

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110122\  
 Data File : PL078704.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Nov 2022 16:18  
 Operator : AR\AJ  
 Sample : N5371-04MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

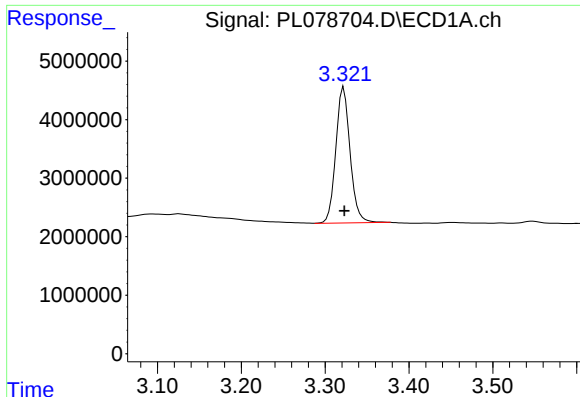
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 22:23:07 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|-----------|
| -----                       |                 |        |       |          |          |          |           |
| System Monitoring Compounds |                 |        |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.322  | 2.569 | 27597218 | 41564792 | 14.471   | 16.280    |
| 28)                         | SA Decachlor... | 8.772  | 7.637 | 17202230 | 22003116 | 11.435   | 11.617    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.783  | 3.056 | 130.7E6  | 195.9E6  | 45.503   | 49.617    |
| 3)                          | MA gamma-BHC... | 4.116  | 3.377 | 117.9E6  | 178.5E6  | 44.140   | 49.655    |
| 4)                          | MA Heptachlor   | 4.686  | 3.704 | 122.1E6  | 176.8E6  | 47.045   | 50.969    |
| 5)                          | MB Aldrin       | 5.024  | 3.976 | 115.6E6  | 181.4E6  | 46.691   | 51.796    |
| 6)                          | B beta-BHC      | 4.331  | 3.677 | 51196668 | 66939474 | 44.443   | 46.653    |
| 7)                          | B delta-BHC     | 4.571  | 3.897 | 105.1E6  | 178.1E6  | 46.161   | 48.903    |
| 8)                          | B Heptachlo...  | 5.458  | 4.472 | 98436670 | 145.3E6  | 46.366   | 48.231    |
| 9)                          | A Endosulfan I  | 5.842  | 4.835 | 89461823 | 132.8E6  | 41.930   | 46.391    |
| 10)                         | B gamma-Chl...  | 5.713  | 4.720 | 98431937 | 142.9E6  | 43.609   | 46.629    |
| 11)                         | B alpha-Chl...  | 5.790  | 4.782 | 98462672 | 139.9E6  | 42.555   | 46.950    |
| 12)                         | B 4,4'-DDE      | 5.973  | 4.977 | 85214656 | 130.0E6  | 42.579   | 47.732    |
| 13)                         | MA Dieldrin     | 6.120  | 5.097 | 91962079 | 143.2E6  | 42.644   | 48.316    |
| 14)                         | MA Endrin       | 6.350  | 5.367 | 82188618 | 134.6E6  | 43.307   | 51.669    |
| 15)                         | B Endosulfa...  | 6.579  | 5.664 | 75525031 | 119.3E6  | 40.255   | 52.398 #  |
| 16)                         | A 4,4'-DDD      | 6.498  | 5.528 | 65338769 | 104.7E6  | 39.195   | 47.691    |
| 17)                         | MA 4,4'-DDT     | 6.808  | 5.774 | 70924844 | 106.2E6  | 39.571   | 48.971    |
| 18)                         | B Endrin al...  | 6.711  | 5.842 | 60593407 | 91596968 | 41.643   | 48.805    |
| 19)                         | B Endosulfa...  | 6.944  | 6.065 | 73878935 | 113.7E6  | 40.153   | 47.759    |
| 20)                         | A Methoxychlor  | 7.293  | 6.351 | 38696045 | 57733139 | 42.020   | 50.875    |
| 21)                         | B Endrin ke...  | 7.431  | 6.560 | 73541061 | 115.7E6  | 39.089   | 44.773    |
| 22)                         | Mirex           | 7.887  | 6.733 | 60353670 | 90794608 | 41.343   | 46.136    |
| 24)                         | Chlordane-2     | 5.024f | 0.000 | 115.6E6  | 0        | 1397.570 | N.D. #    |
| 25)                         | Chlordane-3     | 5.713  | 4.720 | 98431937 | 142.9E6  | 294.668  | 468.833 # |
| 26)                         | Chlordane-4     | 5.790  | 4.782 | 98462672 | 139.9E6  | 239.837  | 428.228 # |
| -----                       |                 |        |       |          |          |          |           |

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

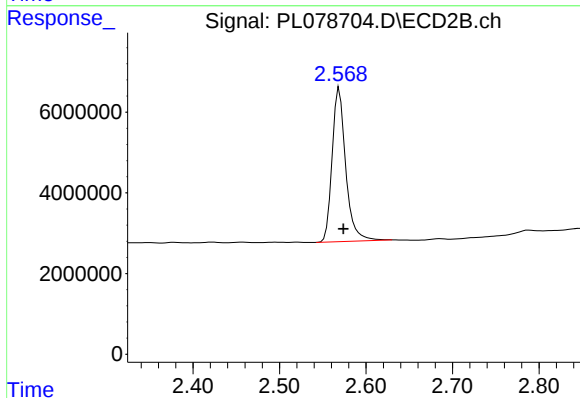




#1 Tetrachloro-m-xylene

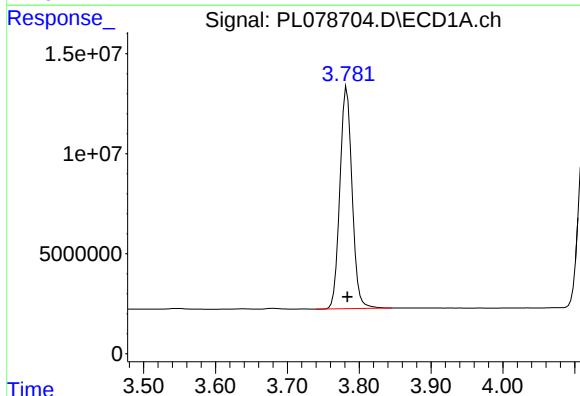
R.T.: 3.322 min  
Delta R.T.: 0.000 min  
Response: 27597218  
Conc: 14.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



