

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
 Data File : PL092993.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2024 01:06  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 01:09:45 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 | 2.778 | 123.1E6  | 140.7E6  | 50.223  | 51.722     |
| 28)                         | SA Decachlor... | 9.062 | 7.920 | 88021258 | 128.3E6  | 45.736  | 46.995     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.998 | 3.281 | 169.6E6  | 211.1E6  | 50.009  | 52.909     |
| 3)                          | MA gamma-BHC... | 4.331 | 3.611 | 160.9E6  | 202.5E6  | 49.356  | 52.477     |
| 4)                          | MA Heptachlor   | 4.919 | 3.950 | 137.7E6  | 185.8E6  | 45.836  | 49.223     |
| 5)                          | MB Aldrin       | 5.261 | 4.230 | 143.7E6  | 192.9E6  | 47.874  | 52.711     |
| 6)                          | B beta-BHC      | 4.529 | 3.911 | 70678897 | 85951393 | 48.897  | 52.210     |
| 7)                          | B delta-BHC     | 4.776 | 4.140 | 155.9E6  | 205.8E6  | 49.804  | 53.556     |
| 8)                          | B Heptachlo...  | 5.688 | 4.733 | 135.8E6  | 173.1E6  | 49.184  | 51.791     |
| 9)                          | A Endosulfan I  | 6.074 | 5.102 | 117.0E6  | 145.6E6  | 46.788  | 47.694     |
| 10)                         | B gamma-Chl...  | 5.944 | 4.983 | 126.5E6  | 175.2E6  | 47.547  | 52.130     |
| 11)                         | B alpha-Chl...  | 6.023 | 5.047 | 124.6E6  | 172.1E6  | 47.064  | 51.738     |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.236 | 114.3E6  | 172.3E6  | 48.260  | 53.479     |
| 13)                         | MA Dieldrin     | 6.349 | 5.367 | 123.4E6  | 175.3E6  | 46.824  | 52.495     |
| 14)                         | MA Endrin       | 6.579 | 5.643 | 95665938 | 140.7E6  | 42.020  | 48.623     |
| 15)                         | B Endosulfa...  | 6.798 | 5.938 | 107.1E6  | 146.4E6  | 44.936  | 51.656     |
| 16)                         | A 4,4'-DDD      | 6.714 | 5.791 | 99850229 | 146.3E6  | 52.018  | 58.747     |
| 17)                         | MA 4,4'-DDT     | 7.028 | 6.041 | 82728256 | 114.1E6  | 39.970  | 42.537     |
| 18)                         | B Endrin al...  | 6.928 | 6.117 | 87754026 | 118.9E6  | 46.728  | 51.545     |
| 19)                         | B Endosulfa...  | 7.163 | 6.340 | 99207156 | 139.1E6  | 45.710  | 51.577     |
| 20)                         | A Methoxychlor  | 7.504 | 6.617 | 45835568 | 61350259 | 40.207  | 42.961     |
| 21)                         | B Endrin ke...  | 7.648 | 6.846 | 113.5E6  | 161.5E6  | 46.831  | 52.611     |
| 22)                         | Mirex           | 8.121 | 7.027 | 86751231 | 123.2E6  | 43.776  | 47.227     |
| 23)                         | Chlordane-1     | 0.000 | 3.770 | 0        | 22989    | N.D.    | 0.217 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.369 | 0        | 11372087 | N.D.    | 91.819 #   |
| 25)                         | Chlordane-3     | 5.944 | 4.983 | 126.5E6  | 175.2E6  | 324.114 | 483.195 #  |
| 26)                         | Chlordane-4     | 6.023 | 5.047 | 124.6E6  | 172.1E6  | 260.733 | 491.924 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.938 | 0        | 146.4E6  | N.D.    | 1154.147 # |
| -----                       |                 |       |       |          |          |         |            |

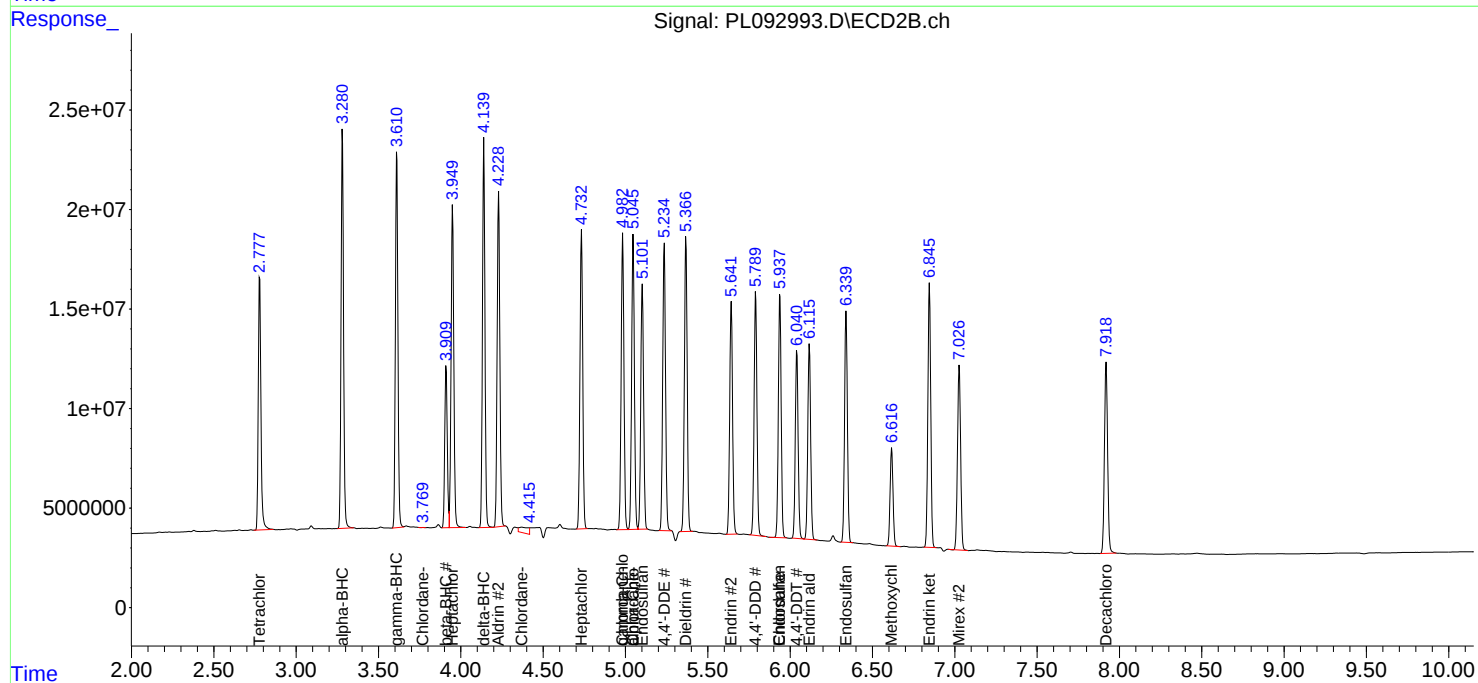
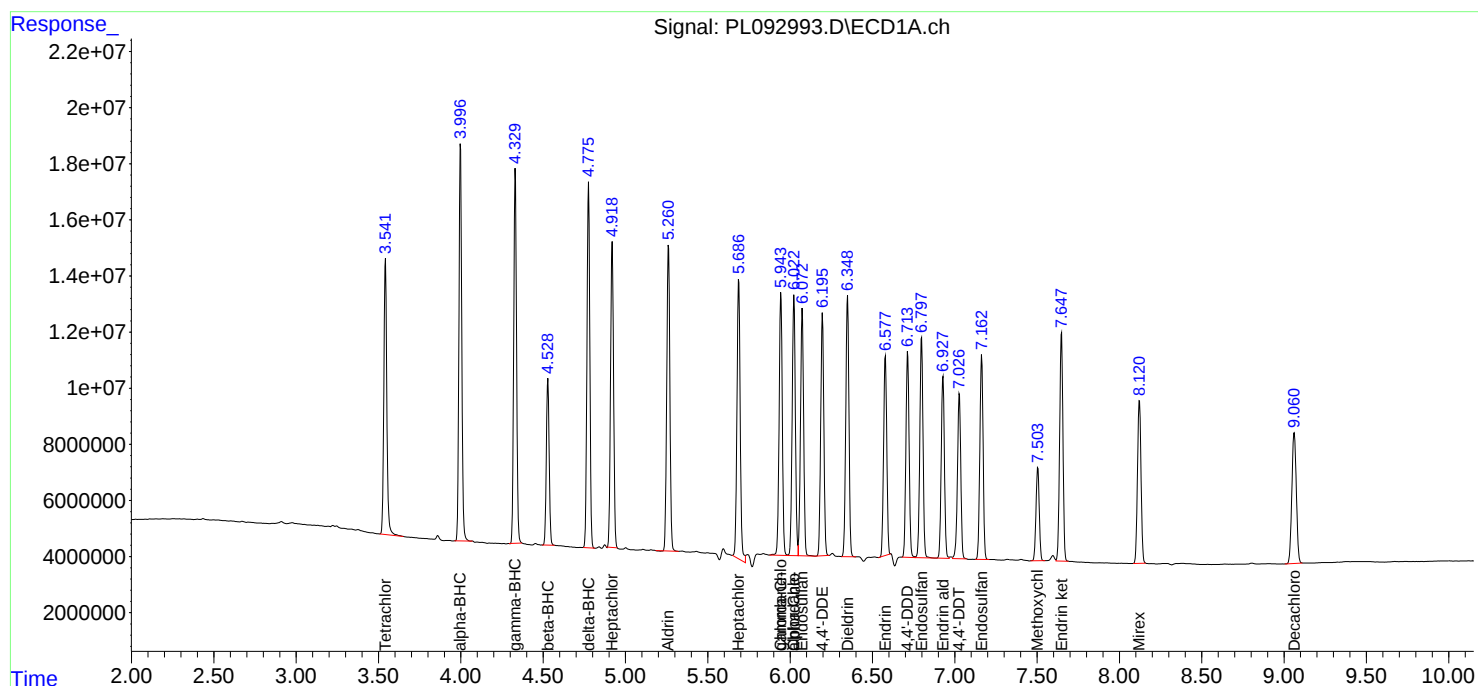
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

