

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
 Data File : PL092977.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Nov 2024 21:24  
 Operator : AR\AJ  
 Sample : P4722-15MS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-3(0-6)MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 00:31:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 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... | 3.542 | 2.779 | 52593753 | 59256581 | 21.465  | 21.776     |
| 28)                         | SA Decachlor... | 9.061 | 7.919 | 30317323 | 42433949 | 15.753  | 15.548     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.999 | 3.281 | 184.8E6  | 228.7E6  | 54.492  | 57.328     |
| 3)                          | MA gamma-BHC... | 4.331 | 3.612 | 93386511 | 219.6E6  | 28.650  | 56.894 #   |
| 4)                          | MA Heptachlor   | 4.920 | 3.951 | 152.7E6  | 211.1E6  | 50.848  | 55.944     |
| 5)                          | MB Aldrin       | 5.262 | 4.231 | 146.2E6  | 193.9E6  | 48.708  | 52.976     |
| 6)                          | B beta-BHC      | 4.529 | 3.911 | 79864598 | 97664267 | 55.252  | 59.325     |
| 7)                          | B delta-BHC     | 4.776 | 4.140 | 151.3E6  | 187.5E6  | 48.329  | 48.786     |
| 8)                          | B Heptachlo...  | 5.688 | 4.733 | 144.3E6  | 191.0E6  | 52.274  | 57.148     |
| 9)                          | A Endosulfan I  | 6.074 | 5.103 | 132.6E6  | 177.8E6  | 52.998  | 58.250     |
| 10)                         | B gamma-Chl...  | 5.944 | 4.983 | 140.8E6  | 195.6E6  | 52.912  | 58.196     |
| 11)                         | B alpha-Chl...  | 6.023 | 5.047 | 138.8E6  | 191.6E6  | 52.403  | 57.594     |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.236 | 121.9E6  | 183.9E6  | 51.461  | 57.086     |
| 13)                         | MA Dieldrin     | 6.349 | 5.368 | 140.2E6  | 198.8E6  | 53.184  | 59.520     |
| 14)                         | MA Endrin       | 6.579 | 5.643 | 114.5E6  | 173.4E6  | 50.281  | 59.953     |
| 15)                         | B Endosulfa...  | 6.799 | 5.938 | 122.8E6  | 167.8E6  | 51.516  | 59.231     |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.791 | 108.6E6  | 156.5E6  | 56.597  | 62.867     |
| 17)                         | MA 4,4'-DDT     | 7.029 | 6.042 | 102.5E6  | 139.6E6  | 49.541  | 52.047     |
| 18)                         | B Endrin al...  | 6.929 | 6.117 | 94626703 | 126.7E6  | 50.388  | 54.906     |
| 19)                         | B Endosulfa...  | 7.164 | 6.341 | 108.5E6  | 151.5E6  | 49.973  | 56.189     |
| 20)                         | A Methoxychlor  | 7.504 | 6.617 | 55268198 | 72862880 | 48.481  | 51.023     |
| 21)                         | B Endrin ke...  | 7.648 | 6.847 | 125.2E6  | 175.9E6  | 51.696  | 57.330     |
| 22)                         | Mirex           | 8.122 | 7.027 | 86302856 | 121.8E6  | 43.550  | 46.697     |
| 23)                         | Chlordane-1     | 0.000 | 3.771 | 0        | 300796   | N.D.    | 2.834 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.369 | 0        | 1060171  | N.D.    | 8.560 #    |
| 25)                         | Chlordane-3     | 5.944 | 4.983 | 140.8E6  | 195.6E6  | 360.684 | 539.411 #  |
| 26)                         | Chlordane-4     | 6.023 | 5.047 | 138.8E6  | 191.6E6  | 290.309 | 547.600 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.938 | 0        | 167.8E6  | N.D.    | 1323.402 # |
| -----                       |                 |       |       |          |          |         |            |

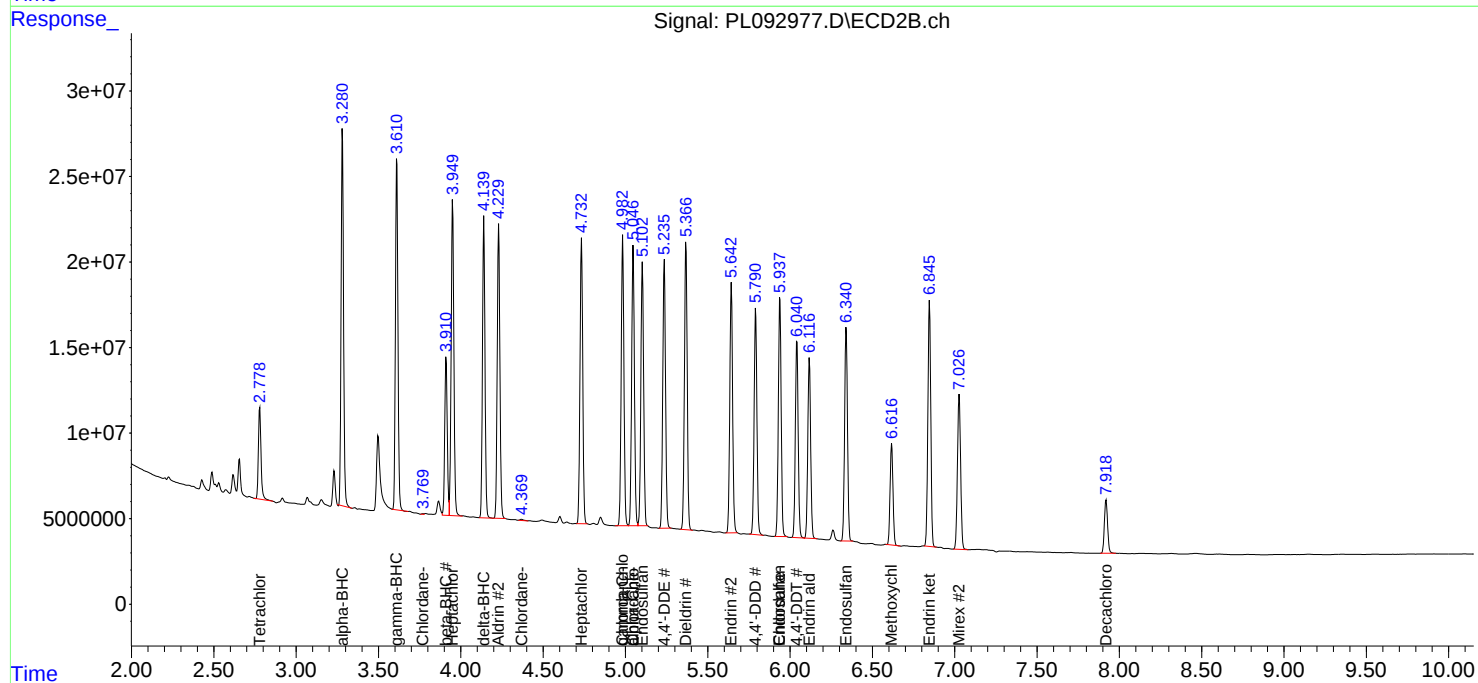
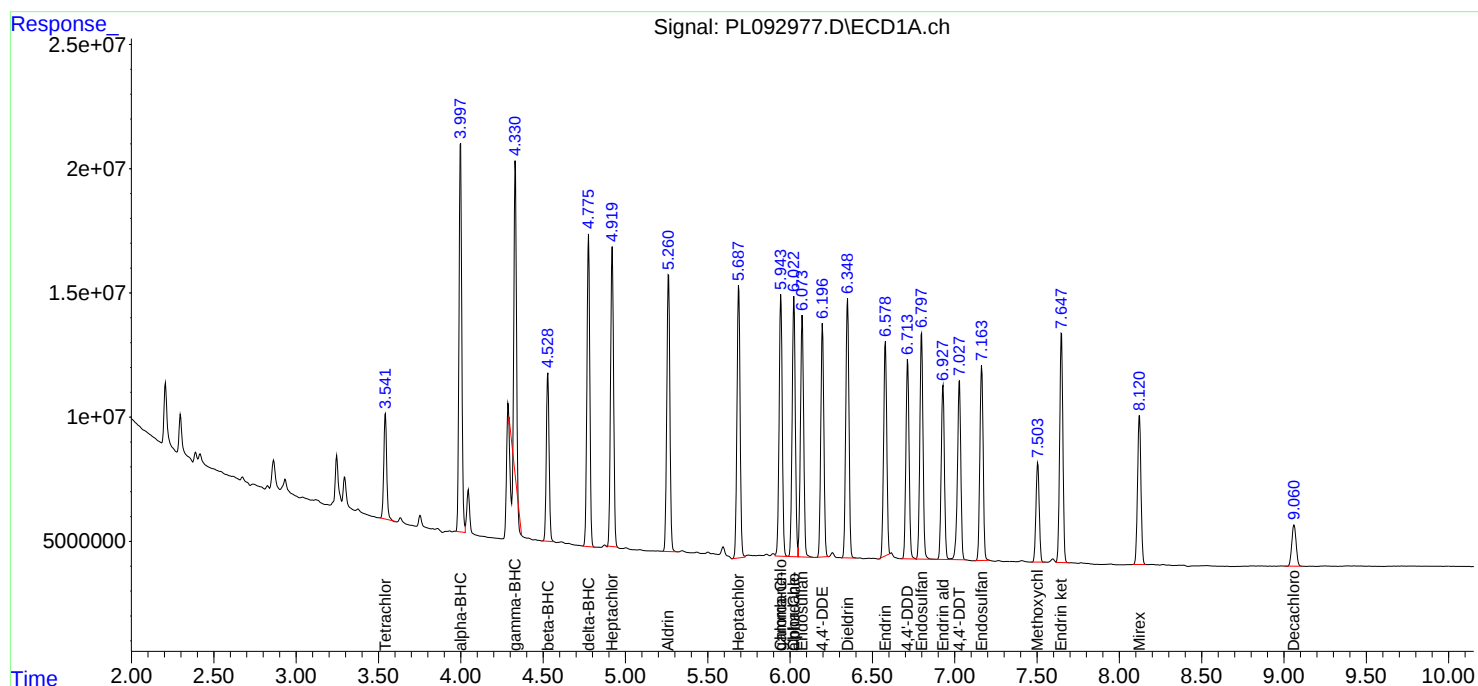
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

