

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041725\  
 Data File : PL095300.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Apr 2025 19:36  
 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: Apr 17 23:20:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041425.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 14 19:12:49 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... | 3.535  | 2.767 | 144.2E6  | 192.9E6  | 52.554   | 51.825     |
| 28)                         | SA Decachlor... | 9.049  | 7.898 | 125.3E6  | 234.2E6  | 52.035   | 53.234     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.991  | 3.269 | 176.2E6  | 244.3E6  | 43.848   | 44.122     |
| 3)                          | MA gamma-BHC... | 4.323  | 3.599 | 169.8E6  | 230.0E6  | 44.157   | 43.706     |
| 4)                          | MA Heptachlor   | 4.911  | 3.936 | 163.2E6  | 233.6E6  | 44.513   | 44.936     |
| 5)                          | MB Aldrin       | 5.252  | 4.215 | 161.5E6  | 222.7E6  | 45.760   | 45.692     |
| 6)                          | B beta-BHC      | 4.523  | 3.899 | 77349655 | 100.8E6  | 44.117   | 43.522     |
| 7)                          | B delta-BHC     | 4.770  | 4.127 | 171.9E6  | 230.7E6  | 43.859   | 44.619     |
| 8)                          | B Heptachlo...  | 5.679  | 4.717 | 149.6E6  | 212.1E6  | 46.594   | 46.428     |
| 9)                          | A Endosulfan I  | 6.064  | 5.087 | 139.9E6  | 188.3E6  | 45.140   | 43.374     |
| 10)                         | B gamma-Chl...  | 5.935  | 4.967 | 151.4E6  | 222.6E6  | 45.310   | 46.212     |
| 11)                         | B alpha-Chl...  | 6.014  | 5.031 | 149.3E6  | 219.0E6  | 44.968   | 46.203     |
| 12)                         | B 4,4'-DDE      | 6.188  | 5.219 | 142.1E6  | 237.3E6  | 43.466   | 49.283     |
| 13)                         | MA Dieldrin     | 6.340  | 5.350 | 147.7E6  | 222.9E6  | 44.833   | 46.435     |
| 14)                         | MA Endrin       | 6.569  | 5.626 | 129.0E6  | 191.9E6  | 49.502   | 45.941     |
| 15)                         | B Endosulfa...  | 6.790  | 5.921 | 127.2E6  | 201.1E6  | 44.609   | 45.798     |
| 16)                         | A 4,4'-DDD      | 6.706  | 5.774 | 115.5E6  | 185.5E6  | 45.480   | 47.690     |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.024 | 104.9E6  | 171.0E6  | 41.217   | 41.058     |
| 18)                         | B Endrin al...  | 6.920  | 6.100 | 94732139 | 146.9E6  | 43.039   | 43.592     |
| 19)                         | B Endosulfa...  | 7.154  | 6.323 | 114.0E6  | 192.4E6  | 44.365   | 46.056     |
| 20)                         | A Methoxychlor  | 7.496  | 6.599 | 52622564 | 92255564 | 39.287   | 41.081     |
| 21)                         | B Endrin ke...  | 7.639  | 6.828 | 126.9E6  | 232.9E6  | 43.955   | 46.201     |
| 22)                         | Mirex           | 8.112  | 7.007 | 94142740 | 173.3E6  | 44.256   | 44.068     |
| 24)                         | Chlordane-2     | 5.252f | 0.000 | 161.5E6  | 0        | 1206.322 | N.D. #     |
| 25)                         | Chlordane-3     | 5.935  | 4.967 | 151.4E6  | 222.6E6  | 308.754  | 441.365 #  |
| 26)                         | Chlordane-4     | 6.014  | 5.031 | 149.3E6  | 219.0E6  | 257.758  | 438.924 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.921 | 0        | 201.1E6  | N.D.     | 1076.187 # |
| -----                       |                 |        |       |          |          |          |            |

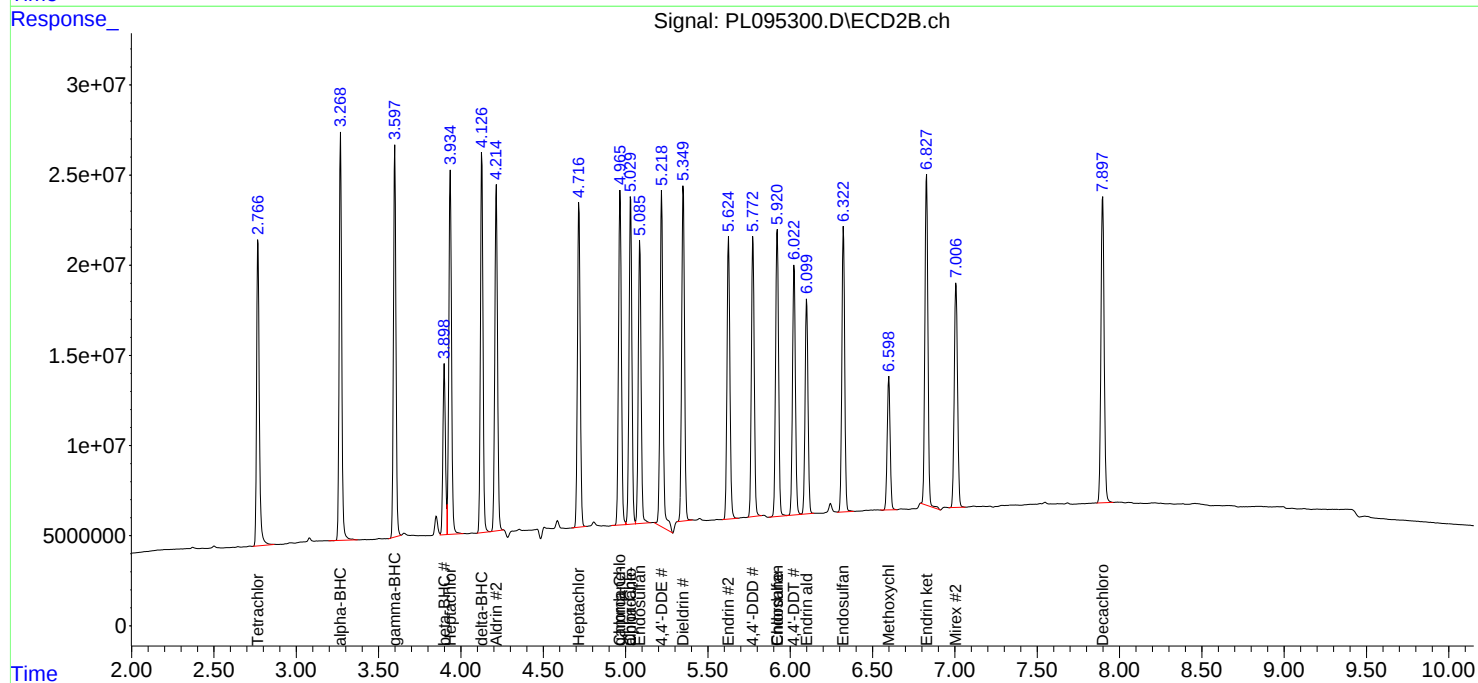
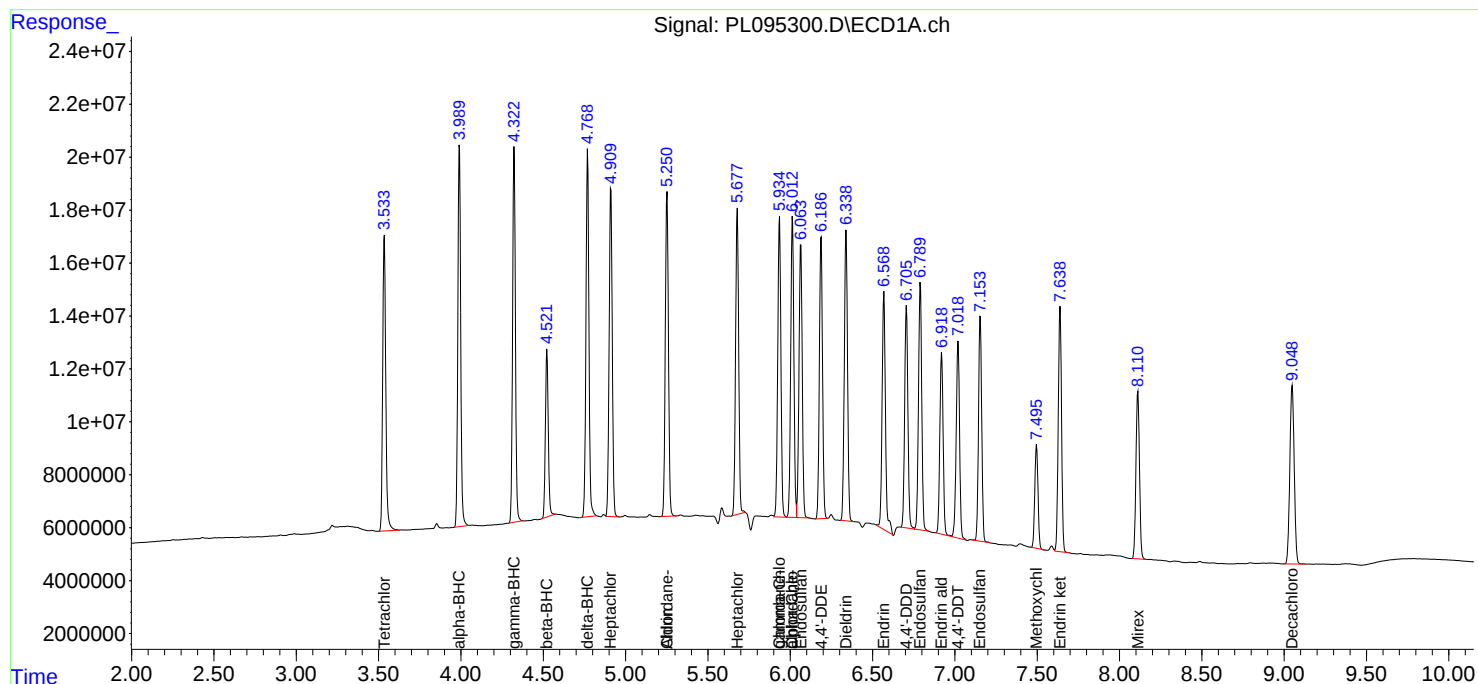
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

