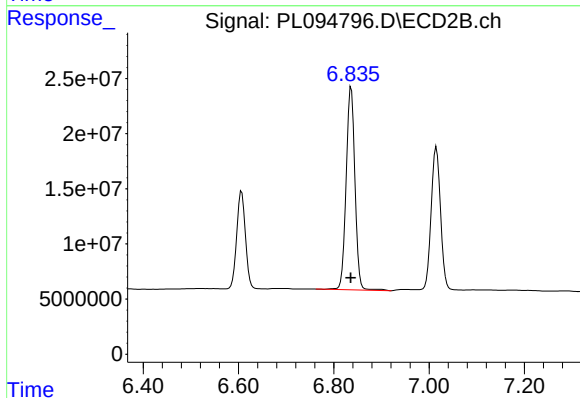
R.T.: 6.606 min  
Delta R.T.: 0.000 min  
Response: 111817263  
Conc: 52.72 ng/ml



#21 Endrin ketone

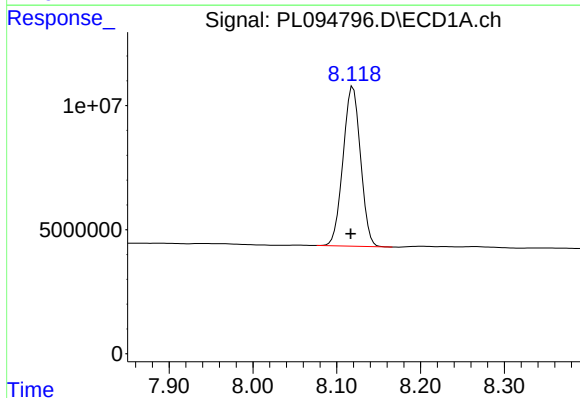
R.T.: 7.647 min  
Delta R.T.: 0.003 min  
Response: 130244277  
Conc: 49.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



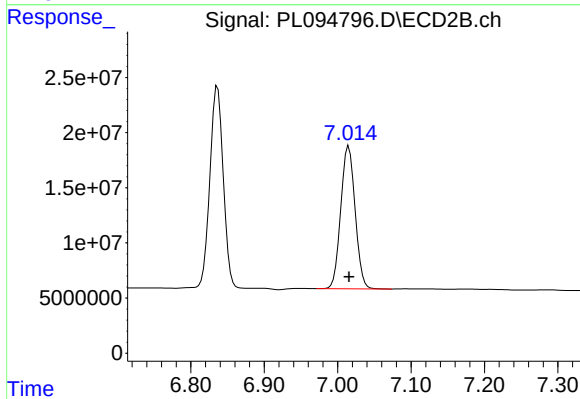
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 237132637  
Conc: 49.69 ng/ml



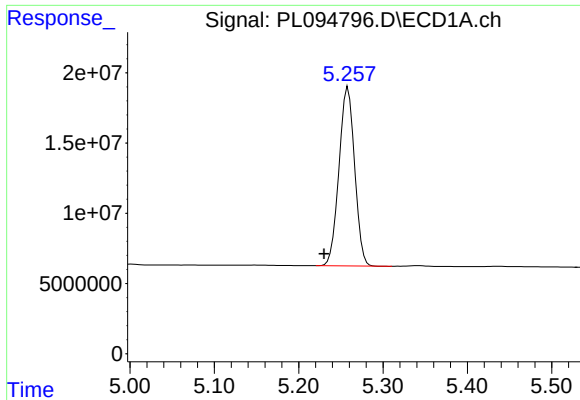
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.002 min  
Response: 93345044  
Conc: 45.18 ng/ml



