

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040225\  
 Data File : PL095011.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Apr 2025 15:41  
 Operator : AR\AJ  
 Sample : PB167395BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 01:23:12 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 | 51763299 | 67906648 | 18.287   | 19.025     |
| 28)                         | SA Decachlor... | 9.049  | 7.900 | 45702037 | 83056125 | 21.686   | 20.562     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.992  | 3.271 | 196.9E6  | 296.4E6  | 47.430   | 54.977     |
| 3)                          | MA gamma-BHC... | 4.324  | 3.600 | 188.4E6  | 269.3E6  | 47.221   | 52.407     |
| 4)                          | MA Heptachlor   | 4.912  | 3.938 | 180.7E6  | 270.3E6  | 46.563   | 51.302     |
| 5)                          | MB Aldrin       | 5.253  | 4.217 | 173.0E6  | 249.0E6  | 46.863   | 51.070     |
| 6)                          | B beta-BHC      | 4.523  | 3.901 | 87051802 | 117.0E6  | 47.177   | 52.672     |
| 7)                          | B delta-BHC     | 4.770  | 4.129 | 191.2E6  | 258.7E6  | 49.085   | 51.725     |
| 8)                          | B Heptachlo...  | 5.679  | 4.719 | 156.5E6  | 235.1E6  | 46.791   | 51.347     |
| 9)                          | A Endosulfan I  | 6.065  | 5.089 | 152.6E6  | 226.8E6  | 49.714   | 51.688     |
| 10)                         | B gamma-Chl...  | 5.936  | 4.969 | 163.9E6  | 247.1E6  | 48.629   | 51.183     |
| 11)                         | B alpha-Chl...  | 6.014  | 5.032 | 162.5E6  | 243.8E6  | 49.300   | 51.078     |
| 12)                         | B 4,4'-DDE      | 6.189  | 5.221 | 162.8E6  | 250.2E6  | 55.336   | 53.830     |
| 13)                         | MA Dieldrin     | 6.340  | 5.352 | 162.5E6  | 251.4E6  | 50.795   | 51.816     |
| 14)                         | MA Endrin       | 6.570  | 5.628 | 141.2E6  | 232.8E6  | 50.933   | 53.343     |
| 15)                         | B Endosulfa...  | 6.790  | 5.923 | 140.1E6  | 227.8E6  | 51.624   | 52.624     |
| 16)                         | A 4,4'-DDD      | 6.706  | 5.776 | 123.7E6  | 204.1E6  | 57.093   | 56.754     |
| 17)                         | MA 4,4'-DDT     | 7.019  | 6.026 | 133.2E6  | 228.8E6  | 55.992   | 56.741     |
| 18)                         | B Endrin al...  | 6.920  | 6.102 | 107.7E6  | 179.5E6  | 51.019   | 53.327     |
| 19)                         | B Endosulfa...  | 7.155  | 6.325 | 125.4E6  | 222.7E6  | 51.549   | 54.662     |
| 20)                         | A Methoxychlor  | 7.496  | 6.600 | 69647032 | 124.2E6  | 58.181   | 58.545     |
| 21)                         | B Endrin ke...  | 7.639  | 6.830 | 139.1E6  | 258.6E6  | 52.625   | 54.188     |
| 22)                         | Mirex           | 8.111  | 7.009 | 102.1E6  | 194.9E6  | 49.434   | 51.343     |
| 24)                         | Chlordane-2     | 5.253f | 0.000 | 173.0E6  | 0        | 1143.584 | N.D. #     |
| 25)                         | Chlordane-3     | 5.936  | 4.969 | 163.9E6  | 247.1E6  | 327.819  | 464.536 #  |
| 26)                         | Chlordane-4     | 6.014  | 5.032 | 162.5E6  | 243.8E6  | 275.907  | 468.314 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.923 | 0        | 227.8E6  | N.D.     | 1187.321 # |
| -----                       |                 |        |       |          |          |          |            |

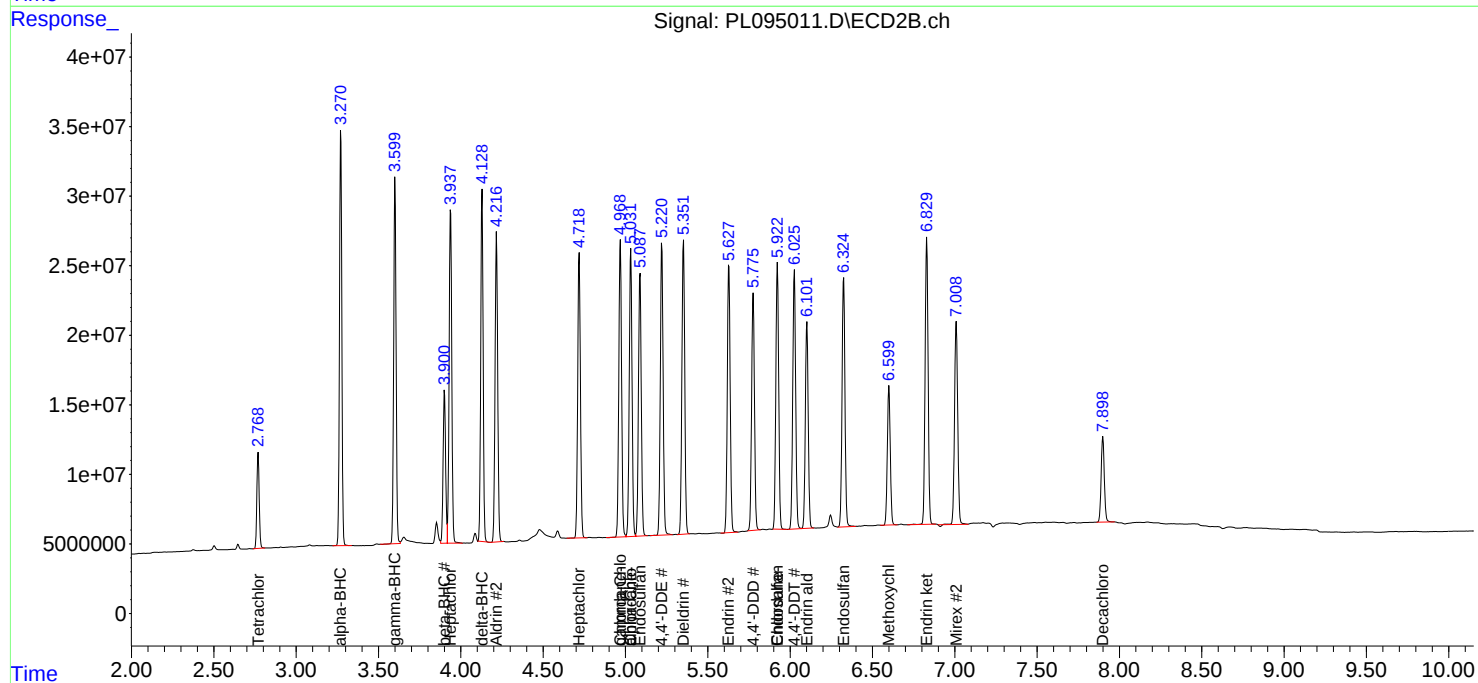
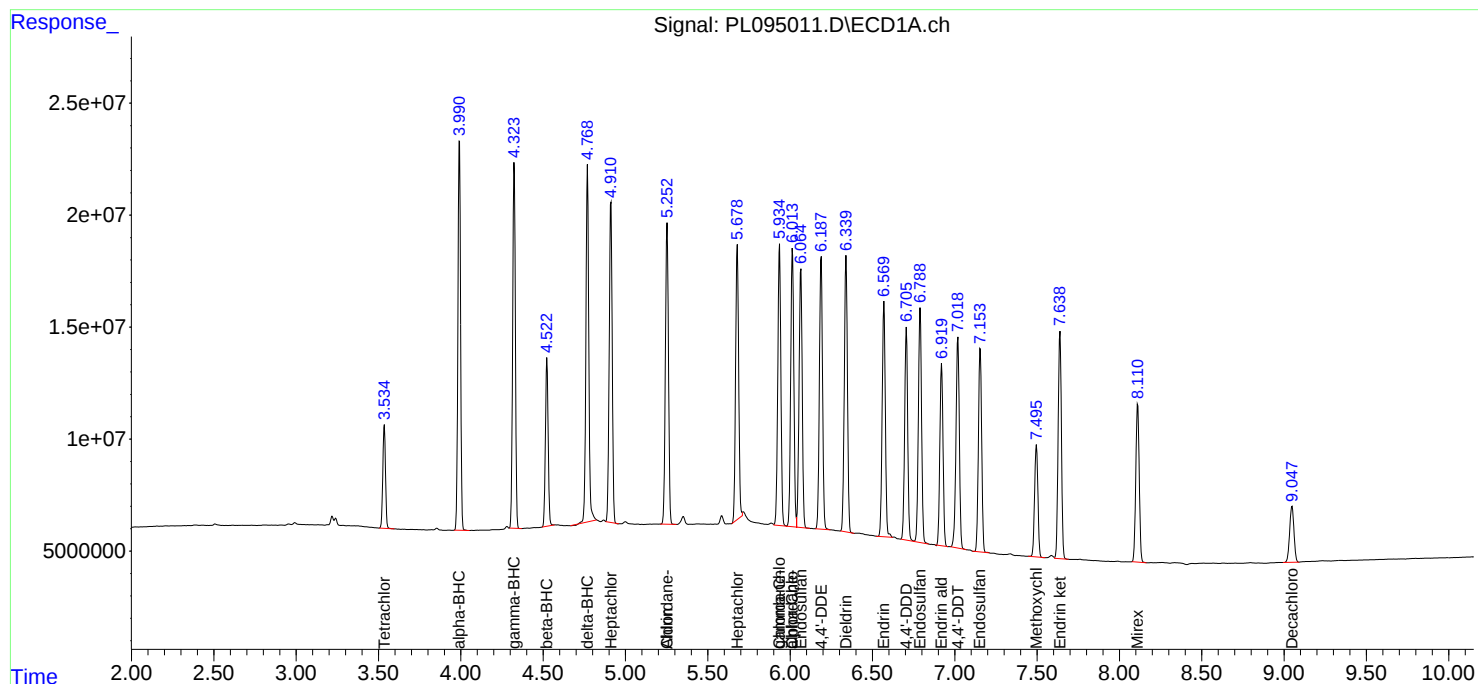
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

