

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032825\  
 Data File : PL094935.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2025 14:05  
 Operator : AR\AJ  
 Sample : Q1664-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 28 23:15:31 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... | 3.535  | 2.769 | 44494935 | 57167997 | 15.719  | 16.017    |
| 28)                         | SA Decachlor... | 9.048  | 7.900 | 34744174 | 62860872 | 16.486  | 15.562    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.991  | 3.271 | 167.7E6  | 249.6E6  | 40.387  | 46.288    |
| 3)                          | MA gamma-BHC... | 4.324  | 3.600 | 161.6E6  | 228.8E6  | 40.489  | 44.509    |
| 4)                          | MA Heptachlor   | 4.911  | 3.938 | 154.3E6  | 228.1E6  | 39.756  | 43.289    |
| 5)                          | MB Aldrin       | 5.252  | 4.217 | 146.3E6  | 211.5E6  | 39.622  | 43.381    |
| 6)                          | B beta-BHC      | 4.523  | 3.900 | 74415110 | 99541909 | 40.329  | 44.813    |
| 7)                          | B delta-BHC     | 4.769  | 4.129 | 162.5E6  | 220.1E6  | 41.728  | 44.000    |
| 8)                          | B Heptachlo...  | 5.679  | 4.719 | 130.8E6  | 198.7E6  | 39.095  | 43.406    |
| 9)                          | A Endosulfan I  | 6.064  | 5.089 | 128.8E6  | 191.0E6  | 41.943  | 43.525    |
| 10)                         | B gamma-Chl...  | 5.935  | 4.969 | 137.0E6  | 210.3E6  | 40.673  | 43.557    |
| 11)                         | B alpha-Chl...  | 6.014  | 5.033 | 136.5E6  | 206.4E6  | 41.399  | 43.245    |
| 12)                         | B 4,4'-DDE      | 6.188  | 5.221 | 133.8E6  | 212.5E6  | 45.479  | 45.710    |
| 13)                         | MA Dieldrin     | 6.339  | 5.353 | 135.0E6  | 213.9E6  | 42.219  | 44.076    |
| 14)                         | MA Endrin       | 6.569  | 5.628 | 118.3E6  | 197.0E6  | 42.683  | 45.148    |
| 15)                         | B Endosulfa...  | 6.790  | 5.923 | 116.6E6  | 186.4E6  | 42.956  | 43.055    |
| 16)                         | A 4,4'-DDD      | 6.705  | 5.776 | 104.3E6  | 167.3E6  | 48.153  | 46.516    |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.025 | 107.9E6  | 185.2E6  | 45.371  | 45.923    |
| 18)                         | B Endrin al...  | 6.920  | 6.102 | 89859479 | 145.1E6  | 42.567  | 43.108    |
| 19)                         | B Endosulfa...  | 7.154  | 6.325 | 104.7E6  | 182.4E6  | 43.068  | 44.775    |
| 20)                         | A Methoxychlor  | 7.496  | 6.600 | 56790187 | 102.8E6  | 47.441  | 48.475    |
| 21)                         | B Endrin ke...  | 7.639  | 6.830 | 117.6E6  | 219.3E6  | 44.489  | 45.950    |
| 22)                         | Mirex           | 8.111  | 7.009 | 83691493 | 160.4E6  | 40.503  | 42.262    |
| 24)                         | Chlordane-2     | 5.252f | 0.000 | 146.3E6  | 0        | 966.874 | N.D. #    |
| 25)                         | Chlordane-3     | 5.935  | 4.969 | 137.0E6  | 210.3E6  | 274.183 | 395.321 # |
| 26)                         | Chlordane-4     | 6.014  | 5.033 | 136.5E6  | 206.4E6  | 231.690 | 396.494 # |
| 27)                         | Chlordane-5     | 0.000  | 5.923 | 0        | 186.4E6  | N.D.    | 971.421 # |
| -----                       |                 |        |       |          |          |         |           |

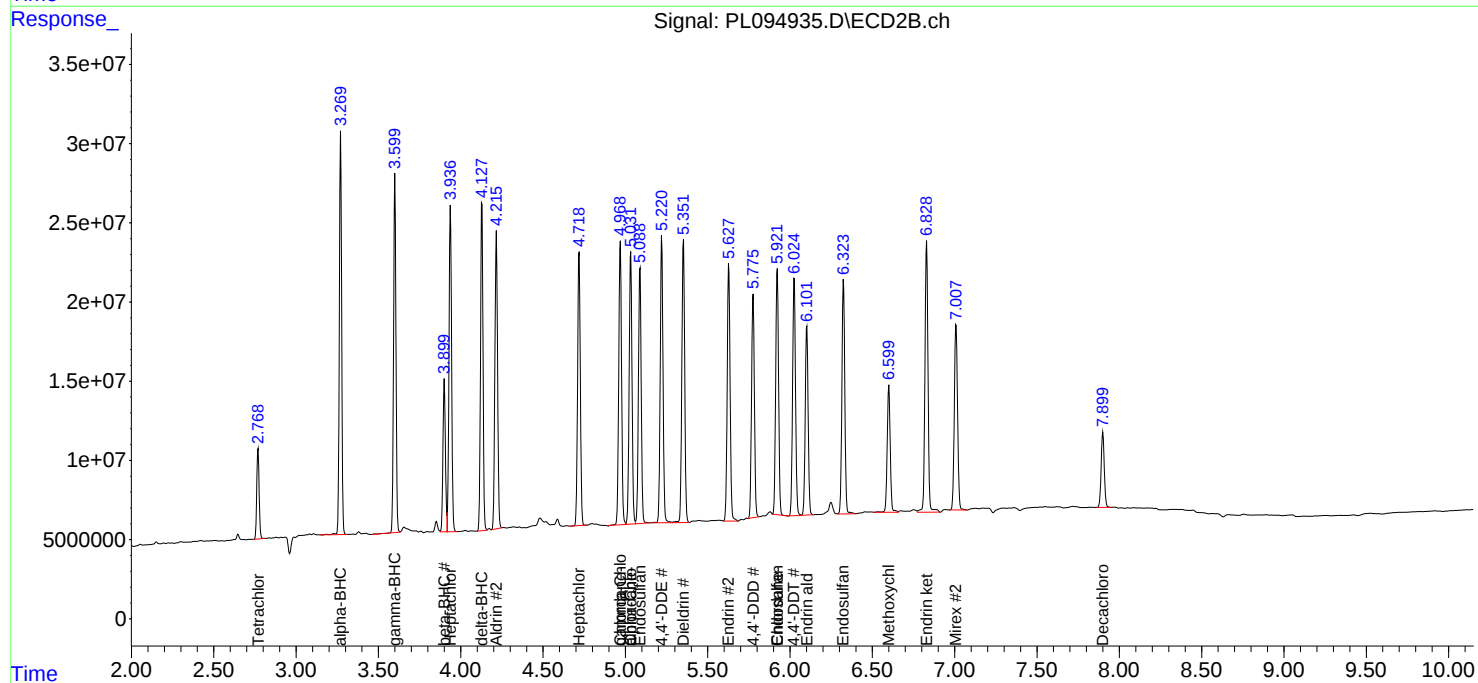
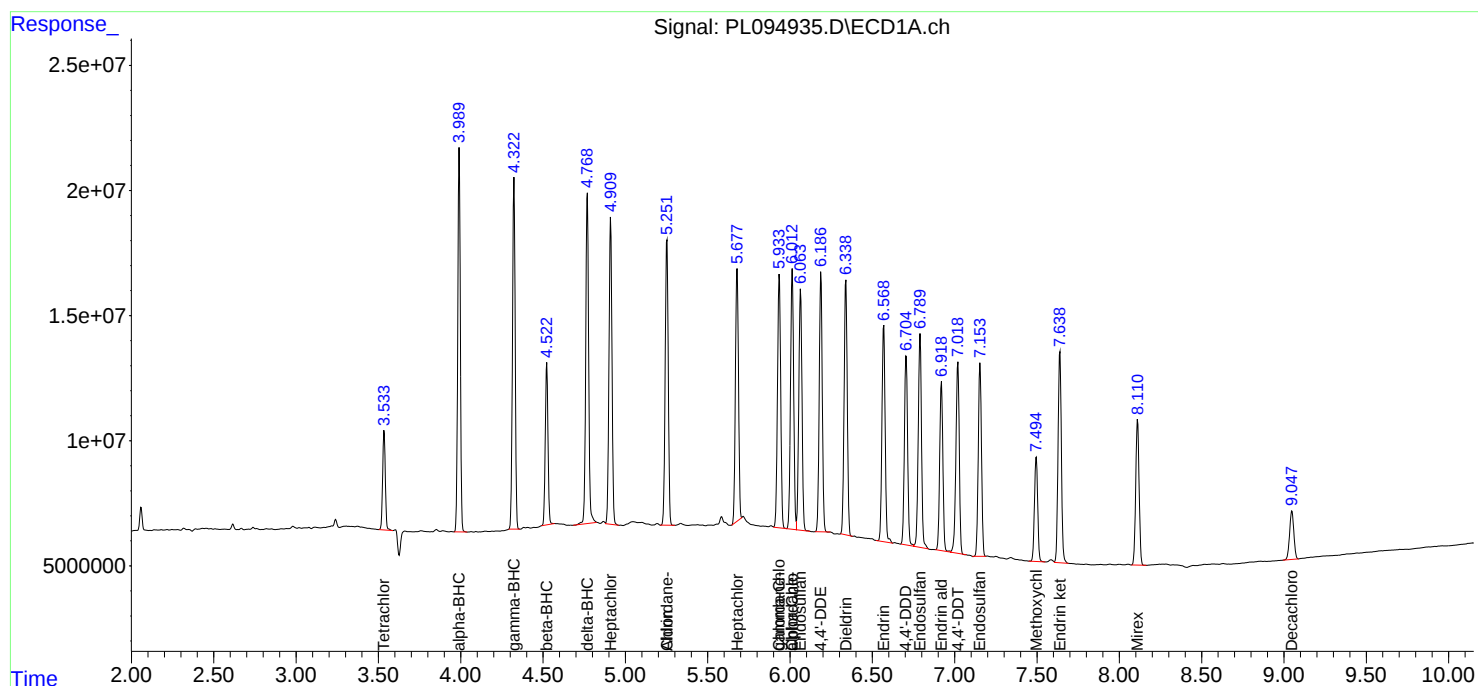
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