#22 Mirex

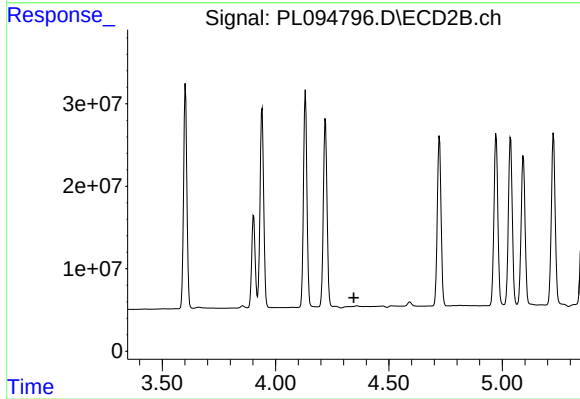
R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 176130041  
Conc: 46.41 ng/ml



#24 Chlordane-2

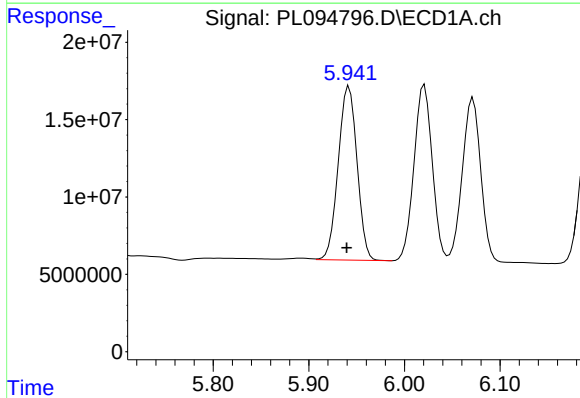
R.T.: 5.259 min  
Delta R.T.: 0.028 min  
Response: 164088084  
Conc: 1084.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



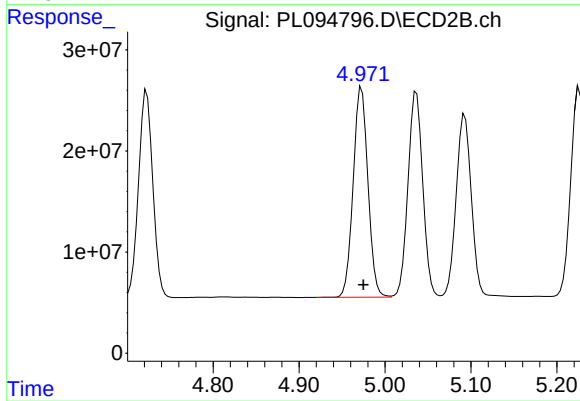
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



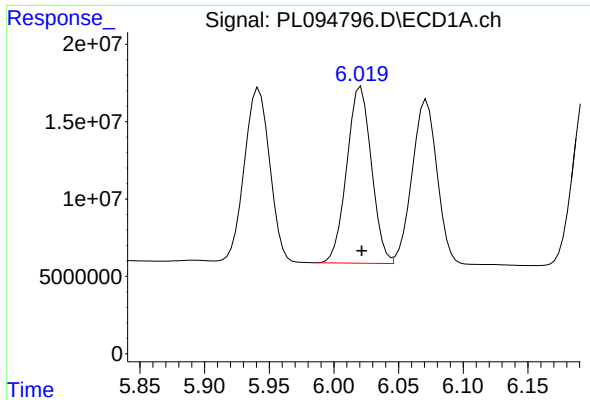
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: 0.002 min  
Response: 153910031  
Conc: 307.93 ng/ml



#25 Chlordane-3

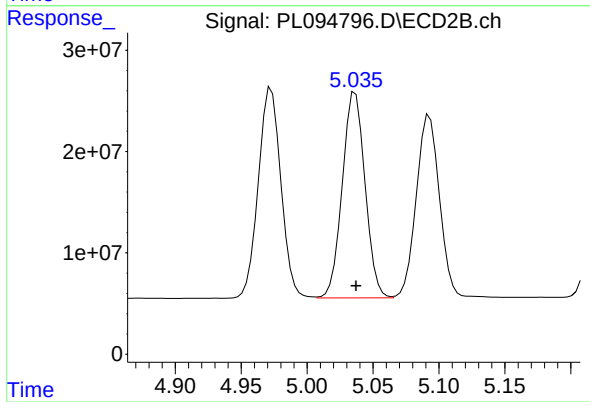
R.T.: 4.973 min  
Delta R.T.: -0.002 min  
Response: 247943046  
Conc: 466.06 ng/ml