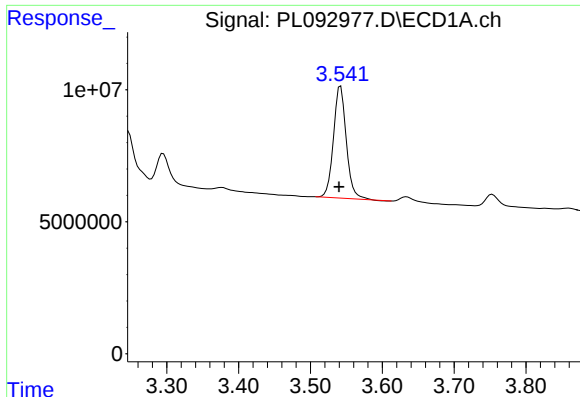
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
Data File : PL092977.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Nov 2024 21:24  
Operator : AR\AJ  
Sample : P4722-15MS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 12 00:31:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
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

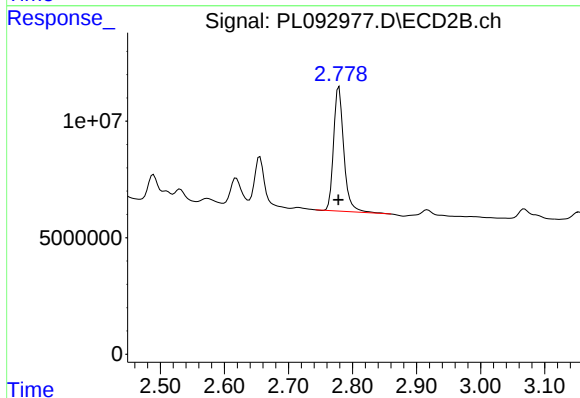




#1 Tetrachloro-m-xylene

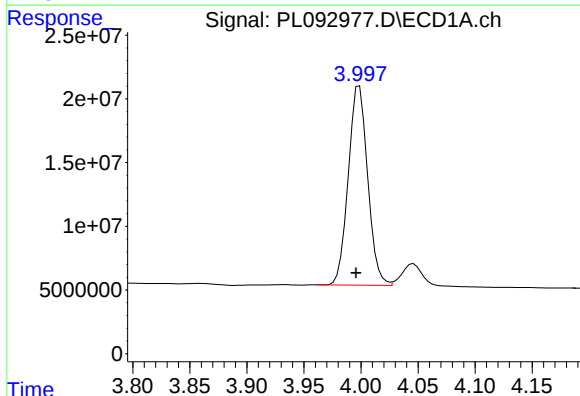
R.T.: 3.542 min  
Delta R.T.: 0.002 min  
Response: 52593753  
Conc: 21.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



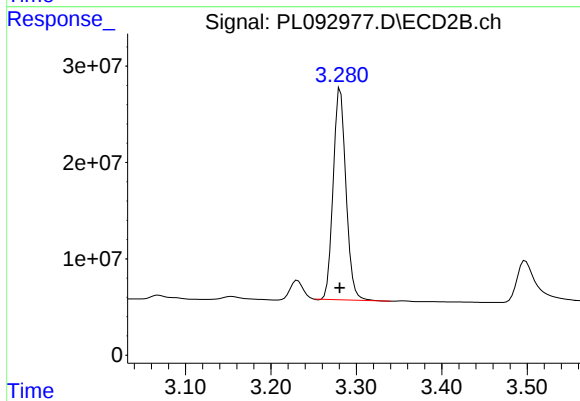
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.001 min  
Response: 59256581  
Conc: 21.78 ng/ml



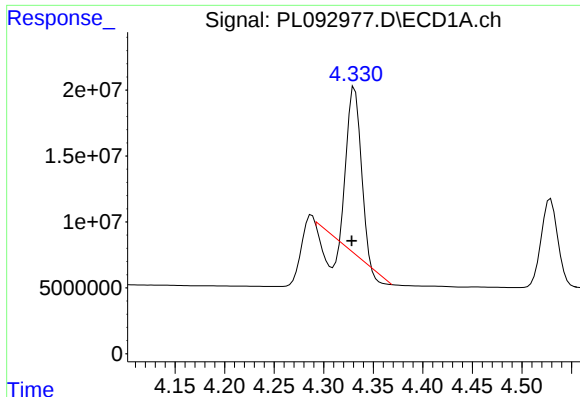
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.003 min  
Response: 184812086  
Conc: 54.49 ng/ml



#2 alpha-BHC

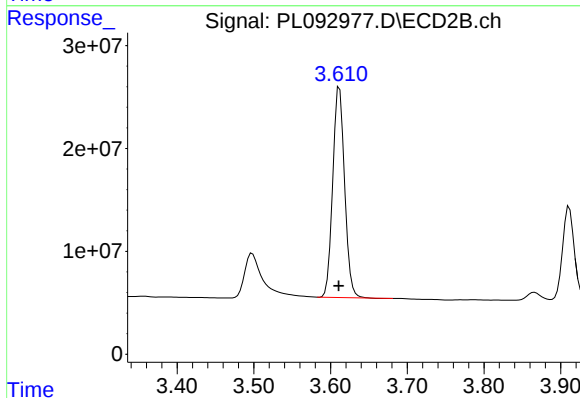
R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 228748977  
Conc: 57.33 ng/ml



