

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
 Data File : PL092068.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2024 12:57  
 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: Sep 26 14:29:02 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 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... | 3.541  | 2.780 | 100.9E6  | 140.5E6  | 45.366   | 56.005     |
| 28)                         | SA Decachlor... | 9.059  | 7.921 | 71761851 | 121.8E6  | 43.804   | 48.692     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.997  | 3.283 | 153.9E6  | 206.0E6  | 49.692   | 56.541     |
| 3)                          | MA gamma-BHC... | 4.329  | 3.613 | 188.7E6  | 195.3E6  | 60.907   | 55.316     |
| 4)                          | MA Heptachlor   | 4.918  | 3.952 | 134.1E6  | 189.2E6  | 48.507   | 54.820     |
| 5)                          | MB Aldrin       | 5.260  | 4.232 | 130.1E6  | 200.6E6  | 46.851   | 58.990 #   |
| 6)                          | B beta-BHC      | 4.526  | 3.912 | 59730834 | 79705569 | 45.033   | 53.028     |
| 7)                          | B delta-BHC     | 4.774  | 4.141 | 143.7E6  | 201.1E6  | 49.836   | 57.931     |
| 8)                          | B Heptachlo...  | 5.686  | 4.735 | 134.3E6  | 161.1E6  | 52.752   | 53.280     |
| 9)                          | A Endosulfan I  | 6.072  | 5.105 | 110.7E6  | 137.4E6  | 47.847   | 50.072     |
| 10)                         | B gamma-Chl...  | 5.942  | 4.985 | 127.4E6  | 161.4E6  | 51.573   | 53.637     |
| 11)                         | B alpha-Chl...  | 6.021  | 5.049 | 118.1E6  | 158.3E6  | 47.927   | 52.877     |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.238 | 101.6E6  | 164.6E6  | 46.940   | 59.218 #   |
| 13)                         | MA Dieldrin     | 6.347  | 5.369 | 111.4E6  | 158.7E6  | 45.679   | 54.137     |
| 14)                         | MA Endrin       | 6.577  | 5.645 | 92711720 | 141.4E6  | 44.990   | 53.921     |
| 15)                         | B Endosulfa...  | 6.797  | 5.939 | 103.9E6  | 128.9E6  | 47.230   | 51.506     |
| 16)                         | A 4,4'-DDD      | 6.712  | 5.793 | 83278328 | 120.2E6  | 46.376   | 56.276     |
| 17)                         | MA 4,4'-DDT     | 7.026  | 6.043 | 88804227 | 126.8E6  | 48.232   | 54.796     |
| 18)                         | B Endrin al...  | 6.926  | 6.119 | 78652982 | 106.3E6  | 45.131   | 52.101     |
| 19)                         | B Endosulfa...  | 7.161  | 6.341 | 87332624 | 125.5E6  | 44.057   | 52.007     |
| 20)                         | A Methoxychlor  | 7.502  | 6.619 | 45021593 | 66667738 | 45.860   | 53.319     |
| 21)                         | B Endrin ke...  | 7.646  | 6.847 | 99893609 | 139.6E6  | 45.457   | 50.430     |
| 22)                         | Mirex           | 8.119  | 7.029 | 74266712 | 114.7E6  | 41.237   | 47.161     |
| 24)                         | Chlordane-2     | 5.260f | 4.371 | 130.1E6  | 9141685  | 1213.395 | 81.458 #   |
| 25)                         | Chlordane-3     | 5.942  | 4.985 | 127.4E6  | 161.4E6  | 340.240  | 487.194 #  |
| 26)                         | Chlordane-4     | 6.021  | 5.049 | 118.1E6  | 158.3E6  | 260.706  | 498.890 #  |
| 27)                         | Chlordane-5     | 6.849f | 5.939 | 1715753  | 128.9E6  | 19.673   | 1188.465 # |
| -----                       |                 |        |       |          |          |          |            |

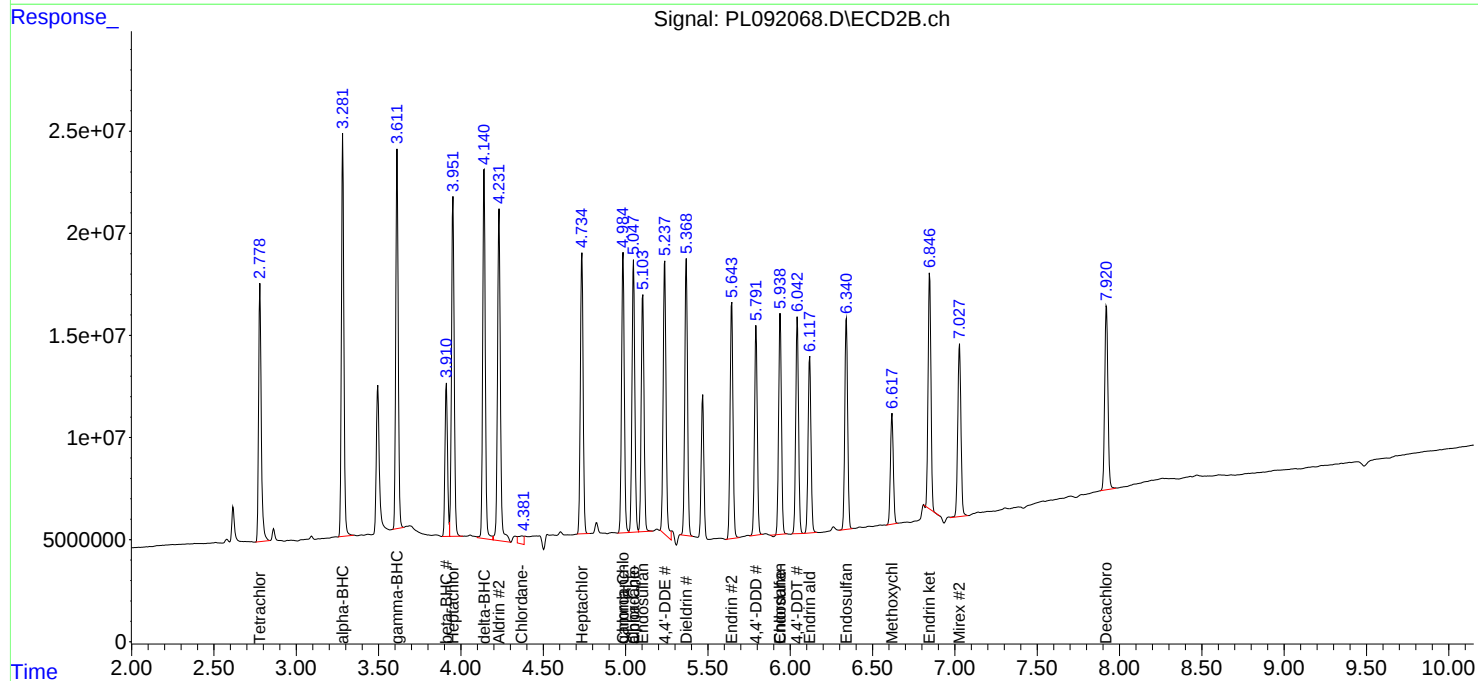
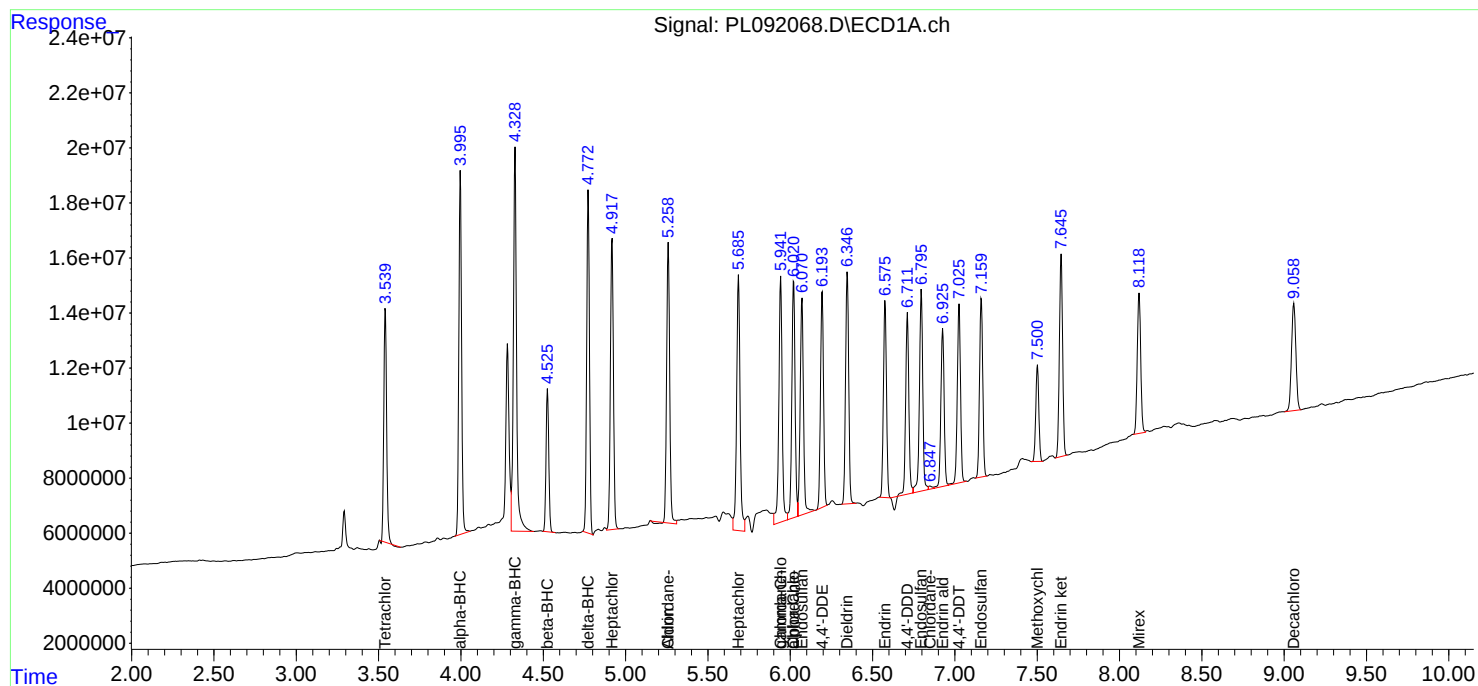
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