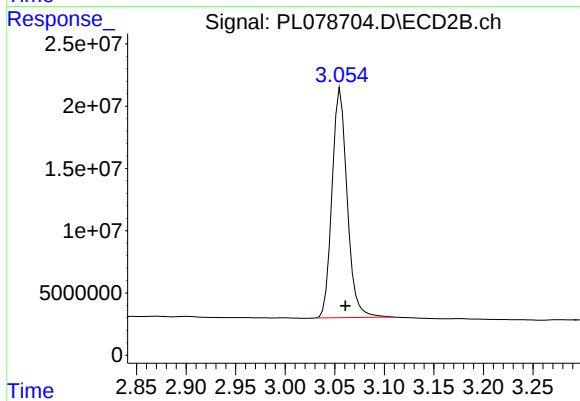
#1 Tetrachloro-m-xylene

R.T.: 2.569 min  
Delta R.T.: -0.005 min  
Response: 41564792  
Conc: 16.28 ng/ml



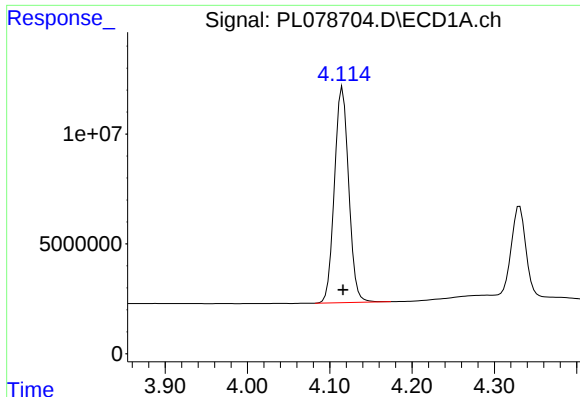
#2 alpha-BHC

R.T.: 3.783 min  
Delta R.T.: 0.000 min  
Response: 130655959  
Conc: 45.50 ng/ml



#2 alpha-BHC

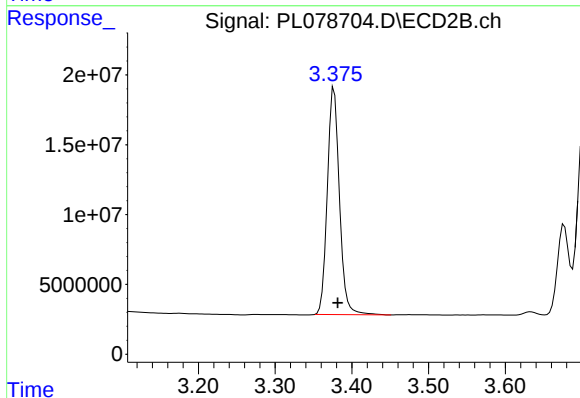
R.T.: 3.056 min  
Delta R.T.: -0.005 min  
Response: 195938045  
Conc: 49.62 ng/ml



#3 gamma-BHC (Lindane)

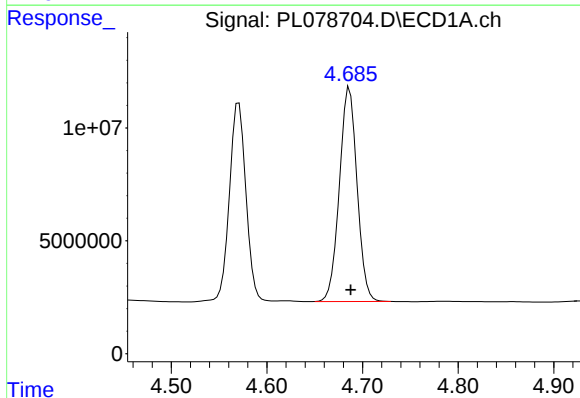
R.T.: 4.116 min  
Delta R.T.: 0.000 min  
Response: 117930272  
Conc: 44.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



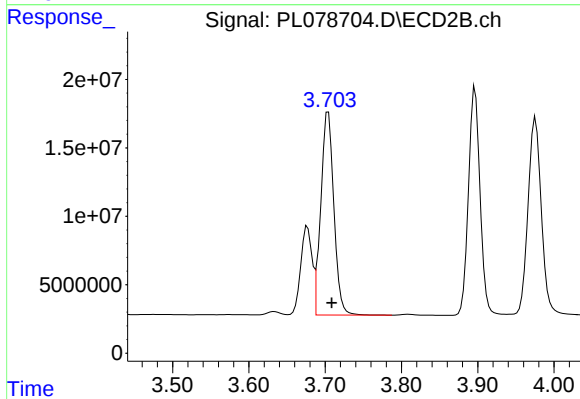
#3 gamma-BHC (Lindane)

R.T.: 3.377 min  
Delta R.T.: -0.005 min  
Response: 178471069  
Conc: 49.66 ng/ml



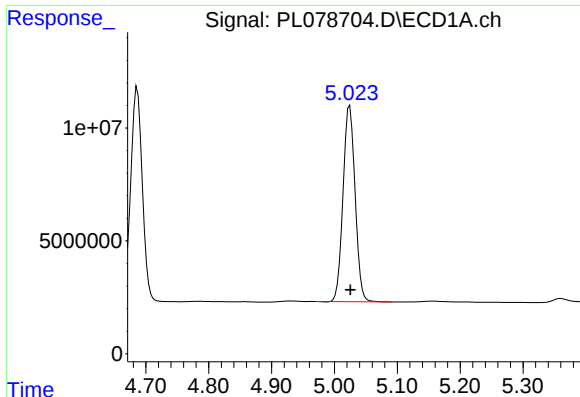
#4 Heptachlor

R.T.: 4.686 min  
Delta R.T.: -0.001 min  
Response: 122128656  
Conc: 47.04 ng/ml



#4 Heptachlor

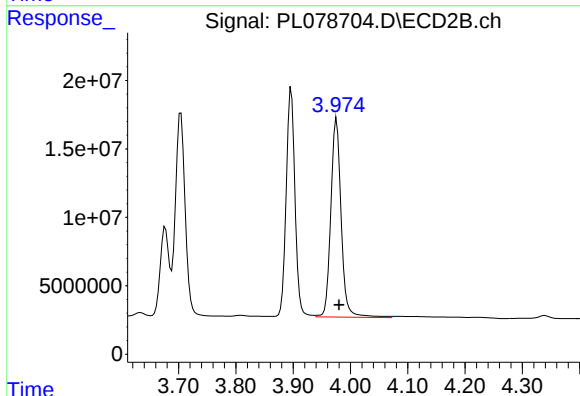
R.T.: 3.704 min  
Delta R.T.: -0.005 min  
Response: 176752357  
Conc: 50.97 ng/ml