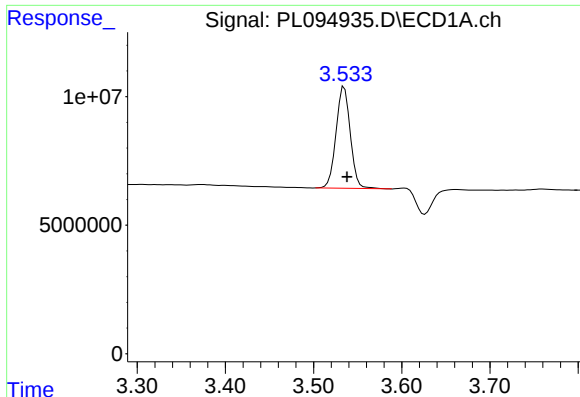
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032825\  
Data File : PL094935.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2025 14:05  
Operator : AR\AJ  
Sample : Q1664-02MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 23:15:31 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

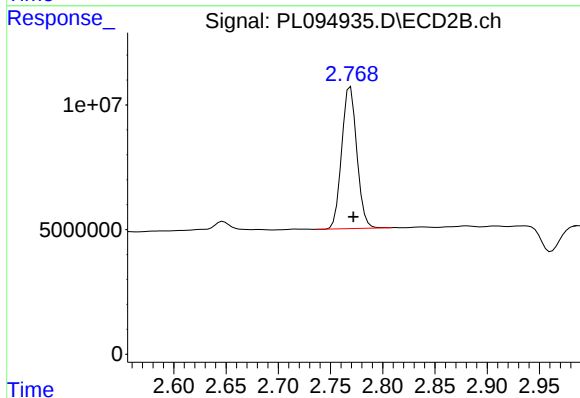




#1 Tetrachloro-m-xylene

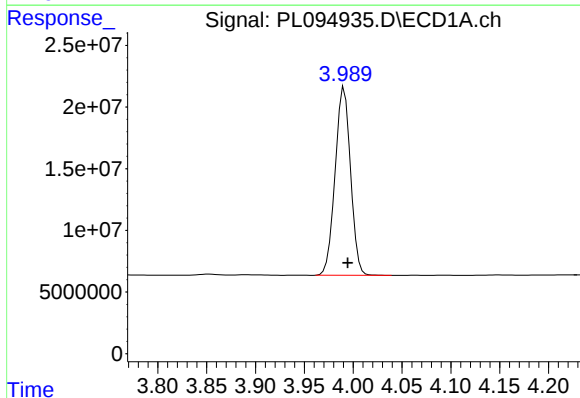
R.T.: 3.535 min  
Delta R.T.: -0.003 min  
Response: 44494935  
Conc: 15.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



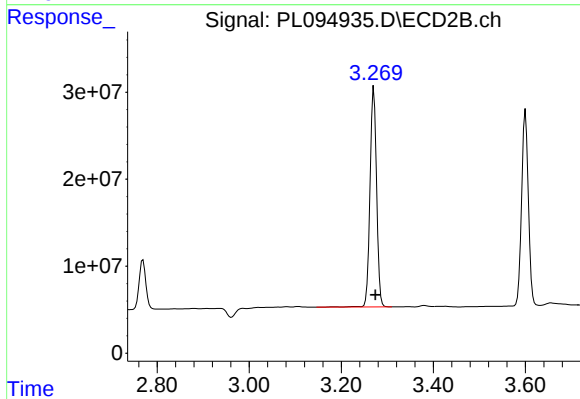
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.003 min  
Response: 57167997  
Conc: 16.02 ng/ml



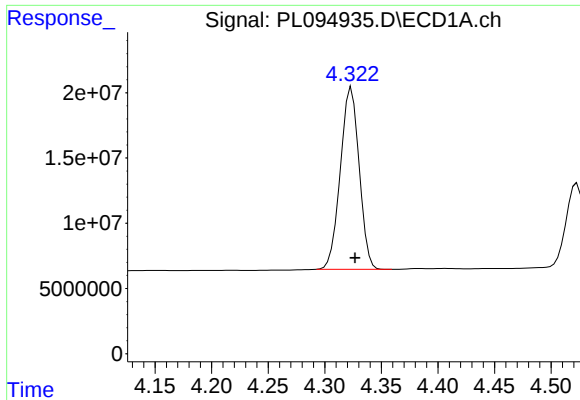
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: -0.003 min  
Response: 167701434  
Conc: 40.39 ng/ml