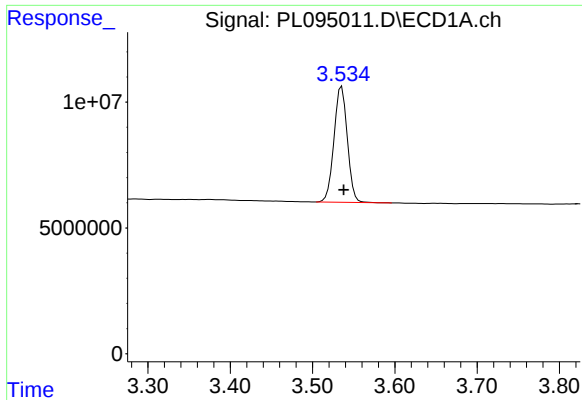
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040225\  
Data File : PL095011.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Apr 2025 15:41  
Operator : AR\AJ  
Sample : PB167395BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 01:23:12 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

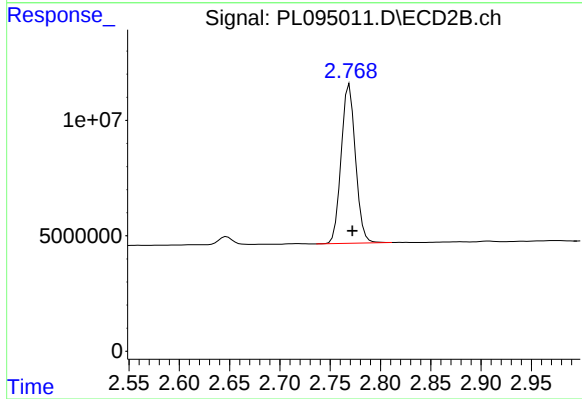




#1 Tetrachloro-m-xylene

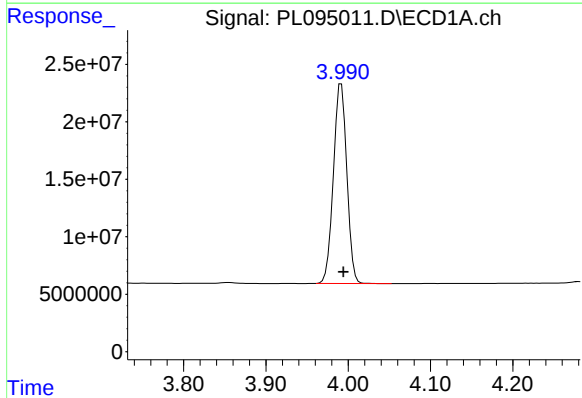
R.T.: 3.535 min  
Delta R.T.: -0.003 min  
Response: 51763299  
Conc: 18.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



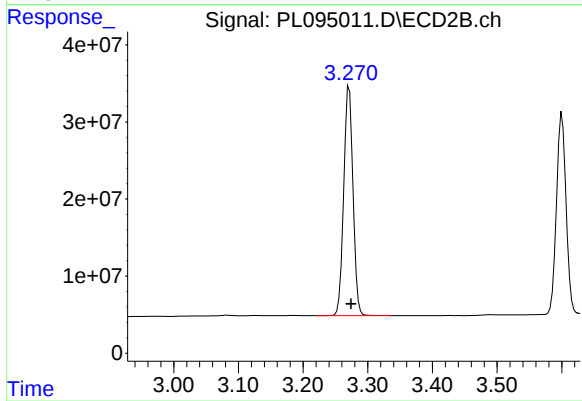
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.003 min  
Response: 67906648  
Conc: 19.03 ng/ml



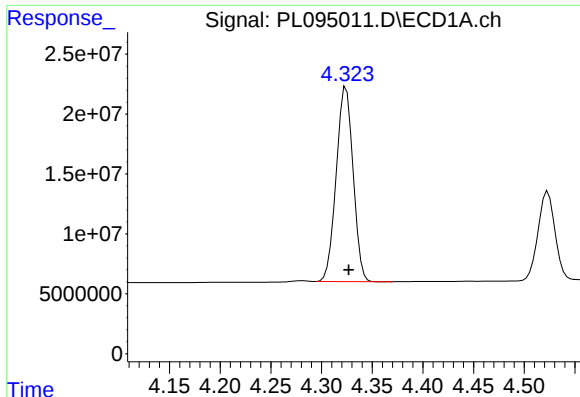
#2 alpha-BHC

R.T.: 3.992 min  
Delta R.T.: -0.003 min  
Response: 196944145  
Conc: 47.43 ng/ml



