

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052925\  
 Data File : PL095827.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 May 2025 14:27  
 Operator : AR\AJ  
 Sample : Q2136-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

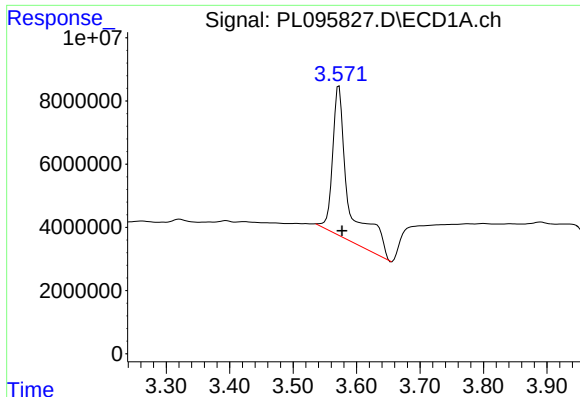
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 30 00:53:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052125.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 22 06:29:30 2025  
 Response via : Initial Calibration  
 Integrator: 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... | 3.572  | 2.885 | 85394927 | 62586405 | 27.064  | 15.991 #  |
| 28)                         | SA Decachlor... | 9.100  | 8.061 | 35199100 | 66986091 | 14.938  | 15.313    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.024  | 3.395 | 210.9E6  | 262.0E6  | 43.494  | 44.738    |
| 3)                          | MA gamma-BHC... | 4.356  | 3.729 | 194.8E6  | 248.9E6  | 43.551  | 44.441    |
| 4)                          | MA Heptachlor   | 4.953  | 4.082 | 165.2E6  | 245.1E6  | 43.636  | 43.697    |
| 5)                          | MB Aldrin       | 5.296  | 4.367 | 189.2E6  | 237.9E6  | 44.235  | 44.821    |
| 6)                          | B beta-BHC      | 4.543  | 4.025 | 86318589 | 105.4E6  | 43.786  | 42.555    |
| 7)                          | B delta-BHC     | 4.791  | 4.260 | 195.7E6  | 252.3E6  | 44.139  | 44.667    |
| 8)                          | B Heptachlo...  | 5.717  | 4.869 | 170.0E6  | 222.3E6  | 44.533  | 45.023    |
| 9)                          | A Endosulfan I  | 6.100  | 5.241 | 161.5E6  | 215.7E6  | 44.068  | 45.272    |
| 10)                         | B gamma-Chl...  | 5.972  | 5.121 | 173.6E6  | 235.8E6  | 44.598  | 44.883    |
| 11)                         | B alpha-Chl...  | 6.053  | 5.186 | 173.0E6  | 235.0E6  | 43.806  | 45.177    |
| 12)                         | B 4,4'-DDE      | 6.223  | 5.372 | 163.8E6  | 235.4E6  | 44.655  | 43.903    |
| 13)                         | MA Dieldrin     | 6.374  | 5.506 | 173.0E6  | 236.3E6  | 44.829  | 44.577    |
| 14)                         | MA Endrin       | 6.601  | 5.780 | 139.4E6  | 212.5E6  | 43.190  | 43.570    |
| 15)                         | B Endosulfa...  | 6.814  | 6.071 | 146.0E6  | 212.3E6  | 42.374  | 44.683    |
| 16)                         | A 4,4'-DDD      | 6.733  | 5.924 | 133.6E6  | 196.3E6  | 45.597  | 44.766    |
| 17)                         | MA 4,4'-DDT     | 7.048  | 6.177 | 114.5E6  | 201.6E6  | 42.333  | 42.158    |
| 18)                         | B Endrin al...  | 6.943  | 6.248 | 108.6E6  | 155.0E6  | 44.904  | 44.876    |
| 19)                         | B Endosulfa...  | 7.176  | 6.472 | 130.8E6  | 200.3E6  | 43.784  | 44.561    |
| 20)                         | A Methoxychlor  | 7.521  | 6.748 | 56058943 | 110.1E6  | 43.957  | 42.079    |
| 21)                         | B Endrin ke...  | 7.658  | 6.977 | 140.6E6  | 240.8E6  | 44.393  | 46.551    |
| 22)                         | Mirex           | 8.139  | 7.171 | 104.2E6  | 187.1E6  | 45.027  | 46.076    |
| 24)                         | Chlordane-2     | 5.296f | 0.000 | 189.2E6  | 0        | 984.675 | N.D. #    |
| 25)                         | Chlordane-3     | 5.972  | 5.121 | 173.6E6  | 235.8E6  | 234.873 | 357.799 # |
| 26)                         | Chlordane-4     | 6.053  | 5.186 | 173.0E6  | 235.0E6  | 192.429 | 411.706 # |
| 27)                         | Chlordane-5     | 0.000  | 6.071 | 0        | 212.3E6  | N.D.    | 832.855 # |
| -----                       |                 |        |       |          |          |         |           |

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

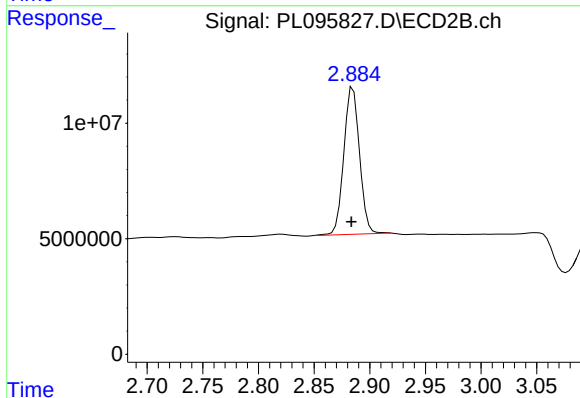




#1 Tetrachloro-m-xylene

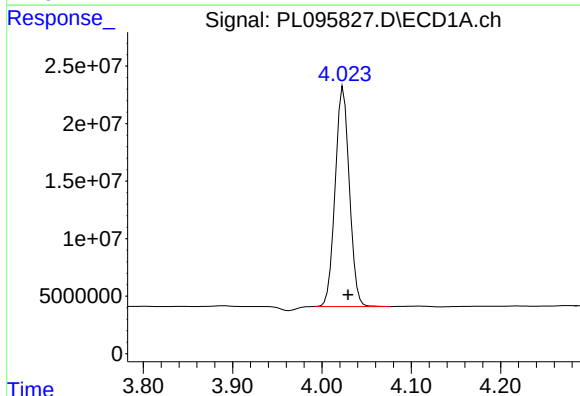
R.T.: 3.572 min  
Delta R.T.: -0.005 min  
Response: 85394927  
Conc: 27.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