#2 alpha-BHC

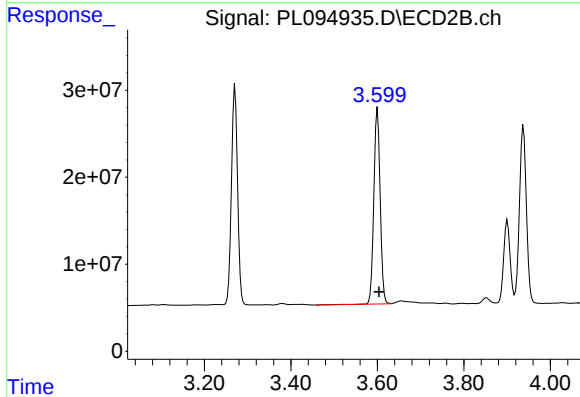
R.T.: 3.271 min  
Delta R.T.: -0.003 min  
Response: 249558146  
Conc: 46.29 ng/ml



#3 gamma-BHC (Lindane)

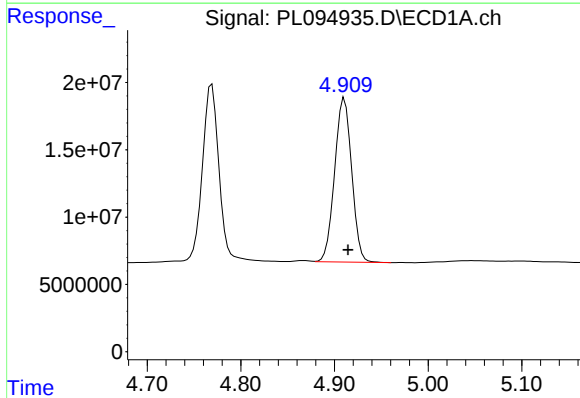
R.T.: 4.324 min  
Delta R.T.: -0.003 min  
Response: 161560356  
Conc: 40.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



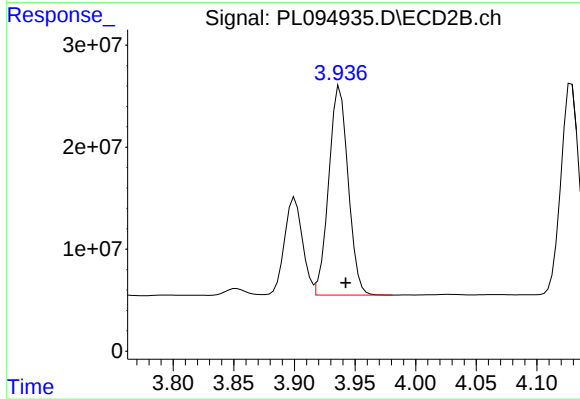
#3 gamma-BHC (Lindane)

R.T.: 3.600 min  
Delta R.T.: -0.004 min  
Response: 228754059  
Conc: 44.51 ng/ml



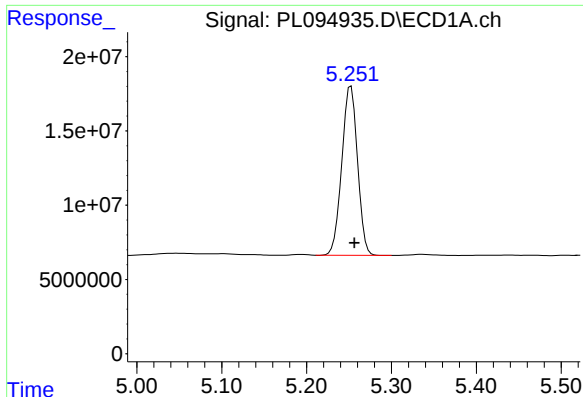
#4 Heptachlor

R.T.: 4.911 min  
Delta R.T.: -0.004 min  
Response: 154317044  
Conc: 39.76 ng/ml



#4 Heptachlor

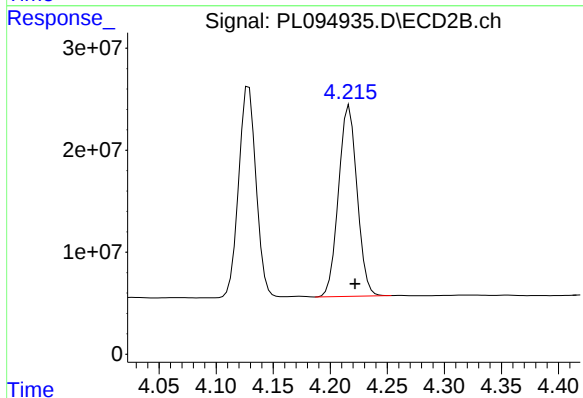
R.T.: 3.938 min  
Delta R.T.: -0.005 min  
Response: 228073884  
Conc: 43.29 ng/ml



#5 Aldrin

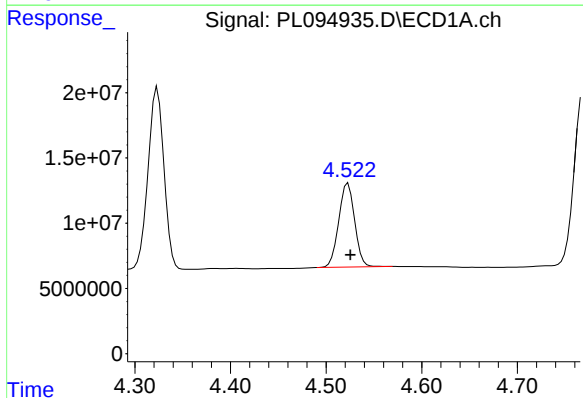
R.T.: 5.252 min  
Delta R.T.: -0.004 min  
Response: 146293049  
Conc: 39.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



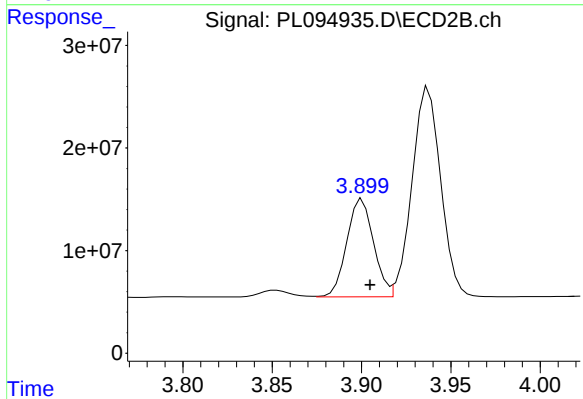
#5 Aldrin

R.T.: 4.217 min  
Delta R.T.: -0.005 min  
Response: 211540995  
Conc: 43.38 ng/ml



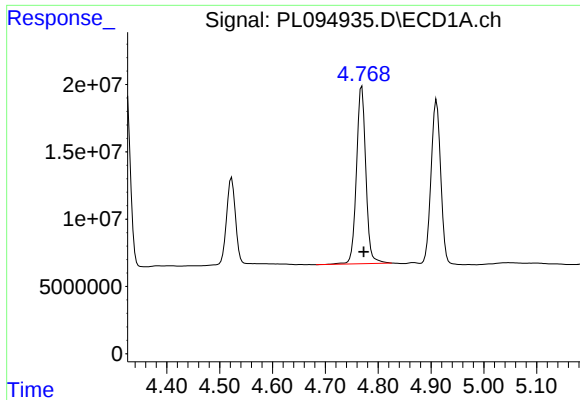
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 74415110  
Conc: 40.33 ng/ml