#2 alpha-BHC

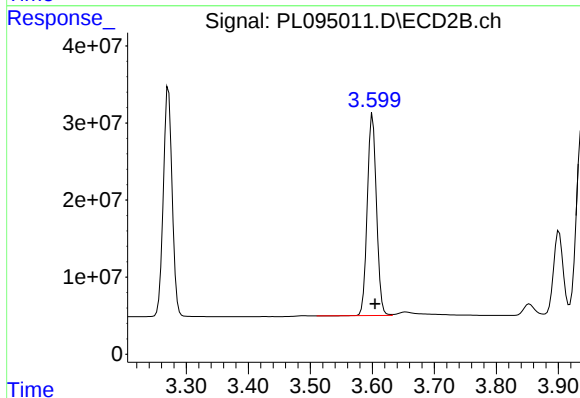
R.T.: 3.271 min  
Delta R.T.: -0.003 min  
Response: 296399081  
Conc: 54.98 ng/ml



#3 gamma-BHC (Lindane)

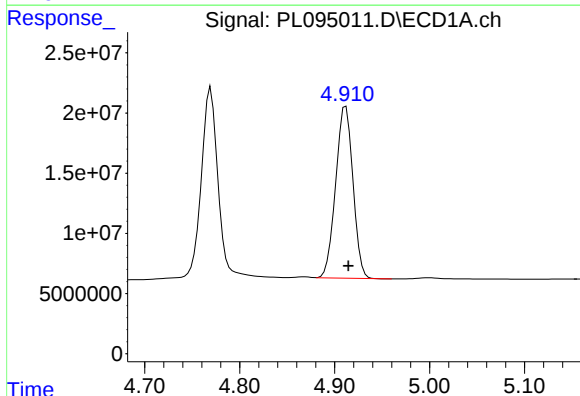
R.T.: 4.324 min  
Delta R.T.: -0.003 min  
Response: 188425895  
Conc: 47.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



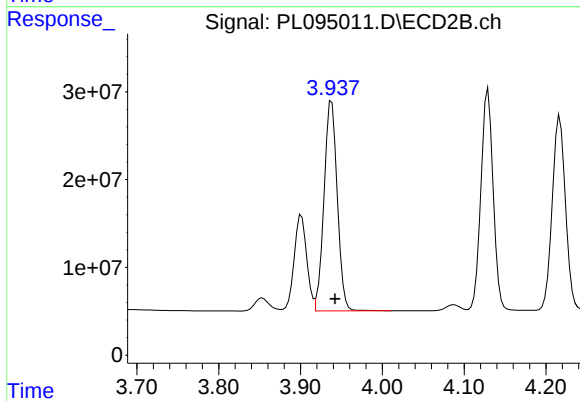
#3 gamma-BHC (Lindane)

R.T.: 3.600 min  
Delta R.T.: -0.004 min  
Response: 269341322  
Conc: 52.41 ng/ml



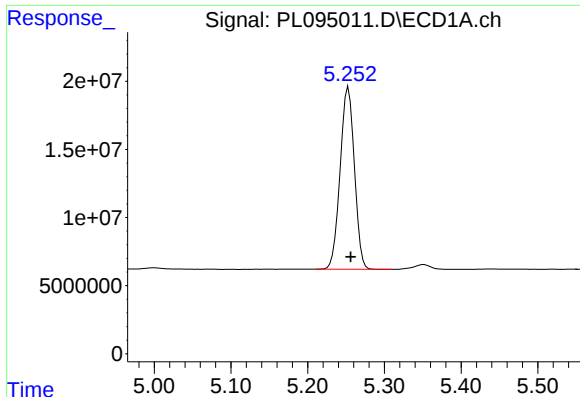
#4 Heptachlor

R.T.: 4.912 min  
Delta R.T.: -0.003 min  
Response: 180739769  
Conc: 46.56 ng/ml



#4 Heptachlor

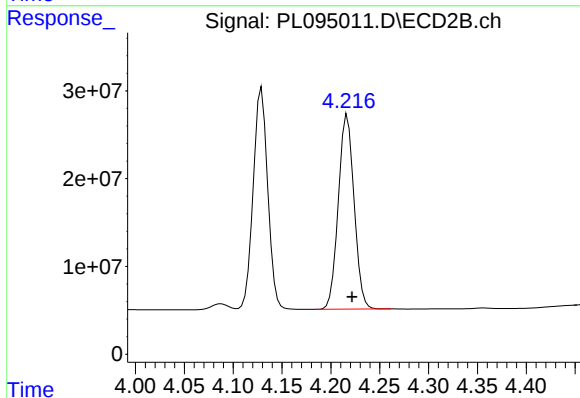
R.T.: 3.938 min  
Delta R.T.: -0.004 min  
Response: 270293277  
Conc: 51.30 ng/ml



#5 Aldrin

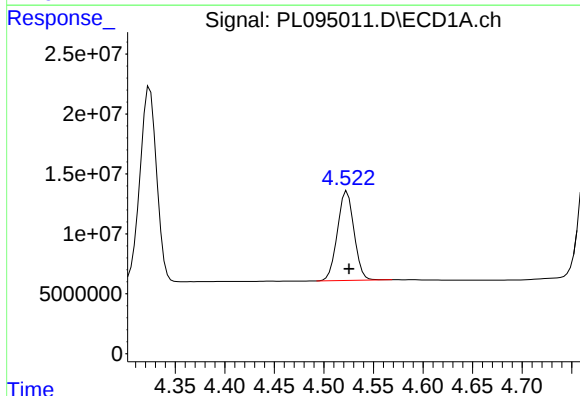
R.T.: 5.253 min  
Delta R.T.: -0.003 min  
Response: 173030125  
Conc: 46.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



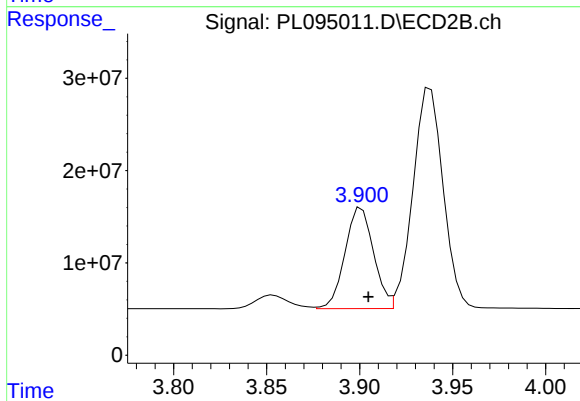
#5 Aldrin

R.T.: 4.217 min  
Delta R.T.: -0.005 min  
Response: 249032890  
Conc: 51.07 ng/ml



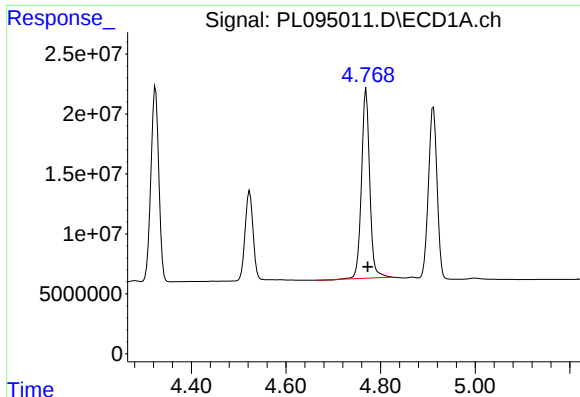
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 87051802  
Conc: 47.18 ng/ml