#5 Aldrin

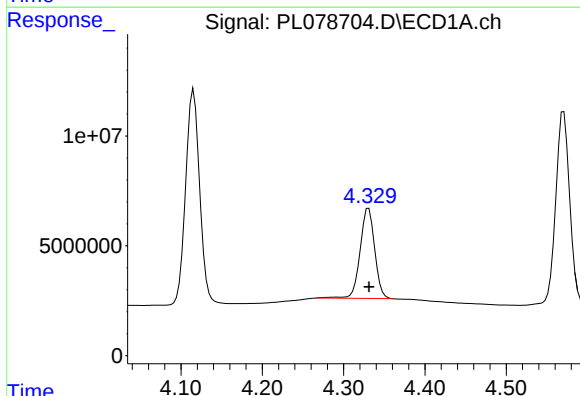
R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 115640217  
Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



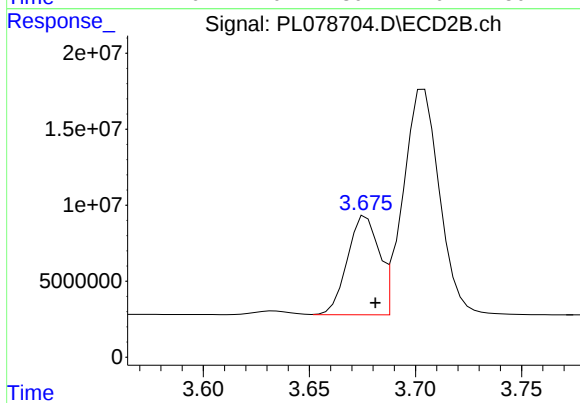
#5 Aldrin

R.T.: 3.976 min  
Delta R.T.: -0.005 min  
Response: 181375741  
Conc: 51.80 ng/ml



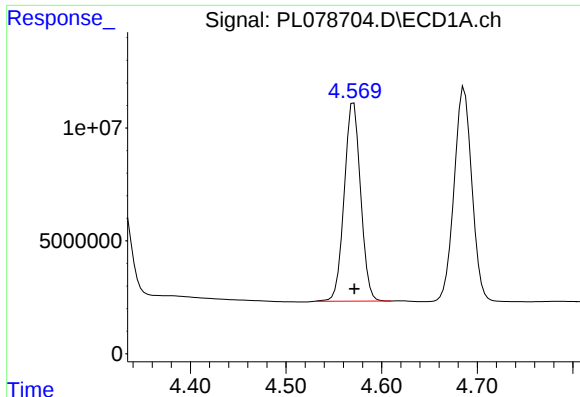
#6 beta-BHC

R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 51196668  
Conc: 44.44 ng/ml



#6 beta-BHC

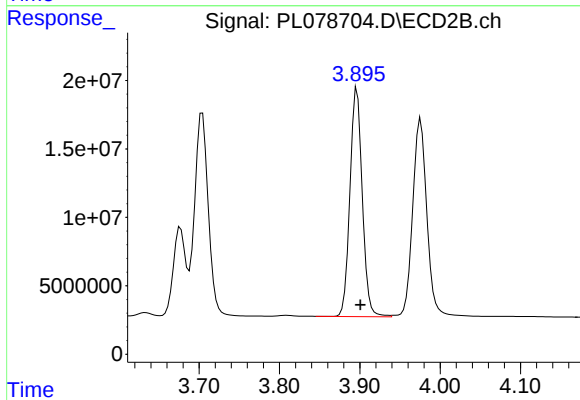
R.T.: 3.677 min  
Delta R.T.: -0.004 min  
Response: 66939474  
Conc: 46.65 ng/ml



#7 delta-BHC

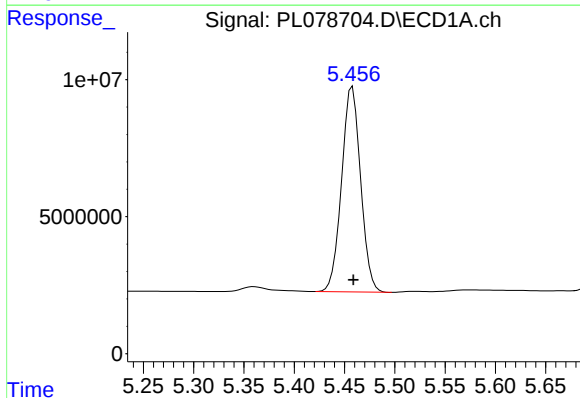
R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 105102410  
Conc: 46.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



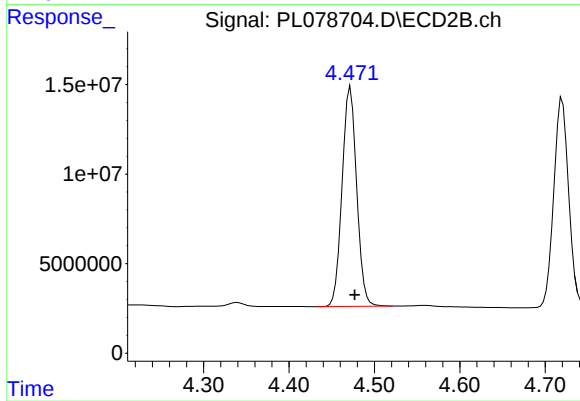
#7 delta-BHC

R.T.: 3.897 min  
Delta R.T.: -0.004 min  
Response: 178070033  
Conc: 48.90 ng/ml



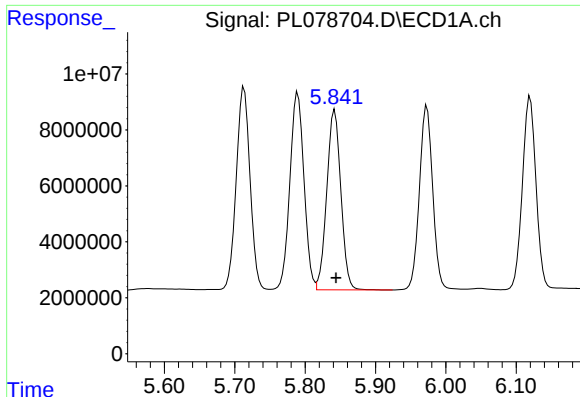
#8 Heptachlor epoxide

R.T.: 5.458 min  
Delta R.T.: 0.000 min  
Response: 98436670  
Conc: 46.37 ng/ml



#8 Heptachlor epoxide

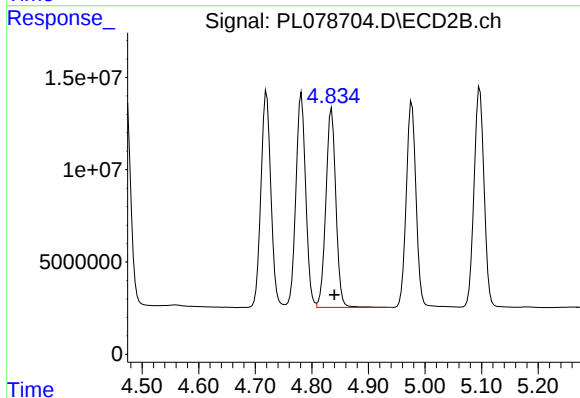
R.T.: 4.472 min  
Delta R.T.: -0.005 min  
Response: 145331562  
Conc: 48.23 ng/ml