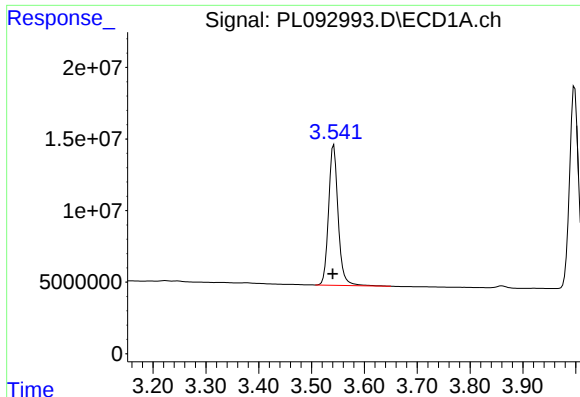
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111124\  
Data File : PL092993.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2024 01:06  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 12 01:09:45 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

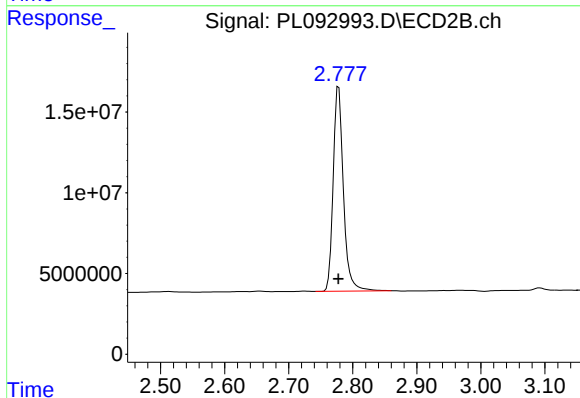




#1 Tetrachloro-m-xylene

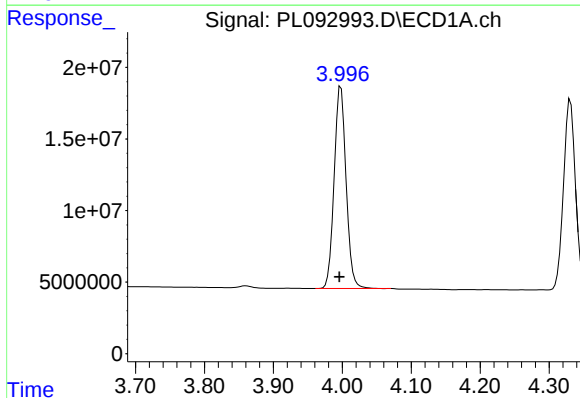
R.T.: 3.542 min  
Delta R.T.: 0.002 min  
Response: 123058592  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



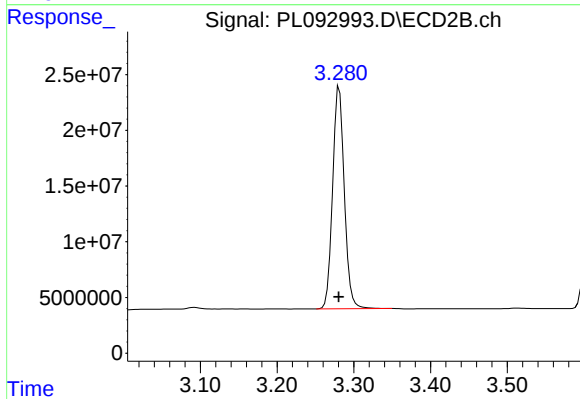
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 140743349  
Conc: 51.72 ng/ml



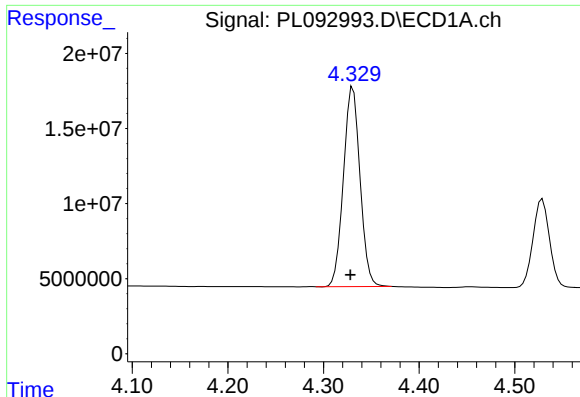
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.002 min  
Response: 169610194  
Conc: 50.01 ng/ml



#2 alpha-BHC

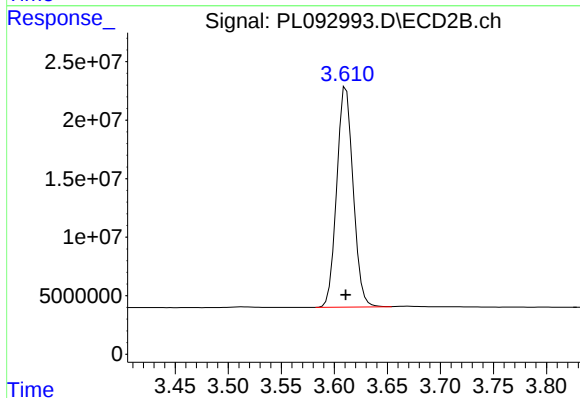
R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 211117098  
Conc: 52.91 ng/ml