#3 gamma-BHC (Lindane)

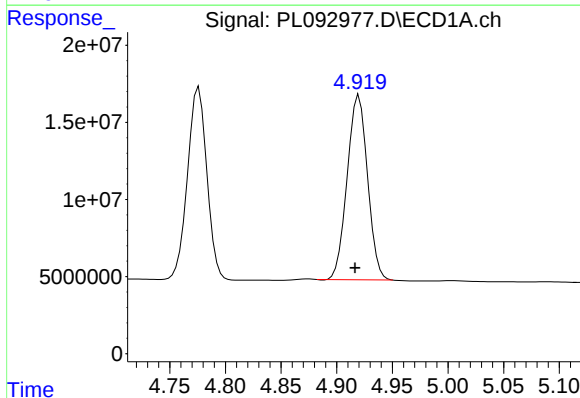
R.T.: 4.331 min  
Delta R.T.: 0.003 min  
Response: 93386511  
Conc: 28.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



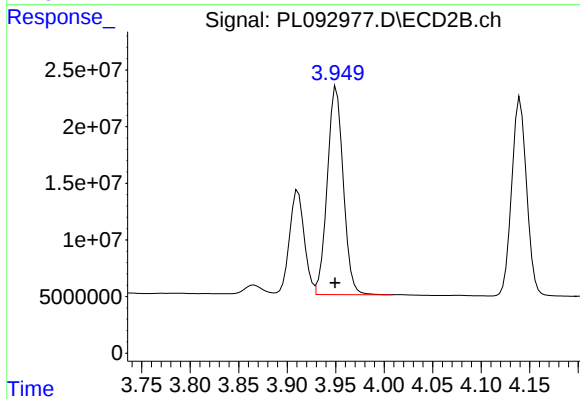
#3 gamma-BHC (Lindane)

R.T.: 3.612 min  
Delta R.T.: 0.000 min  
Response: 219578868  
Conc: 56.89 ng/ml



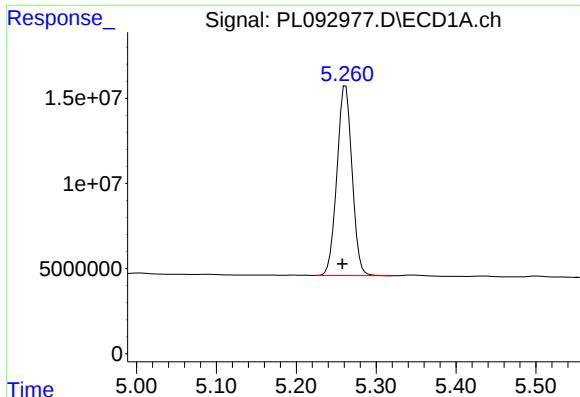
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.003 min  
Response: 152703638  
Conc: 50.85 ng/ml



#4 Heptachlor

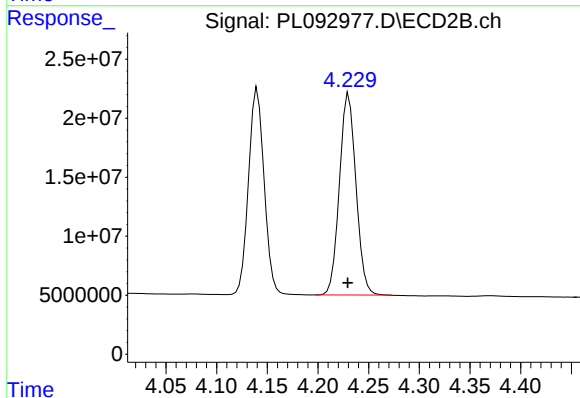
R.T.: 3.951 min  
Delta R.T.: 0.001 min  
Response: 211130175  
Conc: 55.94 ng/ml



#5 Aldrin

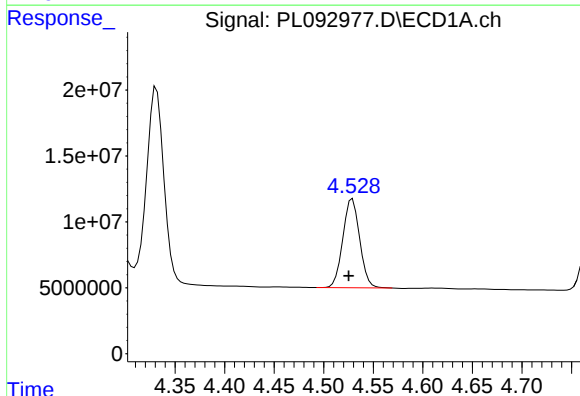
R.T.: 5.262 min  
Delta R.T.: 0.004 min  
Response: 146196917  
Conc: 48.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



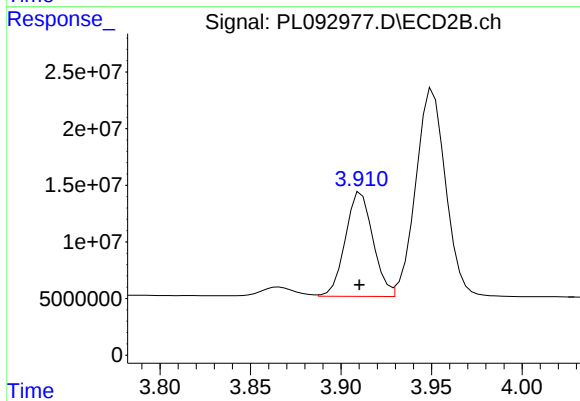
#5 Aldrin

R.T.: 4.231 min  
Delta R.T.: 0.001 min  
Response: 193904086  
Conc: 52.98 ng/ml



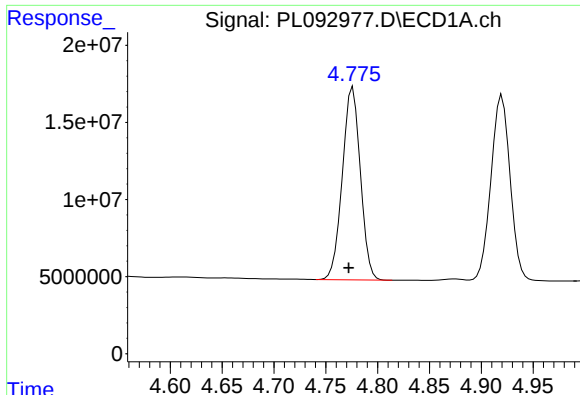
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.004 min  
Response: 79864598  
Conc: 55.25 ng/ml



#6 beta-BHC

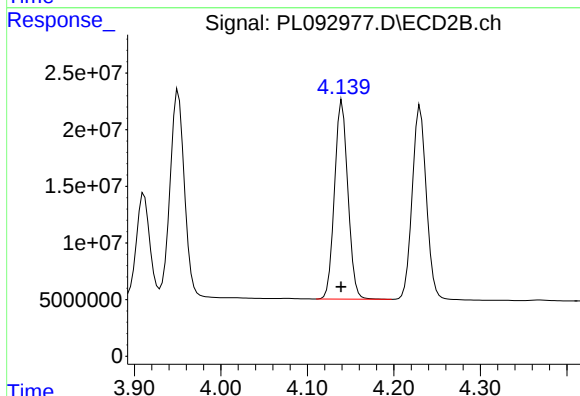
R.T.: 3.911 min  
Delta R.T.: 0.001 min  
Response: 97664267  
Conc: 59.33 ng/ml