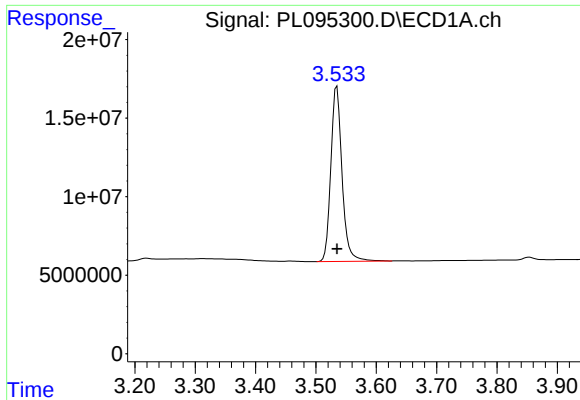
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041725\  
Data File : PL095300.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Apr 2025 19:36  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 23:20:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041425.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 14 19:12:49 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

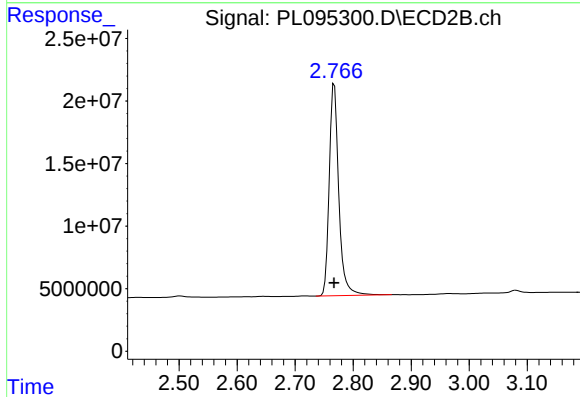




#1 Tetrachloro-m-xylene

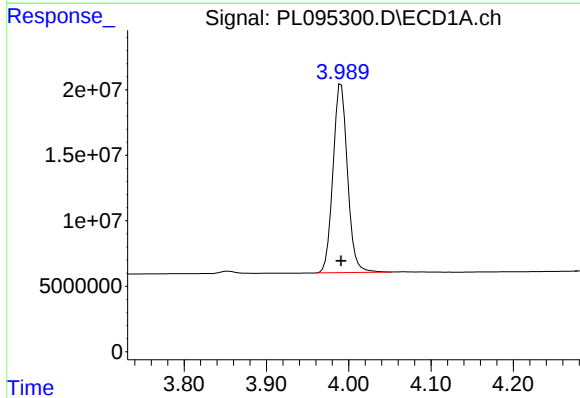
R.T.: 3.535 min  
Delta R.T.: 0.000 min  
Response: 144170313  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



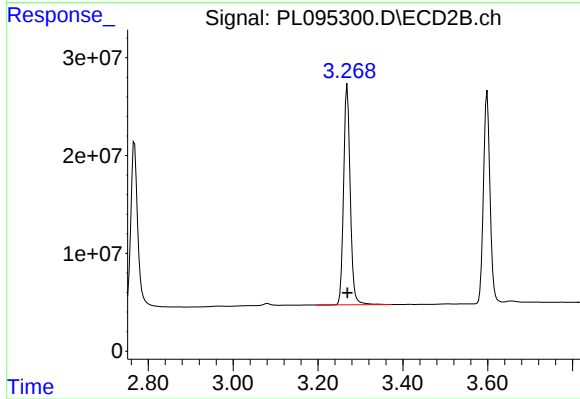
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: 0.000 min  
Response: 192850719  
Conc: 51.82 ng/ml



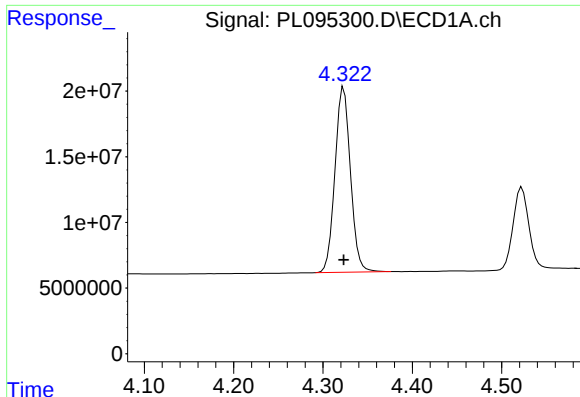
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: 0.000 min  
Response: 176231766  
Conc: 43.85 ng/ml