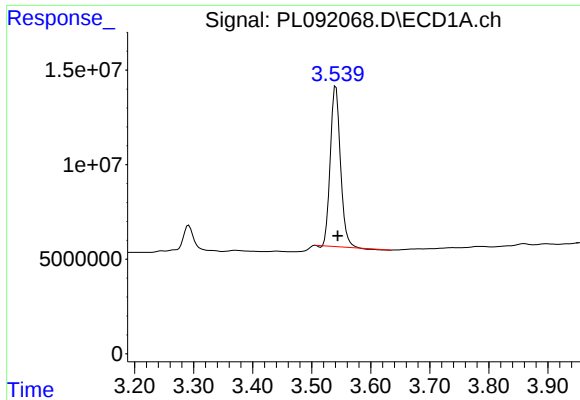
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
Data File : PL092068.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2024 12:57  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 14:29:02 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 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

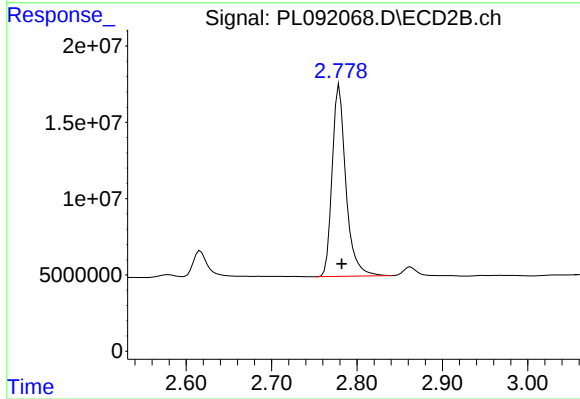




#1 Tetrachloro-m-xylene

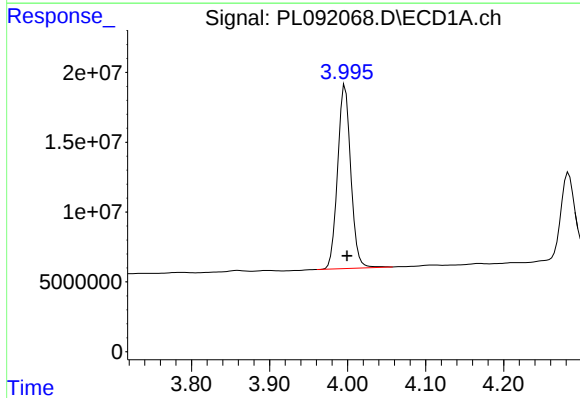
R.T.: 3.541 min  
Delta R.T.: -0.003 min  
Response: 100923092  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



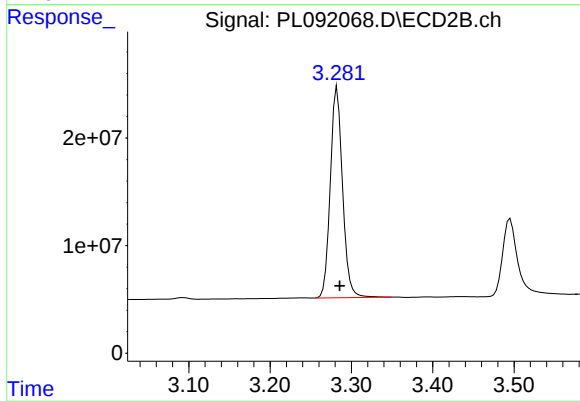
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: -0.003 min  
Response: 140464675  
Conc: 56.00 ng/ml



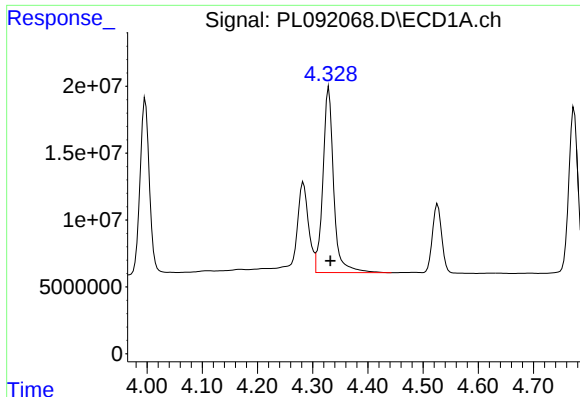
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: -0.002 min  
Response: 153872672  
Conc: 49.69 ng/ml