#9 Endosulfan I

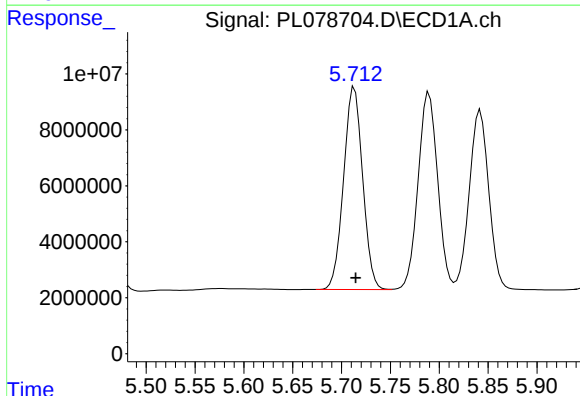
R.T.: 5.842 min  
Delta R.T.: -0.002 min  
Response: 89461823  
Conc: 41.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



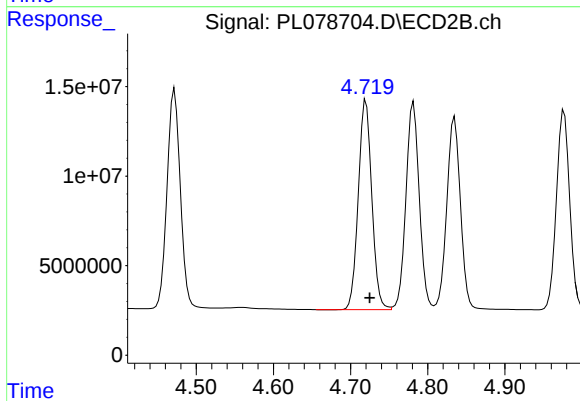
#9 Endosulfan I

R.T.: 4.835 min  
Delta R.T.: -0.005 min  
Response: 132801727  
Conc: 46.39 ng/ml



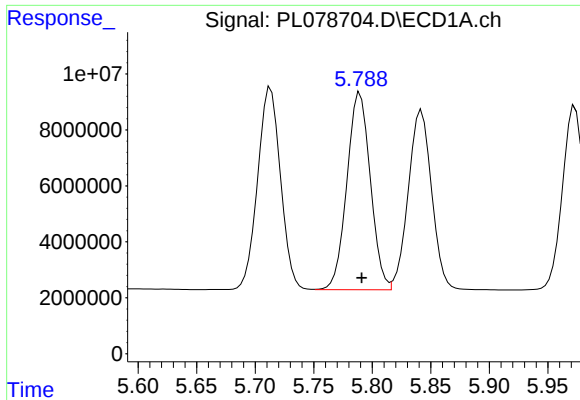
#10 gamma-Chlordane

R.T.: 5.713 min  
Delta R.T.: -0.001 min  
Response: 98431937  
Conc: 43.61 ng/ml



#10 gamma-Chlordane

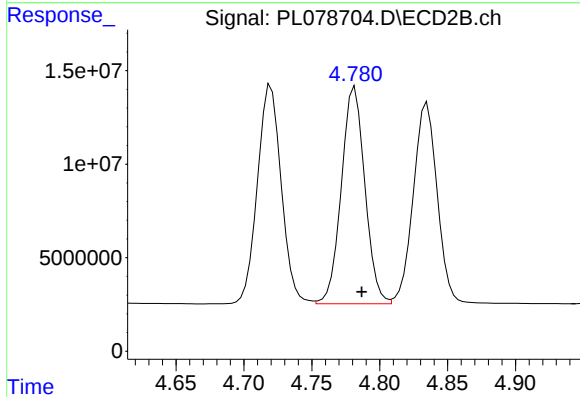
R.T.: 4.720 min  
Delta R.T.: -0.005 min  
Response: 142893171  
Conc: 46.63 ng/ml



#11 alpha-Chlordane

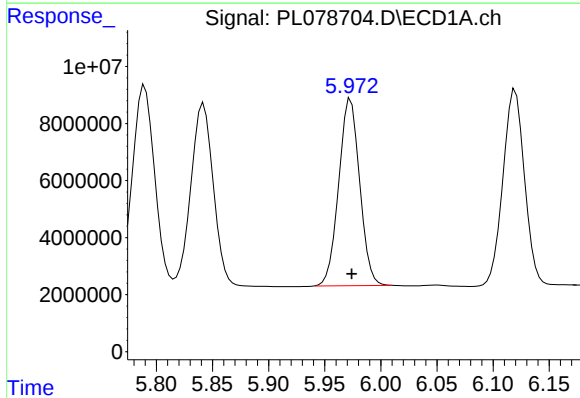
R.T.: 5.790 min  
Delta R.T.: -0.001 min  
Response: 98462672  
Conc: 42.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



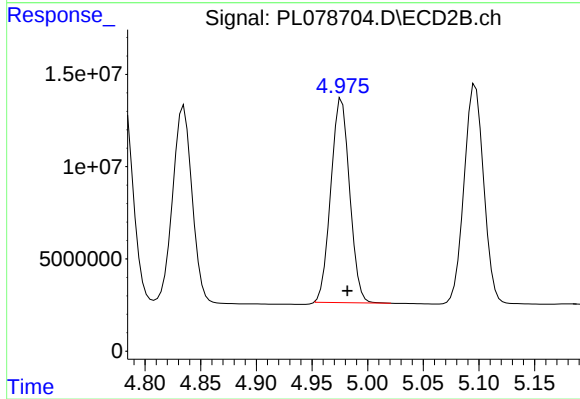
#11 alpha-Chlordane

R.T.: 4.782 min  
Delta R.T.: -0.005 min  
Response: 139929456  
Conc: 46.95 ng/ml