#2 alpha-BHC

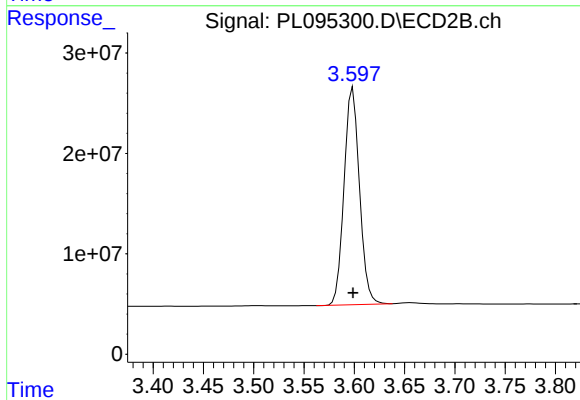
R.T.: 3.269 min  
Delta R.T.: 0.000 min  
Response: 244325866  
Conc: 44.12 ng/ml



#3 gamma-BHC (Lindane)

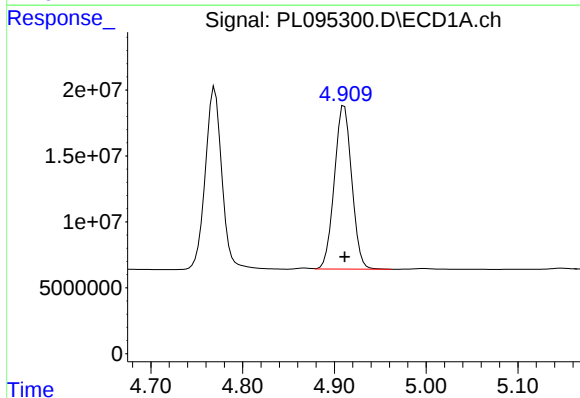
R.T.: 4.323 min  
Delta R.T.: 0.000 min  
Response: 169808439  
Conc: 44.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



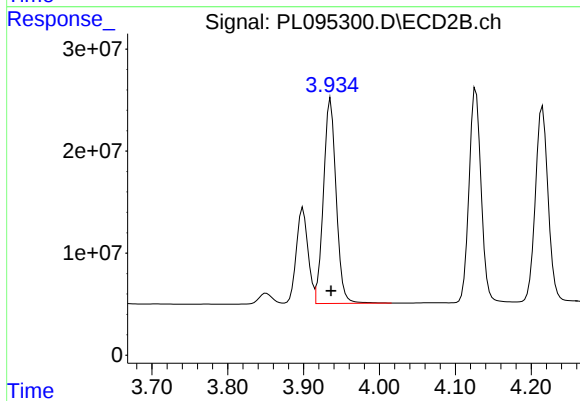
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 230030982  
Conc: 43.71 ng/ml



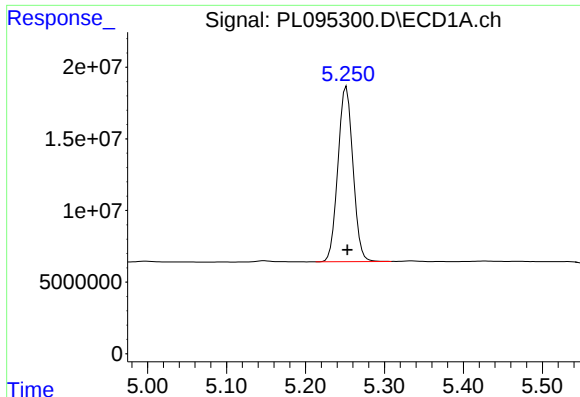
#4 Heptachlor

R.T.: 4.911 min  
Delta R.T.: 0.000 min  
Response: 163202339  
Conc: 44.51 ng/ml



#4 Heptachlor

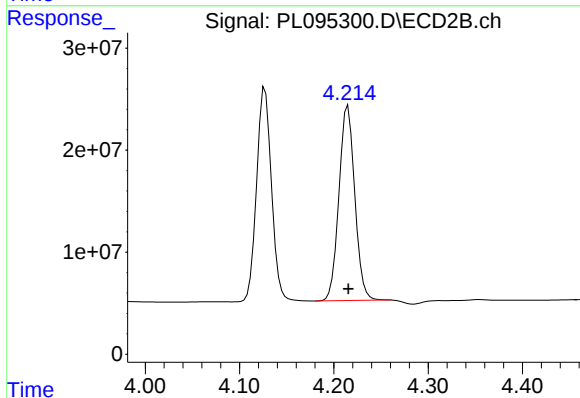
R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 233645279  
Conc: 44.94 ng/ml



#5 Aldrin

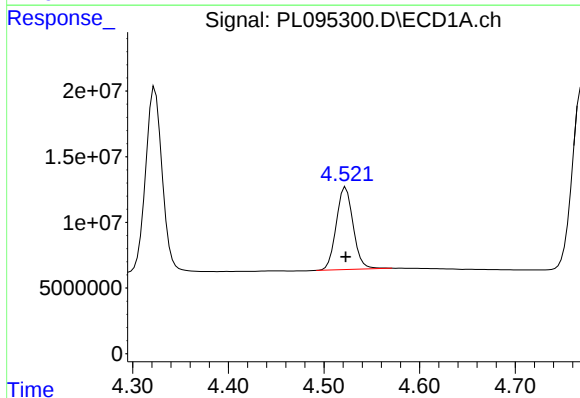
R.T.: 5.252 min  
Delta R.T.: -0.001 min  
Response: 161492000  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



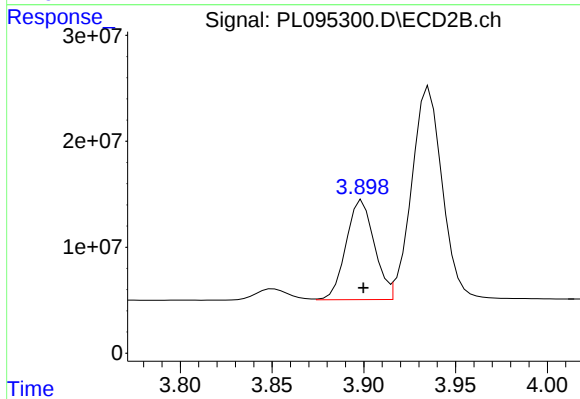
#5 Aldrin

R.T.: 4.215 min  
Delta R.T.: 0.000 min  
Response: 222682898  
Conc: 45.69 ng/ml



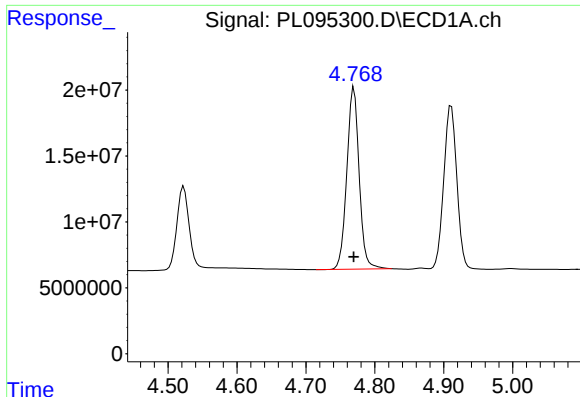
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 77349655  
Conc: 44.12 ng/ml