#2 alpha-BHC

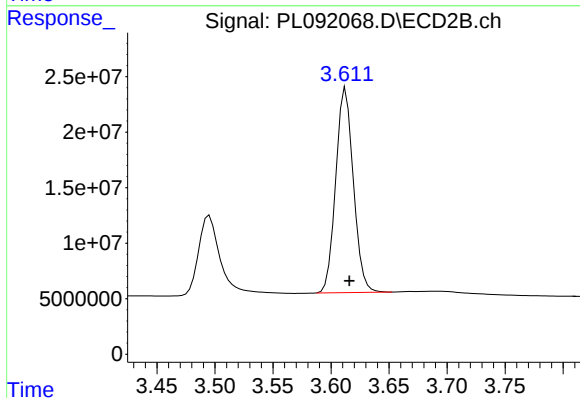
R.T.: 3.283 min  
Delta R.T.: -0.003 min  
Response: 205996794  
Conc: 56.54 ng/ml



#3 gamma-BHC (Lindane)

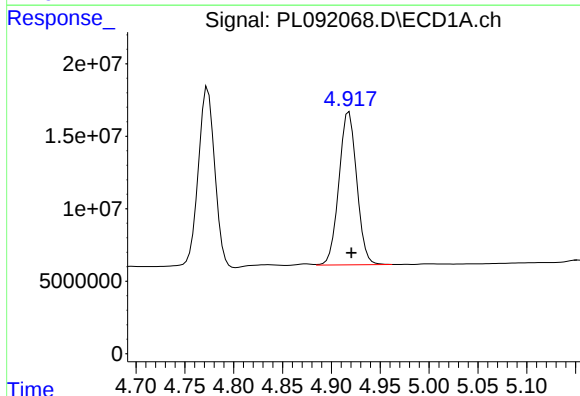
R.T.: 4.329 min  
Delta R.T.: -0.003 min  
Response: 188737697  
Conc: 60.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



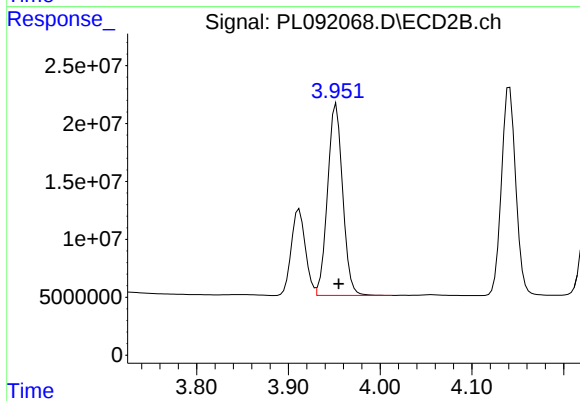
#3 gamma-BHC (Lindane)

R.T.: 3.613 min  
Delta R.T.: -0.003 min  
Response: 195320088  
Conc: 55.32 ng/ml



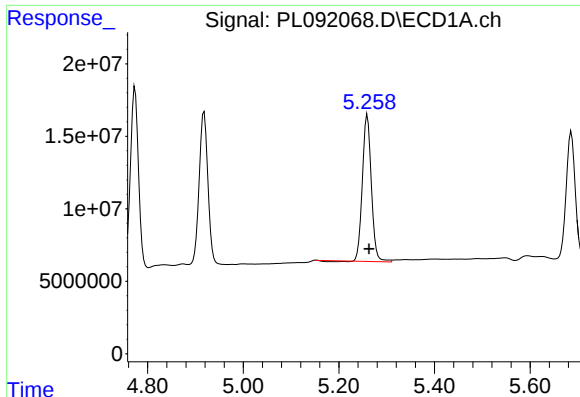
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.002 min  
Response: 134144101  
Conc: 48.51 ng/ml



#4 Heptachlor

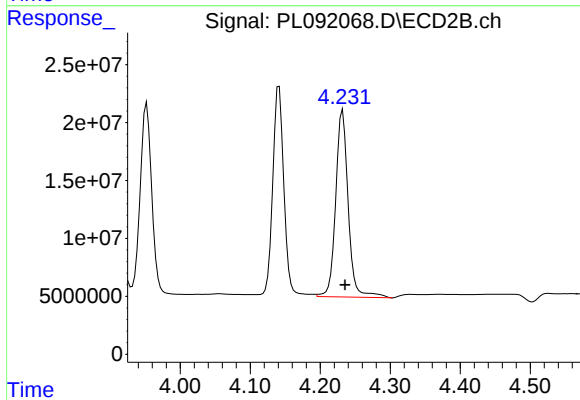
R.T.: 3.952 min  
Delta R.T.: -0.003 min  
Response: 189162364  
Conc: 54.82 ng/ml



#5 Aldrin

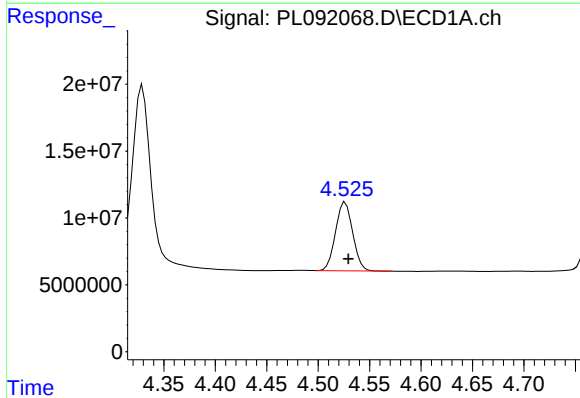
R.T.: 5.260 min  
Delta R.T.: -0.003 min  
Response: 130132469  
Conc: 46.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



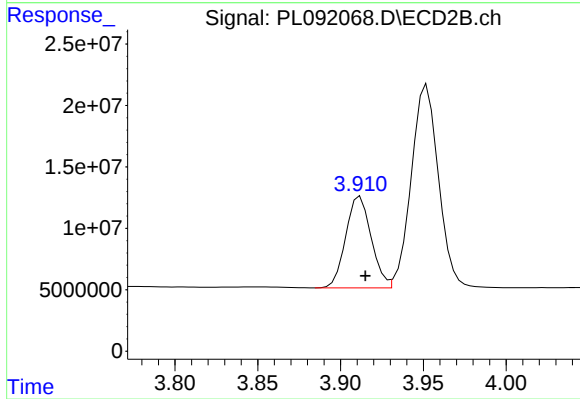
#5 Aldrin

R.T.: 4.232 min  
Delta R.T.: -0.003 min  
Response: 200631252  
Conc: 58.99 ng/ml



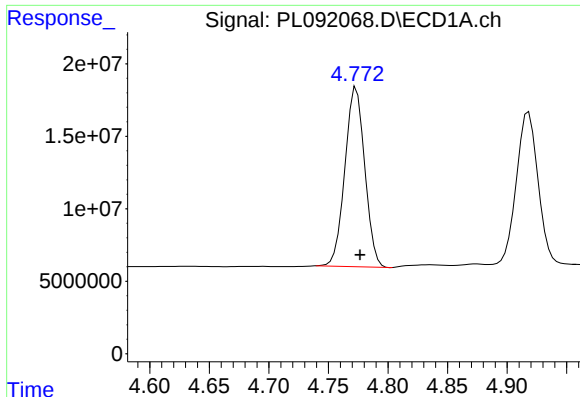
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.003 min  
Response: 59730834  
Conc: 45.03 ng/ml