#6 beta-BHC

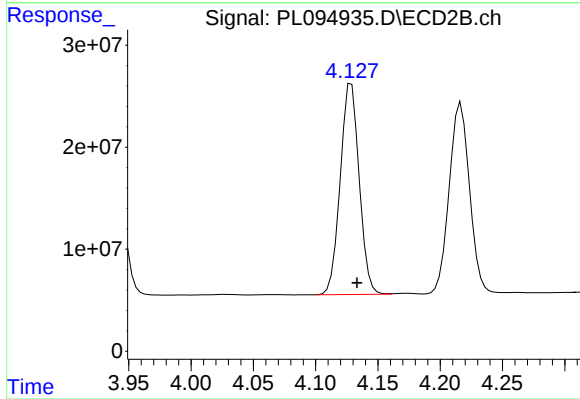
R.T.: 3.900 min  
Delta R.T.: -0.004 min  
Response: 99541909  
Conc: 44.81 ng/ml



#7 delta-BHC

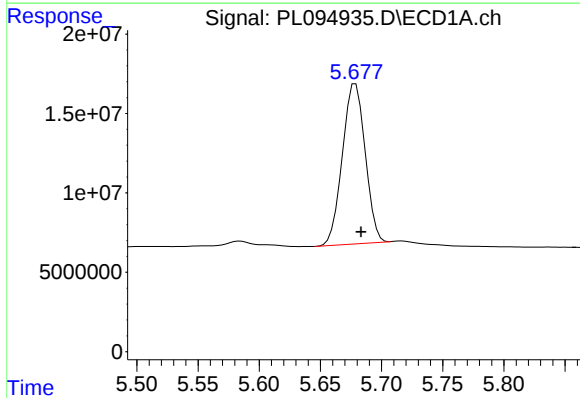
R.T.: 4.769 min  
Delta R.T.: -0.004 min  
Response: 162499829  
Conc: 41.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



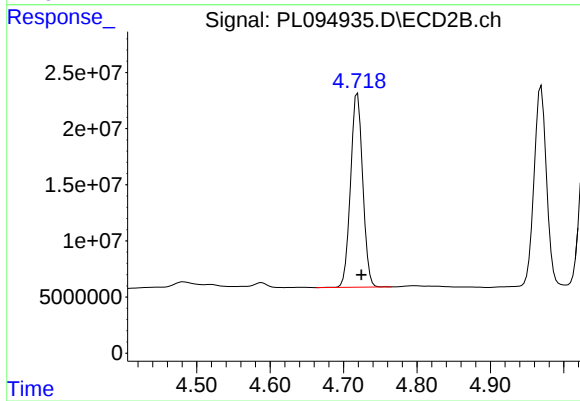
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: -0.005 min  
Response: 220087977  
Conc: 44.00 ng/ml



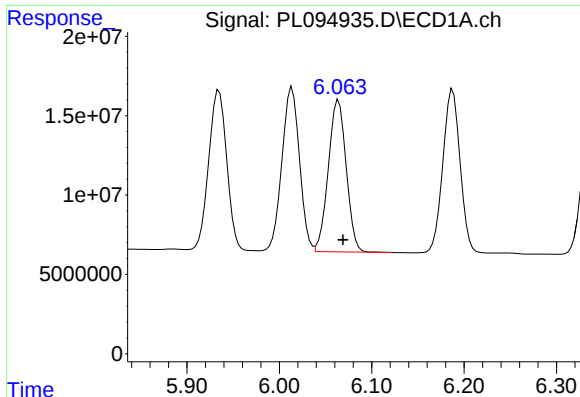
#8 Heptachlor epoxide

R.T.: 5.679 min  
Delta R.T.: -0.004 min  
Response: 130782031  
Conc: 39.10 ng/ml



#8 Heptachlor epoxide

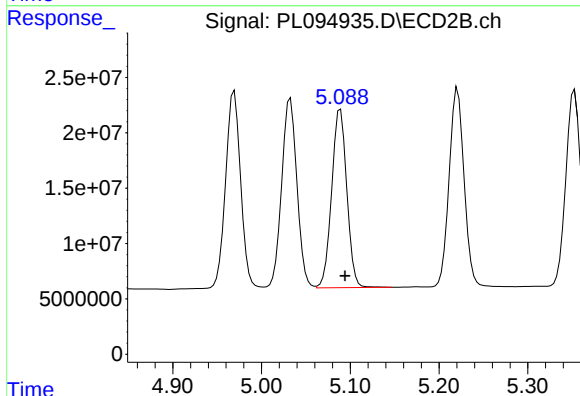
R.T.: 4.719 min  
Delta R.T.: -0.005 min  
Response: 198737958  
Conc: 43.41 ng/ml



#9 Endosulfan I

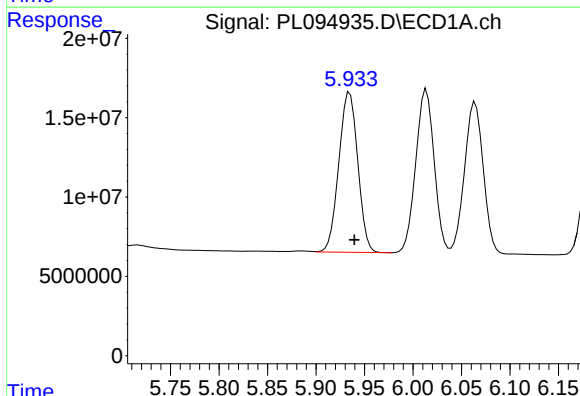
R.T.: 6.064 min  
Delta R.T.: -0.005 min  
Response: 128774783  
Conc: 41.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



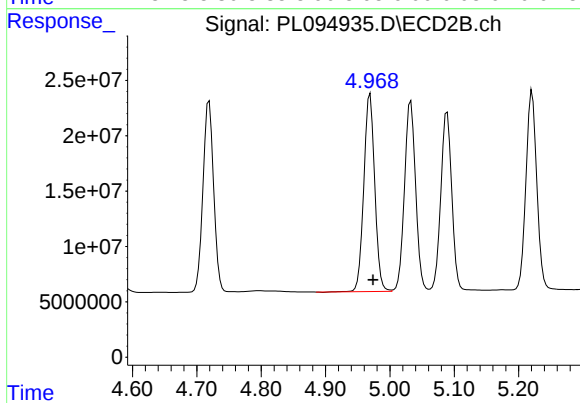
#9 Endosulfan I

R.T.: 5.089 min  
Delta R.T.: -0.005 min  
Response: 191018443  
Conc: 43.52 ng/ml



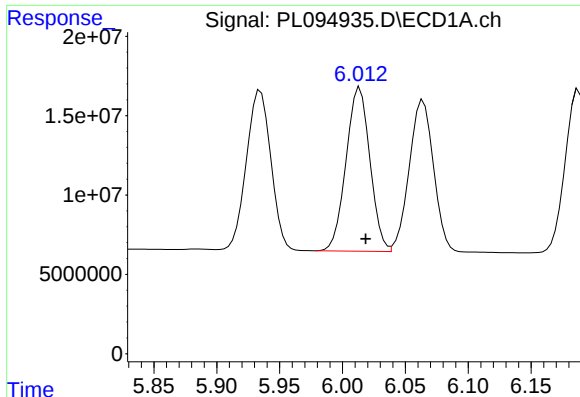
#10 gamma-Chlordane

R.T.: 5.935 min  
Delta R.T.: -0.005 min  
Response: 137042031  
Conc: 40.67 ng/ml