#7 delta-BHC

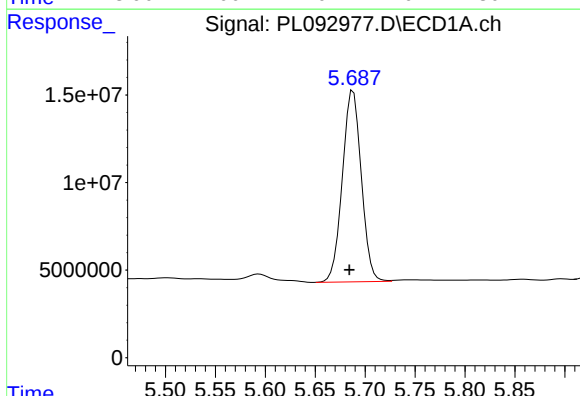
R.T.: 4.776 min  
Delta R.T.: 0.004 min  
Response: 151262666  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



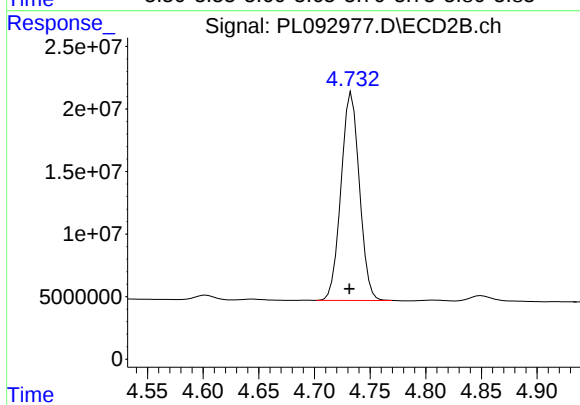
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.001 min  
Response: 187493833  
Conc: 48.79 ng/ml



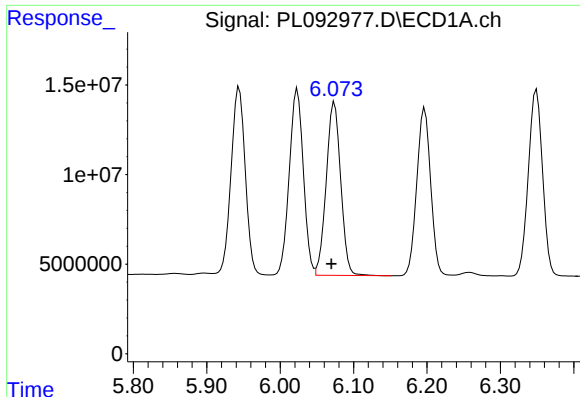
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.004 min  
Response: 144349324  
Conc: 52.27 ng/ml



#8 Heptachlor epoxide

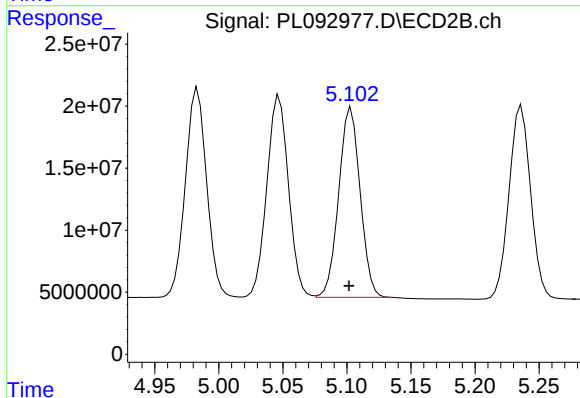
R.T.: 4.733 min  
Delta R.T.: 0.002 min  
Response: 190954011  
Conc: 57.15 ng/ml



#9 Endosulfan I

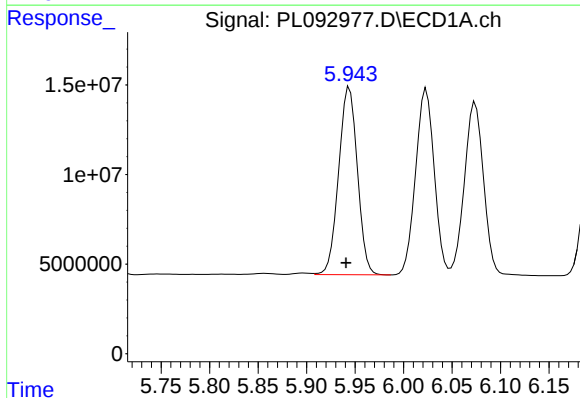
R.T.: 6.074 min  
Delta R.T.: 0.004 min  
Response: 132567329  
Conc: 53.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



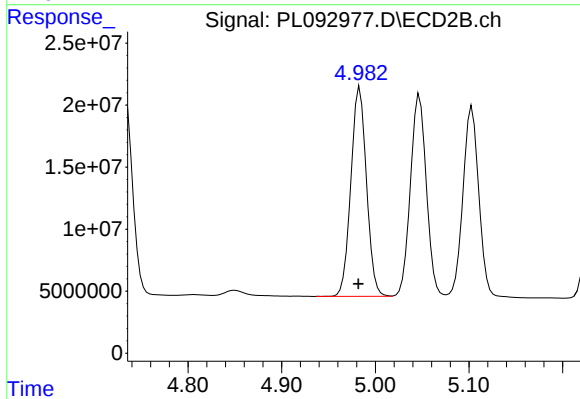
#9 Endosulfan I

R.T.: 5.103 min  
Delta R.T.: 0.001 min  
Response: 177844236  
Conc: 58.25 ng/ml



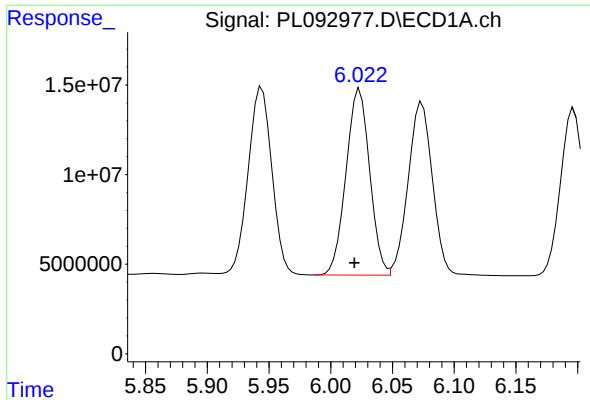
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.003 min  
Response: 140780483  
Conc: 52.91 ng/ml



#10 gamma-Chlordane

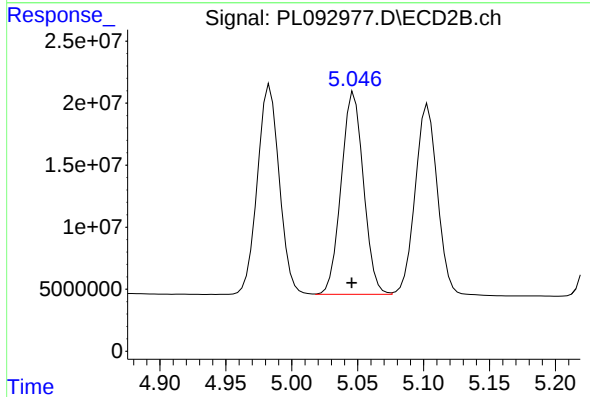
R.T.: 4.983 min  
Delta R.T.: 0.002 min  
Response: 195635330  
Conc: 58.20 ng/ml