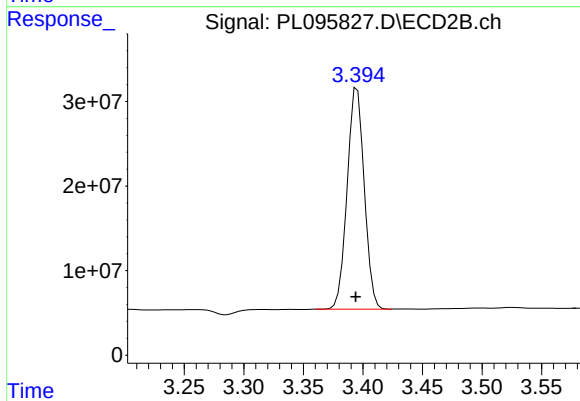
#1 Tetrachloro-m-xylene

R.T.: 2.885 min  
Delta R.T.: 0.002 min  
Response: 62586405  
Conc: 15.99 ng/ml



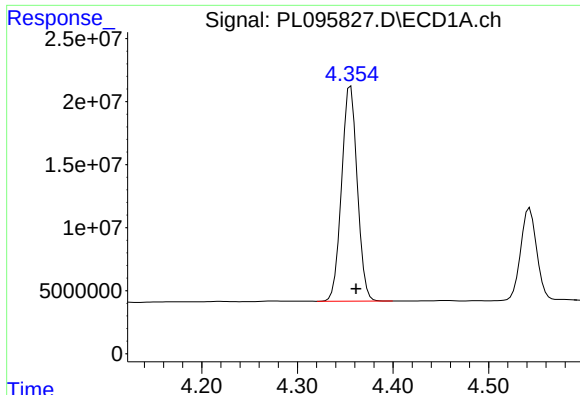
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: -0.005 min  
Response: 210853702  
Conc: 43.49 ng/ml



#2 alpha-BHC

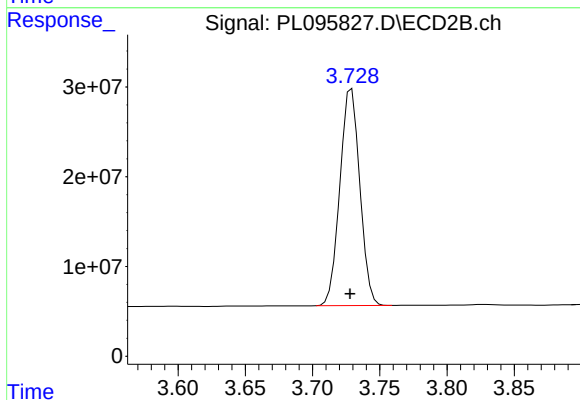
R.T.: 3.395 min  
Delta R.T.: 0.001 min  
Response: 262047793  
Conc: 44.74 ng/ml



#3 gamma-BHC (Lindane)

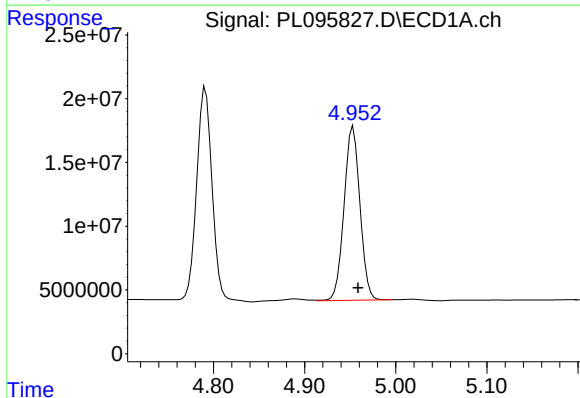
R.T.: 4.356 min  
Delta R.T.: -0.006 min  
Response: 194753720  
Conc: 43.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



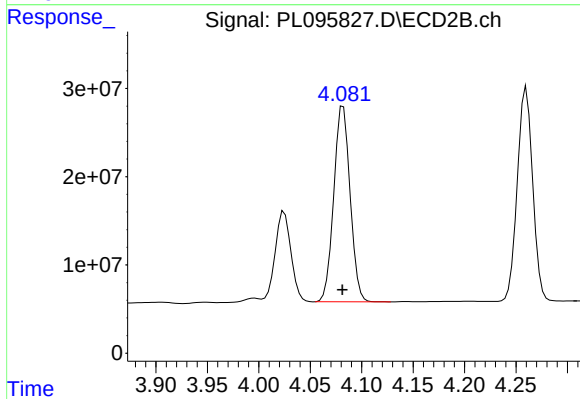
#3 gamma-BHC (Lindane)

R.T.: 3.729 min  
Delta R.T.: 0.001 min  
Response: 248922963  
Conc: 44.44 ng/ml



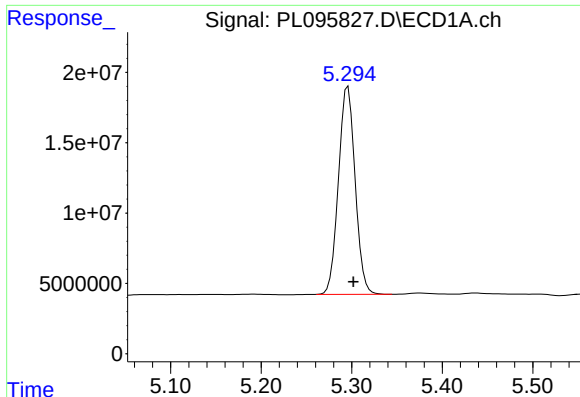
#4 Heptachlor

R.T.: 4.953 min  
Delta R.T.: -0.005 min  
Response: 165165429  
Conc: 43.64 ng/ml



#4 Heptachlor

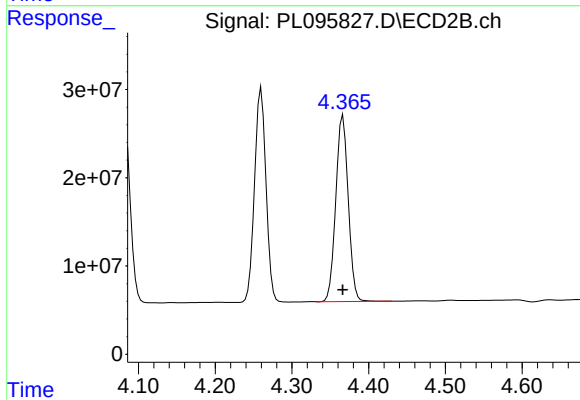
R.T.: 4.082 min  
Delta R.T.: 0.000 min  
Response: 245099917  
Conc: 43.70 ng/ml