#6 beta-BHC

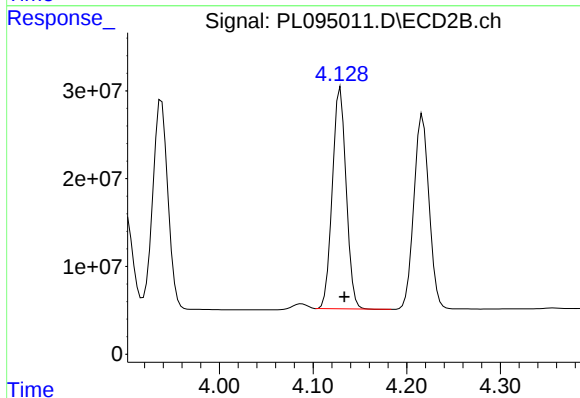
R.T.: 3.901 min  
Delta R.T.: -0.004 min  
Response: 117000878  
Conc: 52.67 ng/ml



#7 delta-BHC

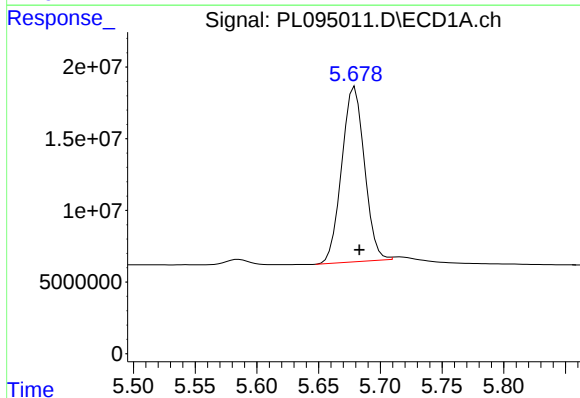
R.T.: 4.770 min  
Delta R.T.: -0.003 min  
Response: 191151618  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



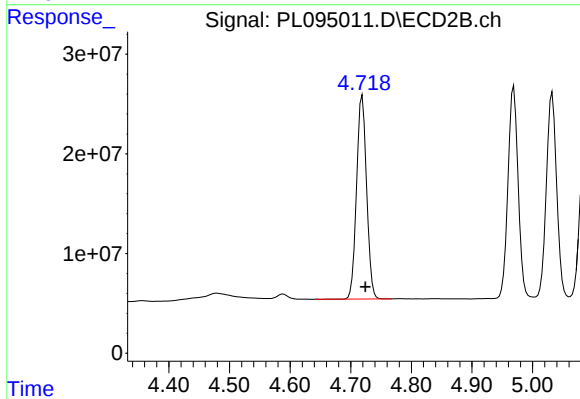
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: -0.004 min  
Response: 258727840  
Conc: 51.73 ng/ml



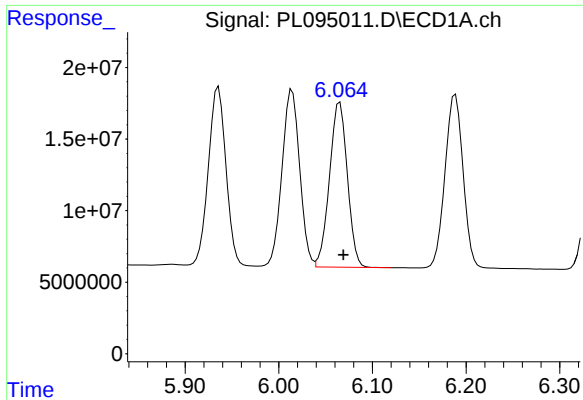
#8 Heptachlor epoxide

R.T.: 5.679 min  
Delta R.T.: -0.004 min  
Response: 156524188  
Conc: 46.79 ng/ml



#8 Heptachlor epoxide

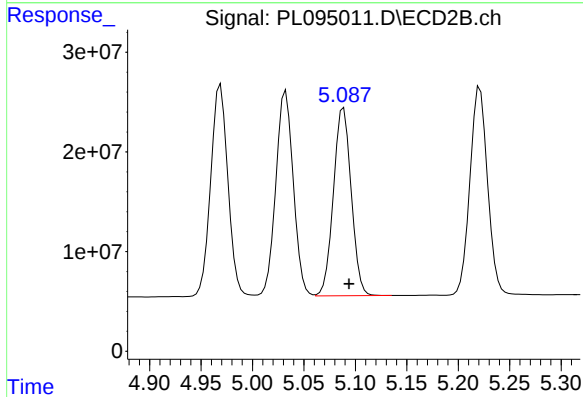
R.T.: 4.719 min  
Delta R.T.: -0.005 min  
Response: 235098810  
Conc: 51.35 ng/ml



#9 Endosulfan I

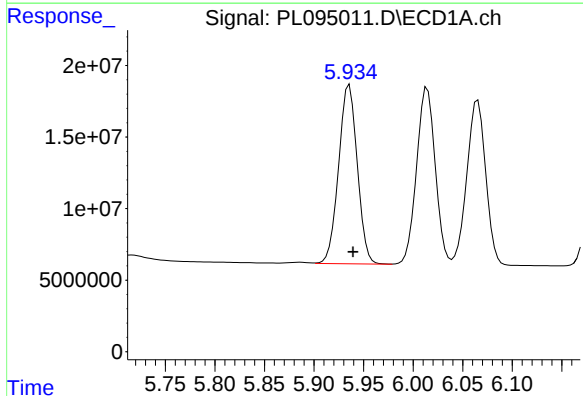
R.T.: 6.065 min  
Delta R.T.: -0.004 min  
Response: 152633636  
Conc: 49.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



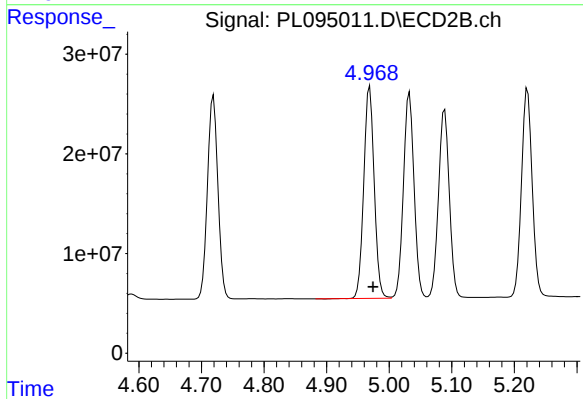
#9 Endosulfan I

R.T.: 5.089 min  
Delta R.T.: -0.005 min  
Response: 226845304  
Conc: 51.69 ng/ml



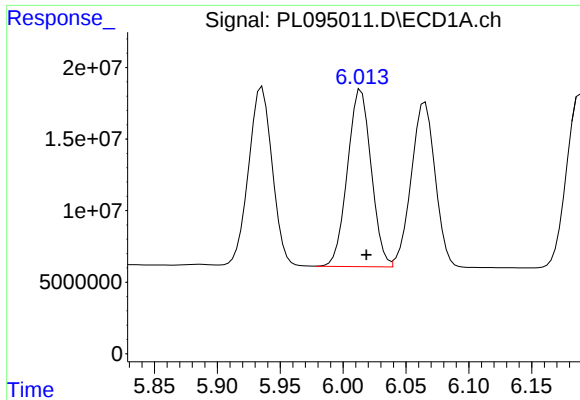
#10 gamma-Chlordane

R.T.: 5.936 min  
Delta R.T.: -0.004 min  
Response: 163850622  
Conc: 48.63 ng/ml