#11 alpha-Chlordane

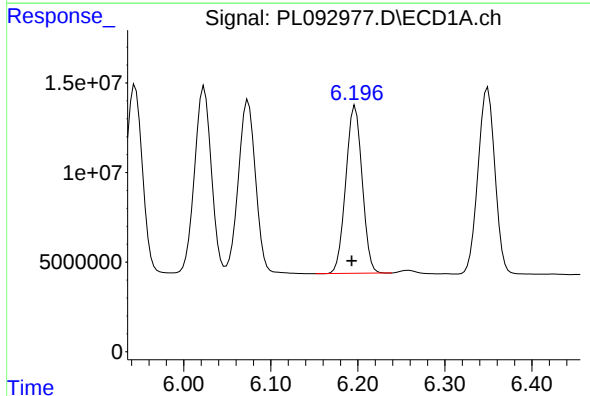
R.T.: 6.023 min  
Delta R.T.: 0.004 min  
Response: 138769284  
Conc: 52.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



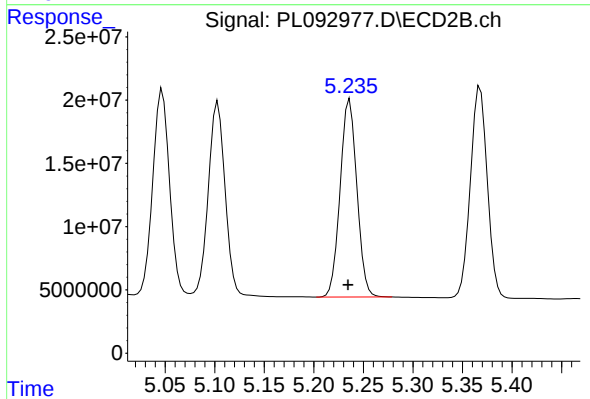
#11 alpha-Chlordane

R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 191557893  
Conc: 57.59 ng/ml



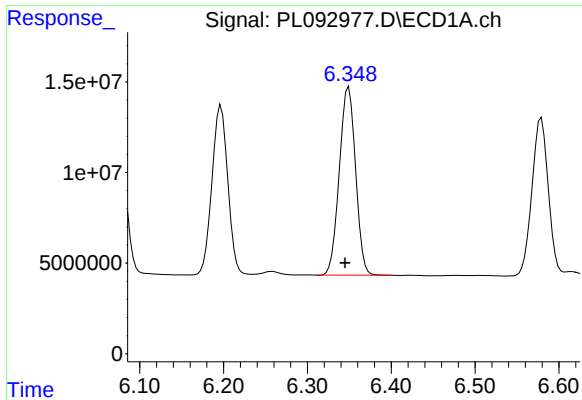
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: 0.004 min  
Response: 121921780  
Conc: 51.46 ng/ml



#12 4,4'-DDE

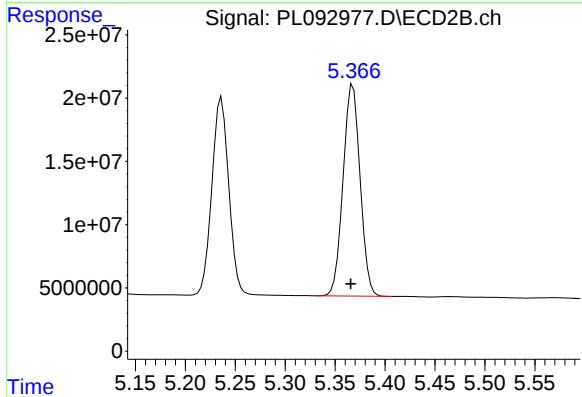
R.T.: 5.236 min  
Delta R.T.: 0.002 min  
Response: 183907475  
Conc: 57.09 ng/ml



#13 Dieldrin

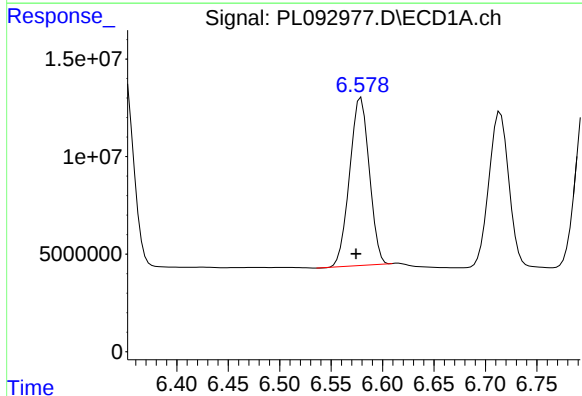
R.T.: 6.349 min  
Delta R.T.: 0.004 min  
Response: 140166325  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



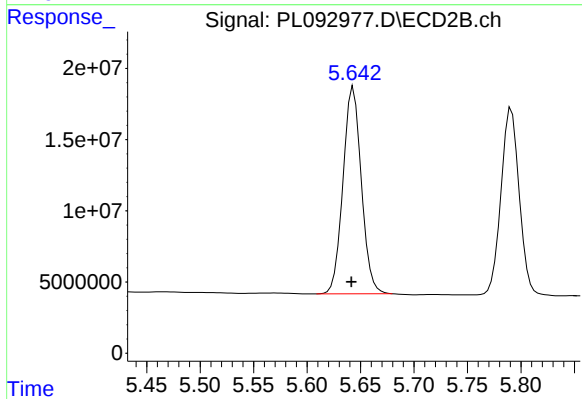
#13 Dieldrin

R.T.: 5.368 min  
Delta R.T.: 0.002 min  
Response: 198816269  
Conc: 59.52 ng/ml



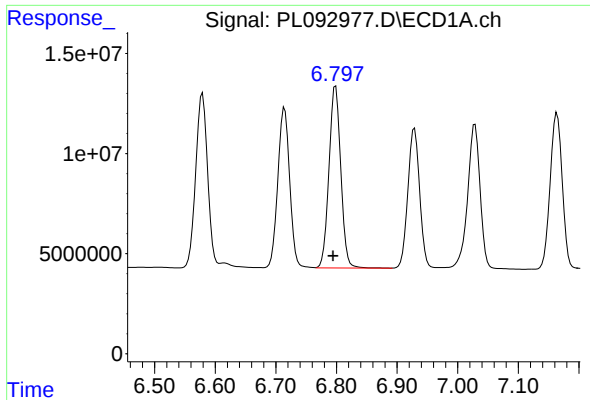
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.005 min  
Response: 114472182  
Conc: 50.28 ng/ml



#14 Endrin

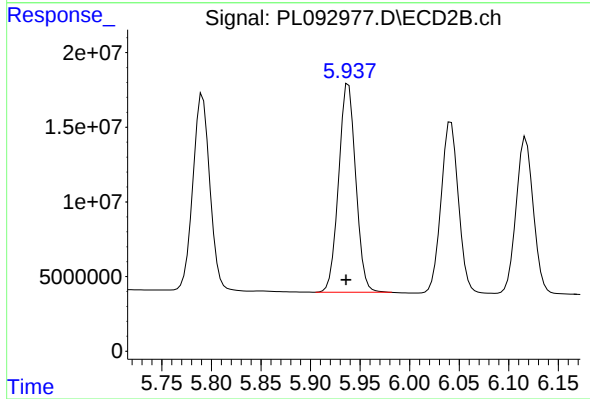
R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 173443556  
Conc: 59.95 ng/ml



#15 Endosulfan II

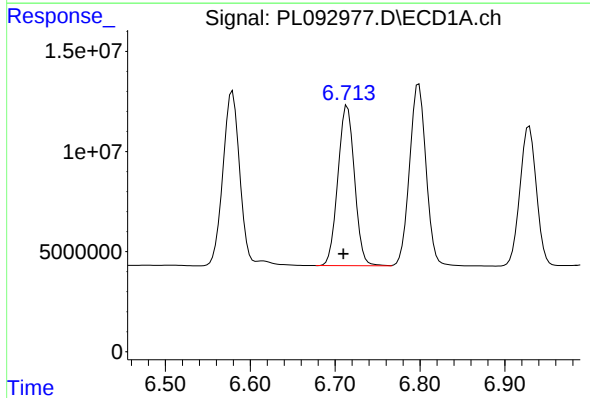
R.T.: 6.799 min  
Delta R.T.: 0.005 min  
Response: 122804777  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