#6 beta-BHC

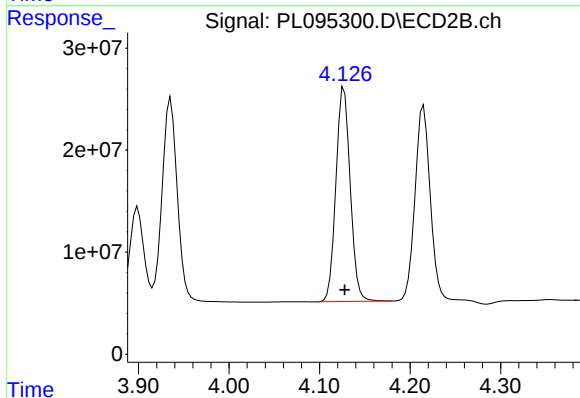
R.T.: 3.899 min  
Delta R.T.: 0.000 min  
Response: 100846617  
Conc: 43.52 ng/ml



#7 delta-BHC

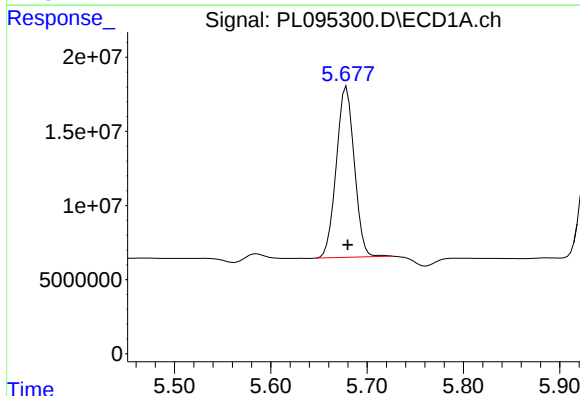
R.T.: 4.770 min  
Delta R.T.: 0.000 min  
Response: 171867623  
Conc: 43.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



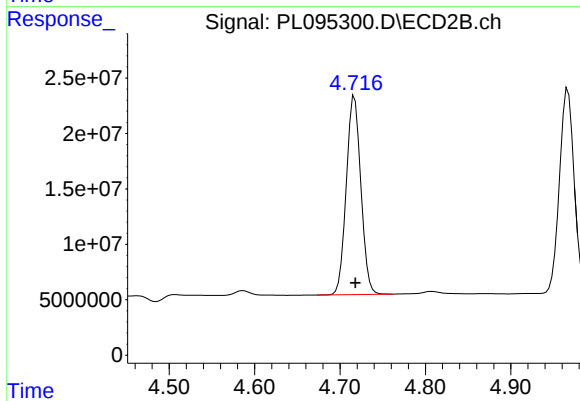
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.000 min  
Response: 230683155  
Conc: 44.62 ng/ml



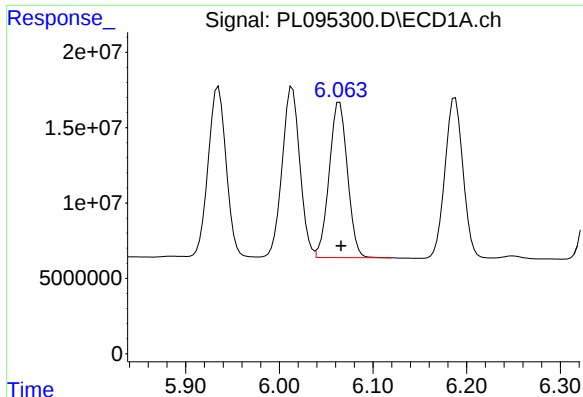
#8 Heptachlor epoxide

R.T.: 5.679 min  
Delta R.T.: -0.001 min  
Response: 149603147  
Conc: 46.59 ng/ml



#8 Heptachlor epoxide

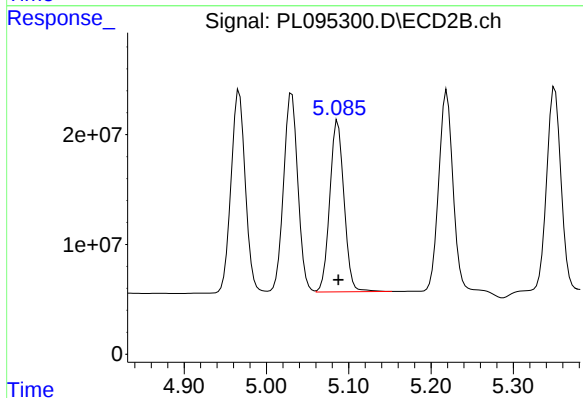
R.T.: 4.717 min  
Delta R.T.: 0.000 min  
Response: 212114494  
Conc: 46.43 ng/ml



#9 Endosulfan I

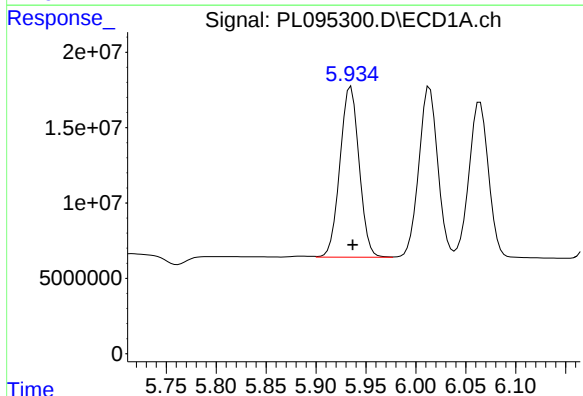
R.T.: 6.064 min  
Delta R.T.: -0.002 min  
Response: 139862918  
Conc: 45.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



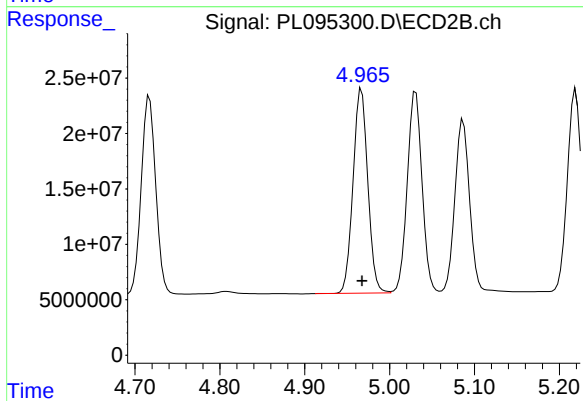
#9 Endosulfan I

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 188280978  
Conc: 43.37 ng/ml



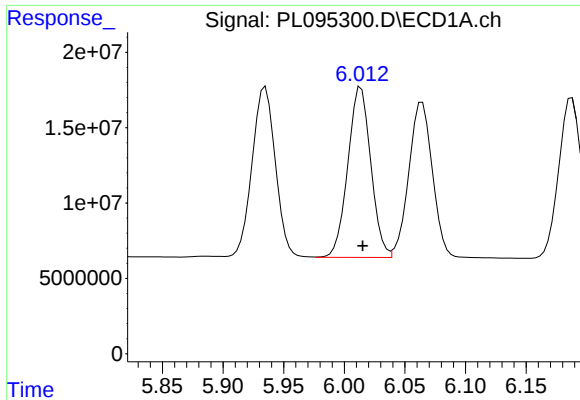
#10 gamma-Chlordane

R.T.: 5.935 min  
Delta R.T.: -0.002 min  
Response: 151356940  
Conc: 45.31 ng/ml



#10 gamma-Chlordane

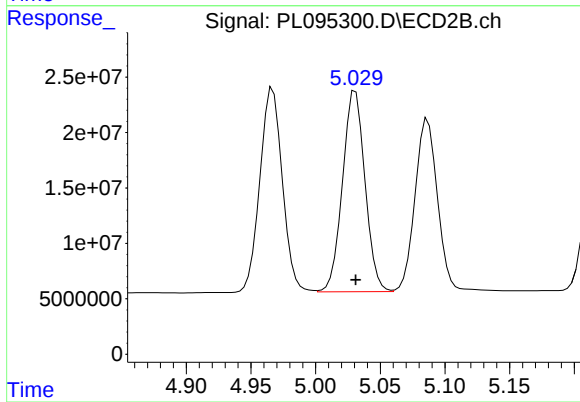
R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 222589881  
Conc: 46.21 ng/ml