#10 gamma-Chlordane

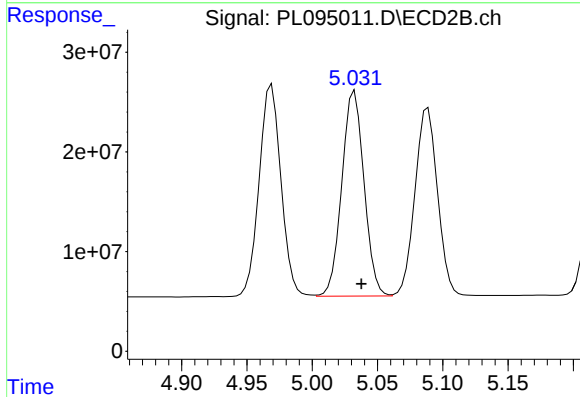
R.T.: 4.969 min  
Delta R.T.: -0.005 min  
Response: 247132187  
Conc: 51.18 ng/ml



#11 alpha-Chlordane

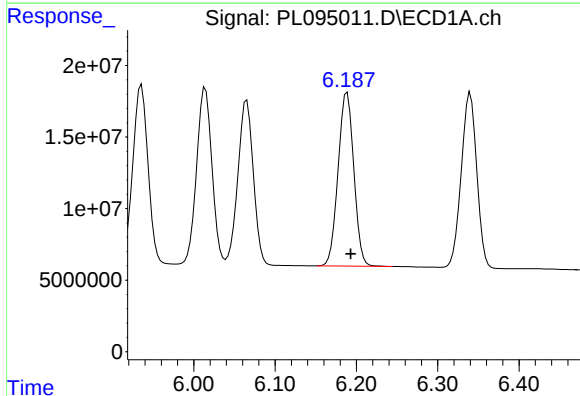
R.T.: 6.014 min  
Delta R.T.: -0.004 min  
Response: 162534957  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



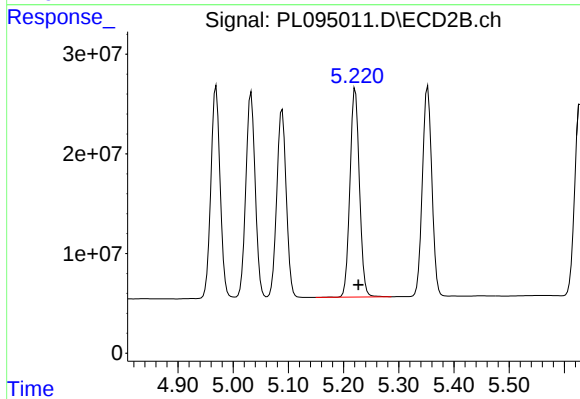
#11 alpha-Chlordane

R.T.: 5.032 min  
Delta R.T.: -0.005 min  
Response: 243785677  
Conc: 51.08 ng/ml



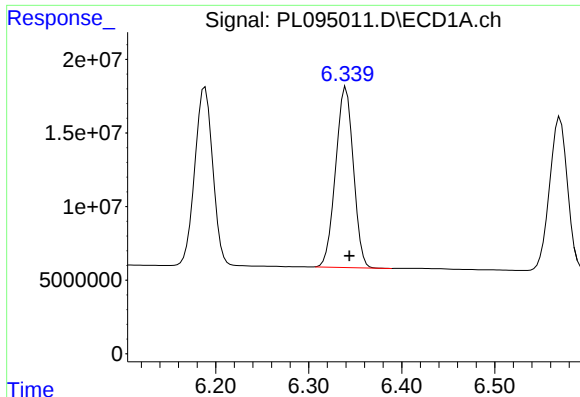
#12 4,4'-DDE

R.T.: 6.189 min  
Delta R.T.: -0.004 min  
Response: 162802339  
Conc: 55.34 ng/ml



#12 4,4'-DDE

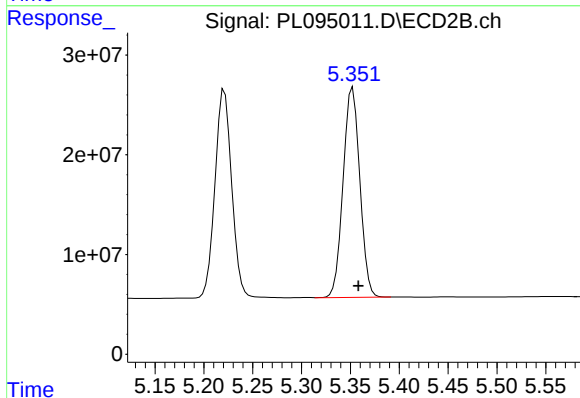
R.T.: 5.221 min  
Delta R.T.: -0.005 min  
Response: 250229282  
Conc: 53.83 ng/ml



#13 Dieldrin

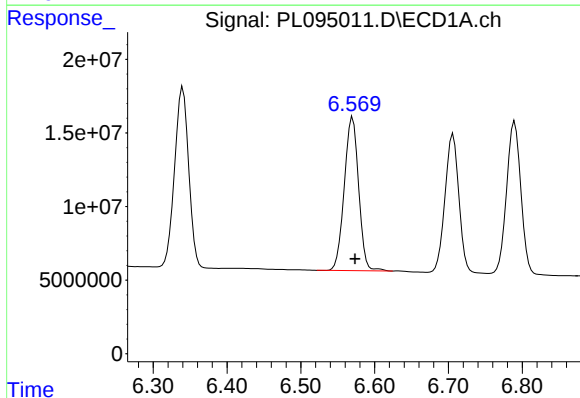
R.T.: 6.340 min  
Delta R.T.: -0.004 min  
Response: 162450464  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



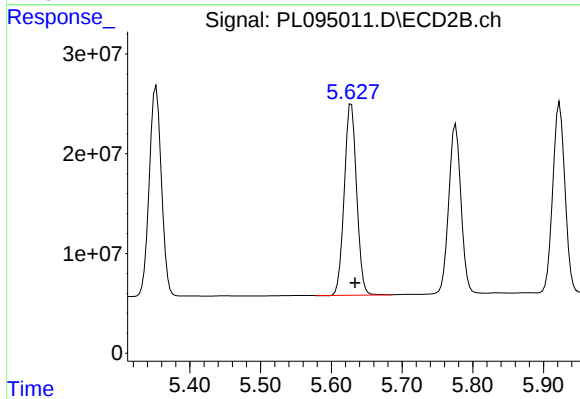
#13 Dieldrin

R.T.: 5.352 min  
Delta R.T.: -0.006 min  
Response: 251402112  
Conc: 51.82 ng/ml



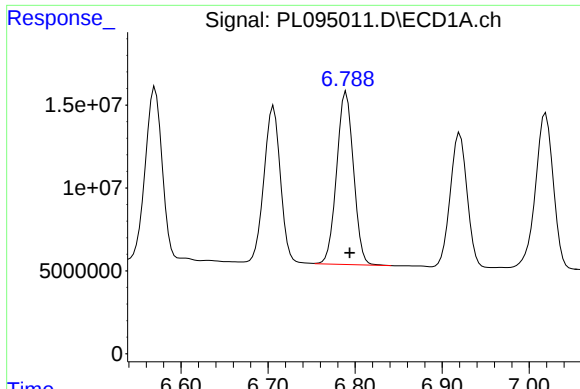
#14 Endrin

R.T.: 6.570 min  
Delta R.T.: -0.003 min  
Response: 141190973  
Conc: 50.93 ng/ml