#3 gamma-BHC (Lindane)

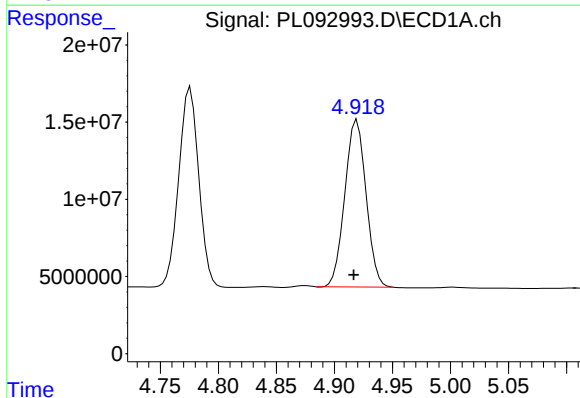
R.T.: 4.331 min  
Delta R.T.: 0.003 min  
Response: 160877768  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



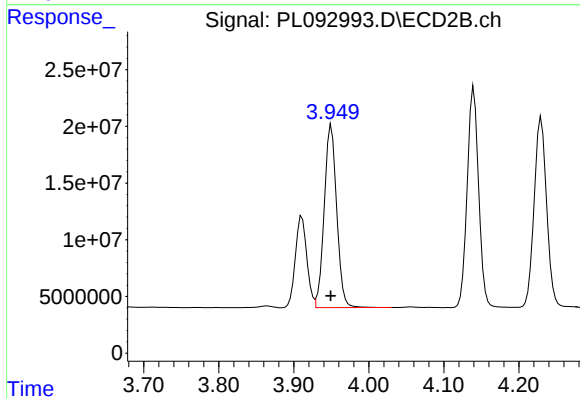
#3 gamma-BHC (Lindane)

R.T.: 3.611 min  
Delta R.T.: 0.000 min  
Response: 202533484  
Conc: 52.48 ng/ml



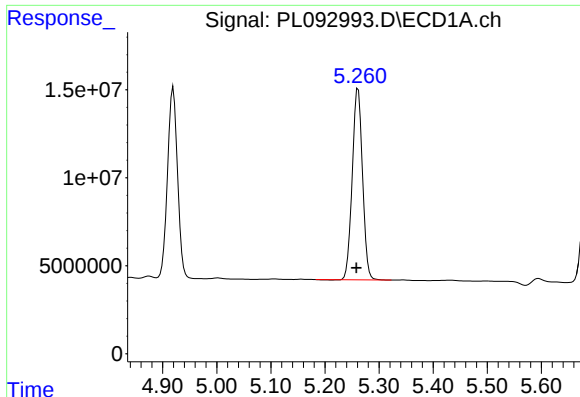
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: 0.003 min  
Response: 137652032  
Conc: 45.84 ng/ml



#4 Heptachlor

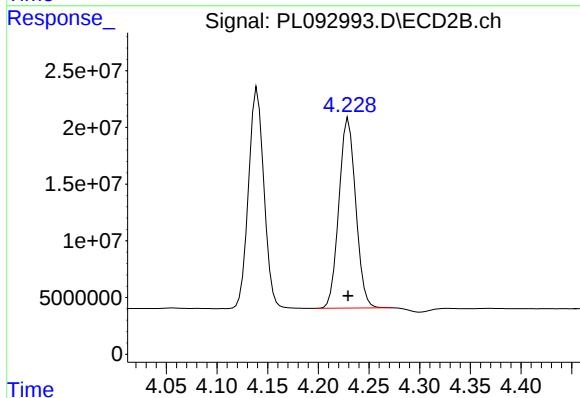
R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 185762179  
Conc: 49.22 ng/ml



#5 Aldrin

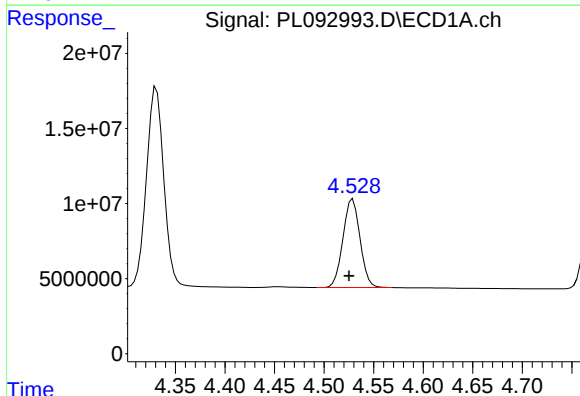
R.T.: 5.261 min  
Delta R.T.: 0.003 min  
Response: 143692040  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



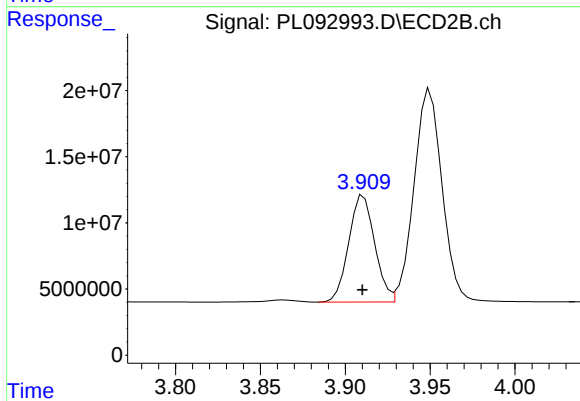
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.000 min  
Response: 192932470  
Conc: 52.71 ng/ml



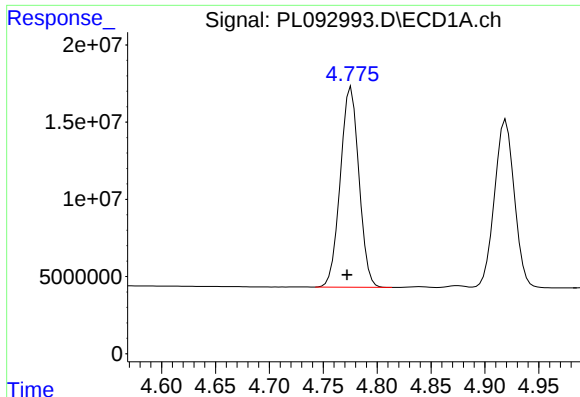
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.004 min  
Response: 70678897  
Conc: 48.90 ng/ml



#6 beta-BHC

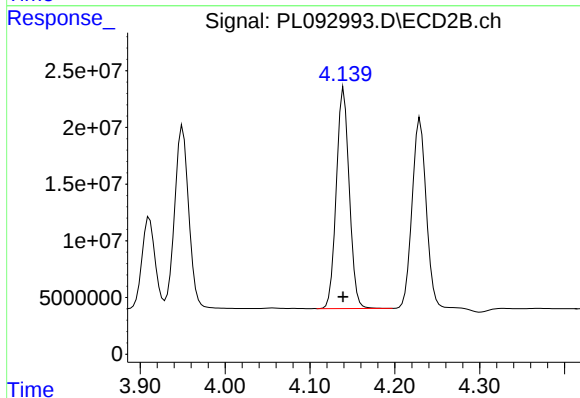
R.T.: 3.911 min  
Delta R.T.: 0.000 min  
Response: 85951393  
Conc: 52.21 ng/ml