#10 gamma-Chlordane

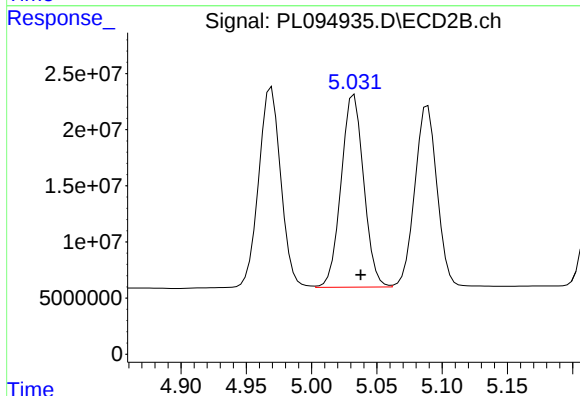
R.T.: 4.969 min  
Delta R.T.: -0.005 min  
Response: 210309794  
Conc: 43.56 ng/ml



#11 alpha-Chlordane

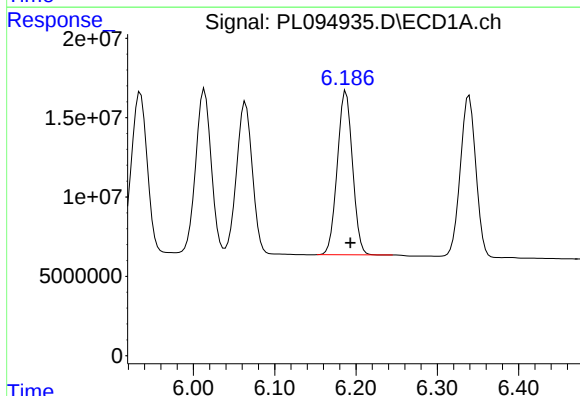
R.T.: 6.014 min  
Delta R.T.: -0.005 min  
Response: 136487092  
Conc: 41.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



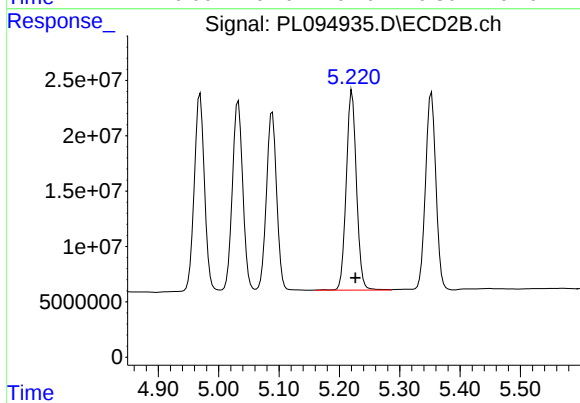
#11 alpha-Chlordane

R.T.: 5.033 min  
Delta R.T.: -0.005 min  
Response: 206398983  
Conc: 43.25 ng/ml



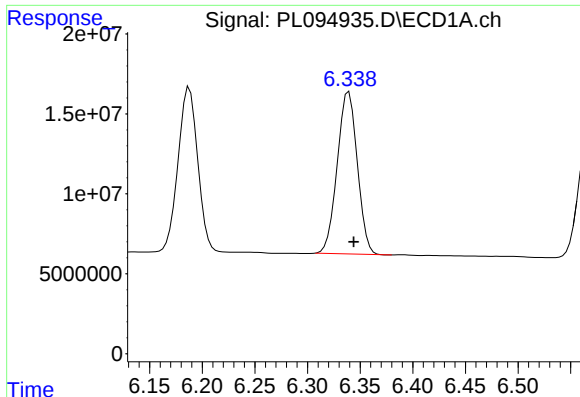
#12 4,4'-DDE

R.T.: 6.188 min  
Delta R.T.: -0.005 min  
Response: 133802628  
Conc: 45.48 ng/ml



#12 4,4'-DDE

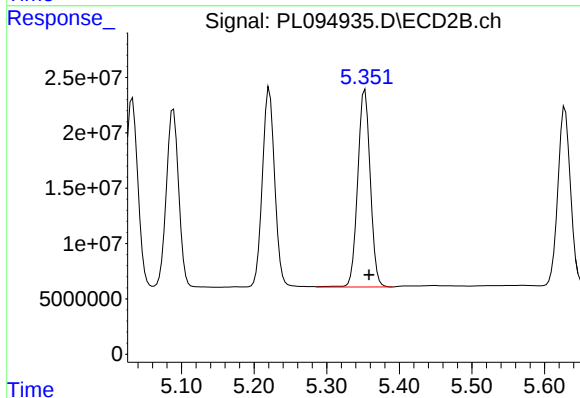
R.T.: 5.221 min  
Delta R.T.: -0.006 min  
Response: 212483640  
Conc: 45.71 ng/ml



#13 Dieldrin

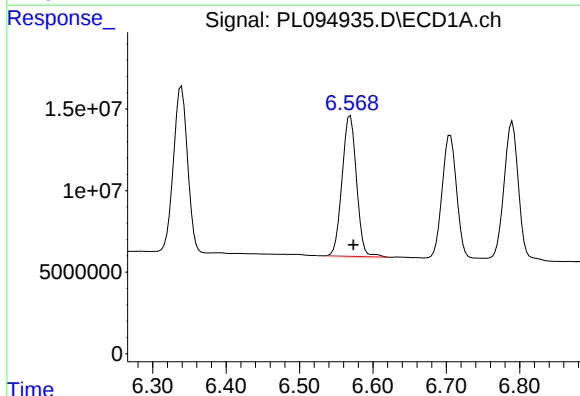
R.T.: 6.339 min  
Delta R.T.: -0.005 min  
Response: 135022930  
Conc: 42.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



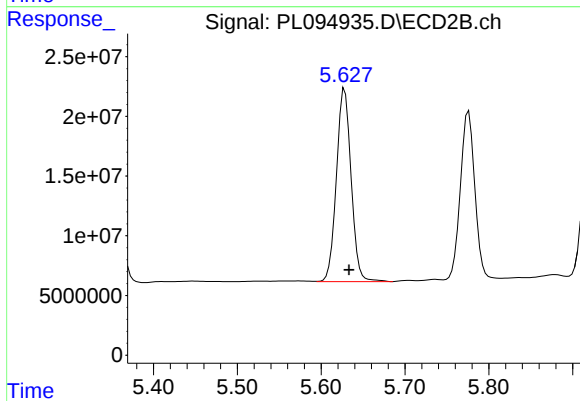
#13 Dieldrin

R.T.: 5.353 min  
Delta R.T.: -0.006 min  
Response: 213850758  
Conc: 44.08 ng/ml



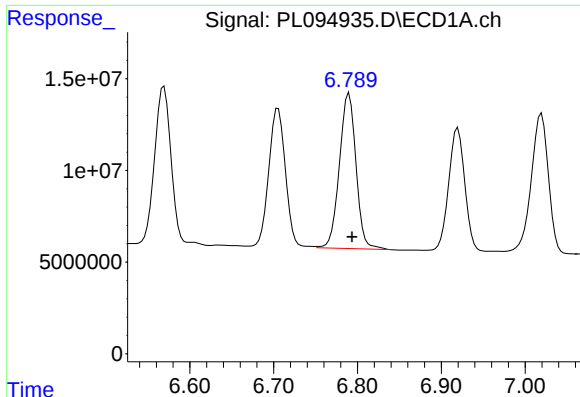
#14 Endrin

R.T.: 6.569 min  
Delta R.T.: -0.005 min  
Response: 118320552  
Conc: 42.68 ng/ml



#14 Endrin

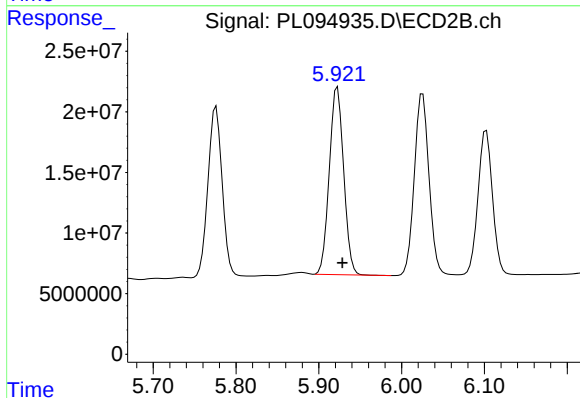
R.T.: 5.628 min  
Delta R.T.: -0.005 min  
Response: 197010193  
Conc: 45.15 ng/ml