#5 Aldrin

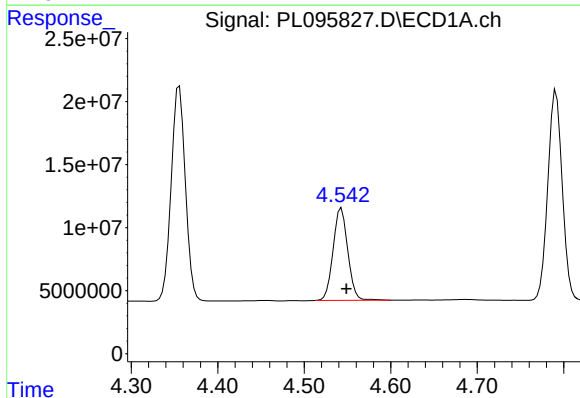
R.T.: 5.296 min  
Delta R.T.: -0.006 min  
Response: 189227369  
Conc: 44.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



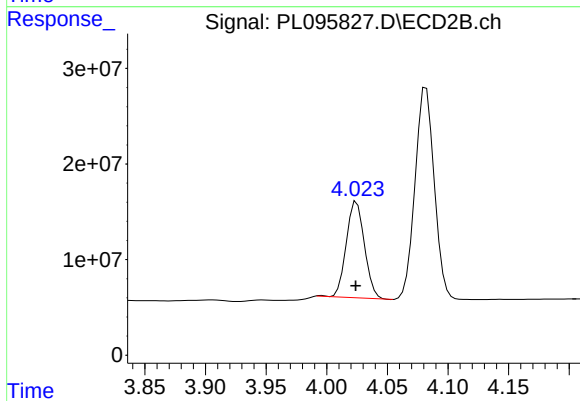
#5 Aldrin

R.T.: 4.367 min  
Delta R.T.: 0.000 min  
Response: 237870779  
Conc: 44.82 ng/ml



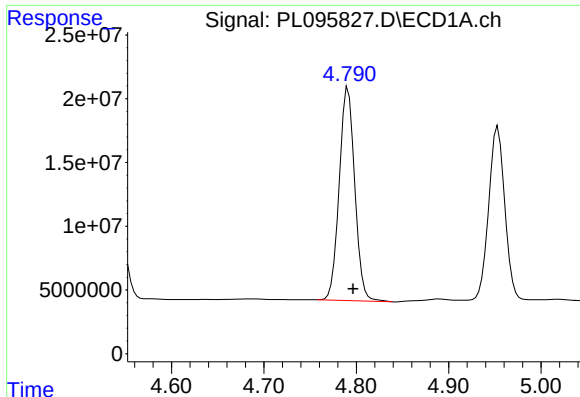
#6 beta-BHC

R.T.: 4.543 min  
Delta R.T.: -0.006 min  
Response: 86318589  
Conc: 43.79 ng/ml



#6 beta-BHC

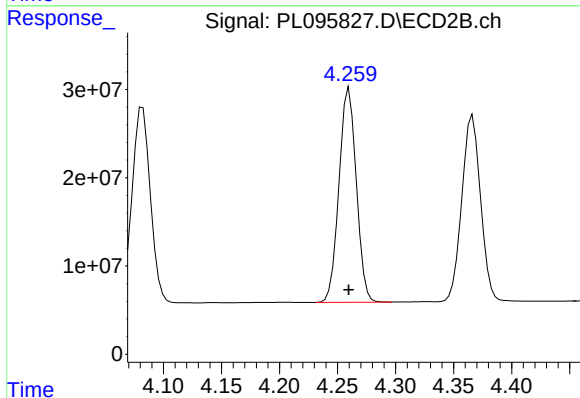
R.T.: 4.025 min  
Delta R.T.: 0.000 min  
Response: 105433205  
Conc: 42.56 ng/ml



#7 delta-BHC

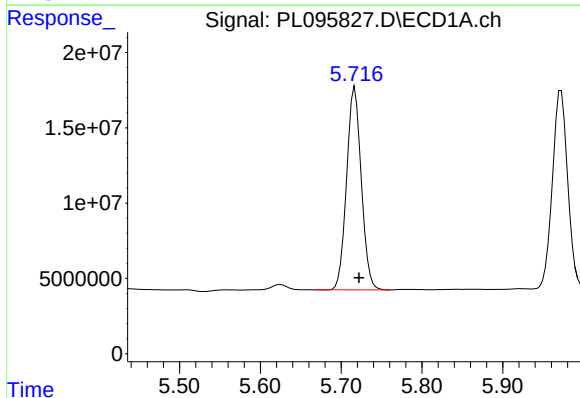
R.T.: 4.791 min  
Delta R.T.: -0.005 min  
Response: 195693439  
Conc: 44.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



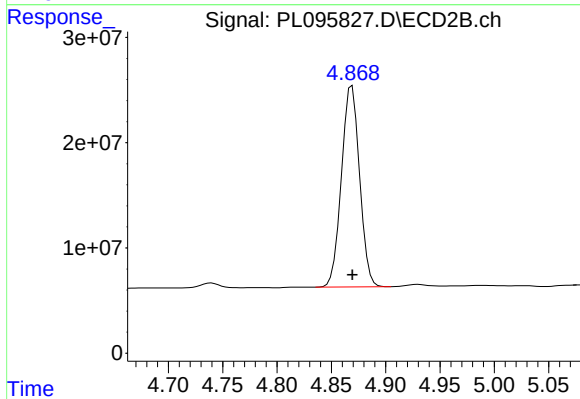
#7 delta-BHC

R.T.: 4.260 min  
Delta R.T.: 0.000 min  
Response: 252253336  
Conc: 44.67 ng/ml



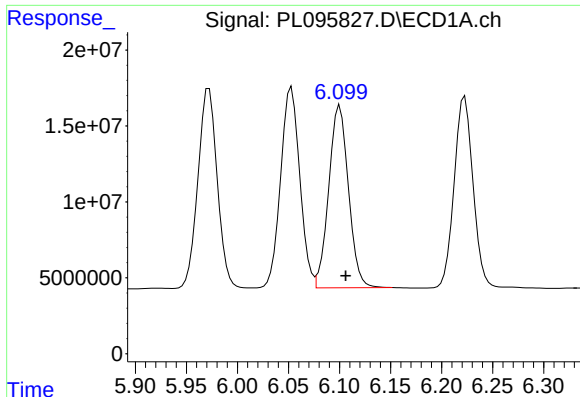
#8 Heptachlor epoxide

R.T.: 5.717 min  
Delta R.T.: -0.005 min  
Response: 169977260  
Conc: 44.53 ng/ml



#8 Heptachlor epoxide

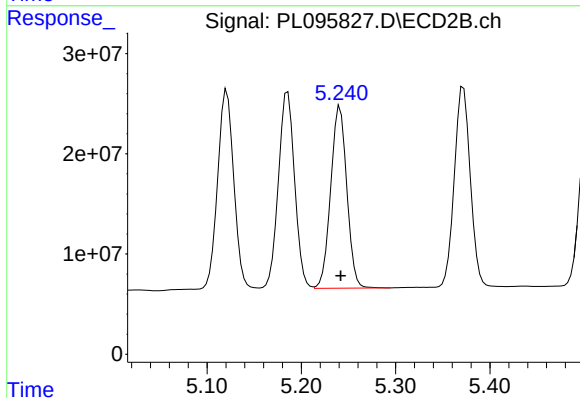
R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 222299694  
Conc: 45.02 ng/ml