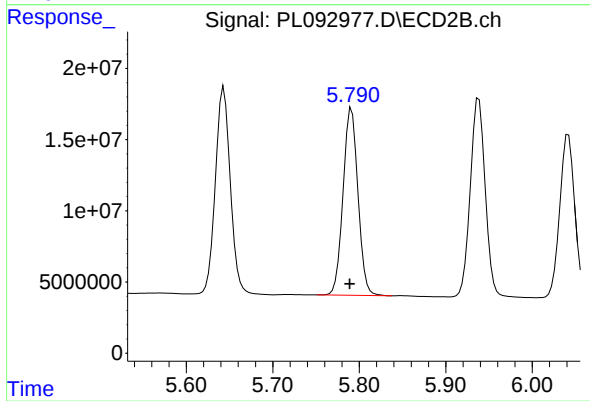
#15 Endosulfan II

R.T.: 5.938 min  
Delta R.T.: 0.002 min  
Response: 167817899  
Conc: 59.23 ng/ml



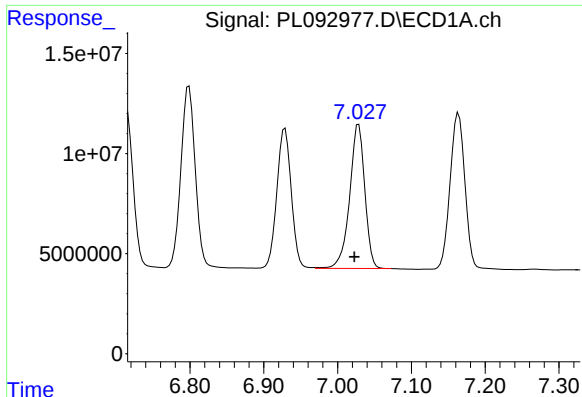
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.005 min  
Response: 108639969  
Conc: 56.60 ng/ml



#16 4,4'-DDD

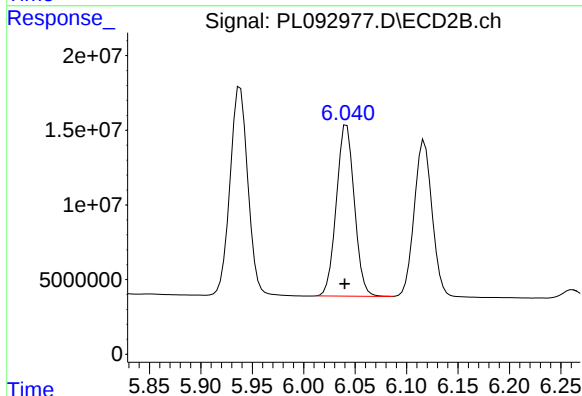
R.T.: 5.791 min  
Delta R.T.: 0.002 min  
Response: 156543961  
Conc: 62.87 ng/ml



#17 4,4'-DDT

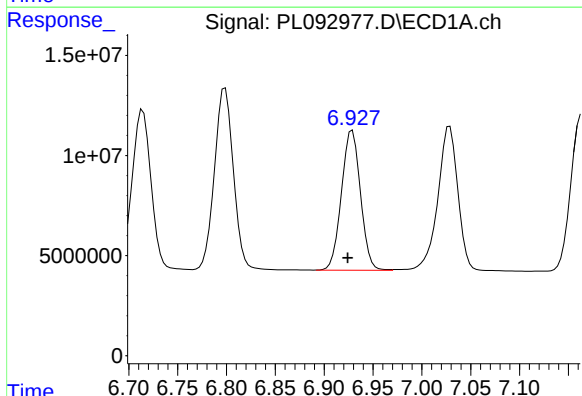
R.T.: 7.029 min  
Delta R.T.: 0.006 min  
Response: 102538561  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



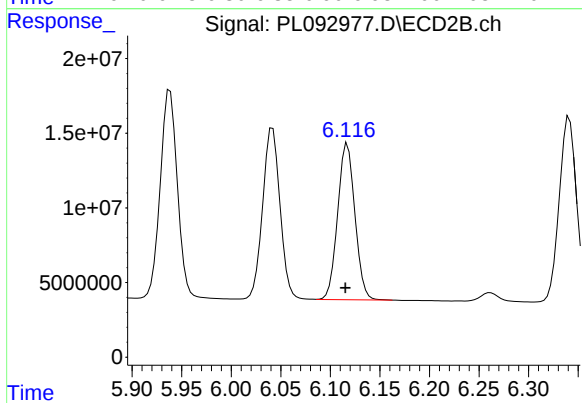
#17 4,4'-DDT

R.T.: 6.042 min  
Delta R.T.: 0.002 min  
Response: 139604110  
Conc: 52.05 ng/ml



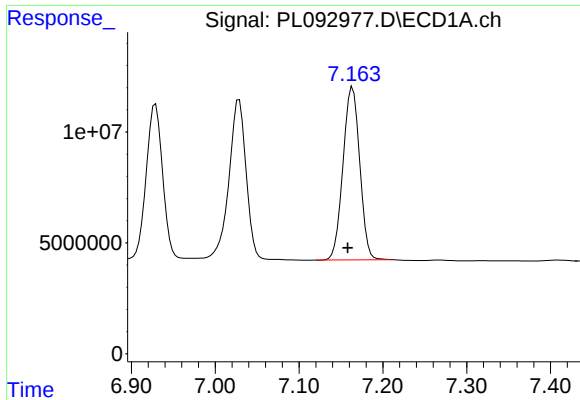
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.005 min  
Response: 94626703  
Conc: 50.39 ng/ml



#18 Endrin aldehyde

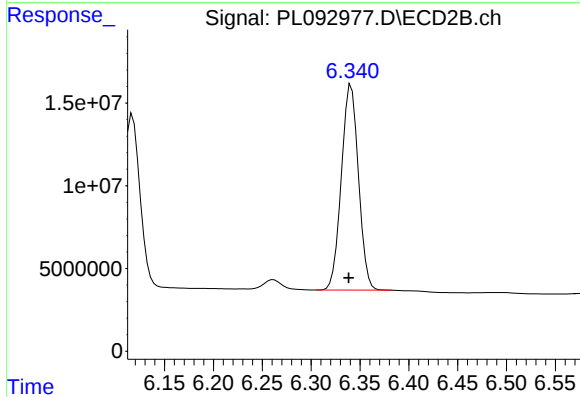
R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 126684345  
Conc: 54.91 ng/ml



#19 Endosulfan Sulfate

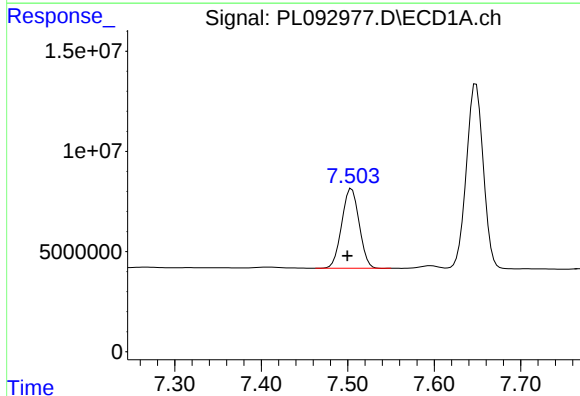
R.T.: 7.164 min  
Delta R.T.: 0.006 min  
Response: 108457811  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