#15 Endosulfan II

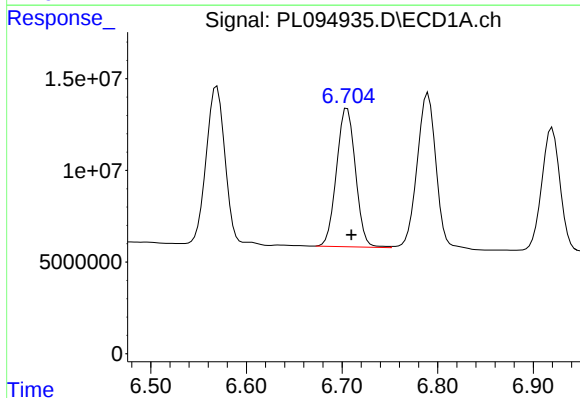
R.T.: 6.790 min  
Delta R.T.: -0.004 min  
Response: 116613931  
Conc: 42.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



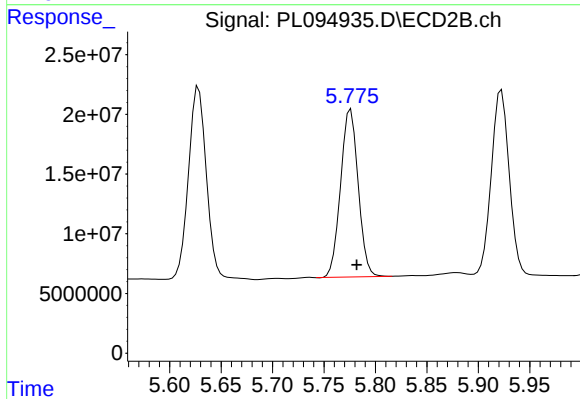
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: -0.006 min  
Response: 186353598  
Conc: 43.06 ng/ml



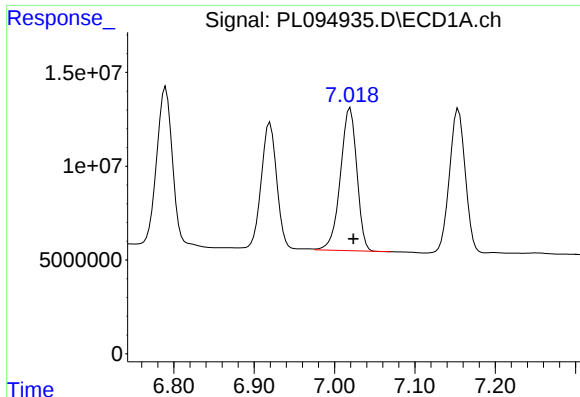
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: -0.005 min  
Response: 104302625  
Conc: 48.15 ng/ml



#16 4,4'-DDD

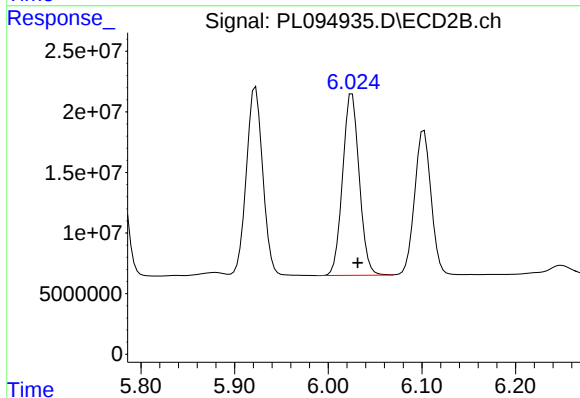
R.T.: 5.776 min  
Delta R.T.: -0.006 min  
Response: 167265582  
Conc: 46.52 ng/ml



#17 4,4'-DDT

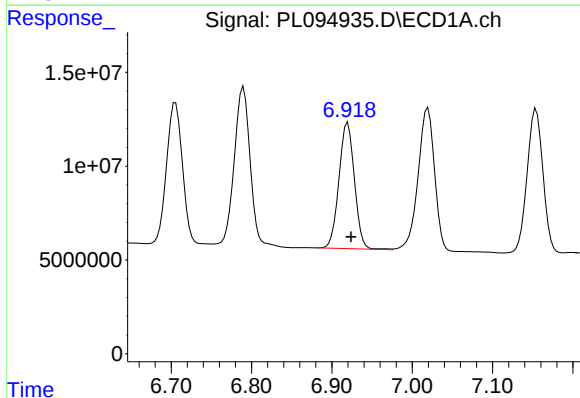
R.T.: 7.020 min  
Delta R.T.: -0.004 min  
Response: 107915948  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



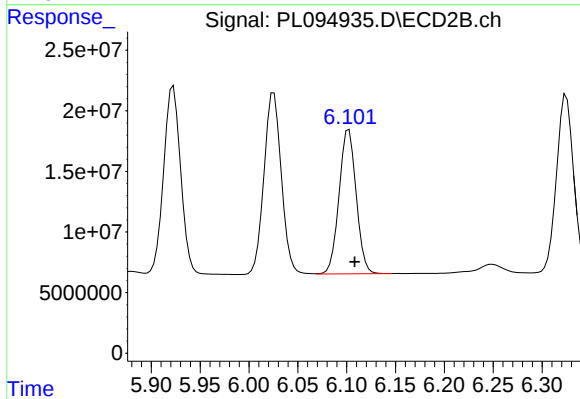
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: -0.006 min  
Response: 185165676  
Conc: 45.92 ng/ml



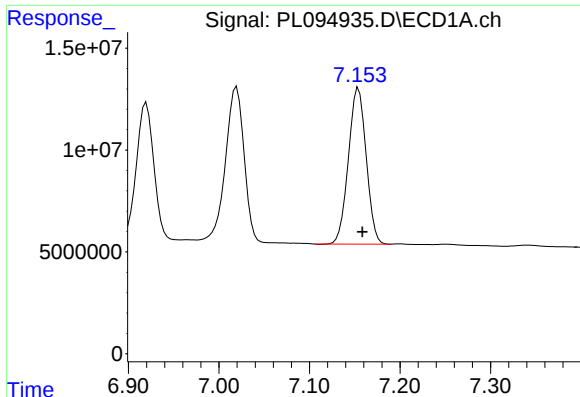
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: -0.004 min  
Response: 89859479  
Conc: 42.57 ng/ml



#18 Endrin aldehyde

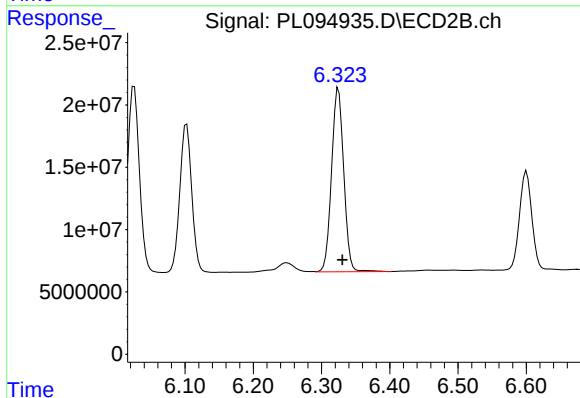
R.T.: 6.102 min  
Delta R.T.: -0.006 min  
Response: 145075927  
Conc: 43.11 ng/ml