#14 Endrin

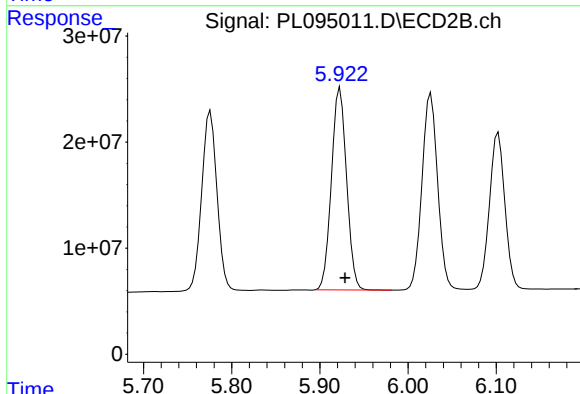
R.T.: 5.628 min  
Delta R.T.: -0.005 min  
Response: 232771212  
Conc: 53.34 ng/ml



#15 Endosulfan II

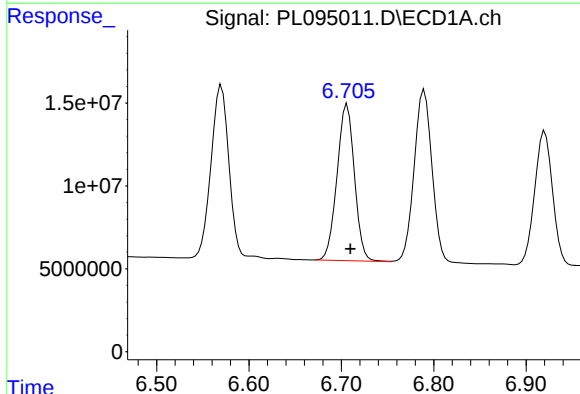
R.T.: 6.790 min  
Delta R.T.: -0.004 min  
Response: 140145597  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



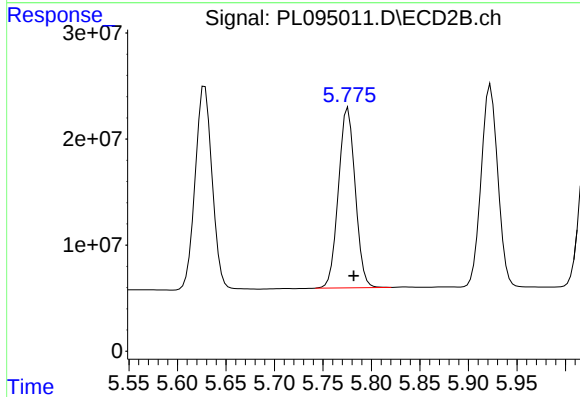
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: -0.006 min  
Response: 227771022  
Conc: 52.62 ng/ml



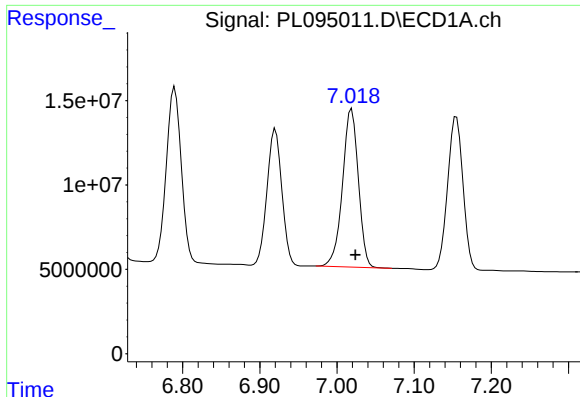
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 123666644  
Conc: 57.09 ng/ml



#16 4,4'-DDD

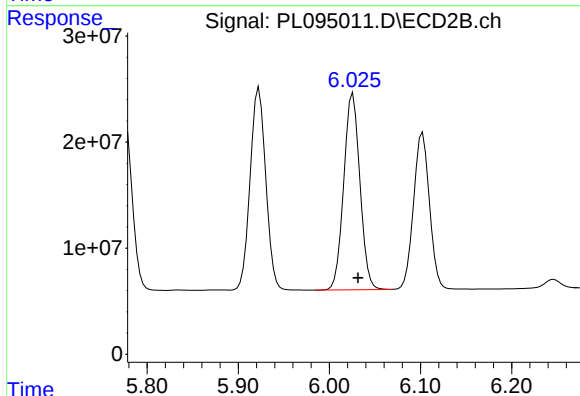
R.T.: 5.776 min  
Delta R.T.: -0.006 min  
Response: 204079513  
Conc: 56.75 ng/ml



#17 4,4'-DDT

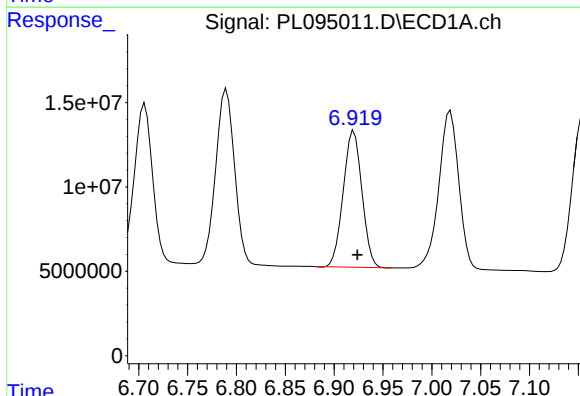
R.T.: 7.019 min  
Delta R.T.: -0.005 min  
Response: 133178070  
Conc: 55.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



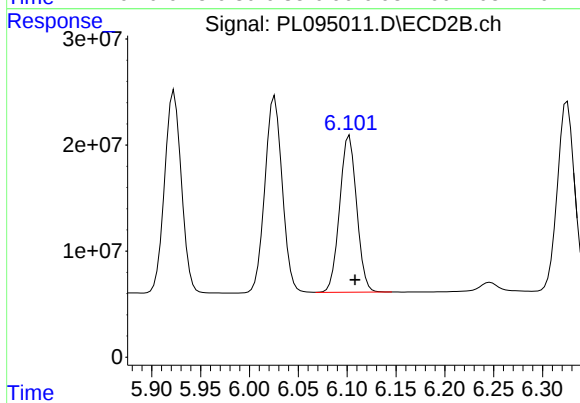
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: -0.006 min  
Response: 228787008  
Conc: 56.74 ng/ml



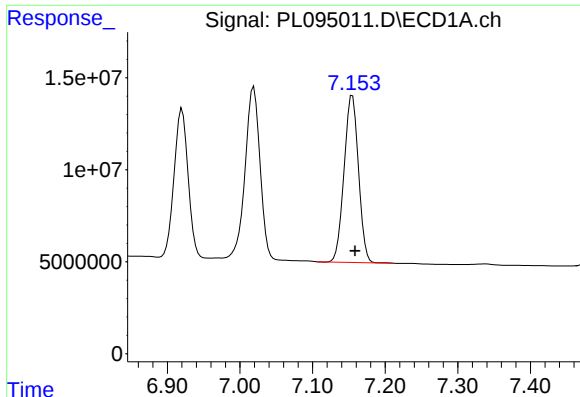
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: 107699992  
Conc: 51.02 ng/ml



#18 Endrin aldehyde

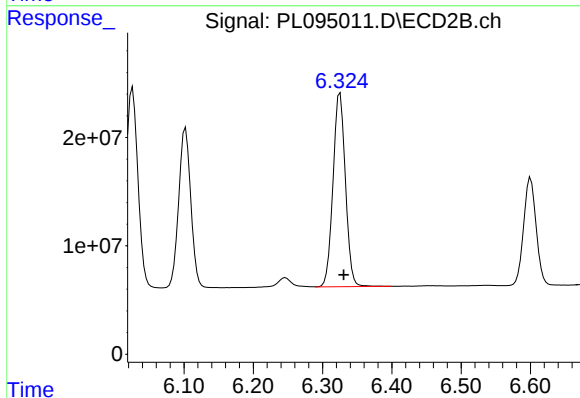
R.T.: 6.102 min  
Delta R.T.: -0.006 min  
Response: 179463367  
Conc: 53.33 ng/ml