#7 delta-BHC

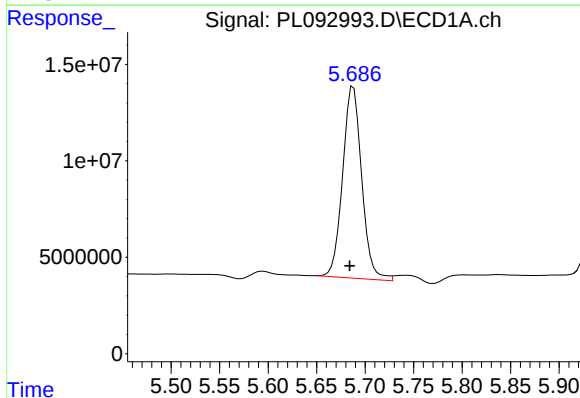
R.T.: 4.776 min  
Delta R.T.: 0.004 min  
Response: 155879838  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



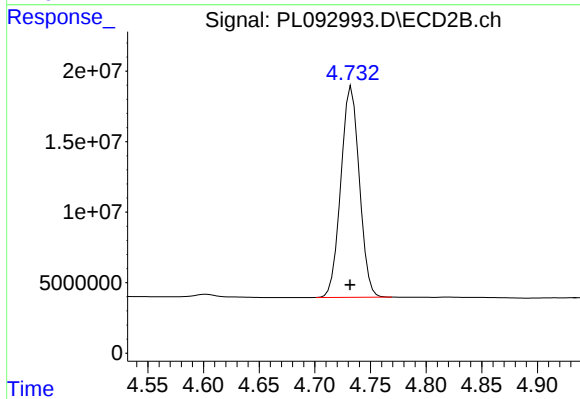
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 205823501  
Conc: 53.56 ng/ml



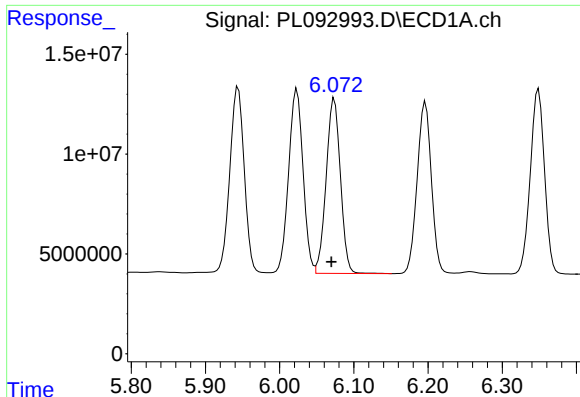
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.004 min  
Response: 135816285  
Conc: 49.18 ng/ml



#8 Heptachlor epoxide

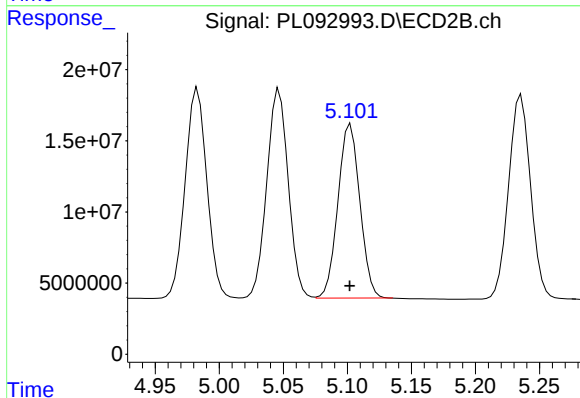
R.T.: 4.733 min  
Delta R.T.: 0.001 min  
Response: 173055850  
Conc: 51.79 ng/ml



#9 Endosulfan I

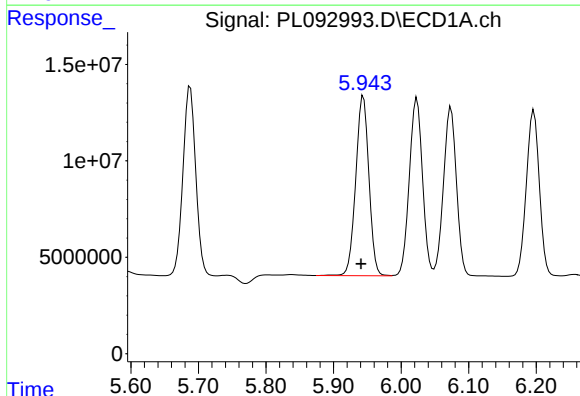
R.T.: 6.074 min  
Delta R.T.: 0.004 min  
Response: 117033216  
Conc: 46.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



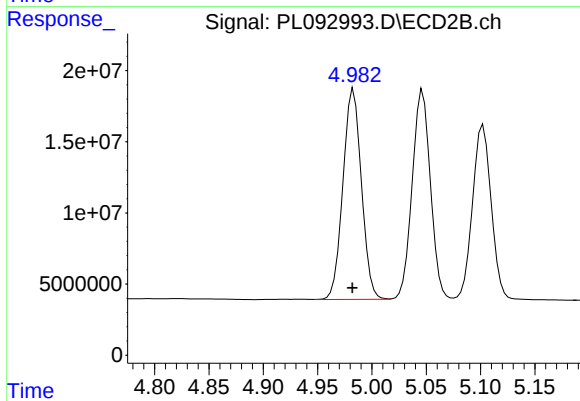
#9 Endosulfan I

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 145617065  
Conc: 47.69 ng/ml



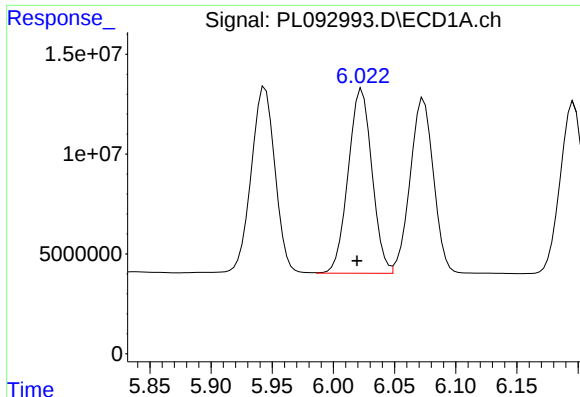
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.003 min  
Response: 126506645  
Conc: 47.55 ng/ml



#10 gamma-Chlordane

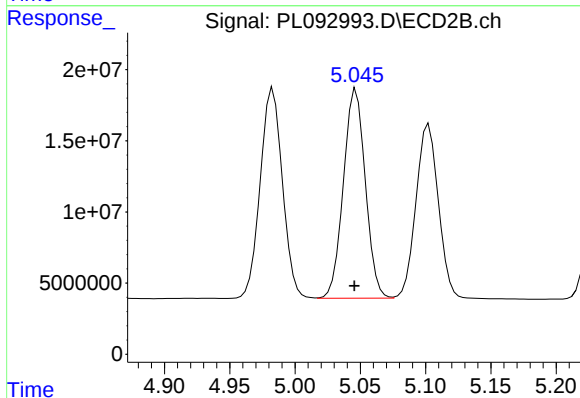
R.T.: 4.983 min  
Delta R.T.: 0.001 min  
Response: 175246541  
Conc: 52.13 ng/ml



#11 alpha-Chlordane

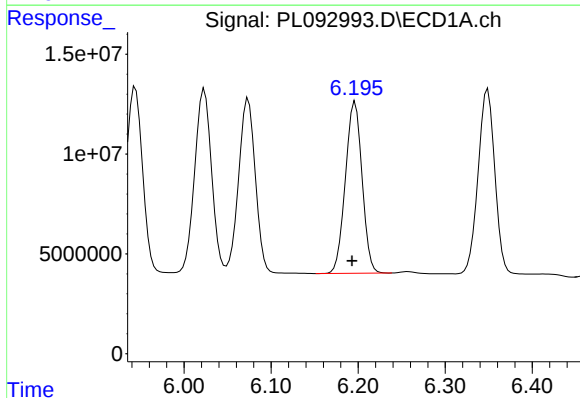
R.T.: 6.023 min  
Delta R.T.: 0.004 min  
Response: 124631999  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