#6 beta-BHC

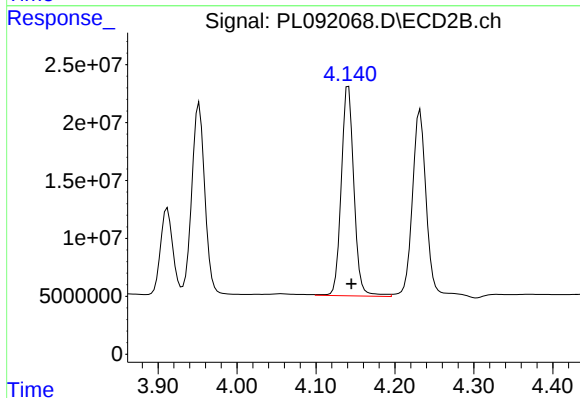
R.T.: 3.912 min  
Delta R.T.: -0.003 min  
Response: 79705569  
Conc: 53.03 ng/ml



#7 delta-BHC

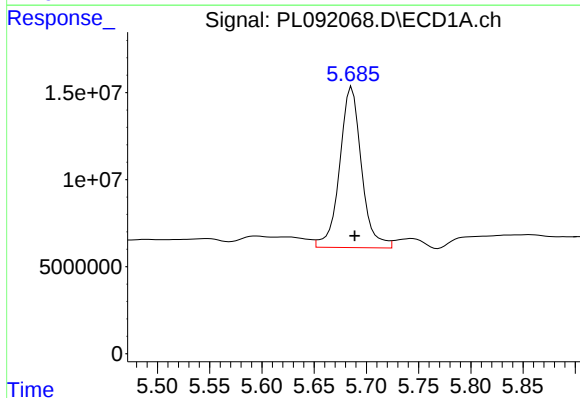
R.T.: 4.774 min  
Delta R.T.: -0.003 min  
Response: 143736063  
Conc: 49.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



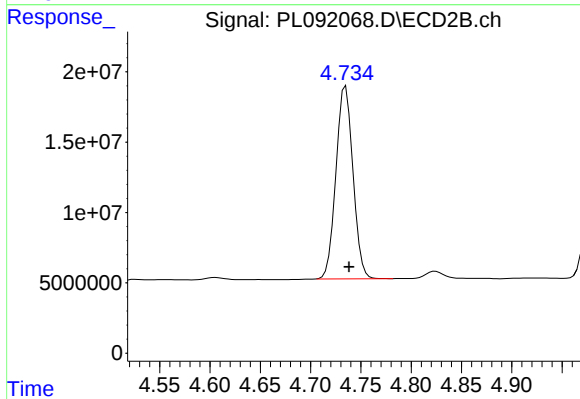
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: -0.004 min  
Response: 201119035  
Conc: 57.93 ng/ml



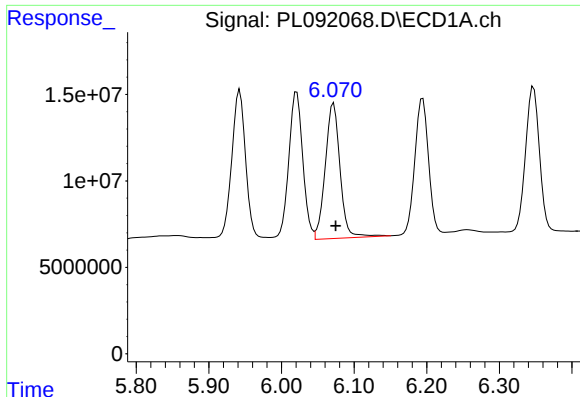
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.003 min  
Response: 134253054  
Conc: 52.75 ng/ml



#8 Heptachlor epoxide

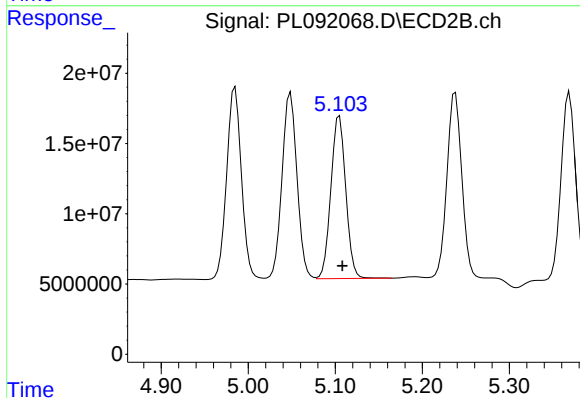
R.T.: 4.735 min  
Delta R.T.: -0.003 min  
Response: 161059574  
Conc: 53.28 ng/ml



#9 Endosulfan I

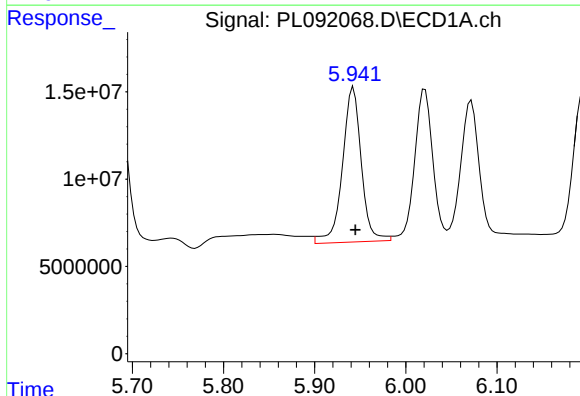
R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 110688689  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



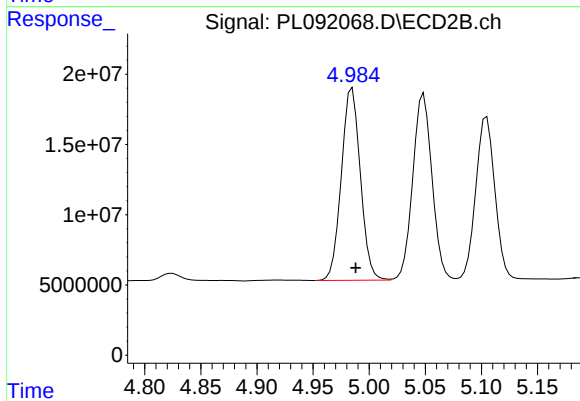
#9 Endosulfan I

R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 137430735  
Conc: 50.07 ng/ml



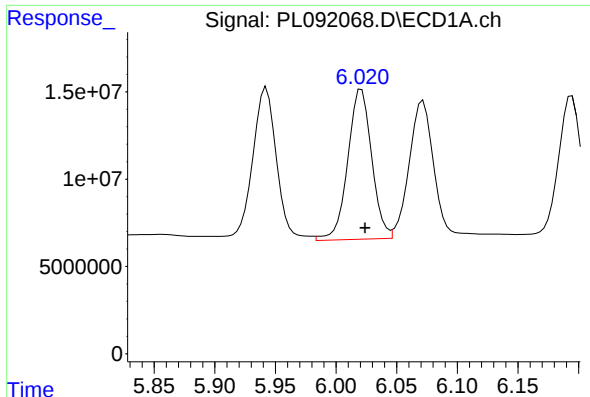
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 127446138  
Conc: 51.57 ng/ml



#10 gamma-Chlordane

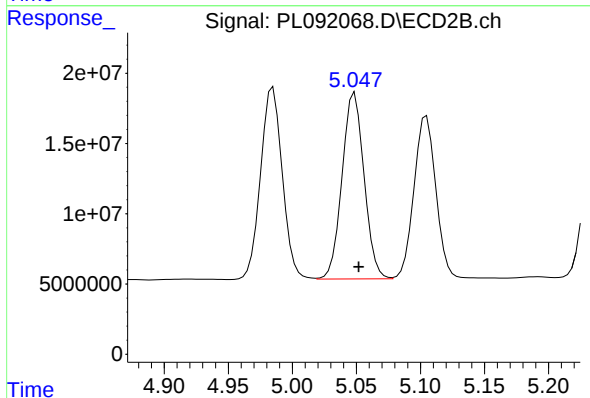
R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 161372474  
Conc: 53.64 ng/ml