#9 Endosulfan I

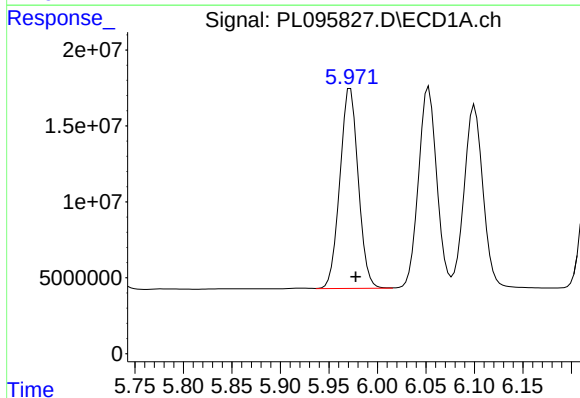
R.T.: 6.100 min  
Delta R.T.: -0.006 min  
Response: 161500246  
Conc: 44.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



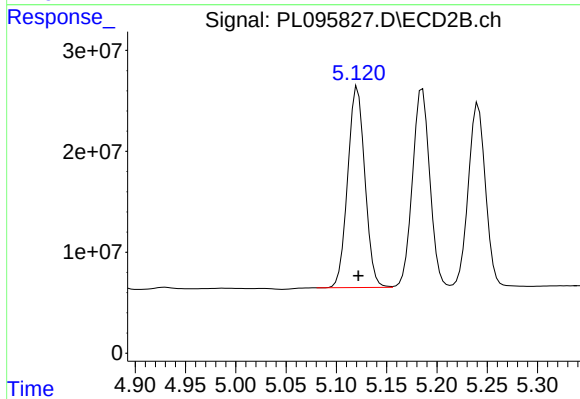
#9 Endosulfan I

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 215721985  
Conc: 45.27 ng/ml



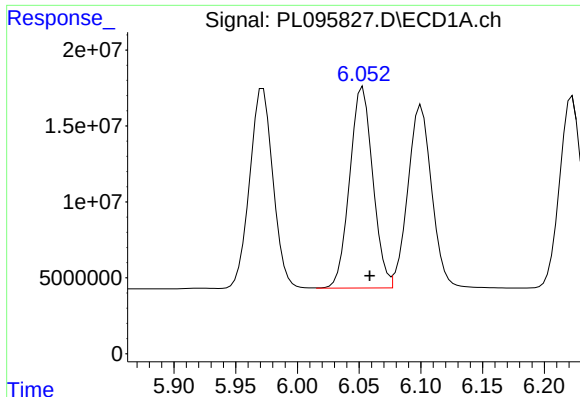
#10 gamma-Chlordane

R.T.: 5.972 min  
Delta R.T.: -0.005 min  
Response: 173577710  
Conc: 44.60 ng/ml



#10 gamma-Chlordane

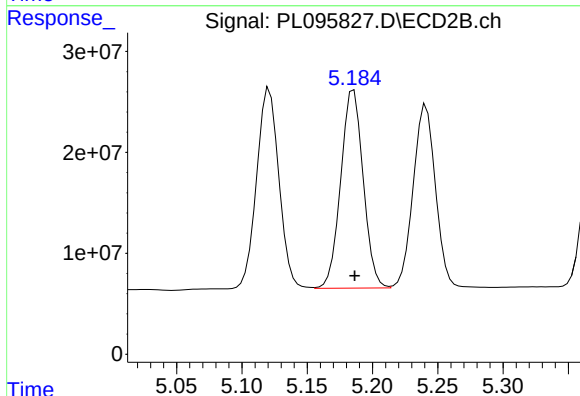
R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 235755412  
Conc: 44.88 ng/ml



#11 alpha-Chlordane

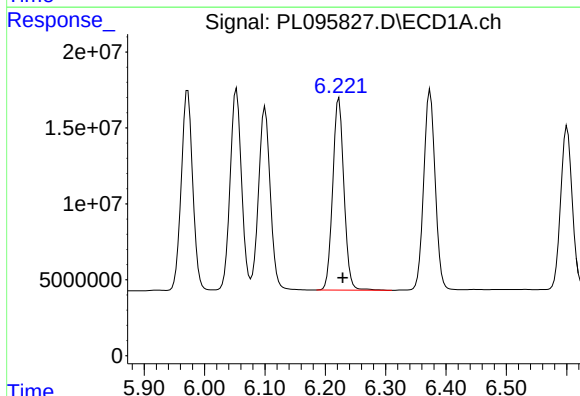
R.T.: 6.053 min  
Delta R.T.: -0.006 min  
Response: 172953197  
Conc: 43.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



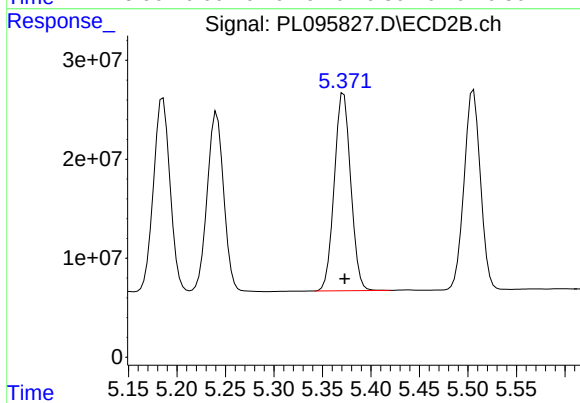
#11 alpha-Chlordane

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 235046366  
Conc: 45.18 ng/ml



#12 4,4'-DDE

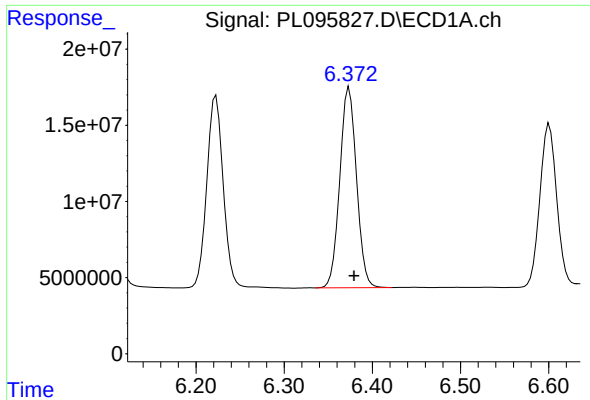
R.T.: 6.223 min  
Delta R.T.: -0.006 min  
Response: 163790674  
Conc: 44.66 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: -0.001 min  
Response: 235416322  
Conc: 43.90 ng/ml