#19 Endosulfan Sulfate

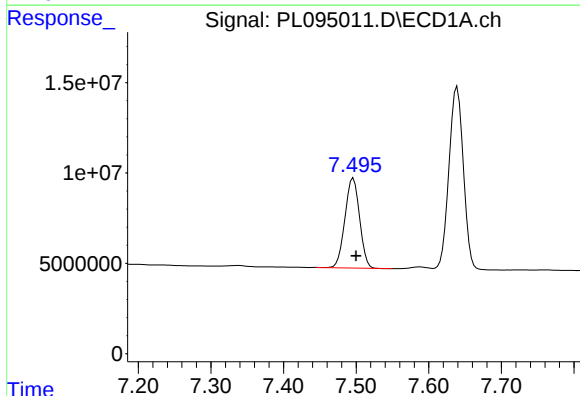
R.T.: 7.155 min  
Delta R.T.: -0.004 min  
Response: 125369093  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



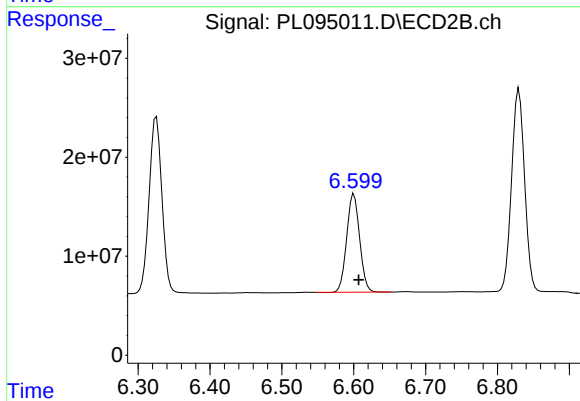
#19 Endosulfan Sulfate

R.T.: 6.325 min  
Delta R.T.: -0.005 min  
Response: 222662150  
Conc: 54.66 ng/ml



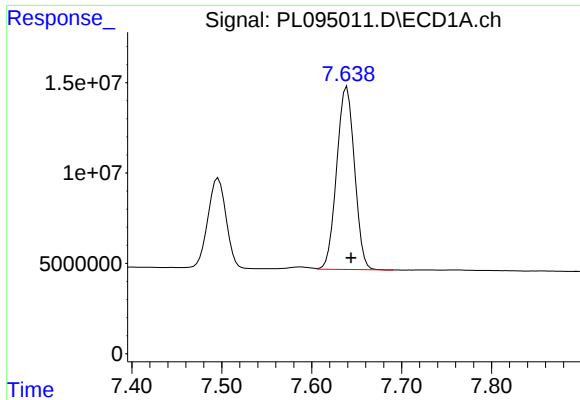
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: -0.004 min  
Response: 69647032  
Conc: 58.18 ng/ml



#20 Methoxychlor

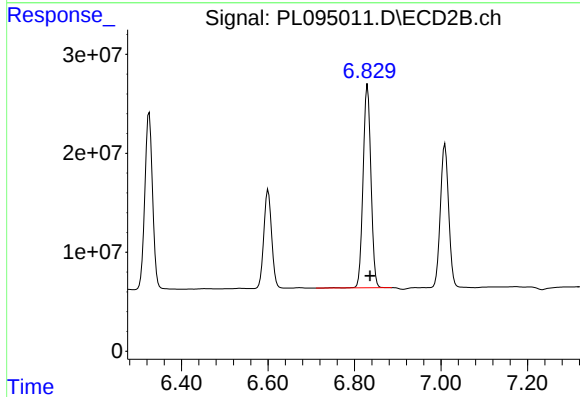
R.T.: 6.600 min  
Delta R.T.: -0.007 min  
Response: 124177611  
Conc: 58.54 ng/ml



#21 Endrin ketone

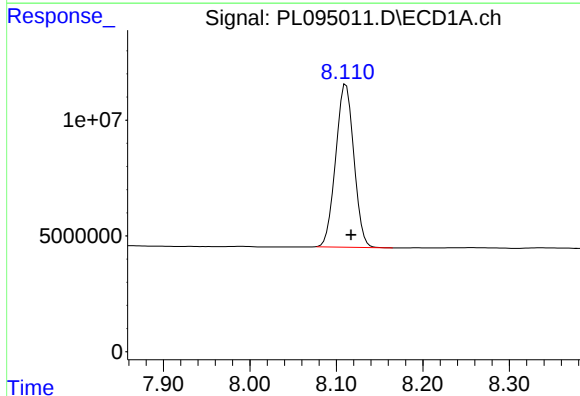
R.T.: 7.639 min  
Delta R.T.: -0.004 min  
Response: 139101001  
Conc: 52.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



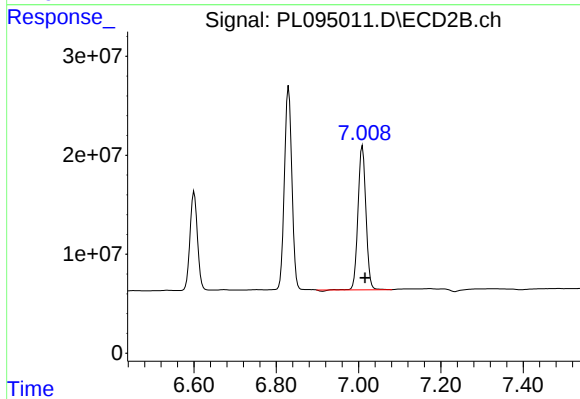
#21 Endrin ketone

R.T.: 6.830 min  
Delta R.T.: -0.006 min  
Response: 258615051  
Conc: 54.19 ng/ml



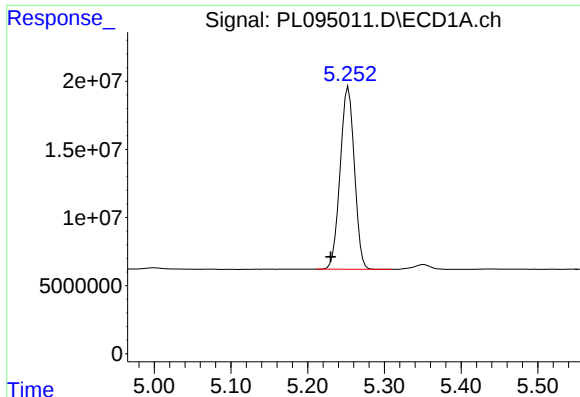
#22 Mirex

R.T.: 8.111 min  
Delta R.T.: -0.006 min  
Response: 102144715  
Conc: 49.43 ng/ml



#22 Mirex

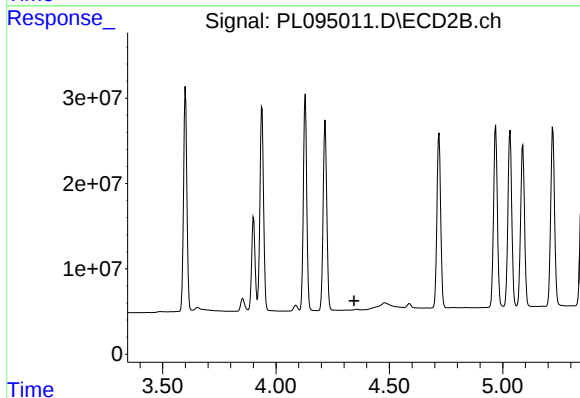
R.T.: 7.009 min  
Delta R.T.: -0.006 min  
Response: 194861150  
Conc: 51.34 ng/ml