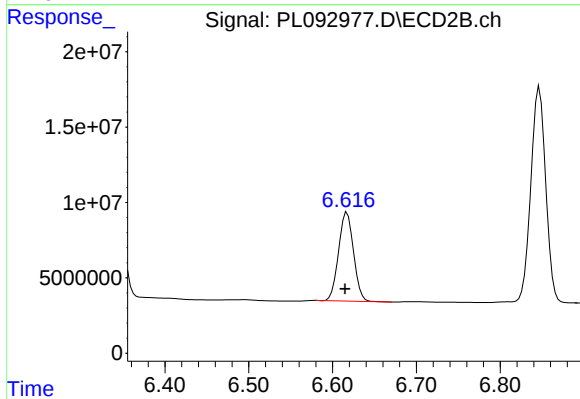
#19 Endosulfan Sulfate

R.T.: 6.341 min  
Delta R.T.: 0.003 min  
Response: 151533707  
Conc: 56.19 ng/ml



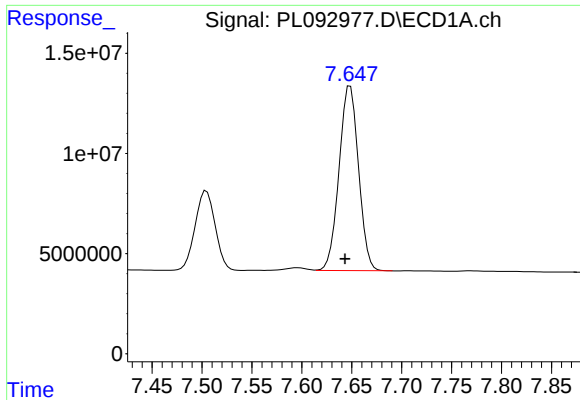
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: 0.005 min  
Response: 55268198  
Conc: 48.48 ng/ml



#20 Methoxychlor

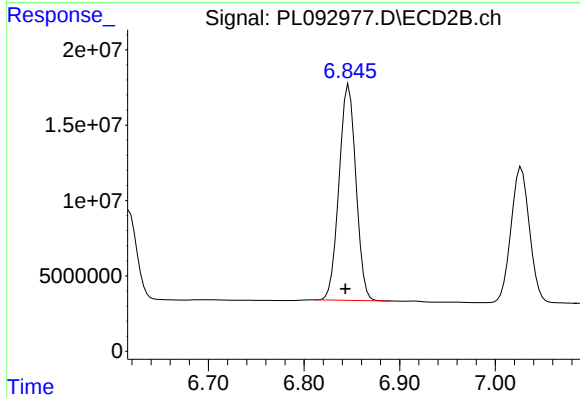
R.T.: 6.617 min  
Delta R.T.: 0.002 min  
Response: 72862880  
Conc: 51.02 ng/ml



#21 Endrin ketone

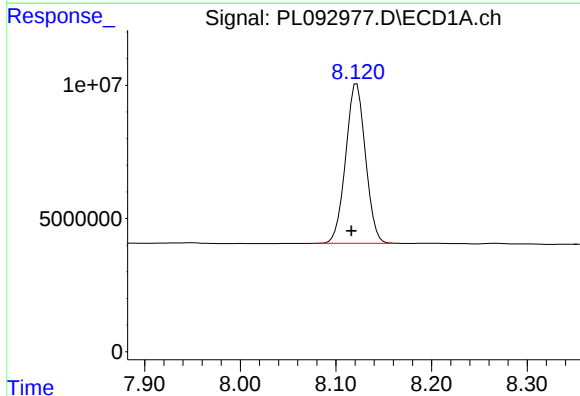
R.T.: 7.648 min  
Delta R.T.: 0.005 min  
Response: 125249604  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



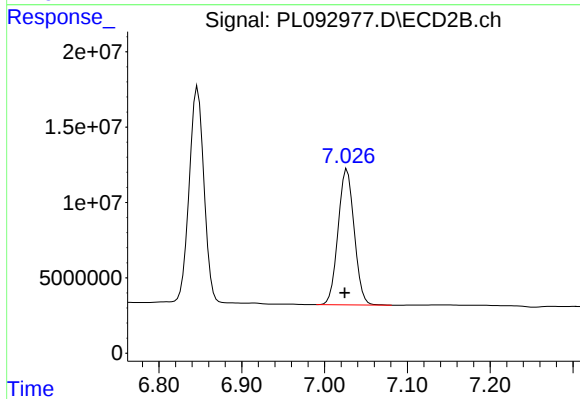
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: 0.003 min  
Response: 175935263  
Conc: 57.33 ng/ml



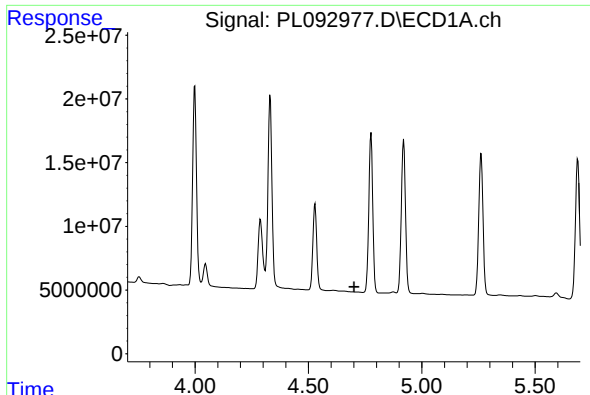
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.006 min  
Response: 86302856  
Conc: 43.55 ng/ml



#22 Mirex

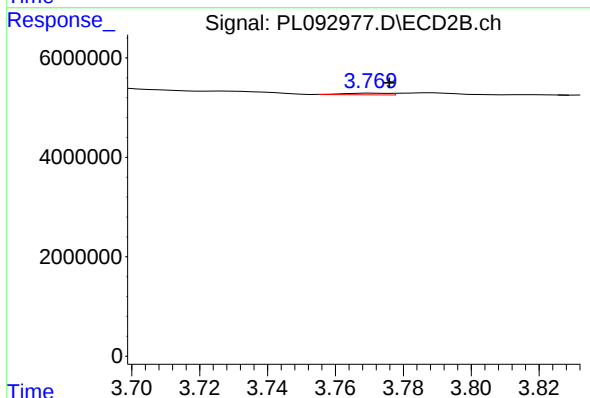
R.T.: 7.027 min  
Delta R.T.: 0.003 min  
Response: 121835472  
Conc: 46.70 ng/ml



#23 Chlordane-1

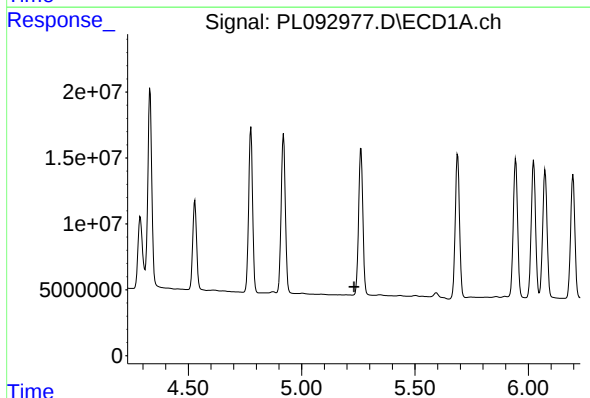
R.T.: 0.000 min  
Exp R.T.: 4.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