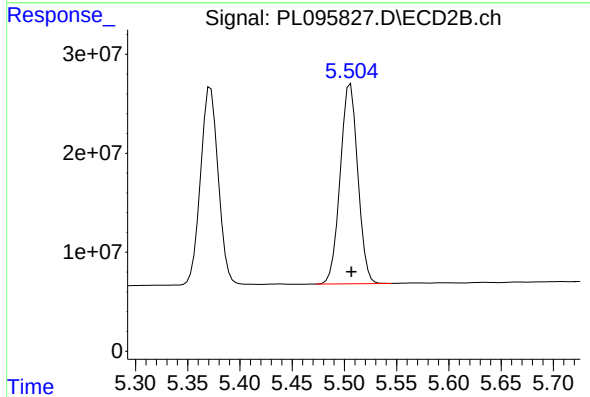




#13 Dieldrin

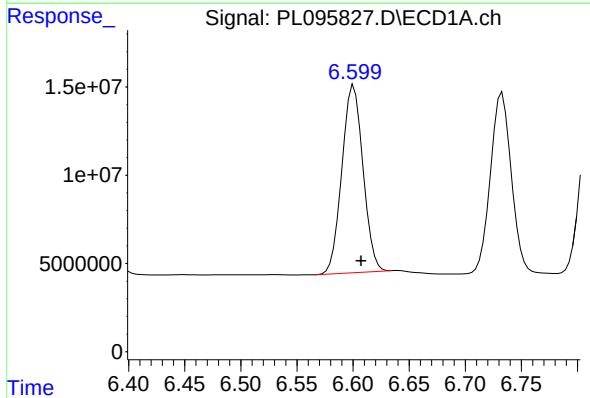
R.T.: 6.374 min  
Delta R.T.: -0.006 min  
Response: 173002572  
Conc: 44.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



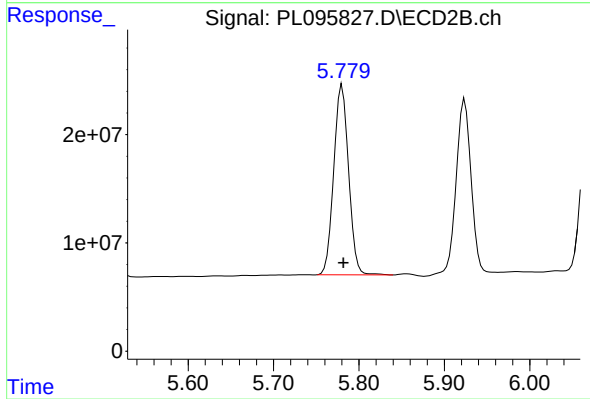
#13 Dieldrin

R.T.: 5.506 min  
Delta R.T.: 0.000 min  
Response: 236262851  
Conc: 44.58 ng/ml



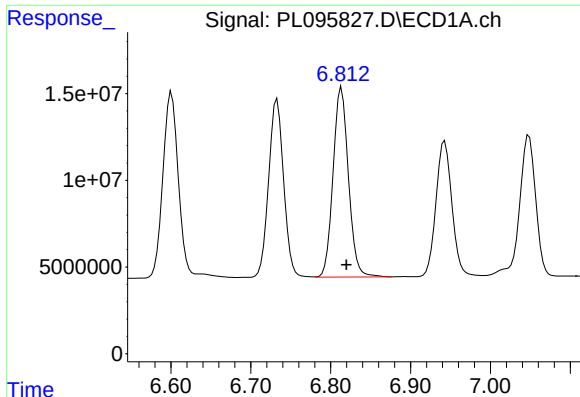
#14 Endrin

R.T.: 6.601 min  
Delta R.T.: -0.006 min  
Response: 139363663  
Conc: 43.19 ng/ml



#14 Endrin

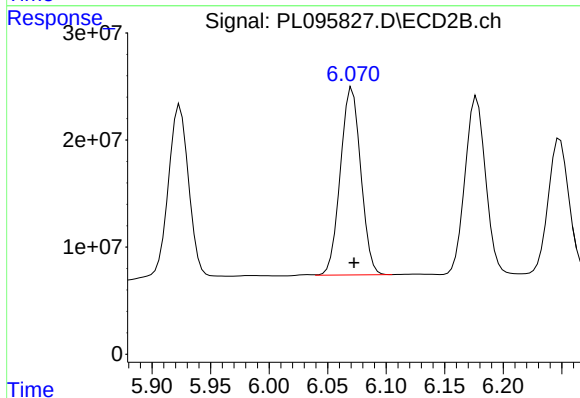
R.T.: 5.780 min  
Delta R.T.: -0.001 min  
Response: 212452782  
Conc: 43.57 ng/ml



#15 Endosulfan II

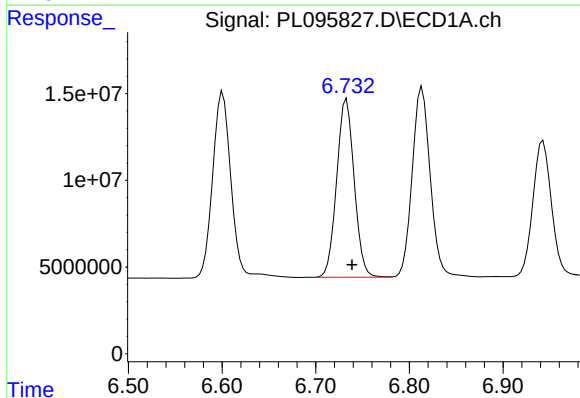
R.T.: 6.814 min  
Delta R.T.: -0.006 min  
Response: 146022264  
Conc: 42.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



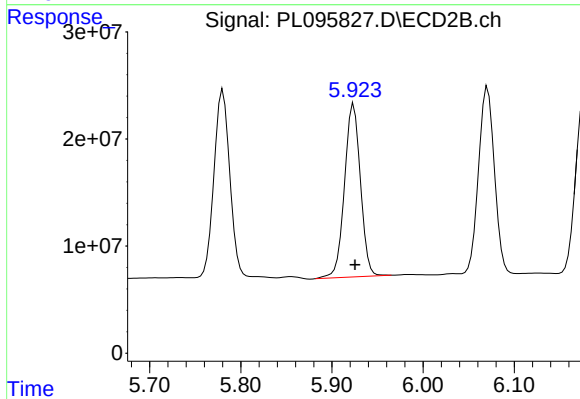
#15 Endosulfan II

R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 212322930  
Conc: 44.68 ng/ml