#26 Chlordane-4

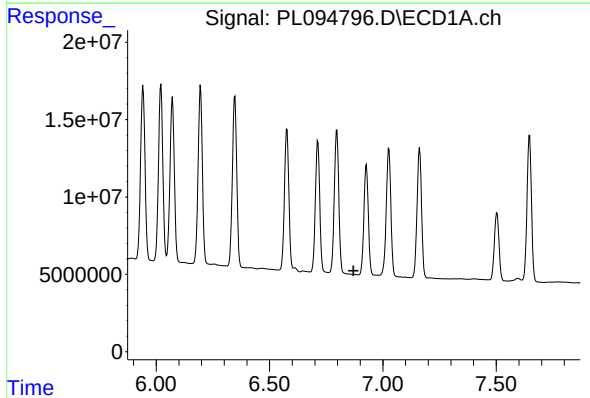
R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 151353769  
Conc: 256.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



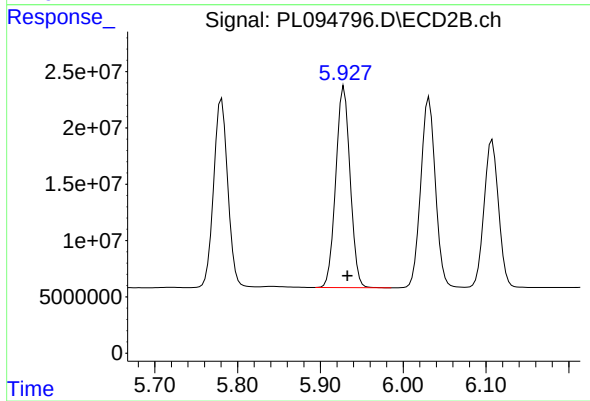
#26 Chlordane-4

R.T.: 5.037 min  
Delta R.T.: 0.000 min  
Response: 243427318  
Conc: 467.63 ng/ml



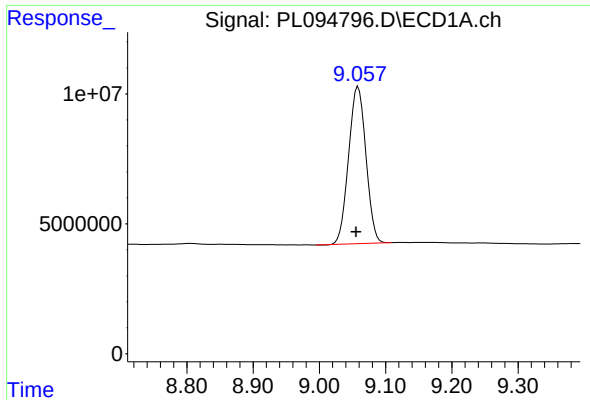
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

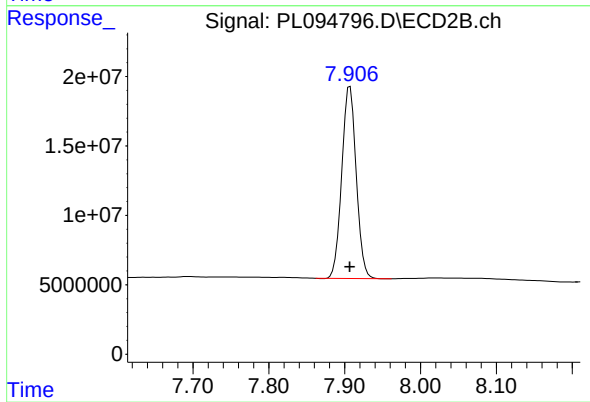
R.T.: 5.929 min  
Delta R.T.: -0.004 min  
Response: 215086872  
Conc: 1121.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: 0.003 min  
Response: 109799181  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.907 min  
Delta R.T.: 0.000 min  
Response: 183220373  
Conc: 45.36 ng/ml