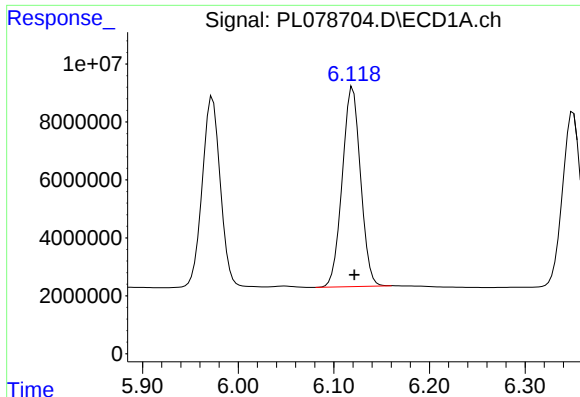
#12 4,4'-DDE

R.T.: 5.973 min  
Delta R.T.: 0.000 min  
Response: 85214656  
Conc: 42.58 ng/ml



#12 4,4'-DDE

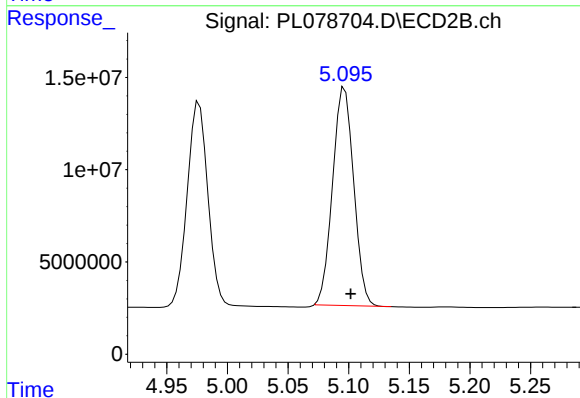
R.T.: 4.977 min  
Delta R.T.: -0.005 min  
Response: 129952564  
Conc: 47.73 ng/ml



#13 Dieldrin

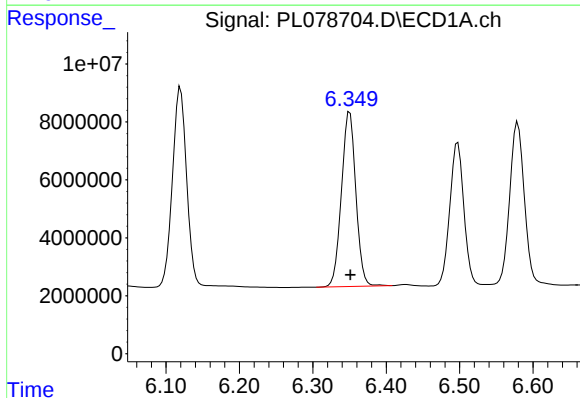
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 91962079  
Conc: 42.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



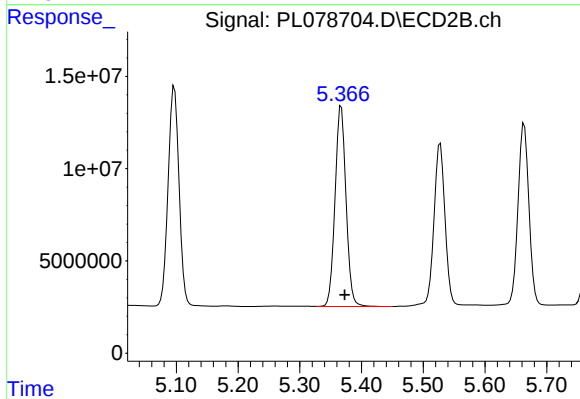
#13 Dieldrin

R.T.: 5.097 min  
Delta R.T.: -0.005 min  
Response: 143165622  
Conc: 48.32 ng/ml



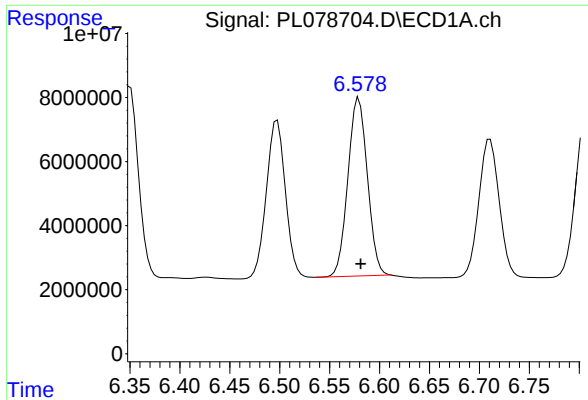
#14 Endrin

R.T.: 6.350 min  
Delta R.T.: -0.001 min  
Response: 82188618  
Conc: 43.31 ng/ml



#14 Endrin

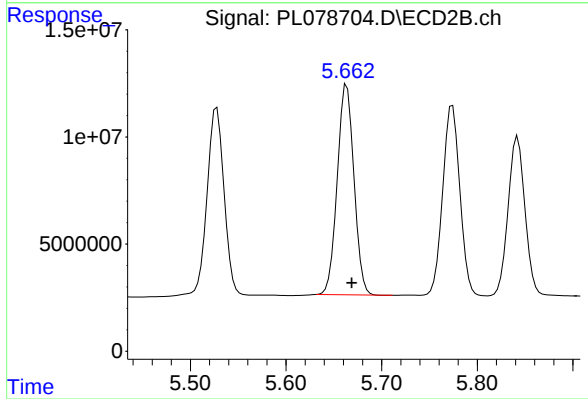
R.T.: 5.367 min  
Delta R.T.: -0.005 min  
Response: 134611484  
Conc: 51.67 ng/ml



#15 Endosulfan II

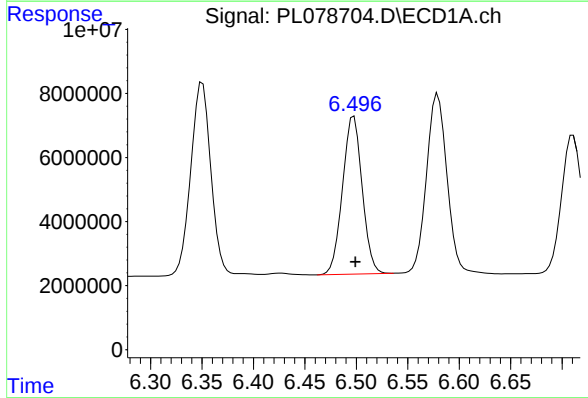
R.T.: 6.579 min  
Delta R.T.: -0.002 min  
Response: 75525031  
Conc: 40.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