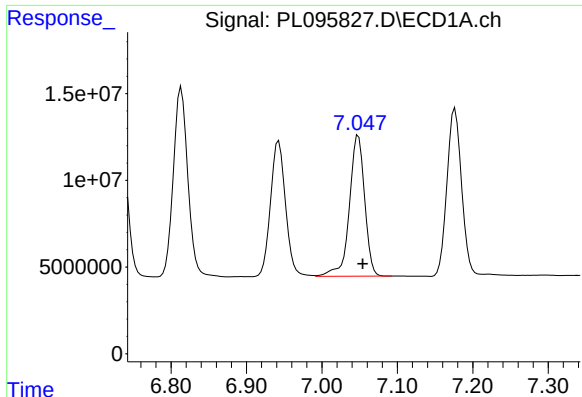
#16 4,4'-DDD

R.T.: 6.733 min  
Delta R.T.: -0.006 min  
Response: 133627725  
Conc: 45.60 ng/ml



#16 4,4'-DDD

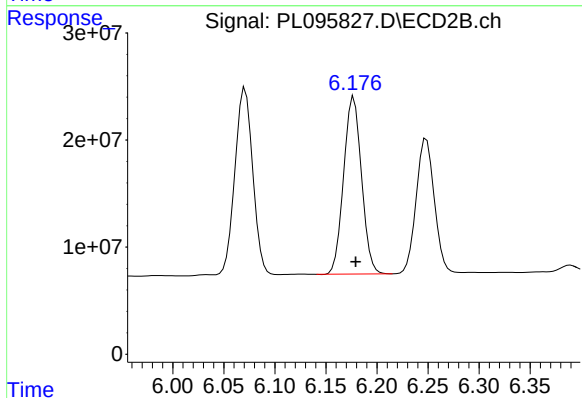
R.T.: 5.924 min  
Delta R.T.: -0.002 min  
Response: 196296565  
Conc: 44.77 ng/ml



#17 4,4'-DDT

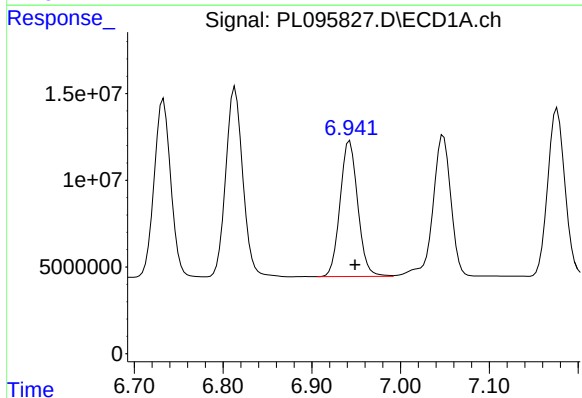
R.T.: 7.048 min  
Delta R.T.: -0.006 min  
Response: 114515482  
Conc: 42.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



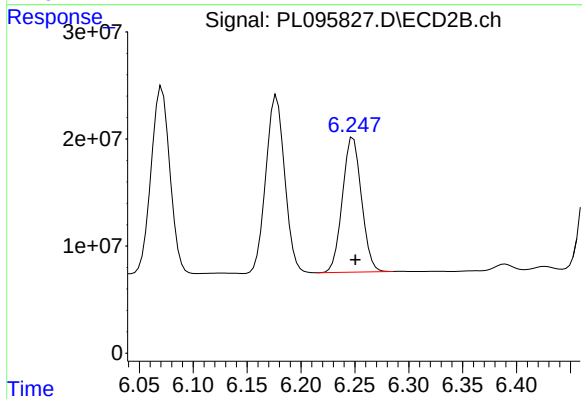
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 201624446  
Conc: 42.16 ng/ml



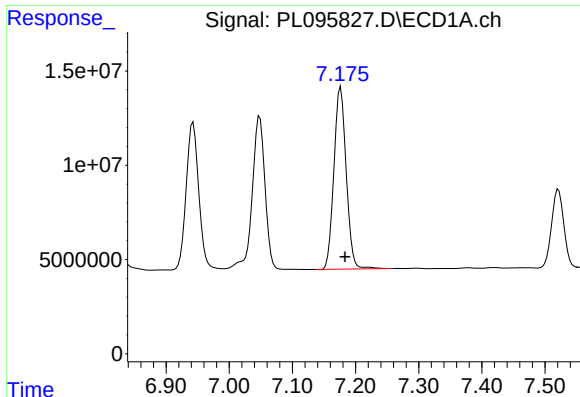
#18 Endrin aldehyde

R.T.: 6.943 min  
Delta R.T.: -0.006 min  
Response: 108561945  
Conc: 44.90 ng/ml



#18 Endrin aldehyde

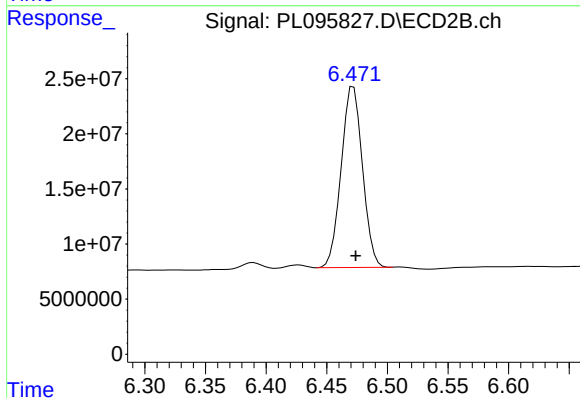
R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 155016290  
Conc: 44.88 ng/ml



#19 Endosulfan Sulfate

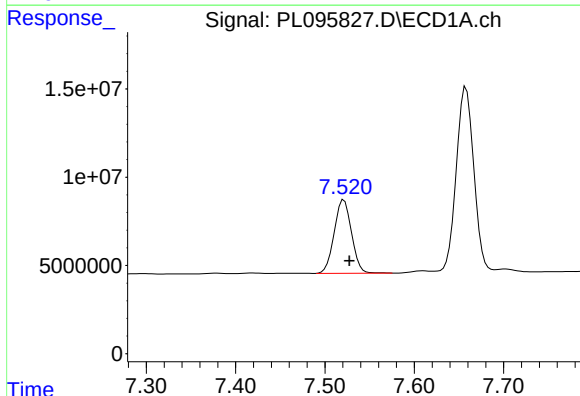
R.T.: 7.176 min  
Delta R.T.: -0.007 min  
Response: 130778586  
Conc: 43.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



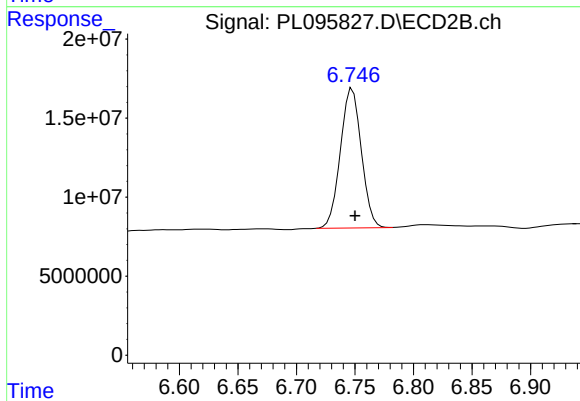
#19 Endosulfan Sulfate

R.T.: 6.472 min  
Delta R.T.: -0.002 min  
Response: 200292799  
Conc: 44.56 ng/ml