#11 alpha-Chlordane

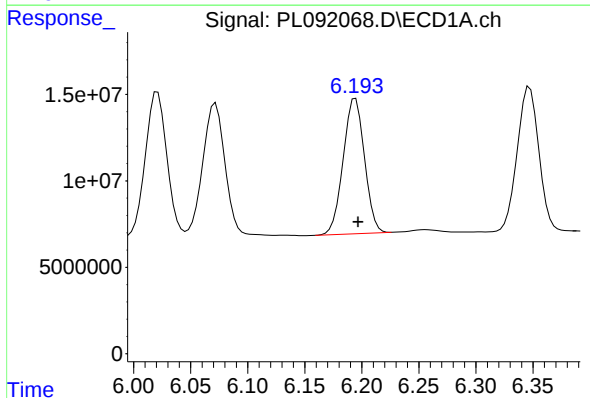
R.T.: 6.021 min  
Delta R.T.: -0.003 min  
Response: 118059675  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



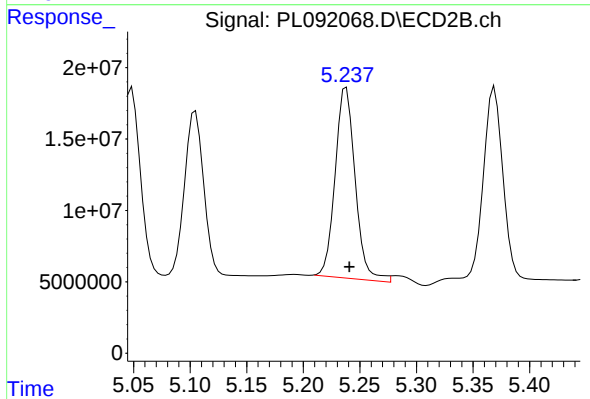
#11 alpha-Chlordane

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 158288669  
Conc: 52.88 ng/ml



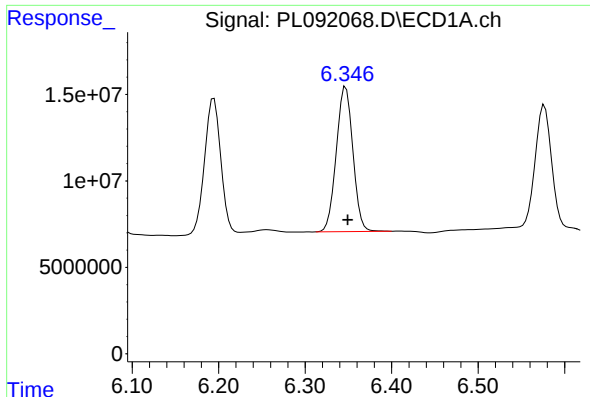
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 101598273  
Conc: 46.94 ng/ml



#12 4,4'-DDE

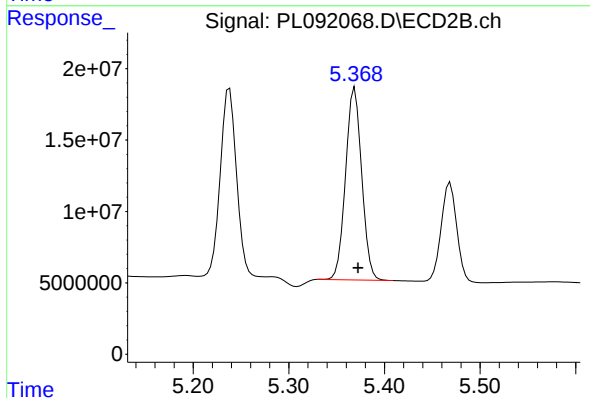
R.T.: 5.238 min  
Delta R.T.: -0.003 min  
Response: 164556202  
Conc: 59.22 ng/ml



#13 Dieldrin

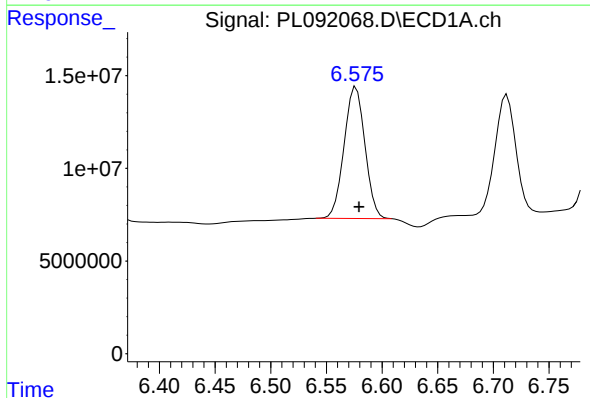
R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 111403595  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



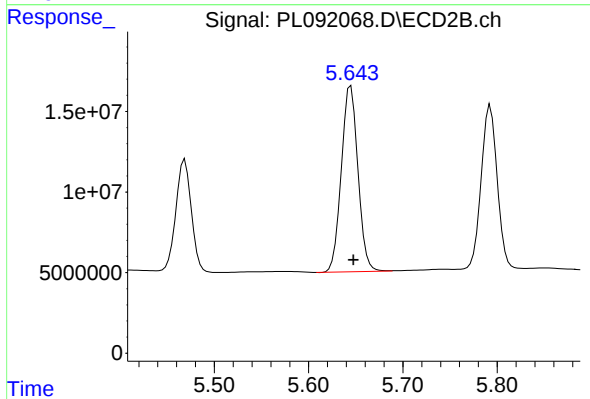
#13 Dieldrin

R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 158719970  
Conc: 54.14 ng/ml



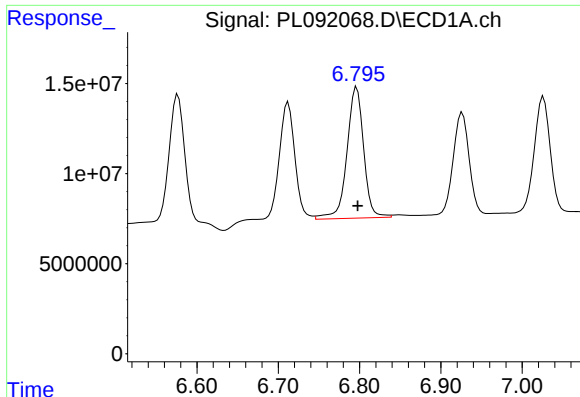
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.003 min  
Response: 92711720  
Conc: 44.99 ng/ml



#14 Endrin

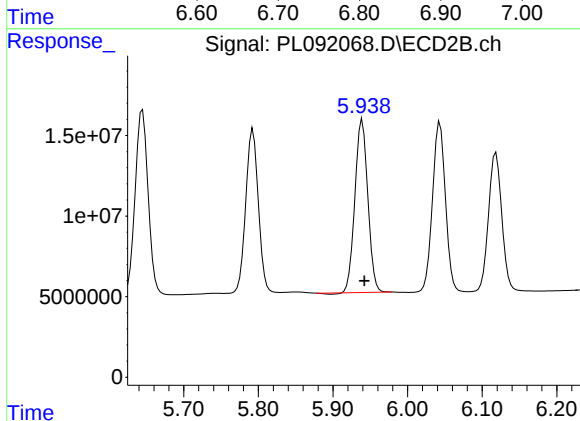
R.T.: 5.645 min  
Delta R.T.: -0.003 min  
Response: 141389655  
Conc: 53.92 ng/ml