#19 Endosulfan Sulfate

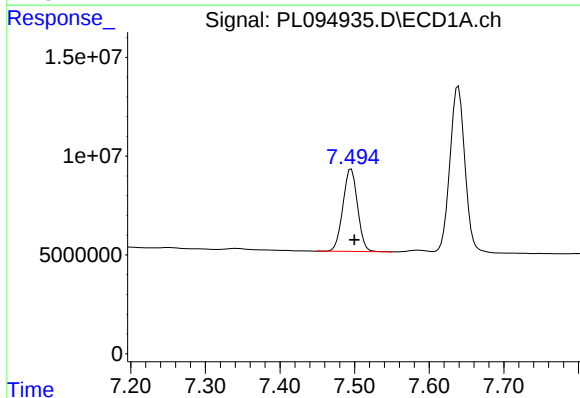
R.T.: 7.154 min  
Delta R.T.: -0.004 min  
Response: 104743094  
Conc: 43.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



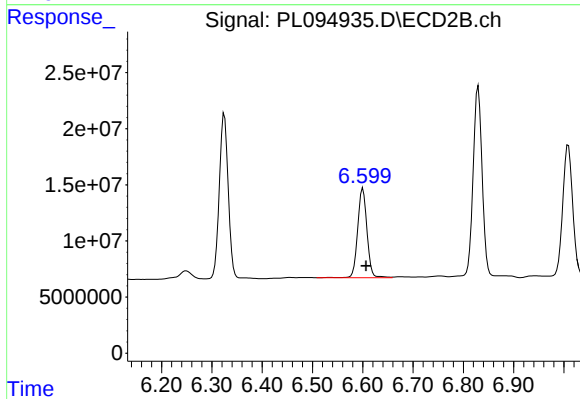
#19 Endosulfan Sulfate

R.T.: 6.325 min  
Delta R.T.: -0.006 min  
Response: 182389843  
Conc: 44.78 ng/ml



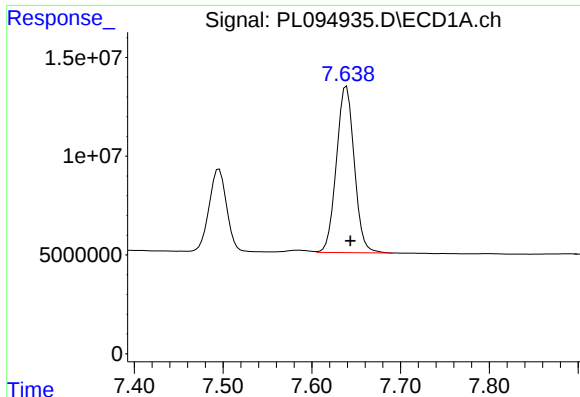
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: -0.004 min  
Response: 56790187  
Conc: 47.44 ng/ml



#20 Methoxychlor

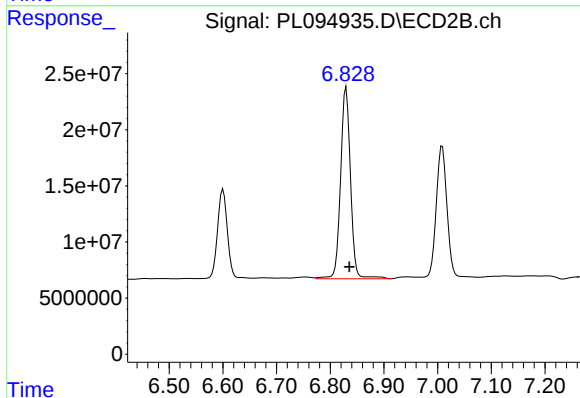
R.T.: 6.600 min  
Delta R.T.: -0.007 min  
Response: 102819031  
Conc: 48.48 ng/ml



#21 Endrin ketone

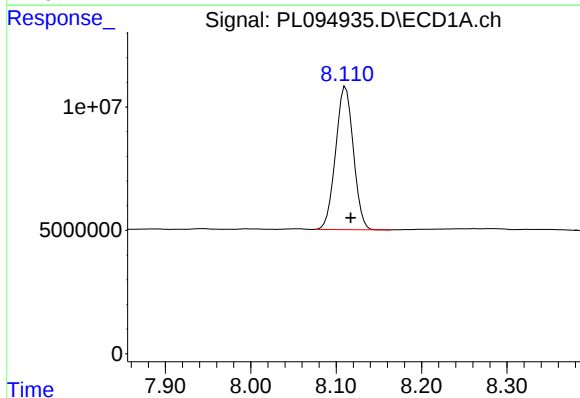
R.T.: 7.639 min  
Delta R.T.: -0.004 min  
Response: 117595280  
Conc: 44.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



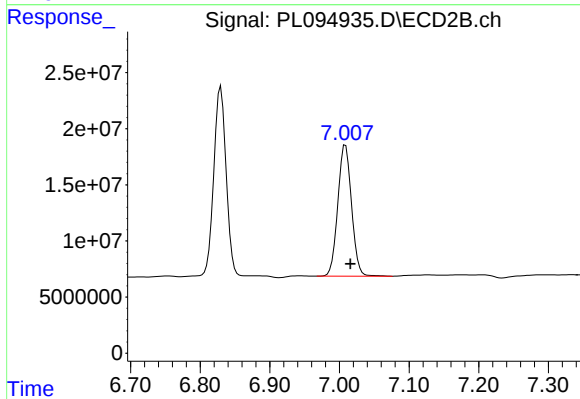
#21 Endrin ketone

R.T.: 6.830 min  
Delta R.T.: -0.006 min  
Response: 219300678  
Conc: 45.95 ng/ml



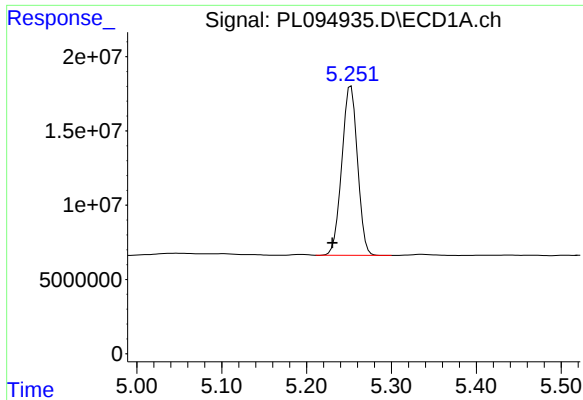
#22 Mirex

R.T.: 8.111 min  
Delta R.T.: -0.006 min  
Response: 83691493  
Conc: 40.50 ng/ml



#22 Mirex

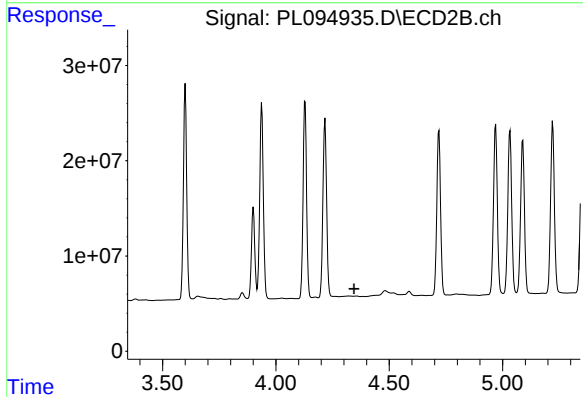
R.T.: 7.009 min  
Delta R.T.: -0.007 min  
Response: 160395854  
Conc: 42.26 ng/ml