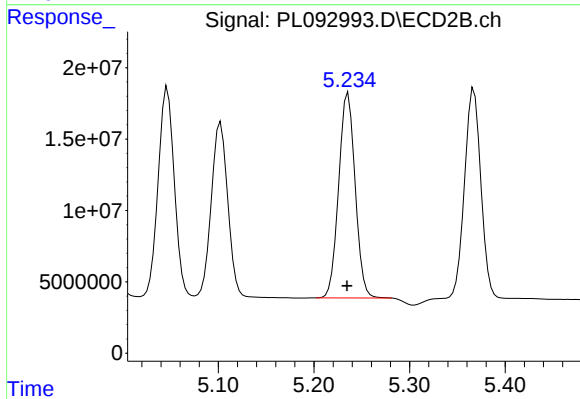
#11 alpha-Chlordane

R.T.: 5.047 min  
Delta R.T.: 0.001 min  
Response: 172081586  
Conc: 51.74 ng/ml



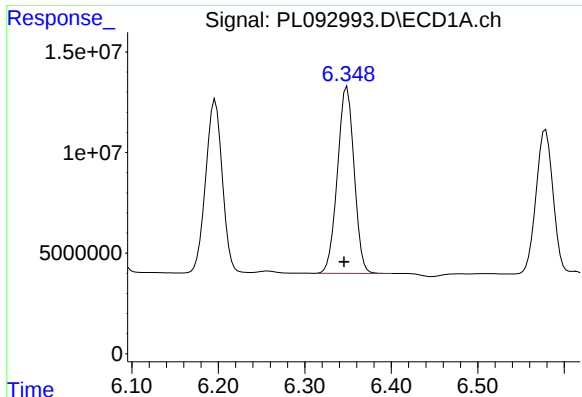
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.003 min  
Response: 114337805  
Conc: 48.26 ng/ml



#12 4,4'-DDE

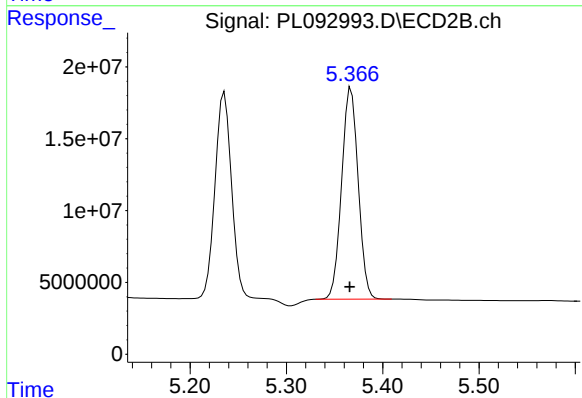
R.T.: 5.236 min  
Delta R.T.: 0.001 min  
Response: 172287560  
Conc: 53.48 ng/ml



#13 Dieldrin

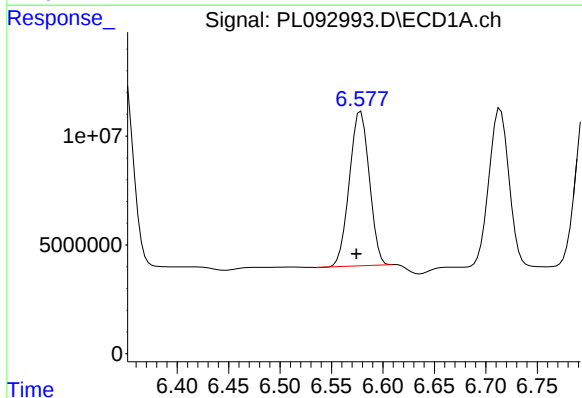
R.T.: 6.349 min  
Delta R.T.: 0.004 min  
Response: 123402239  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



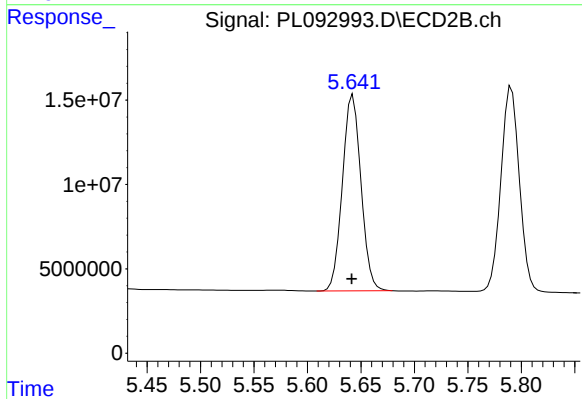
#13 Dieldrin

R.T.: 5.367 min  
Delta R.T.: 0.001 min  
Response: 175347659  
Conc: 52.49 ng/ml



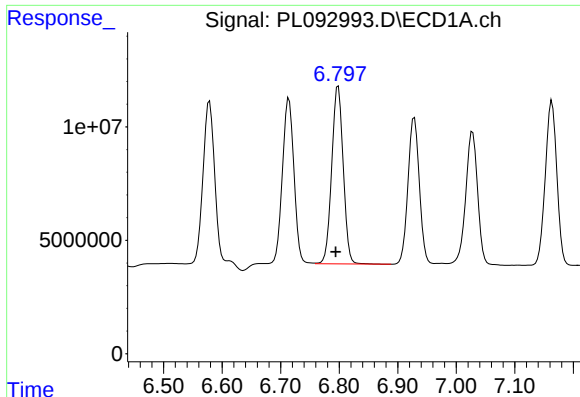
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.004 min  
Response: 95665938  
Conc: 42.02 ng/ml



#14 Endrin

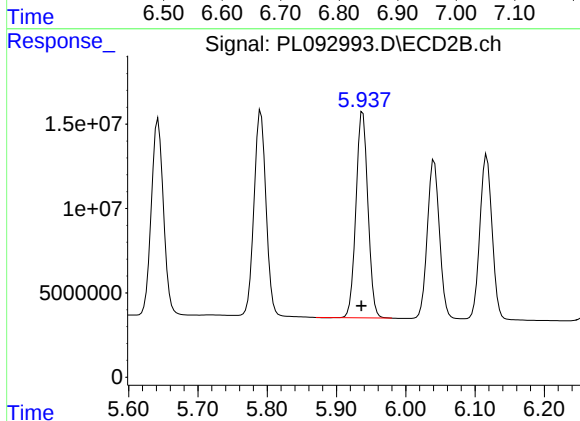
R.T.: 5.643 min  
Delta R.T.: 0.001 min  
Response: 140666294  
Conc: 48.62 ng/ml



#15 Endosulfan II

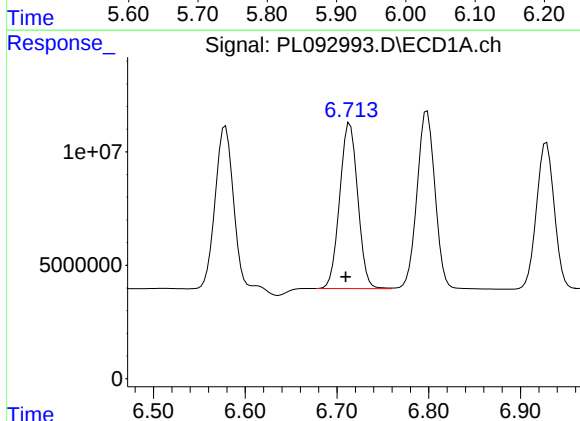
R.T.: 6.798 min  
Delta R.T.: 0.004 min  
Response: 107119045  
Conc: 44.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