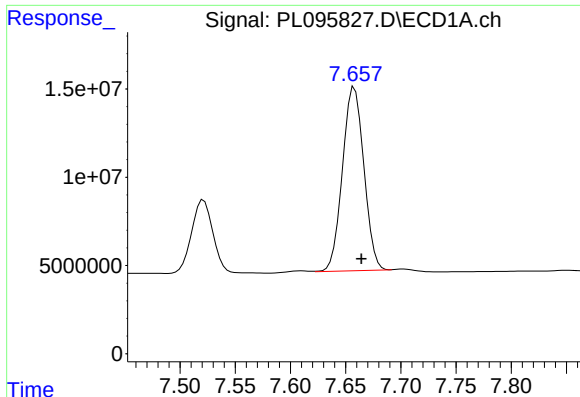
#20 Methoxychlor

R.T.: 7.521 min  
Delta R.T.: -0.006 min  
Response: 56058943  
Conc: 43.96 ng/ml



#20 Methoxychlor

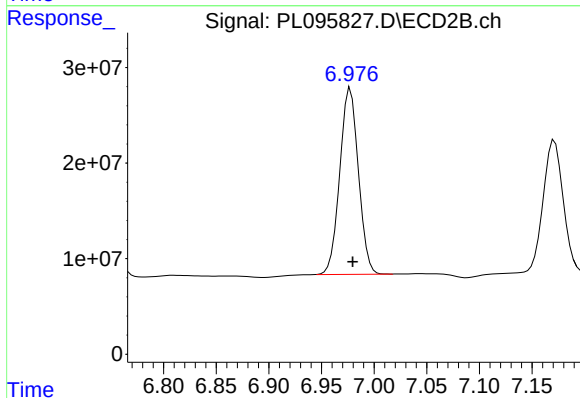
R.T.: 6.748 min  
Delta R.T.: -0.002 min  
Response: 110083191  
Conc: 42.08 ng/ml



#21 Endrin ketone

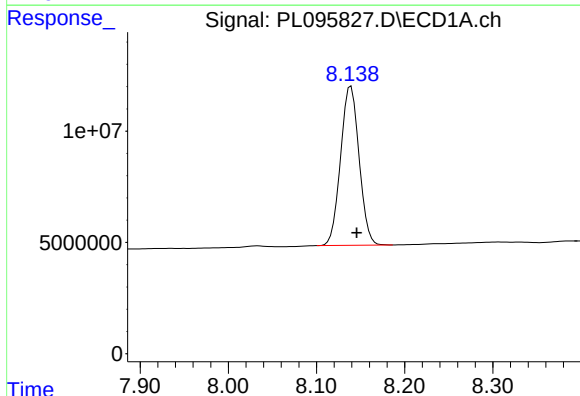
R.T.: 7.658 min  
Delta R.T.: -0.006 min  
Response: 140589096  
Conc: 44.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



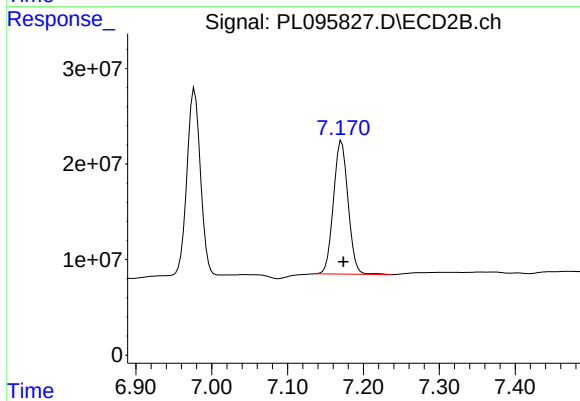
#21 Endrin ketone

R.T.: 6.977 min  
Delta R.T.: -0.002 min  
Response: 240849715  
Conc: 46.55 ng/ml



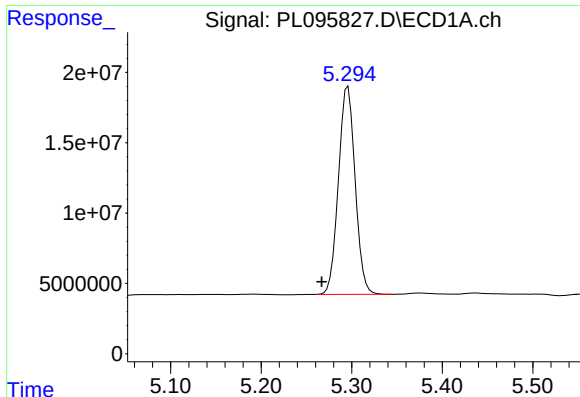
#22 Mirex

R.T.: 8.139 min  
Delta R.T.: -0.006 min  
Response: 104182113  
Conc: 45.03 ng/ml



#22 Mirex

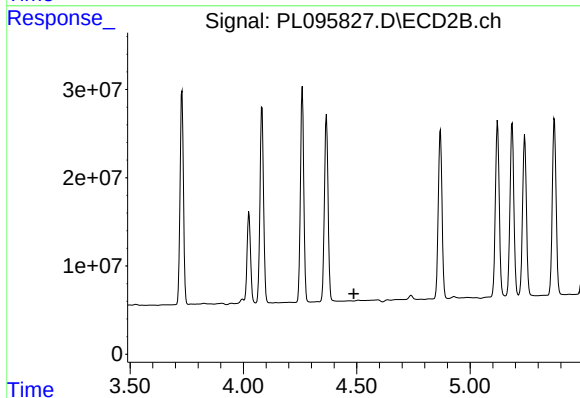
R.T.: 7.171 min  
Delta R.T.: -0.002 min  
Response: 187092272  
Conc: 46.08 ng/ml



#24 Chlordane-2

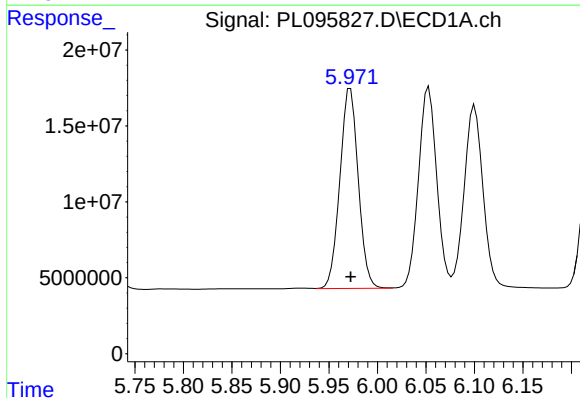
R.T.: 5.296 min  
Delta R.T.: 0.029 min  
Response: 189227369  
Conc: 984.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