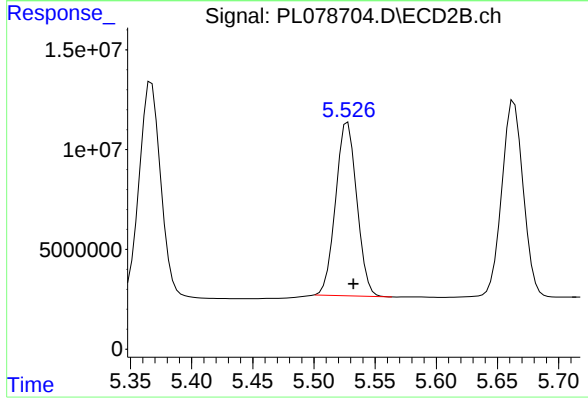
#15 Endosulfan II

R.T.: 5.664 min  
Delta R.T.: -0.005 min  
Response: 119271994  
Conc: 52.40 ng/ml



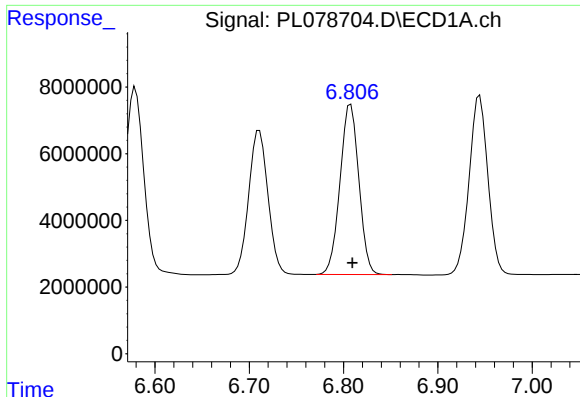
#16 4,4'-DDD

R.T.: 6.498 min  
Delta R.T.: -0.001 min  
Response: 65338769  
Conc: 39.19 ng/ml



#16 4,4'-DDD

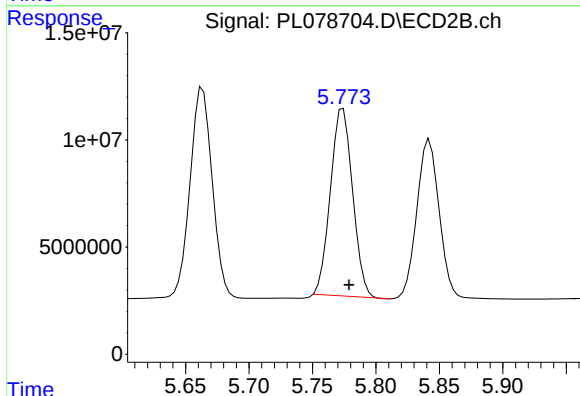
R.T.: 5.528 min  
Delta R.T.: -0.005 min  
Response: 104747018  
Conc: 47.69 ng/ml



#17 4,4'-DDT

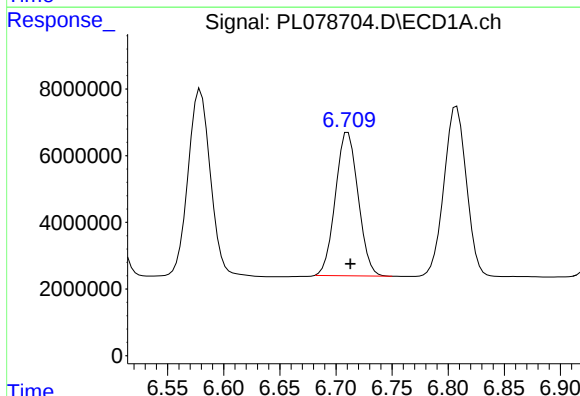
R.T.: 6.808 min  
Delta R.T.: -0.002 min  
Response: 70924844  
Conc: 39.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



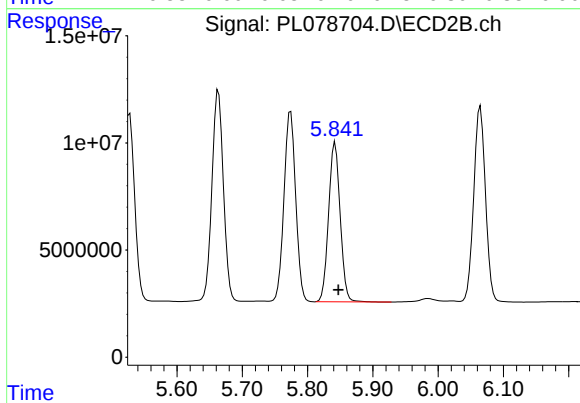
#17 4,4'-DDT

R.T.: 5.774 min  
Delta R.T.: -0.005 min  
Response: 106223511  
Conc: 48.97 ng/ml



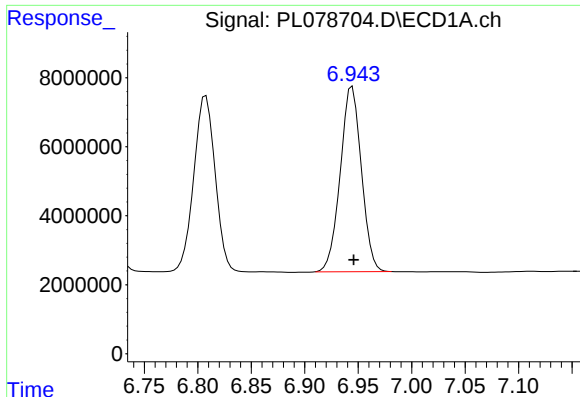
#18 Endrin aldehyde

R.T.: 6.711 min  
Delta R.T.: -0.002 min  
Response: 60593407  
Conc: 41.64 ng/ml



#18 Endrin aldehyde

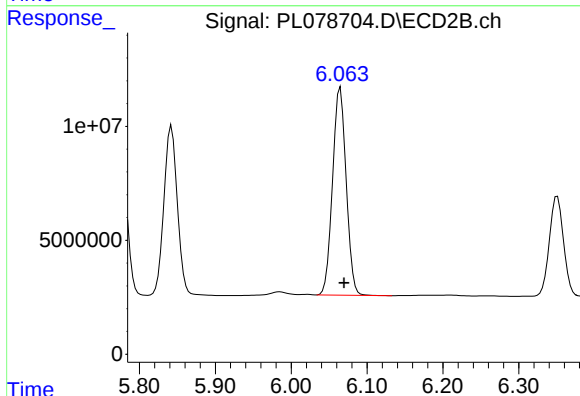
R.T.: 5.842 min  
Delta R.T.: -0.005 min  
Response: 91596968  
Conc: 48.81 ng/ml