#24 Chlordane-2

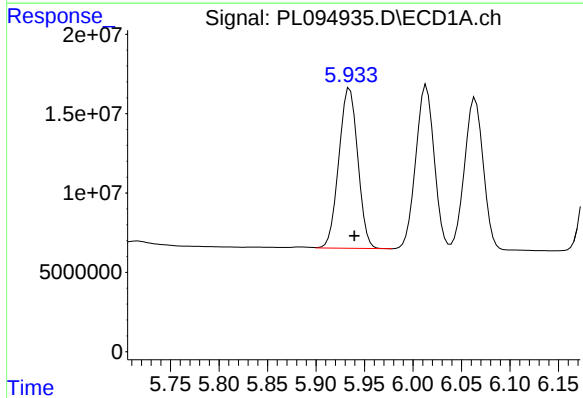
R.T.: 5.252 min  
Delta R.T.: 0.022 min  
Response: 146293049  
Conc: 966.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



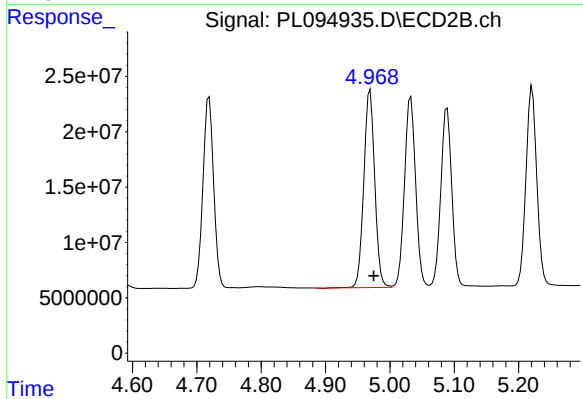
#24 Chlordane-2

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



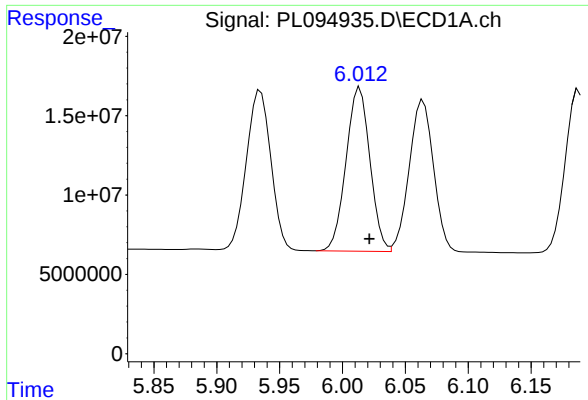
#25 Chlordane-3

R.T.: 5.935 min  
Delta R.T.: -0.005 min  
Response: 137042031  
Conc: 274.18 ng/ml



#25 Chlordane-3

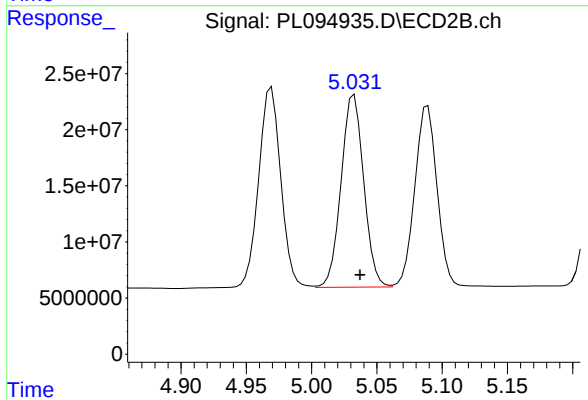
R.T.: 4.969 min  
Delta R.T.: -0.006 min  
Response: 210309794  
Conc: 395.32 ng/ml



#26 Chlordane-4

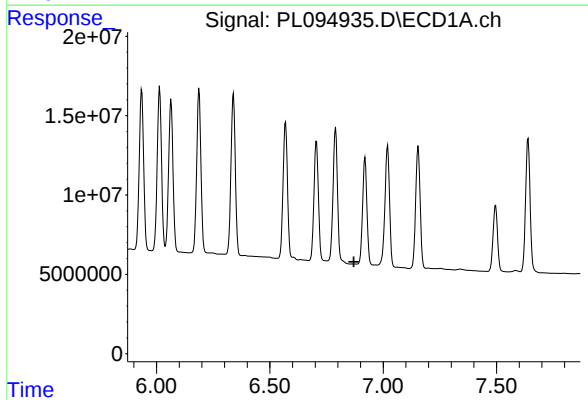
R.T.: 6.014 min  
Delta R.T.: -0.008 min  
Response: 136487092  
Conc: 231.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



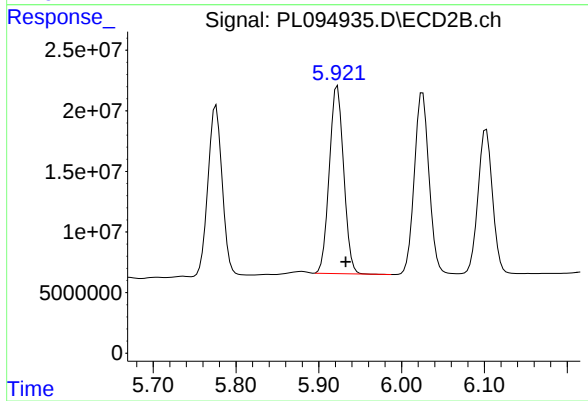
#26 Chlordane-4

R.T.: 5.033 min  
Delta R.T.: -0.005 min  
Response: 206398983  
Conc: 396.49 ng/ml



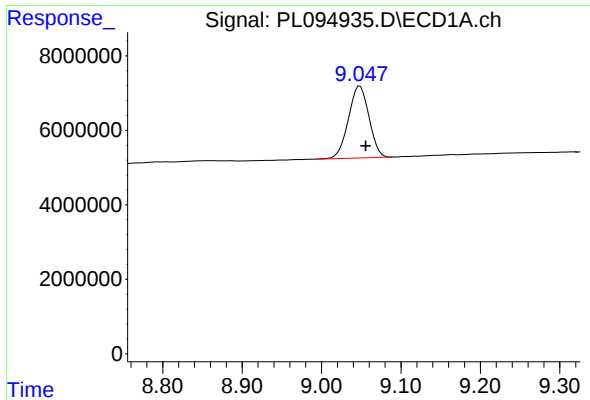
#27 Chlordane-5

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



#27 Chlordane-5

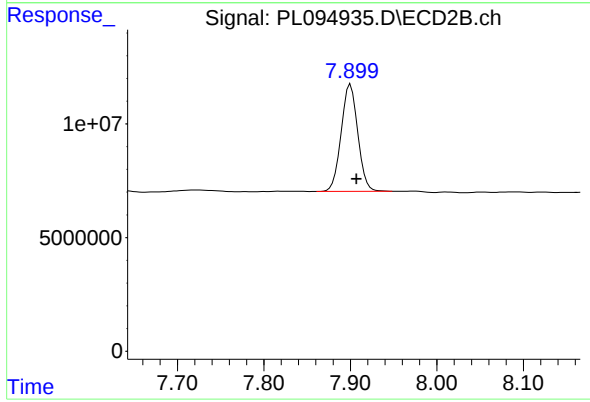
R.T.: 5.923 min  
Delta R.T.: -0.010 min  
Response: 186353598  
Conc: 971.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.048 min  
Delta R.T.: -0.007 min  
Response: 34744174  
Conc: 16.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: -0.007 min  
Response: 62860872  
Conc: 15.56 ng/ml