#11 alpha-Chlordane

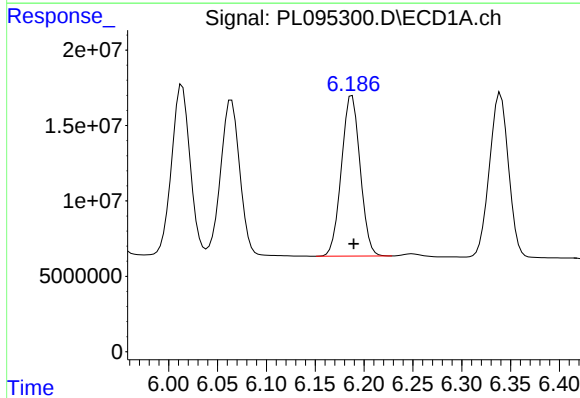
R.T.: 6.014 min  
Delta R.T.: -0.001 min  
Response: 149269393  
Conc: 44.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



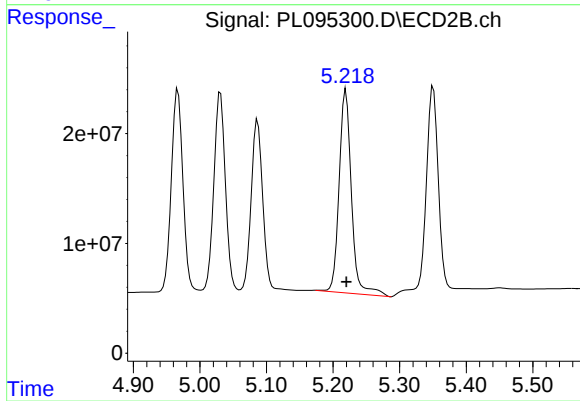
#11 alpha-Chlordane

R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 218985515  
Conc: 46.20 ng/ml



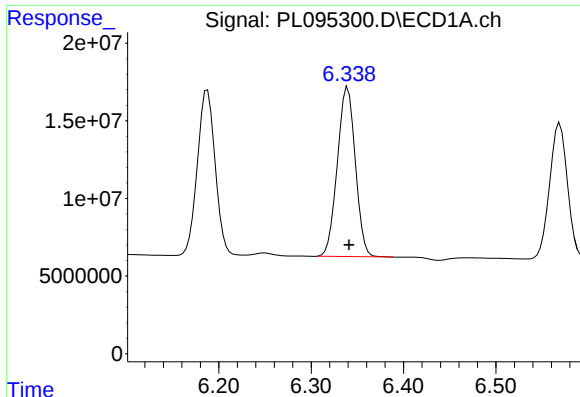
#12 4,4'-DDE

R.T.: 6.188 min  
Delta R.T.: -0.002 min  
Response: 142127885  
Conc: 43.47 ng/ml



#12 4,4'-DDE

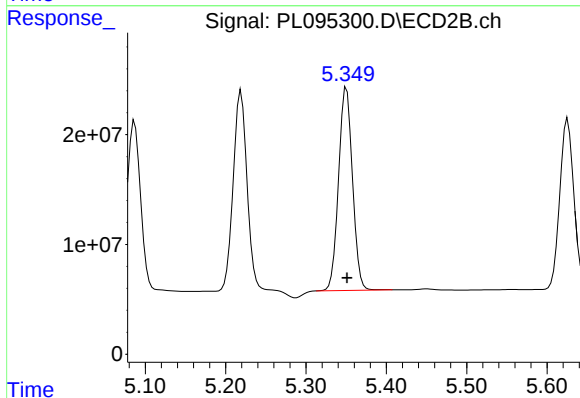
R.T.: 5.219 min  
Delta R.T.: 0.000 min  
Response: 237285895  
Conc: 49.28 ng/ml



#13 Dieldrin

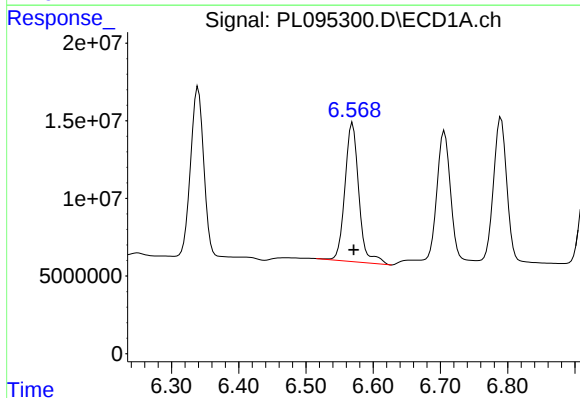
R.T.: 6.340 min  
Delta R.T.: -0.001 min  
Response: 147729307  
Conc: 44.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



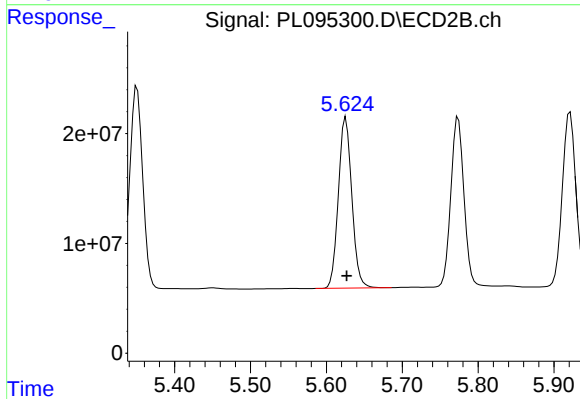
#13 Dieldrin

R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 222888059  
Conc: 46.43 ng/ml



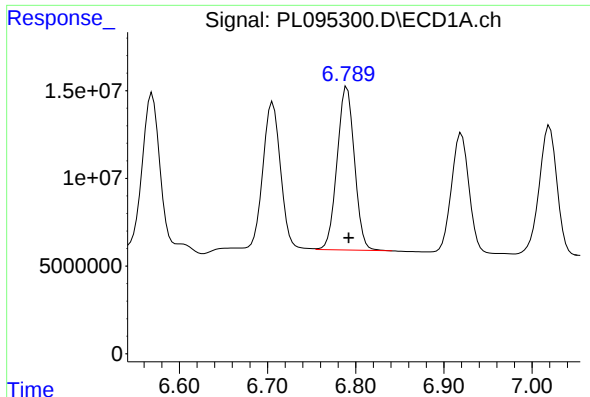
#14 Endrin

R.T.: 6.569 min  
Delta R.T.: -0.002 min  
Response: 129007557  
Conc: 49.50 ng/ml



#14 Endrin

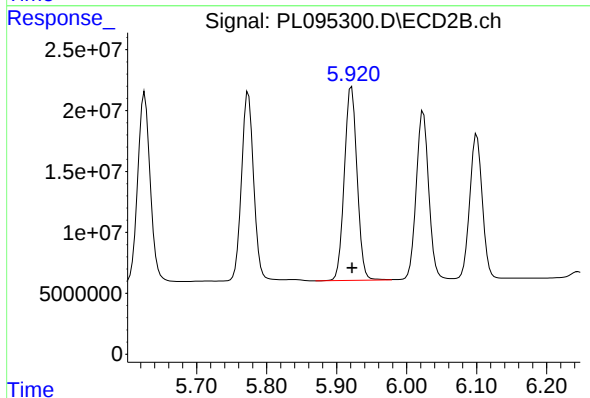
R.T.: 5.626 min  
Delta R.T.: -0.001 min  
Response: 191916357  
Conc: 45.94 ng/ml