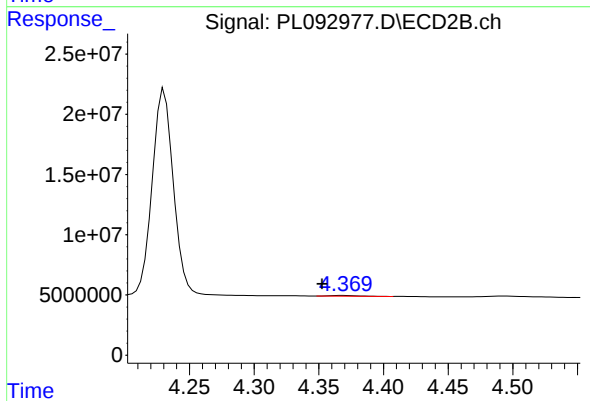
#23 Chlordane-1

R.T.: 3.771 min  
Delta R.T.: -0.005 min  
Response: 300796  
Conc: 2.83 ng/ml



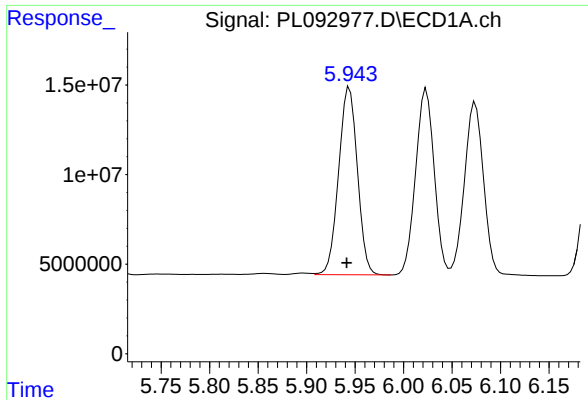
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.231 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

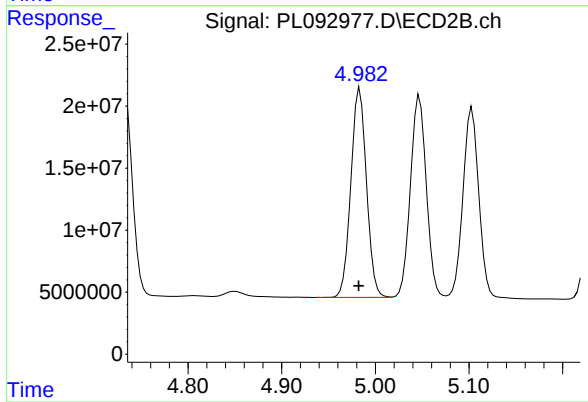
R.T.: 4.369 min  
Delta R.T.: 0.016 min  
Response: 1060171  
Conc: 8.56 ng/ml



#25 Chlordane-3

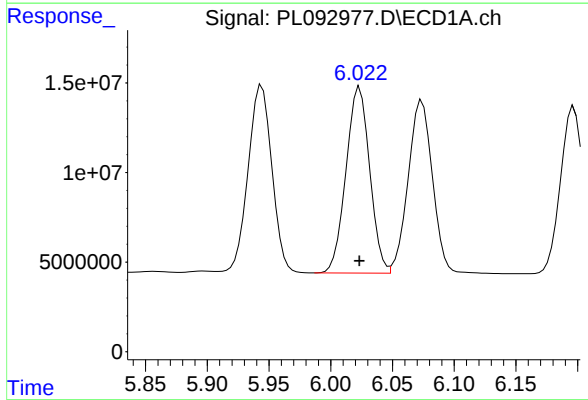
R.T.: 5.944 min  
Delta R.T.: 0.003 min  
Response: 140780483  
Conc: 360.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



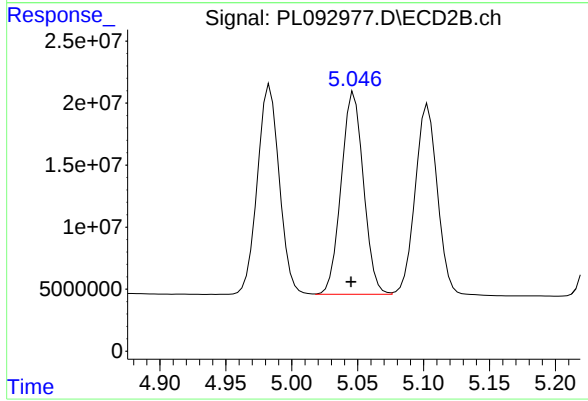
#25 Chlordane-3

R.T.: 4.983 min  
Delta R.T.: 0.001 min  
Response: 195635330  
Conc: 539.41 ng/ml



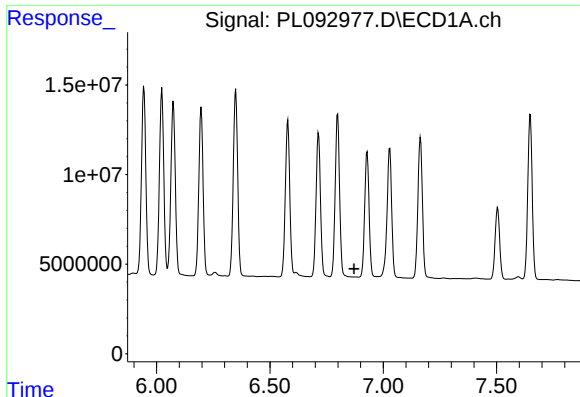
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: 0.000 min  
Response: 138769284  
Conc: 290.31 ng/ml



#26 Chlordane-4

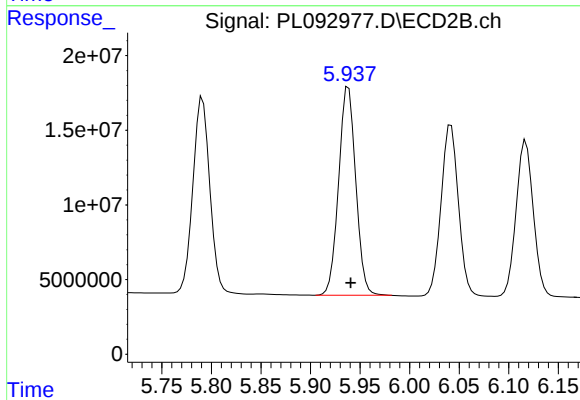
R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 191557893  
Conc: 547.60 ng/ml



#27 Chlordane-5

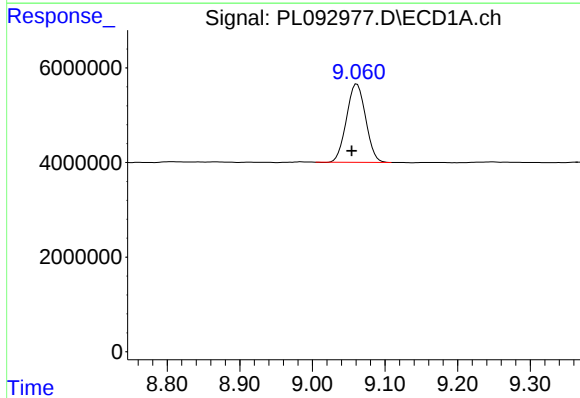
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
WC-3(0-6)MS



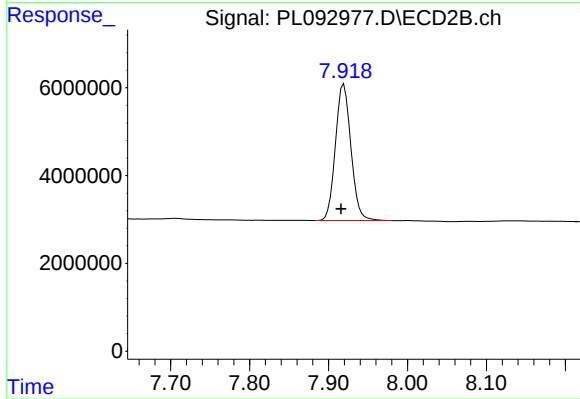
#27 Chlordane-5

R.T.: 5.938 min  
Delta R.T.: -0.002 min  
Response: 167817899  
Conc: 1323.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.007 min  
Response: 30317323  
Conc: 15.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: 0.004 min  
Response: 42433949  
Conc: 15.55 ng/ml