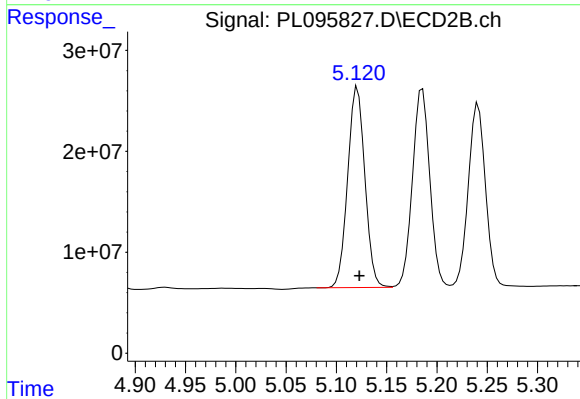
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.487 min  
Response: 0  
Conc: N.D.



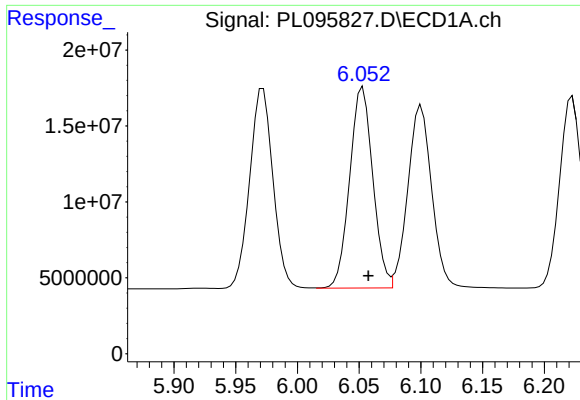
#25 Chlordane-3

R.T.: 5.972 min  
Delta R.T.: 0.000 min  
Response: 173577710  
Conc: 234.87 ng/ml



#25 Chlordane-3

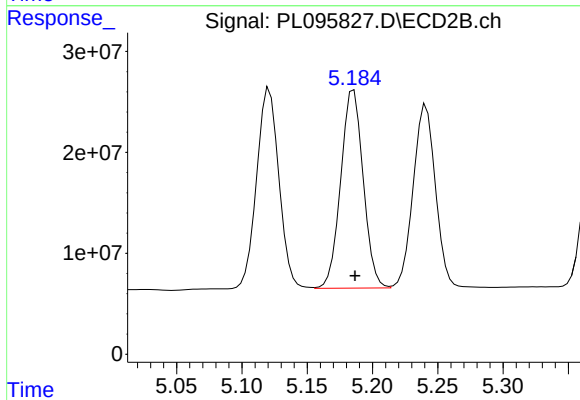
R.T.: 5.121 min  
Delta R.T.: -0.002 min  
Response: 235755412  
Conc: 357.80 ng/ml



#26 Chlordane-4

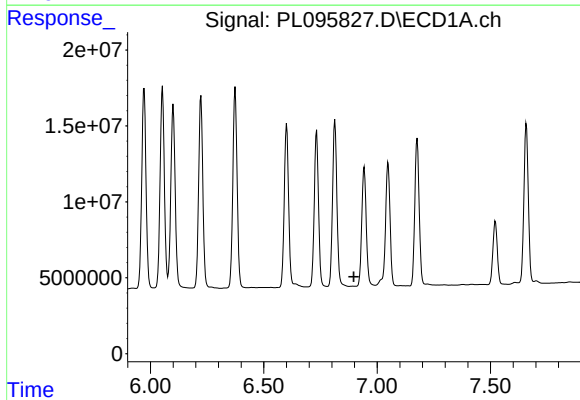
R.T.: 6.053 min  
Delta R.T.: -0.005 min  
Response: 172953197  
Conc: 192.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



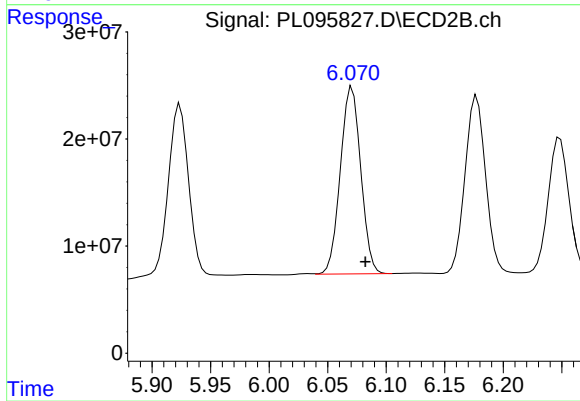
#26 Chlordane-4

R.T.: 5.186 min  
Delta R.T.: -0.001 min  
Response: 235046366  
Conc: 411.71 ng/ml



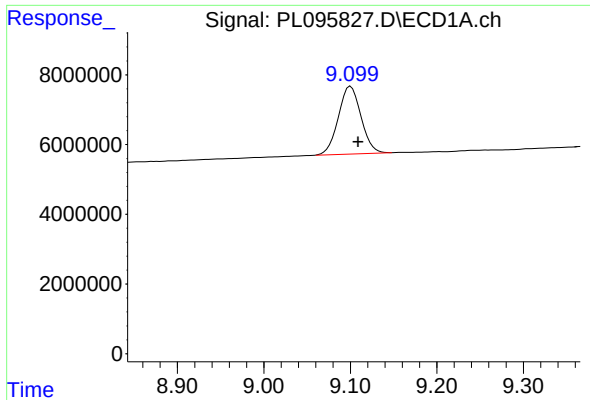
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.897 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

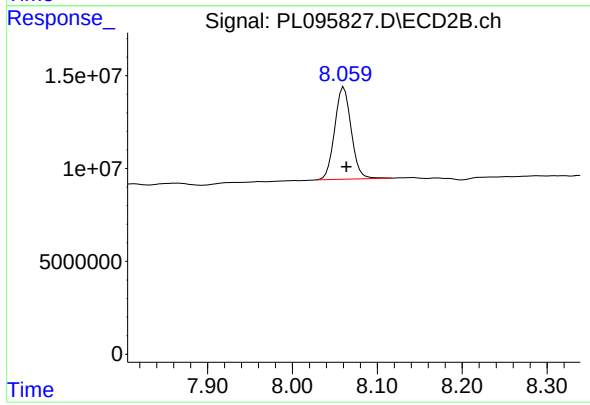
R.T.: 6.071 min  
Delta R.T.: -0.011 min  
Response: 212322930  
Conc: 832.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: -0.009 min  
Response: 35199100  
Conc: 14.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.061 min  
Delta R.T.: -0.003 min  
Response: 66986091  
Conc: 15.31 ng/ml