#15 Endosulfan II

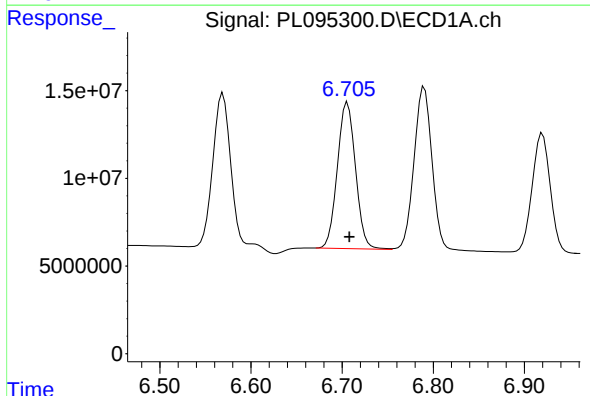
R.T.: 6.790 min  
Delta R.T.: -0.002 min  
Response: 127241042  
Conc: 44.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



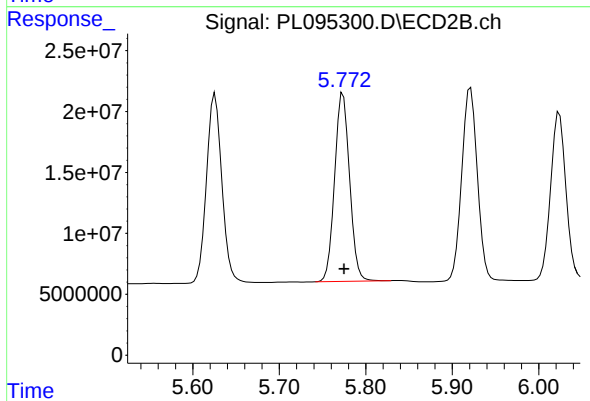
#15 Endosulfan II

R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 201069123  
Conc: 45.80 ng/ml



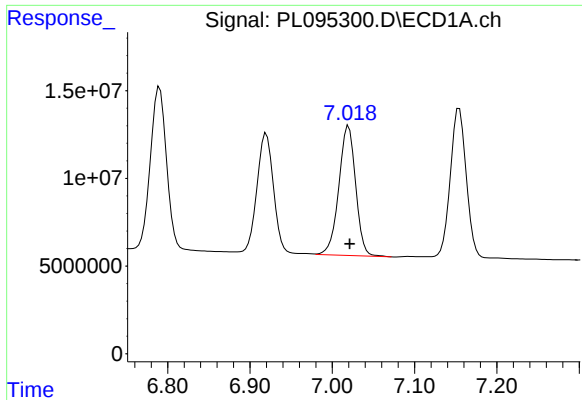
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: -0.002 min  
Response: 115479699  
Conc: 45.48 ng/ml



#16 4,4'-DDD

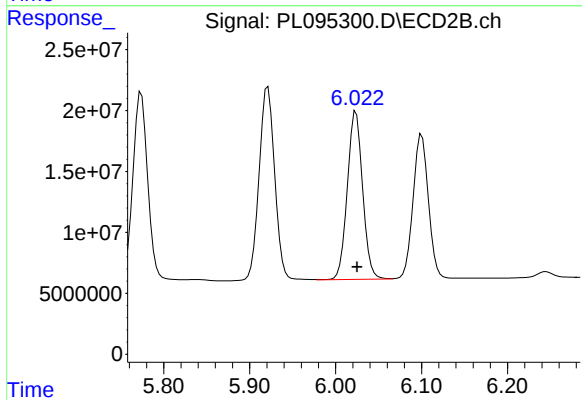
R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 185510900  
Conc: 47.69 ng/ml



#17 4,4'-DDT

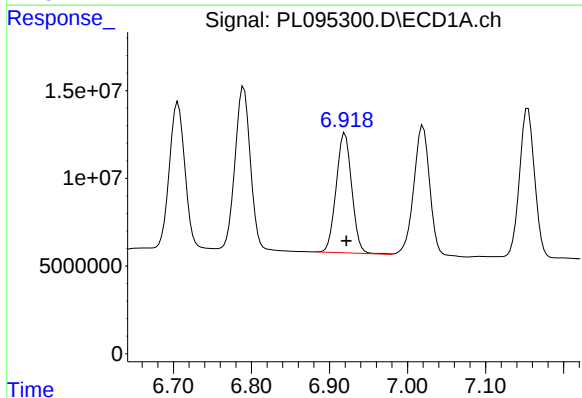
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 104919250  
Conc: 41.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



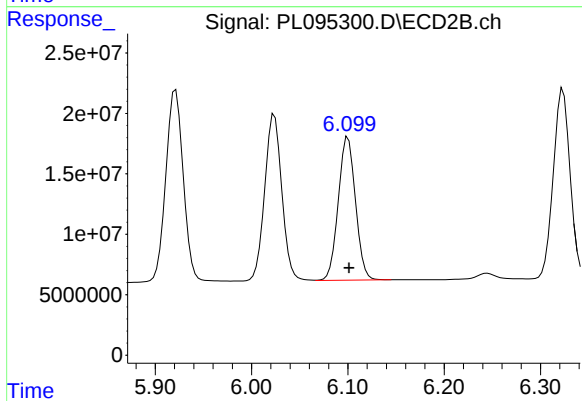
#17 4,4'-DDT

R.T.: 6.024 min  
Delta R.T.: -0.001 min  
Response: 171047727  
Conc: 41.06 ng/ml



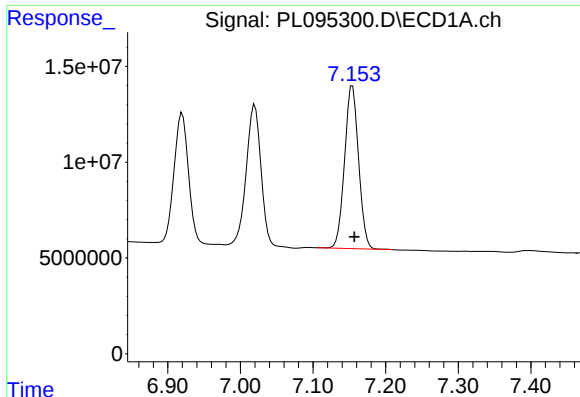
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: -0.002 min  
Response: 94732139  
Conc: 43.04 ng/ml



#18 Endrin aldehyde

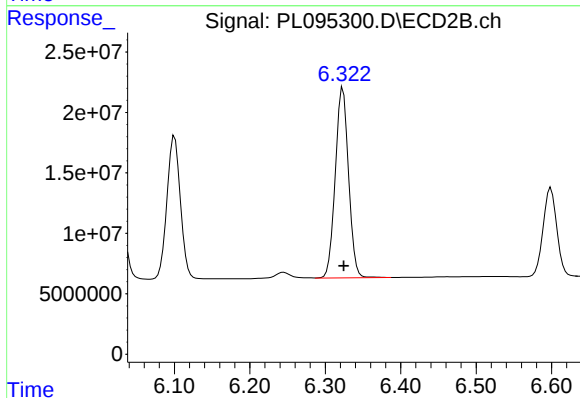
R.T.: 6.100 min  
Delta R.T.: -0.001 min  
Response: 146896905  
Conc: 43.59 ng/ml