#19 Endosulfan Sulfate

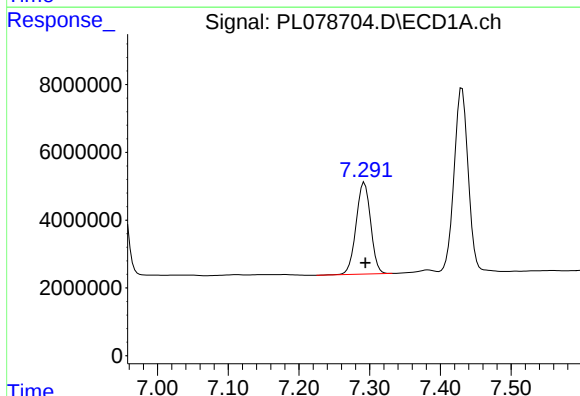
R.T.: 6.944 min  
Delta R.T.: -0.001 min  
Response: 73878935  
Conc: 40.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



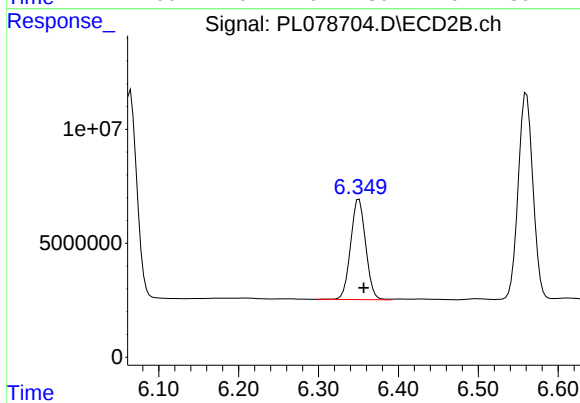
#19 Endosulfan Sulfate

R.T.: 6.065 min  
Delta R.T.: -0.005 min  
Response: 113689318  
Conc: 47.76 ng/ml



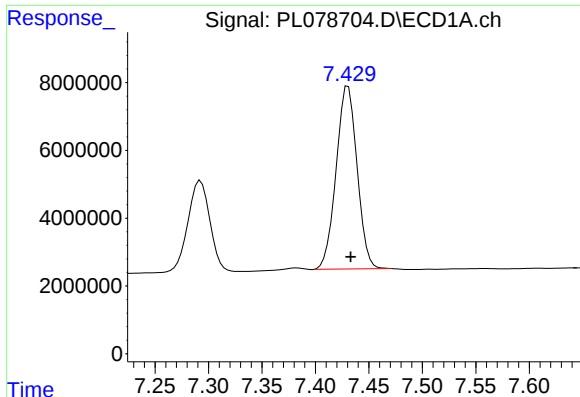
#20 Methoxychlor

R.T.: 7.293 min  
Delta R.T.: -0.001 min  
Response: 38696045  
Conc: 42.02 ng/ml



#20 Methoxychlor

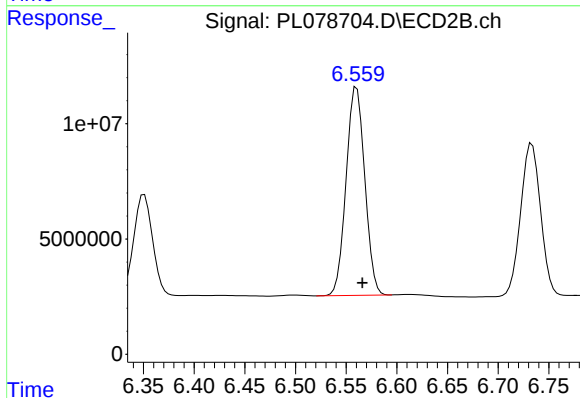
R.T.: 6.351 min  
Delta R.T.: -0.006 min  
Response: 57733139  
Conc: 50.88 ng/ml



#21 Endrin ketone

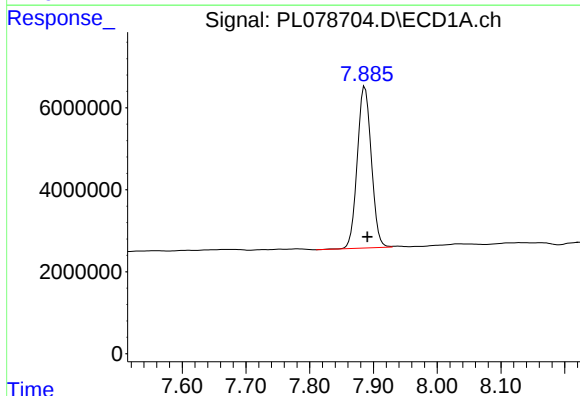
R.T.: 7.431 min  
Delta R.T.: -0.002 min  
Response: 73541061  
Conc: 39.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



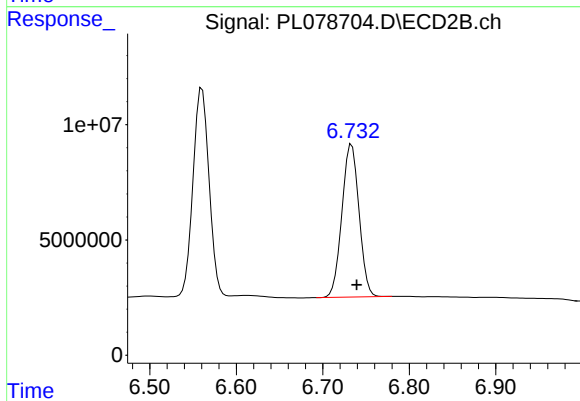
#21 Endrin ketone

R.T.: 6.560 min  
Delta R.T.: -0.006 min  
Response: 115725229  
Conc: 44.77 ng/ml



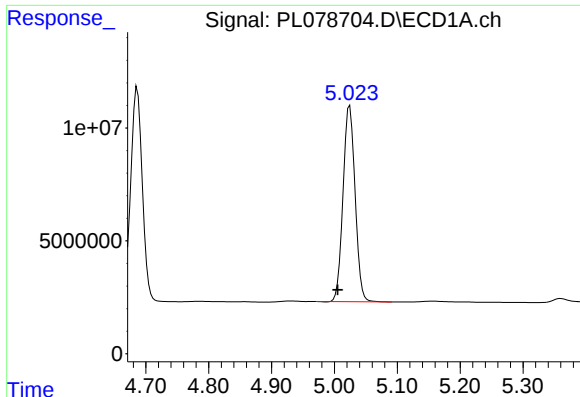
#22 Mirex

R.T.: 7.887 min  
Delta R.T.: -0.004 min  
Response: 60353670  
Conc: 41.34 ng/ml