#15 Endosulfan II

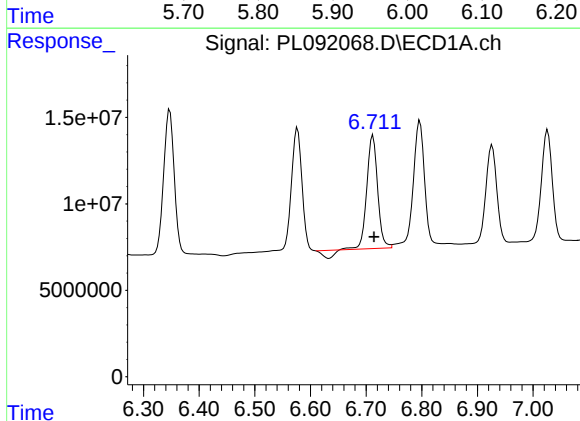
R.T.: 6.797 min  
Delta R.T.: -0.001 min  
Response: 103892063  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



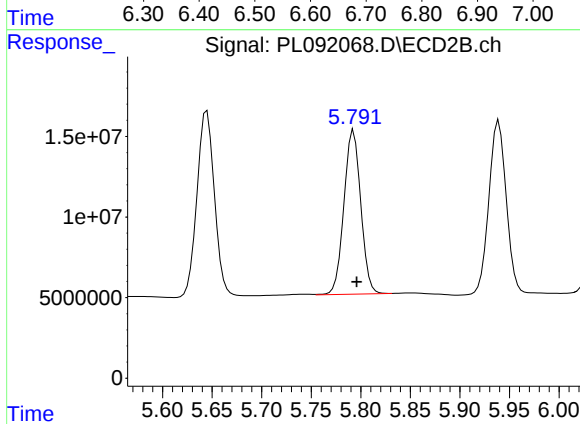
#15 Endosulfan II

R.T.: 5.939 min  
Delta R.T.: -0.003 min  
Response: 128888344  
Conc: 51.51 ng/ml



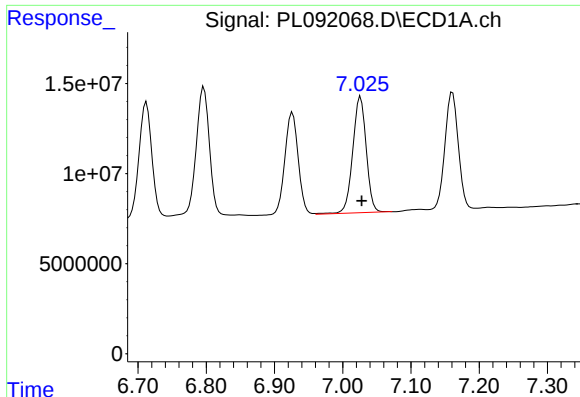
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 83278328  
Conc: 46.38 ng/ml



#16 4,4'-DDD

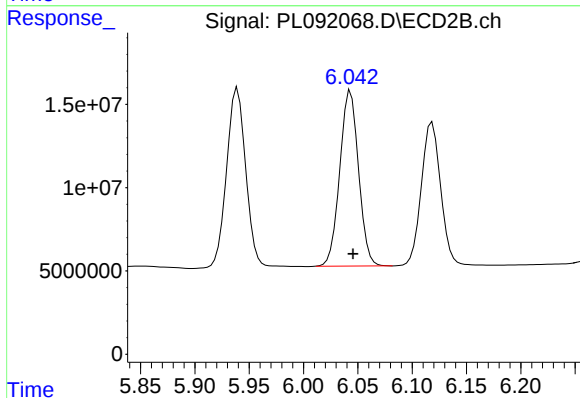
R.T.: 5.793 min  
Delta R.T.: -0.003 min  
Response: 120217405  
Conc: 56.28 ng/ml



#17 4,4'-DDT

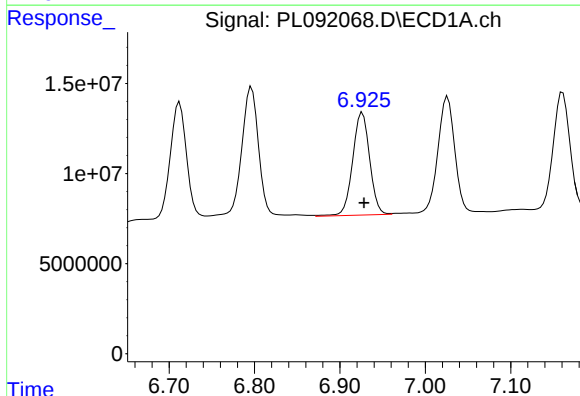
R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 88804227  
Conc: 48.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



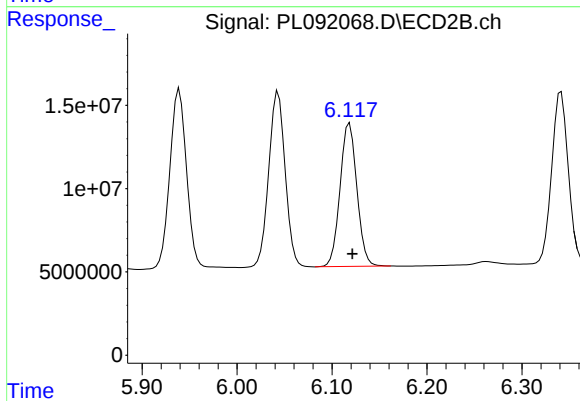
#17 4,4'-DDT

R.T.: 6.043 min  
Delta R.T.: -0.002 min  
Response: 126753228  
Conc: 54.80 ng/ml



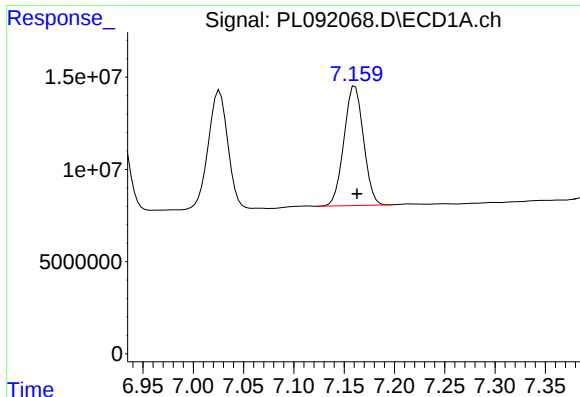
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 78652982  
Conc: 45.13 ng/ml



#18 Endrin aldehyde

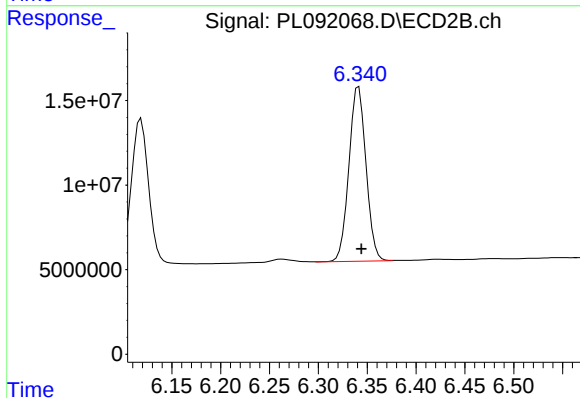
R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 106322662  
Conc: 52.10 ng/ml