#19 Endosulfan Sulfate

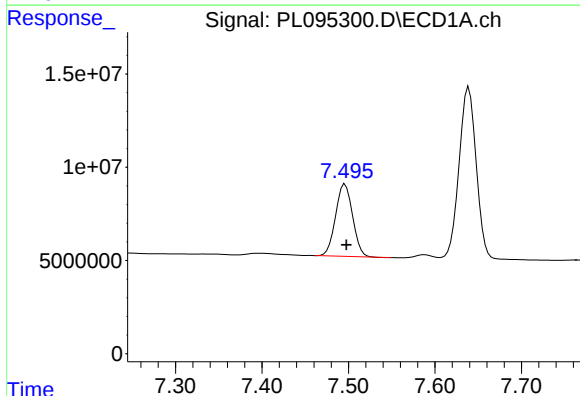
R.T.: 7.154 min  
Delta R.T.: -0.003 min  
Response: 114001421  
Conc: 44.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



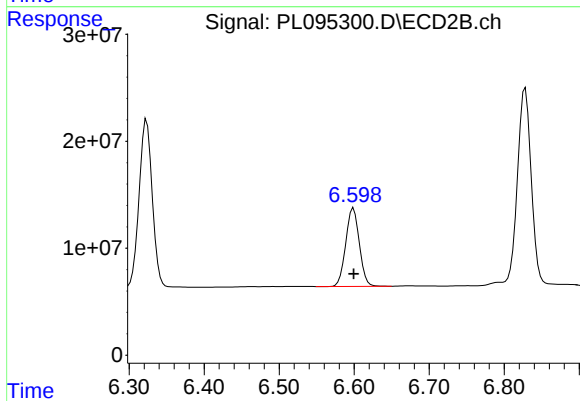
#19 Endosulfan Sulfate

R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 192351199  
Conc: 46.06 ng/ml



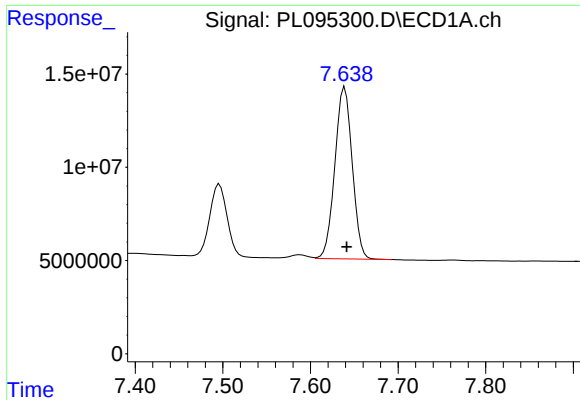
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: -0.002 min  
Response: 52622564  
Conc: 39.29 ng/ml



#20 Methoxychlor

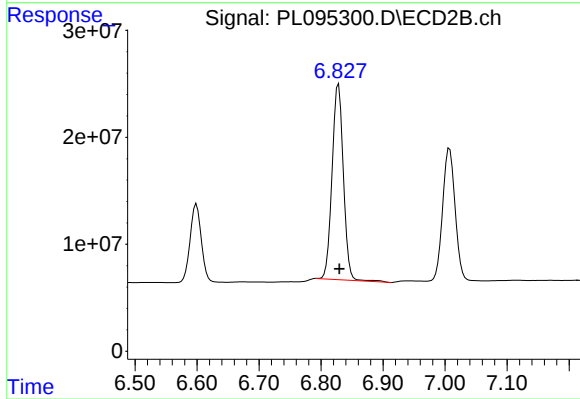
R.T.: 6.599 min  
Delta R.T.: 0.000 min  
Response: 92255564  
Conc: 41.08 ng/ml



#21 Endrin ketone

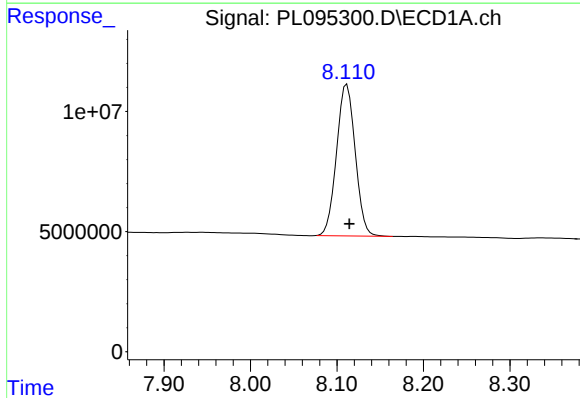
R.T.: 7.639 min  
Delta R.T.: -0.002 min  
Response: 126884476  
Conc: 43.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



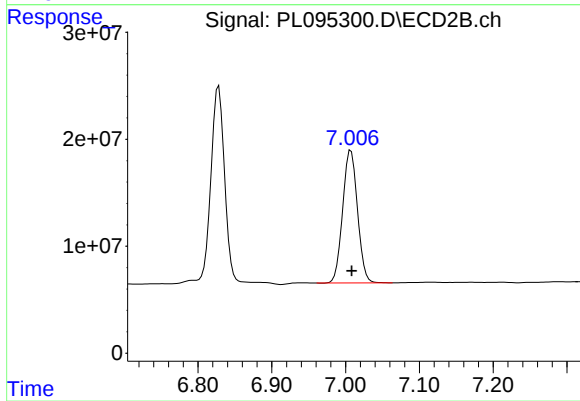
#21 Endrin ketone

R.T.: 6.828 min  
Delta R.T.: -0.001 min  
Response: 232949058  
Conc: 46.20 ng/ml



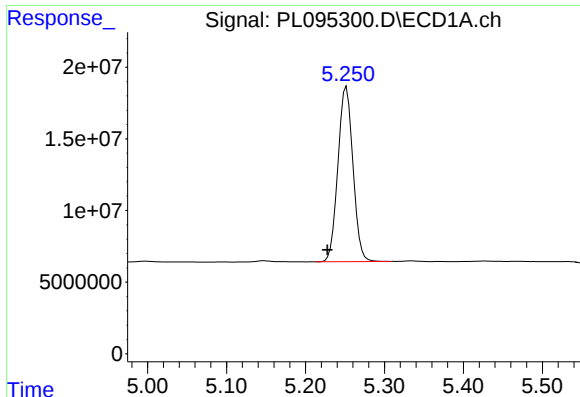
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: -0.003 min  
Response: 94142740  
Conc: 44.26 ng/ml



#22 Mirex

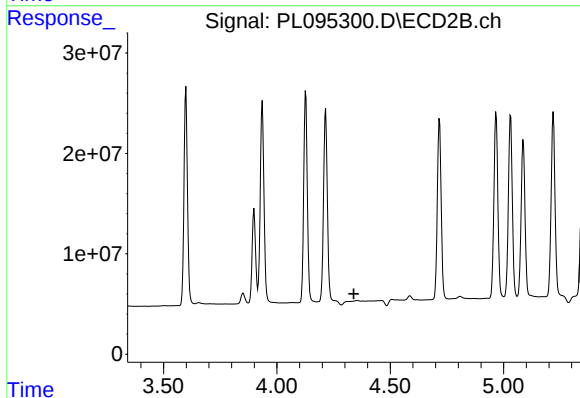
R.T.: 7.007 min  
Delta R.T.: -0.001 min  
Response: 173266023  
Conc: 44.07 ng/ml