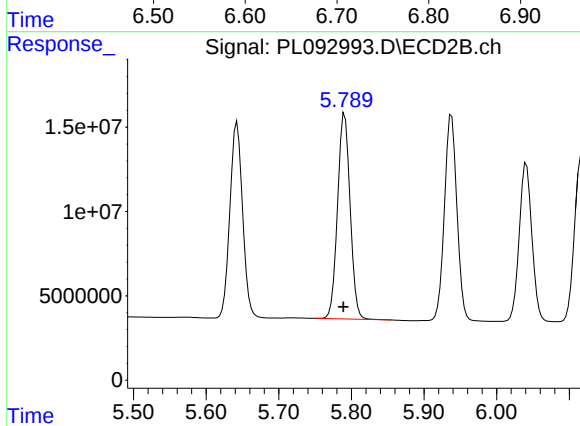
#15 Endosulfan II

R.T.: 5.938 min  
Delta R.T.: 0.002 min  
Response: 146355113  
Conc: 51.66 ng/ml



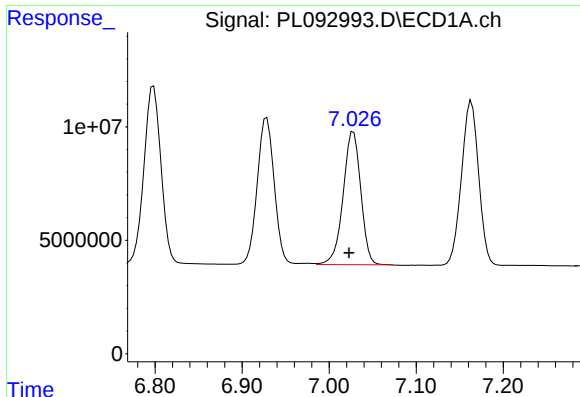
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.005 min  
Response: 99850229  
Conc: 52.02 ng/ml



#16 4,4'-DDD

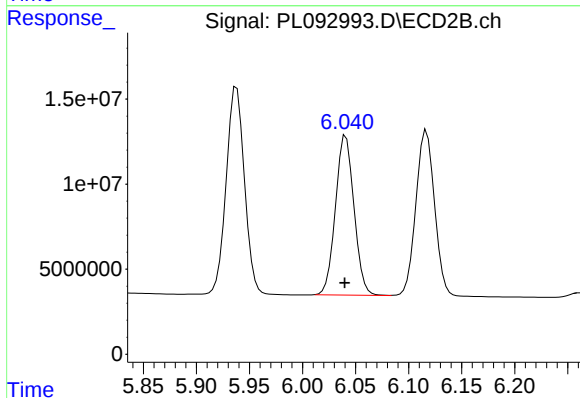
R.T.: 5.791 min  
Delta R.T.: 0.002 min  
Response: 146284428  
Conc: 58.75 ng/ml



#17 4,4'-DDT

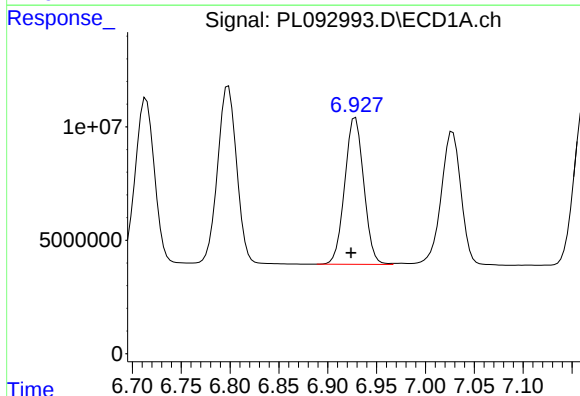
R.T.: 7.028 min  
Delta R.T.: 0.005 min  
Response: 82728256  
Conc: 39.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



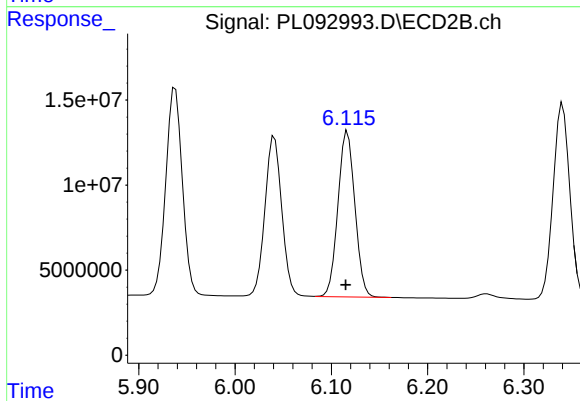
#17 4,4'-DDT

R.T.: 6.041 min  
Delta R.T.: 0.001 min  
Response: 114095291  
Conc: 42.54 ng/ml



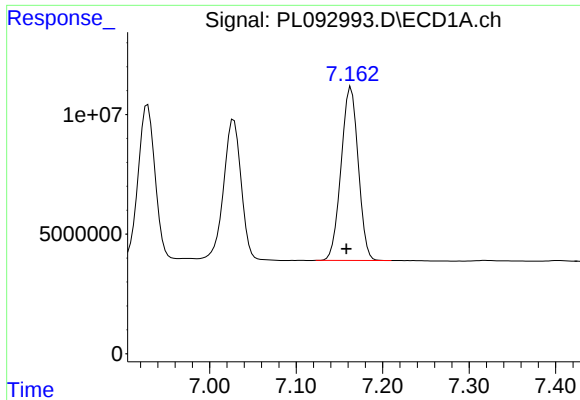
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: 0.004 min  
Response: 87754026  
Conc: 46.73 ng/ml



#18 Endrin aldehyde

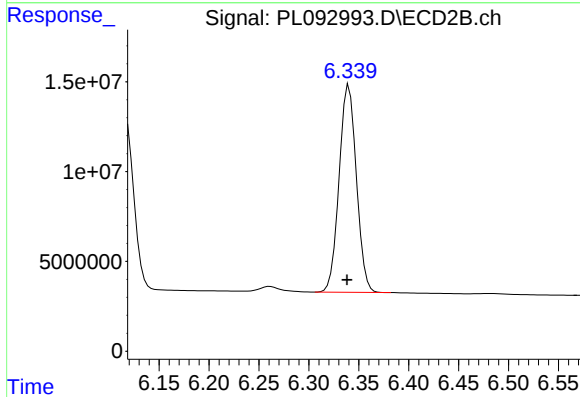
R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 118929885  
Conc: 51.55 ng/ml



#19 Endosulfan Sulfate

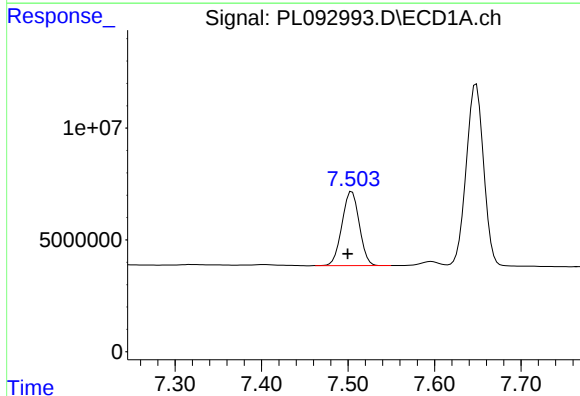
R.T.: 7.163 min  
Delta R.T.: 0.005 min  
Response: 99207156  
Conc: 45.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