#24 Chlordane-2

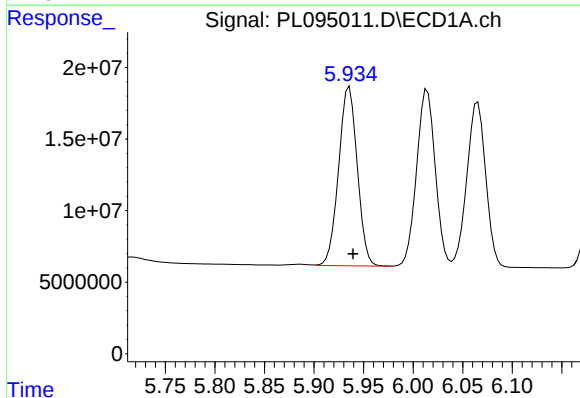
R.T.: 5.253 min  
Delta R.T.: 0.023 min  
Response: 173030125  
Conc: 1143.58 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



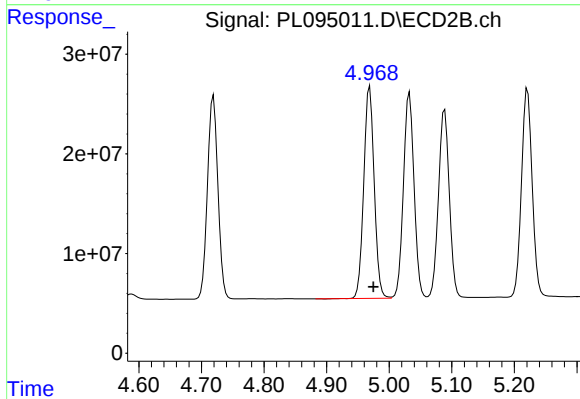
#24 Chlordane-2

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



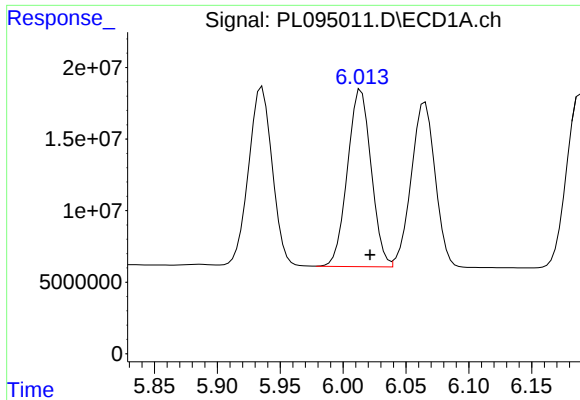
#25 Chlordane-3

R.T.: 5.936 min  
Delta R.T.: -0.004 min  
Response: 163850622  
Conc: 327.82 ng/ml



#25 Chlordane-3

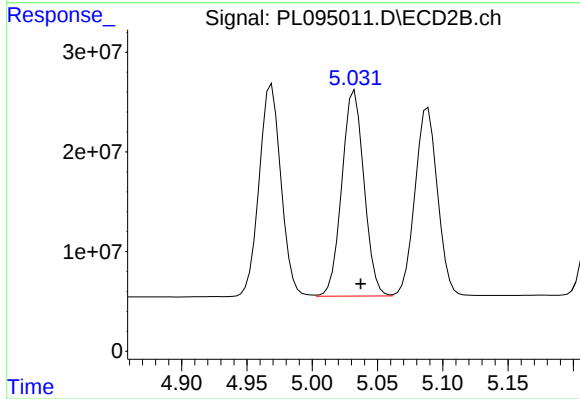
R.T.: 4.969 min  
Delta R.T.: -0.006 min  
Response: 247132187  
Conc: 464.54 ng/ml



#26 Chlordane-4

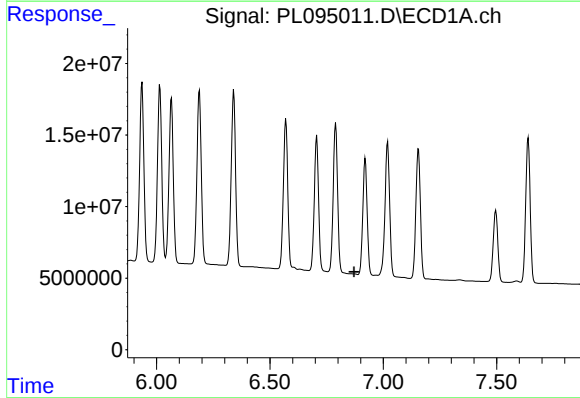
R.T.: 6.014 min  
Delta R.T.: -0.007 min  
Response: 162534957  
Conc: 275.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



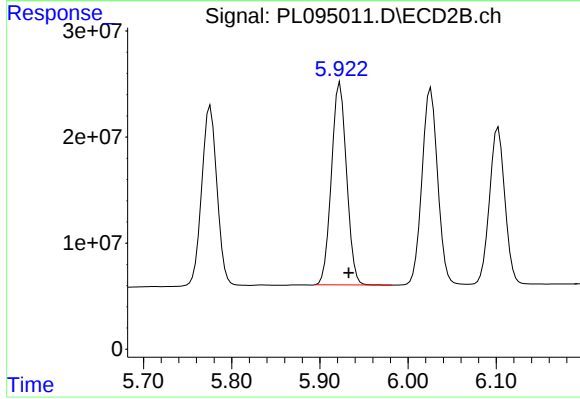
#26 Chlordane-4

R.T.: 5.032 min  
Delta R.T.: -0.005 min  
Response: 243785677  
Conc: 468.31 ng/ml



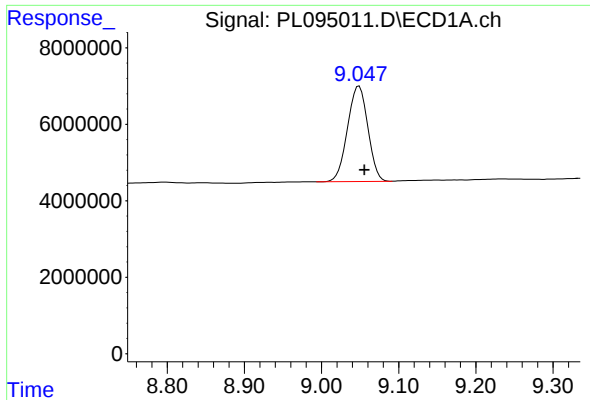
#27 Chlordane-5

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



#27 Chlordane-5

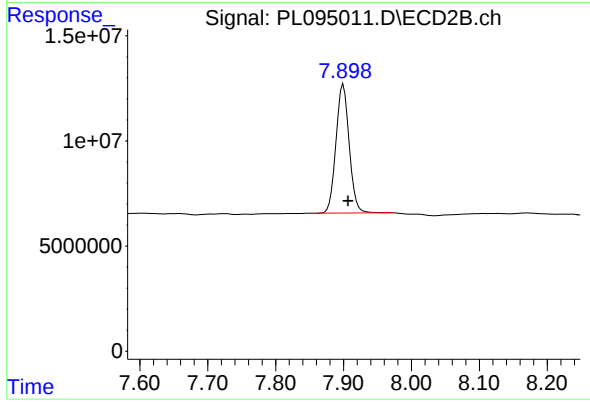
R.T.: 5.923 min  
Delta R.T.: -0.010 min  
Response: 227771022  
Conc: 1187.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min  
Delta R.T.: -0.007 min  
Response: 45702037  
Conc: 21.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: -0.007 min  
Response: 83056125  
Conc: 20.56 ng/ml