#24 Chlordane-2

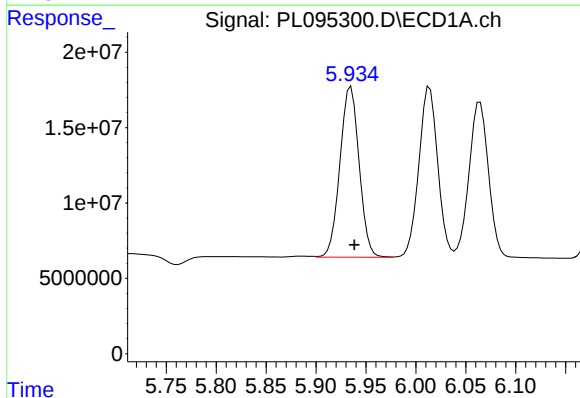
R.T.: 5.252 min  
Delta R.T.: 0.024 min  
Response: 161492000  
Conc: 1206.32 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



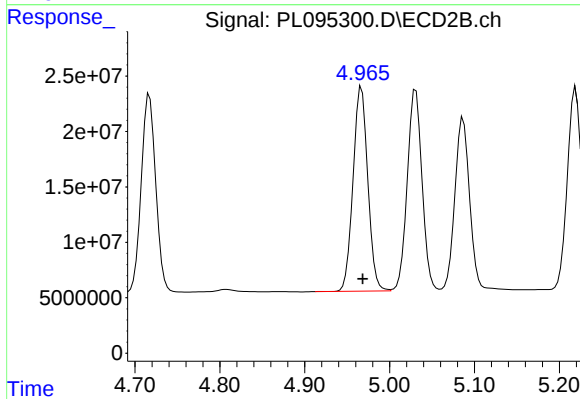
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.339 min  
Response: 0  
Conc: N.D.



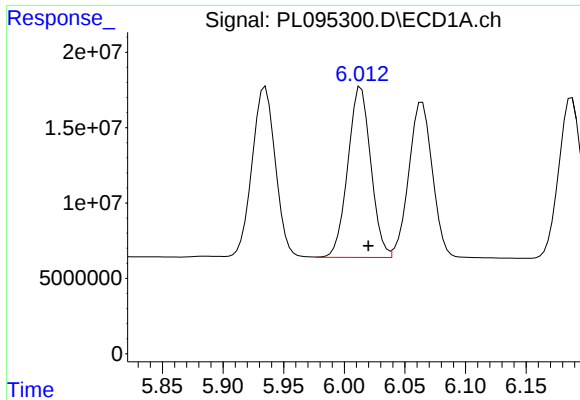
#25 Chlordane-3

R.T.: 5.935 min  
Delta R.T.: -0.004 min  
Response: 151356940  
Conc: 308.75 ng/ml



#25 Chlordane-3

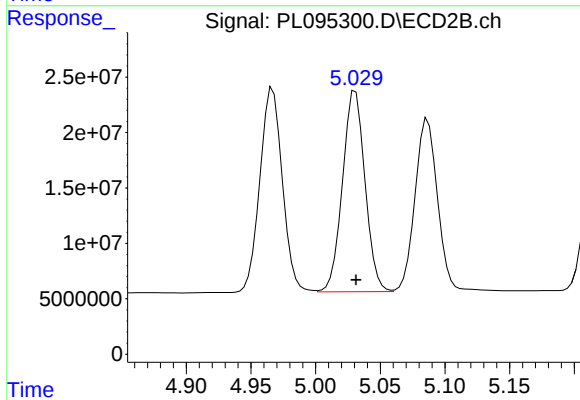
R.T.: 4.967 min  
Delta R.T.: -0.002 min  
Response: 222589881  
Conc: 441.37 ng/ml



#26 Chlordane-4

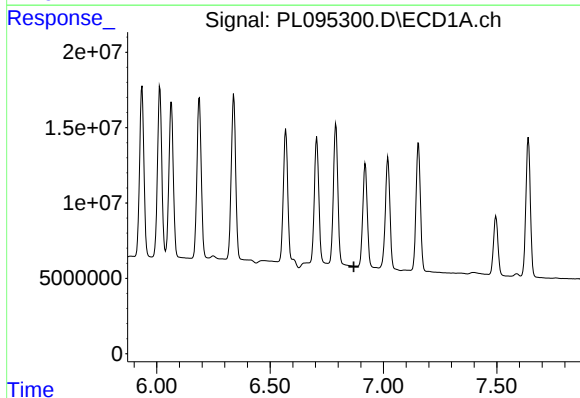
R.T.: 6.014 min  
Delta R.T.: -0.006 min  
Response: 149269393  
Conc: 257.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



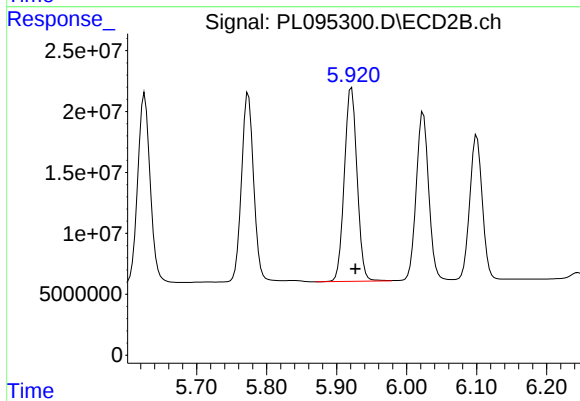
#26 Chlordane-4

R.T.: 5.031 min  
Delta R.T.: 0.000 min  
Response: 218985515  
Conc: 438.92 ng/ml



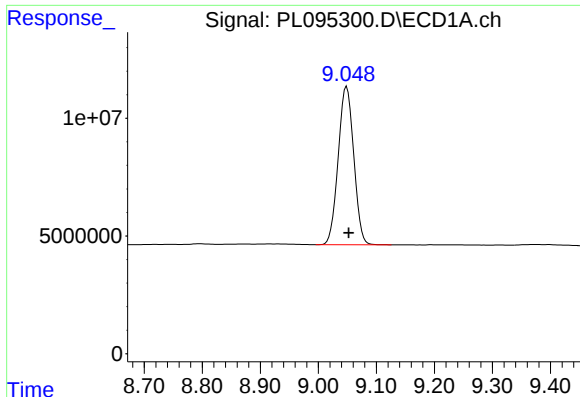
#27 Chlordane-5

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



#27 Chlordane-5

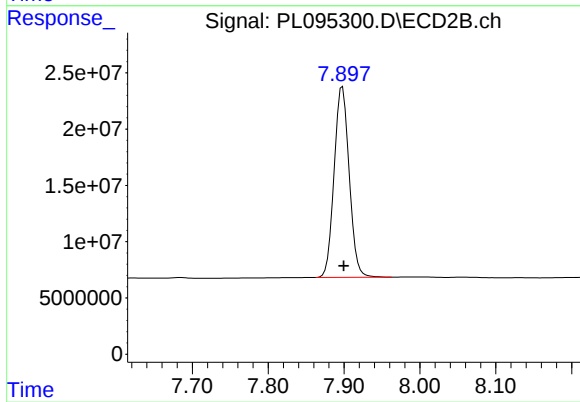
R.T.: 5.921 min  
Delta R.T.: -0.005 min  
Response: 201069123  
Conc: 1076.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min  
Delta R.T.: -0.004 min  
Response: 125284174  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.898 min  
Delta R.T.: -0.002 min  
Response: 234180442  
Conc: 53.23 ng/ml