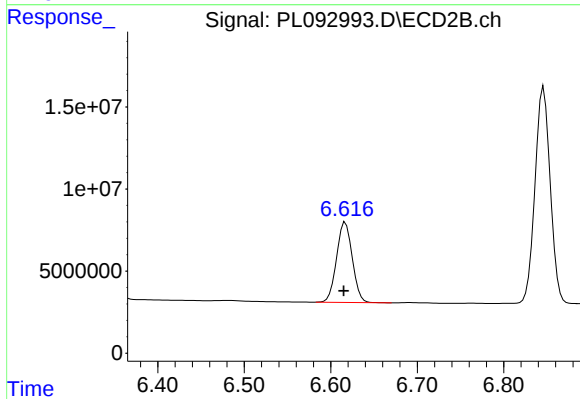
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 139096711  
Conc: 51.58 ng/ml



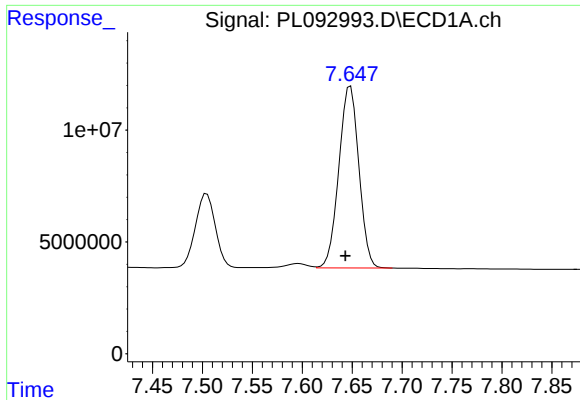
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: 0.005 min  
Response: 45835568  
Conc: 40.21 ng/ml



#20 Methoxychlor

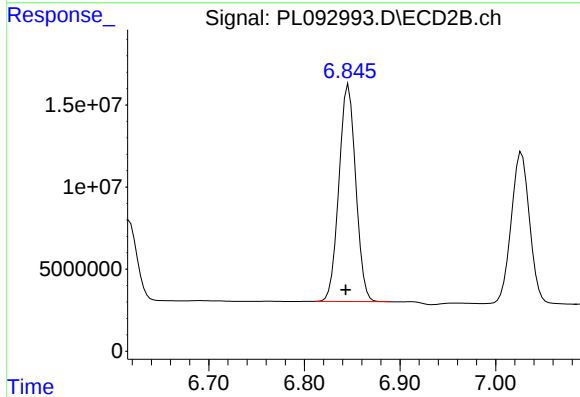
R.T.: 6.617 min  
Delta R.T.: 0.002 min  
Response: 61350259  
Conc: 42.96 ng/ml



#21 Endrin ketone

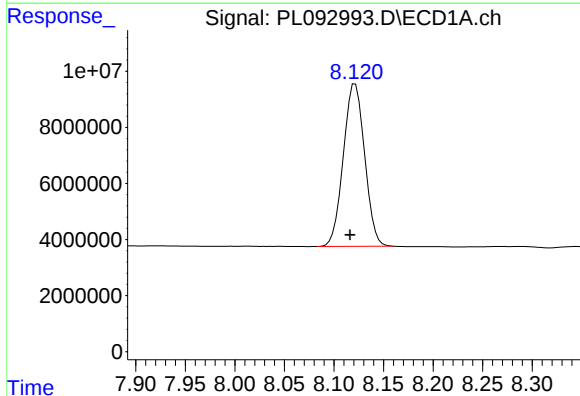
R.T.: 7.648 min  
Delta R.T.: 0.005 min  
Response: 113461693  
Conc: 46.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



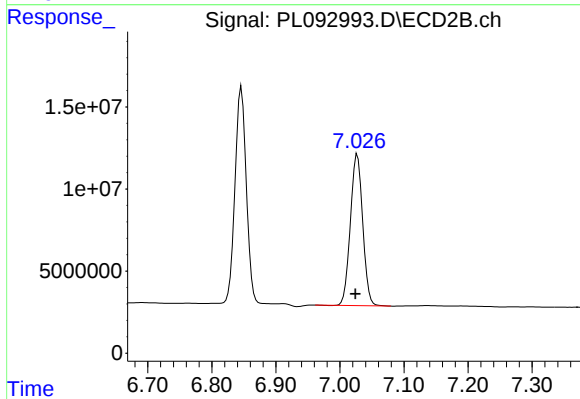
#21 Endrin ketone

R.T.: 6.846 min  
Delta R.T.: 0.003 min  
Response: 161452146  
Conc: 52.61 ng/ml



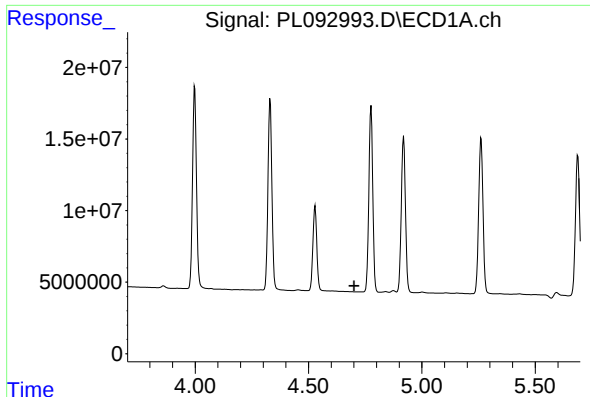
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.005 min  
Response: 86751231  
Conc: 43.78 ng/ml



#22 Mirex

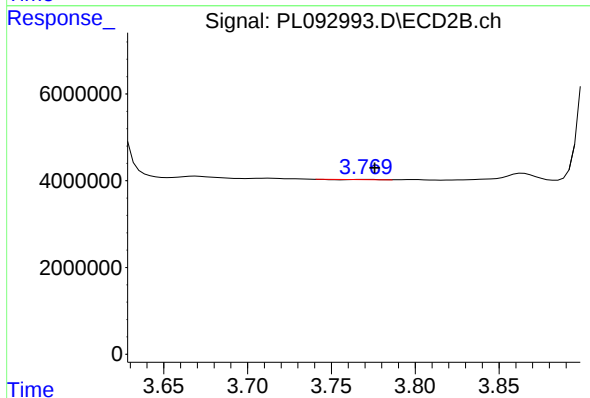
R.T.: 7.027 min  
Delta R.T.: 0.003 min  
Response: 123219983  
Conc: 47.23 ng/ml



#23 Chlordane-1

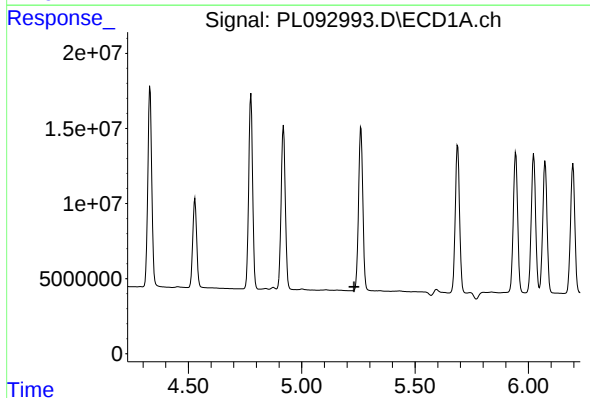
R.T.: 0.000 min  
Exp R.T. : 4.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