#19 Endosulfan Sulfate

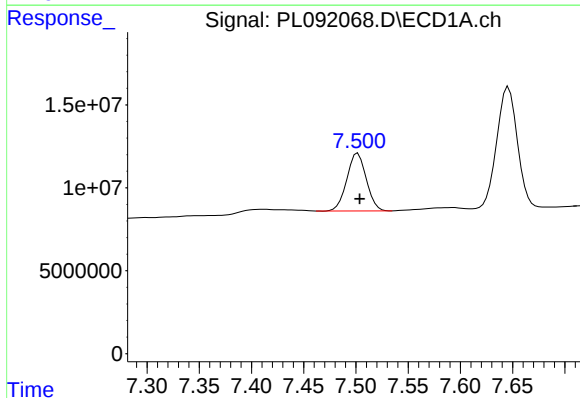
R.T.: 7.161 min  
Delta R.T.: -0.002 min  
Response: 87332624  
Conc: 44.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



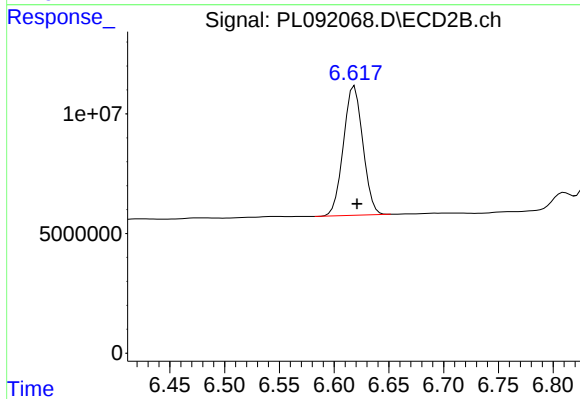
#19 Endosulfan Sulfate

R.T.: 6.341 min  
Delta R.T.: -0.003 min  
Response: 125467149  
Conc: 52.01 ng/ml



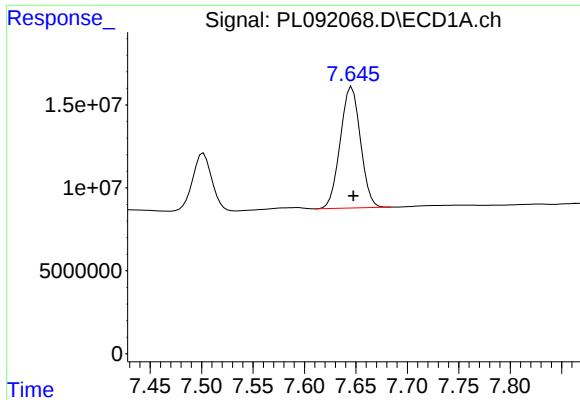
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 45021593  
Conc: 45.86 ng/ml



#20 Methoxychlor

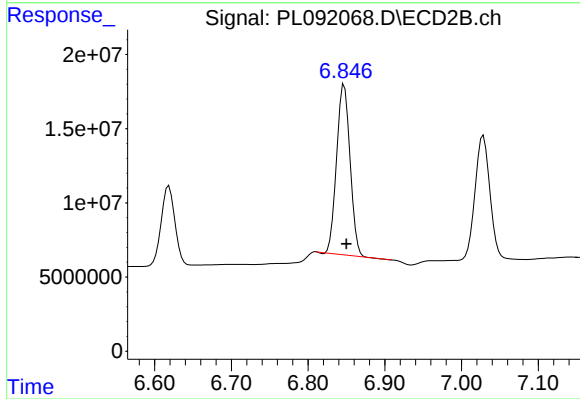
R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 66667738  
Conc: 53.32 ng/ml



#21 Endrin ketone

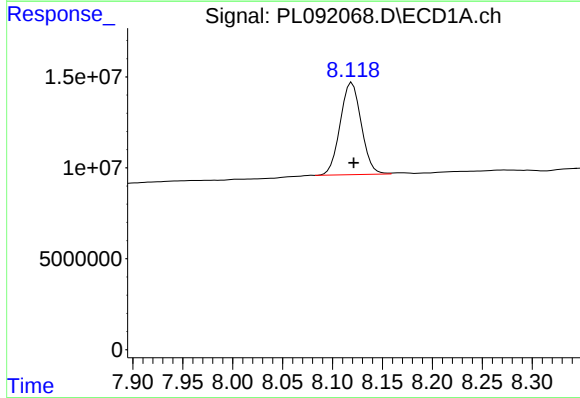
R.T.: 7.646 min  
Delta R.T.: -0.001 min  
Response: 99893609  
Conc: 45.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



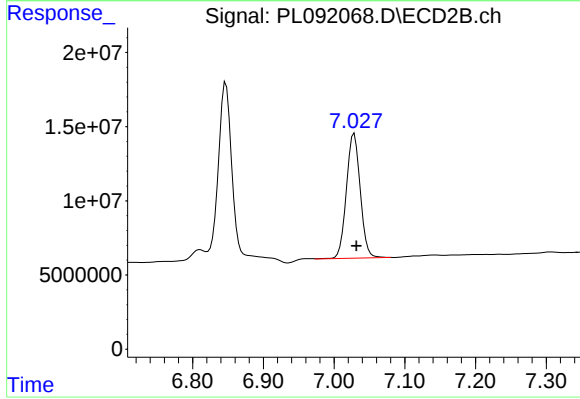
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 139636877  
Conc: 50.43 ng/ml



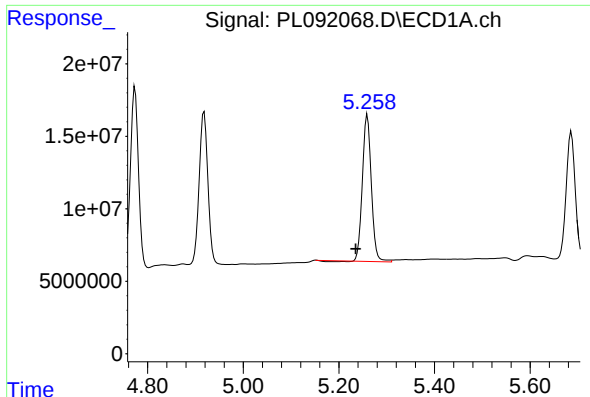
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: -0.002 min  
Response: 74266712  
Conc: 41.24 ng/ml



#22 Mirex

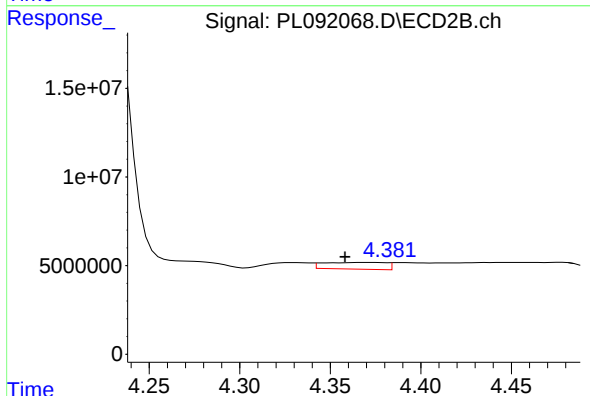
R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 114725888  
Conc: 47.16 ng/ml