#22 Mirex

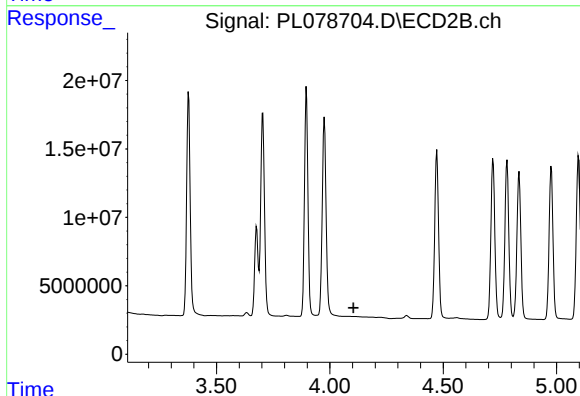
R.T.: 6.733 min  
Delta R.T.: -0.006 min  
Response: 90794608  
Conc: 46.14 ng/ml



#24 Chlordane-2

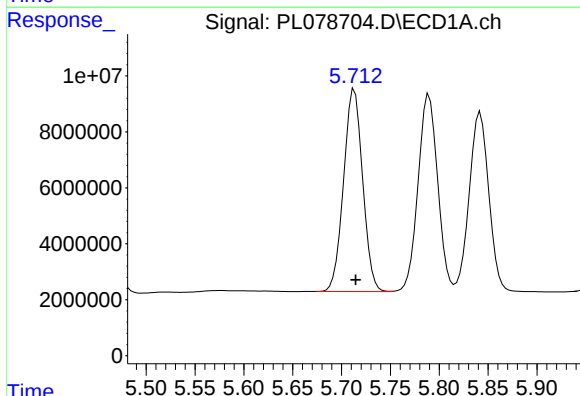
R.T.: 5.024 min  
Delta R.T.: 0.019 min  
Response: 115640217  
Conc: 1397.57 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



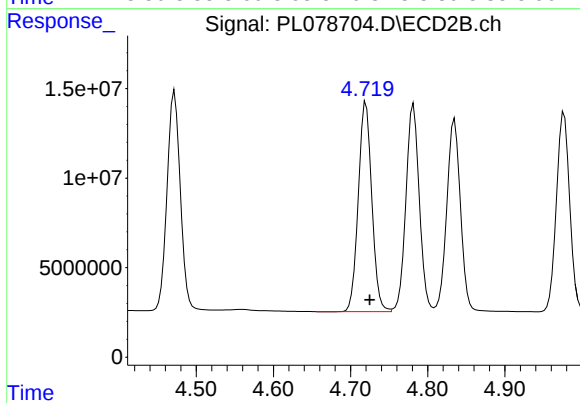
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.105 min  
Response: 0  
Conc: N.D.



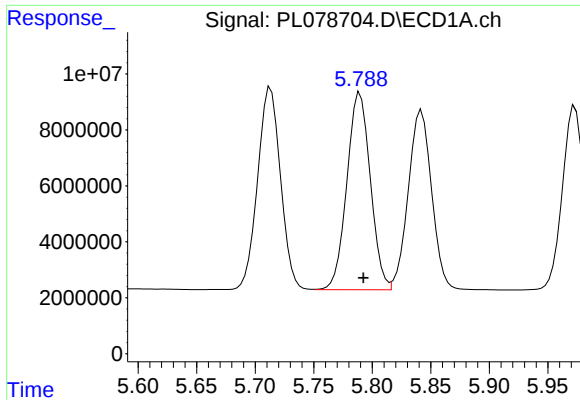
#25 Chlordane-3

R.T.: 5.713 min  
Delta R.T.: -0.001 min  
Response: 98431937  
Conc: 294.67 ng/ml



#25 Chlordane-3

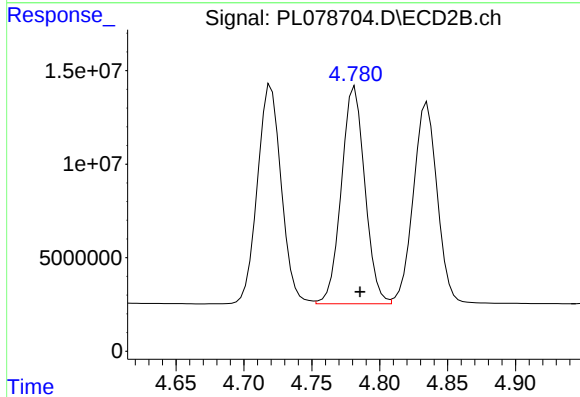
R.T.: 4.720 min  
Delta R.T.: -0.005 min  
Response: 142893171  
Conc: 468.83 ng/ml



#26 Chlordane-4

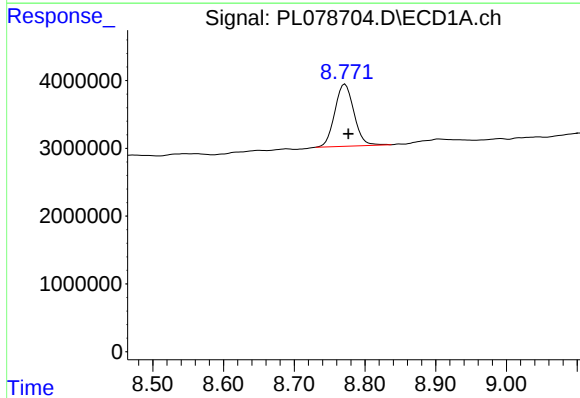
R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 98462672  
Conc: 239.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



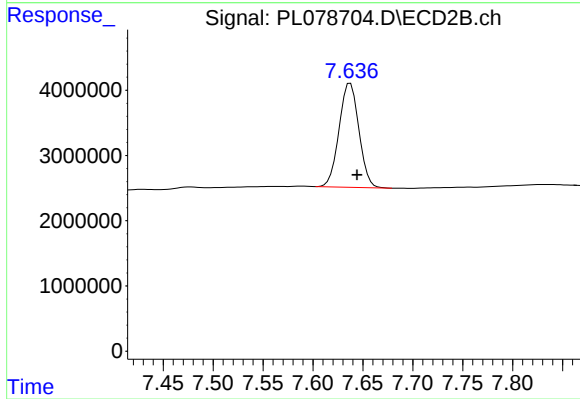
#26 Chlordane-4

R.T.: 4.782 min  
Delta R.T.: -0.004 min  
Response: 139929456  
Conc: 428.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.772 min  
Delta R.T.: -0.005 min  
Response: 17202230  
Conc: 11.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.637 min  
Delta R.T.: -0.007 min  
Response: 22003116  
Conc: 11.62 ng/ml