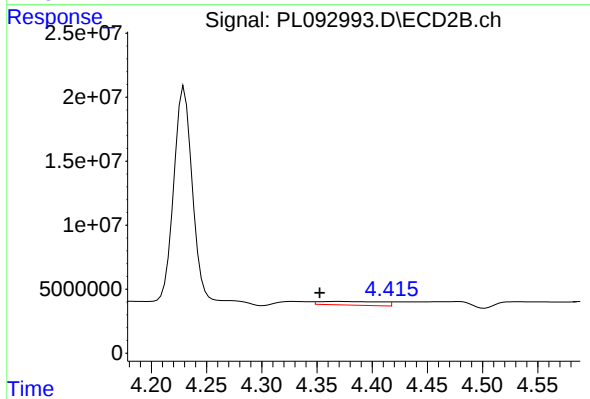
#23 Chlordane-1

R.T.: 3.770 min  
Delta R.T.: -0.005 min  
Response: 22989  
Conc: 0.22 ng/ml



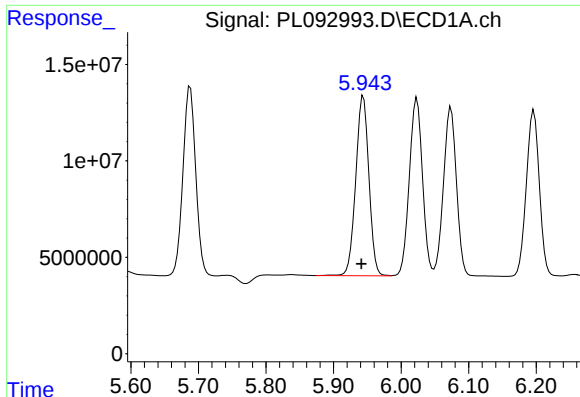
#24 Chlordane-2

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



#24 Chlordane-2

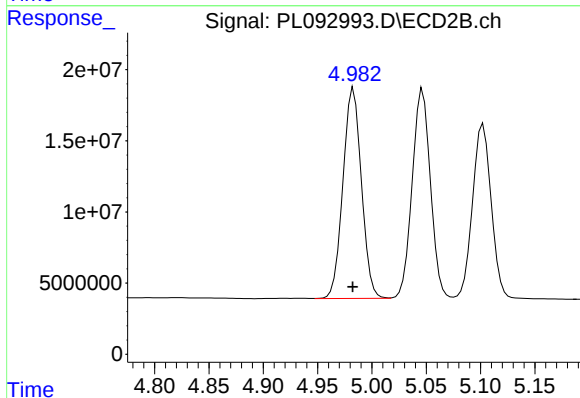
R.T.: 4.369 min  
Delta R.T.: 0.016 min  
Response: 11372087  
Conc: 91.82 ng/ml



#25 Chlordane-3

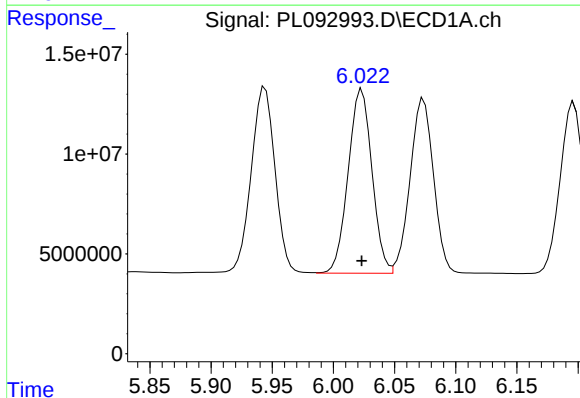
R.T.: 5.944 min  
Delta R.T.: 0.003 min  
Response: 126506645  
Conc: 324.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



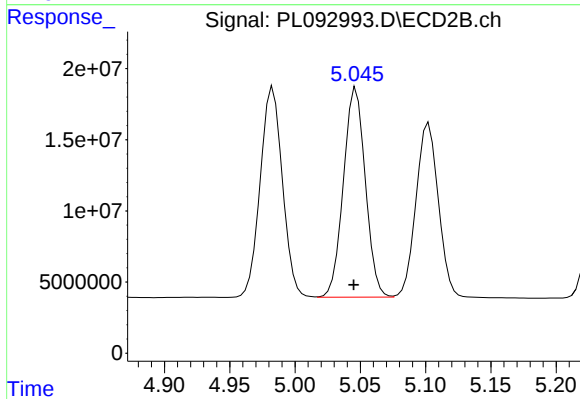
#25 Chlordane-3

R.T.: 4.983 min  
Delta R.T.: 0.000 min  
Response: 175246541  
Conc: 483.19 ng/ml



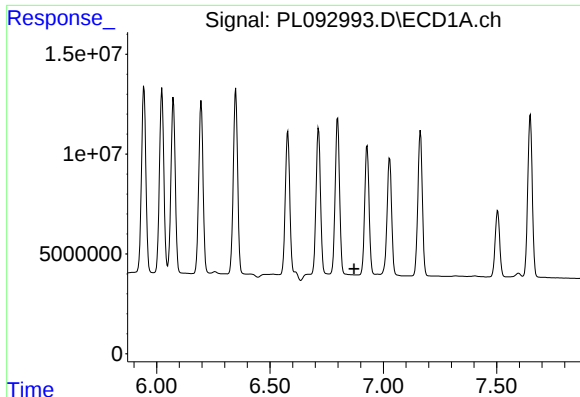
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: 0.000 min  
Response: 124631999  
Conc: 260.73 ng/ml



#26 Chlordane-4

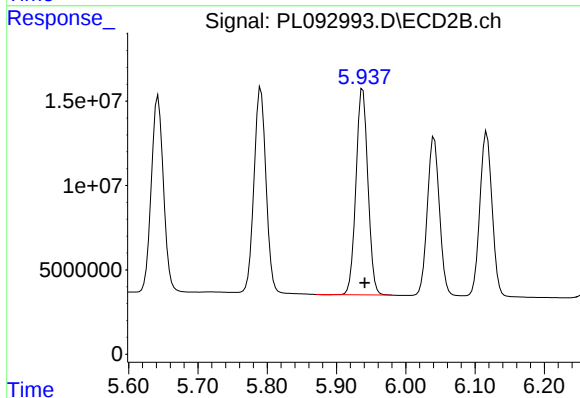
R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 172081586  
Conc: 491.92 ng/ml



#27 Chlordane-5

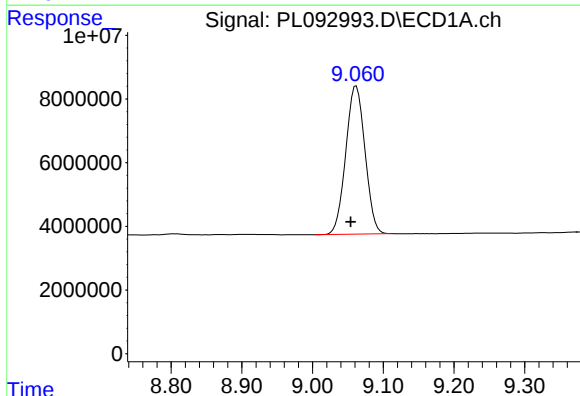
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



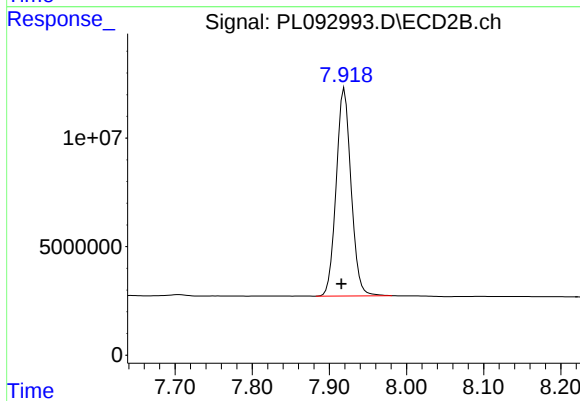
#27 Chlordane-5

R.T.: 5.938 min  
Delta R.T.: -0.003 min  
Response: 146355113  
Conc: 1154.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min  
Delta R.T.: 0.008 min  
Response: 88021258  
Conc: 45.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.920 min  
Delta R.T.: 0.004 min  
Response: 128259713  
Conc: 46.99 ng/ml