#24 Chlordane-2

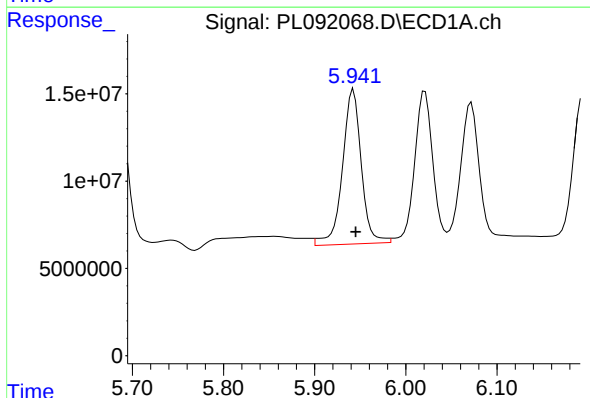
R.T.: 5.260 min  
Delta R.T.: 0.025 min  
Response: 130132469  
Conc: 1213.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



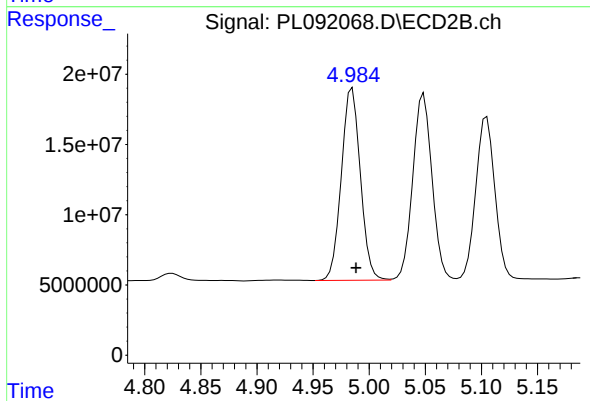
#24 Chlordane-2

R.T.: 4.371 min  
Delta R.T.: 0.013 min  
Response: 9141685  
Conc: 81.46 ng/ml



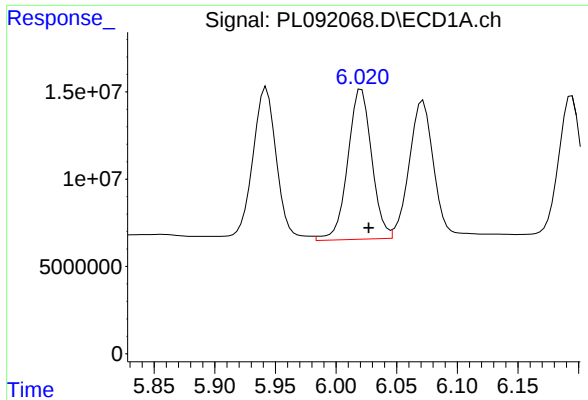
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 127446138  
Conc: 340.24 ng/ml



#25 Chlordane-3

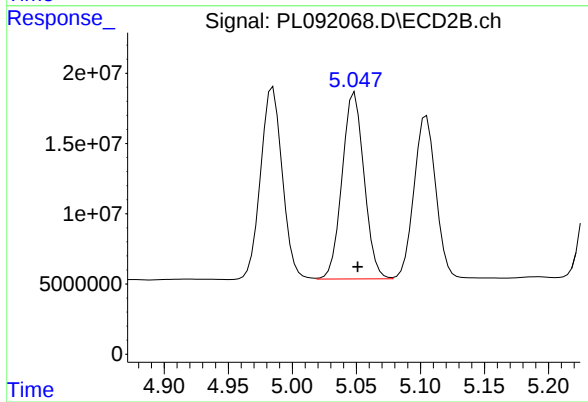
R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 161372474  
Conc: 487.19 ng/ml



#26 Chlordane-4

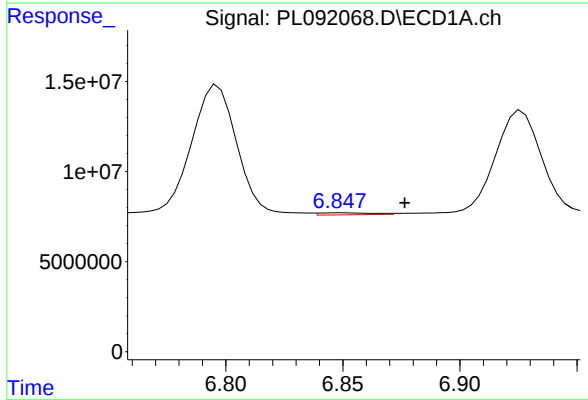
R.T.: 6.021 min  
Delta R.T.: -0.006 min  
Response: 118059675  
Conc: 260.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



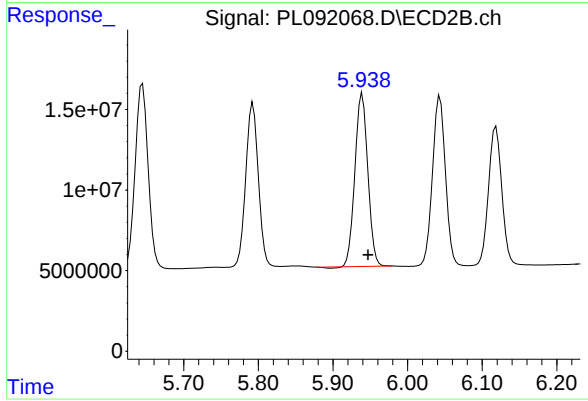
#26 Chlordane-4

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 158288669  
Conc: 498.89 ng/ml



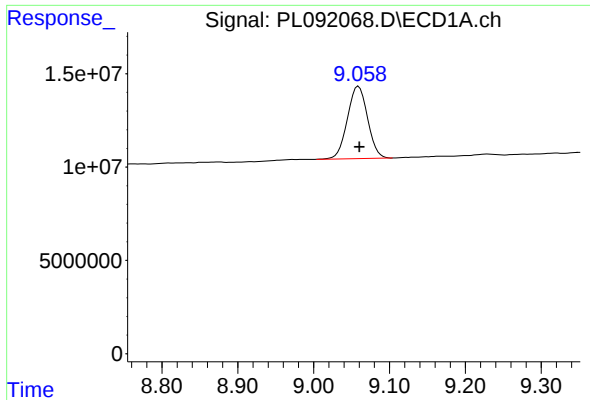
#27 Chlordane-5

R.T.: 6.849 min  
Delta R.T.: -0.028 min  
Response: 1715753  
Conc: 19.67 ng/ml



#27 Chlordane-5

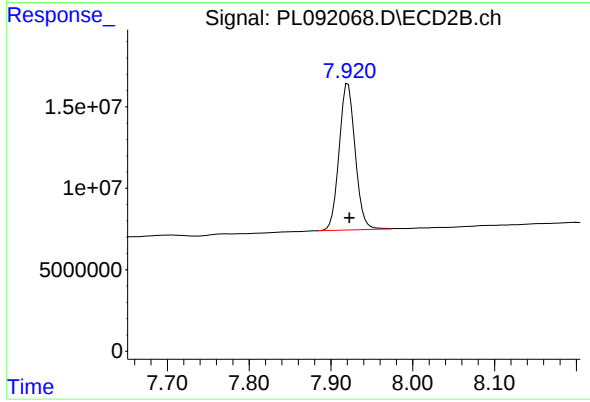
R.T.: 5.939 min  
Delta R.T.: -0.008 min  
Response: 128888344  
Conc: 1188.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.001 min  
Response: 71761851  
Conc: 43.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.921 min  
Delta R.T.: -0.002 min  
Response: 121824852  
Conc: 48.69 ng/ml