

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100318\  
 Data File : PL040594.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2018 13:48  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 02:17:04 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.209 | 3.805 | 381.9E6 | 143.5E6  | 52.178   | 45.448     |
| 28)                         | SA Decachlor... | 7.810 | 8.729 | 478.5E6 | 132.3E6  | 50.337   | 41.773     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.630 | 4.177 | 620.4E6 | 218.8E6  | 53.020   | 46.149     |
| 3)                          | MA gamma-BHC... | 3.900 | 4.451 | 583.3E6 | 203.5E6  | 53.648   | 44.852     |
| 4)                          | MA Heptachlor   | 4.174 | 4.949 | 626.2E6 | 200.7E6  | 53.216   | 47.254     |
| 5)                          | MB Aldrin       | 4.406 | 5.245 | 573.0E6 | 191.4E6  | 54.228   | 45.348     |
| 6)                          | B beta-BHC      | 4.154 | 4.614 | 212.1E6 | 87085146 | 50.262   | 43.584     |
| 7)                          | B delta-BHC     | 4.340 | 4.822 | 590.2E6 | 199.2E6  | 52.882   | 43.163     |
| 8)                          | B Heptachlo...  | 4.836 | 5.621 | 540.0E6 | 178.9E6  | 52.164   | 46.614     |
| 9)                          | A Endosulfan I  | 5.160 | 5.969 | 539.3E6 | 169.0E6  | 53.505   | 45.428     |
| 10)                         | B gamma-Chl...  | 5.054 | 5.852 | 617.2E6 | 184.4E6  | 56.831   | 46.656     |
| 11)                         | B alpha-Chl...  | 5.109 | 5.924 | 566.8E6 | 180.6E6  | 54.106   | 46.023     |
| 12)                         | B 4,4'-DDE      | 5.279 | 6.083 | 578.1E6 | 182.7E6  | 52.303   | 45.369     |
| 13)                         | MA Dieldrin     | 5.395 | 6.220 | 574.7E6 | 180.7E6  | 52.466   | 47.312     |
| 14)                         | MA Endrin       | 5.644 | 6.432 | 533.7E6 | 153.7E6  | 53.726   | 47.050     |
| 15)                         | B Endosulfa...  | 5.919 | 6.636 | 523.0E6 | 155.1E6  | 52.495   | 44.363     |
| 16)                         | A 4,4'-DDD      | 5.785 | 6.561 | 474.2E6 | 147.2E6  | 51.370   | 46.318     |
| 17)                         | MA 4,4'-DDT     | 6.016 | 6.857 | 474.2E6 | 140.5E6  | 58.637   | 46.100     |
| 18)                         | B Endrin al...  | 6.085 | 6.757 | 409.5E6 | 130.4E6  | 48.768   | 43.551     |
| 19)                         | B Endosulfa...  | 6.294 | 6.979 | 489.6E6 | 141.0E6  | 51.155   | 43.838     |
| 20)                         | A Methoxychlor  | 6.561 | 7.313 | 227.8E6 | 67076363 | 47.157   | 44.015     |
| 21)                         | B Endrin ke...  | 6.770 | 7.437 | 577.4E6 | 145.9E6  | 53.214   | 47.473     |
| 23)                         | Chlordane-1     | 0.000 | 4.822 | 0       | 199.2E6  | N.D.     | 1290.940 # |
| 24)                         | Chlordane-2     | 0.000 | 5.245 | 0       | 191.4E6  | N.D.     | 1137.341 # |
| 25)                         | Chlordane-3     | 5.054 | 5.852 | 617.2E6 | 184.4E6  | 480.465  | 330.582 #  |
| 26)                         | Chlordane-4     | 5.109 | 5.924 | 566.8E6 | 180.6E6  | 478.387  | 273.672 #  |
| 27)                         | Chlordane-5     | 5.919 | 6.757 | 523.0E6 | 130.4E6  | 1295.622 | 1070.552   |
| -----                       |                 |       |       |         |          |          |            |

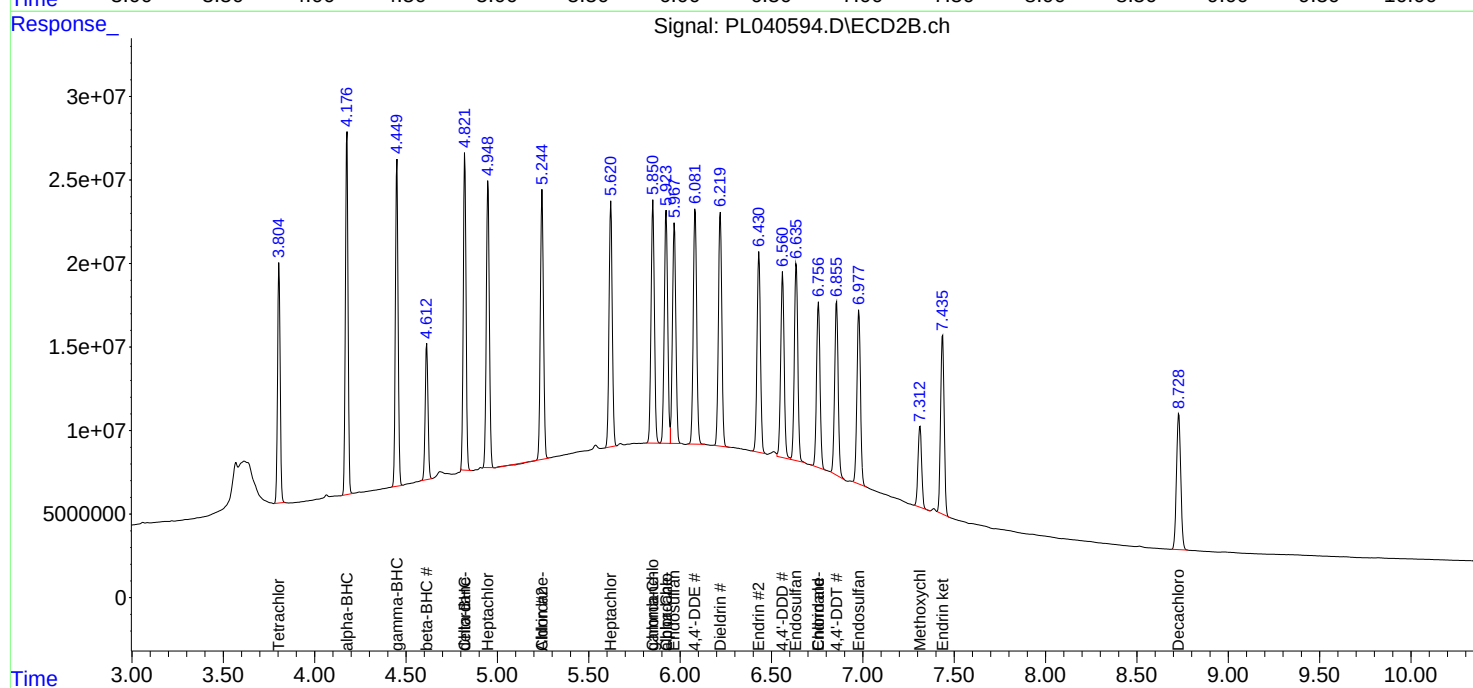
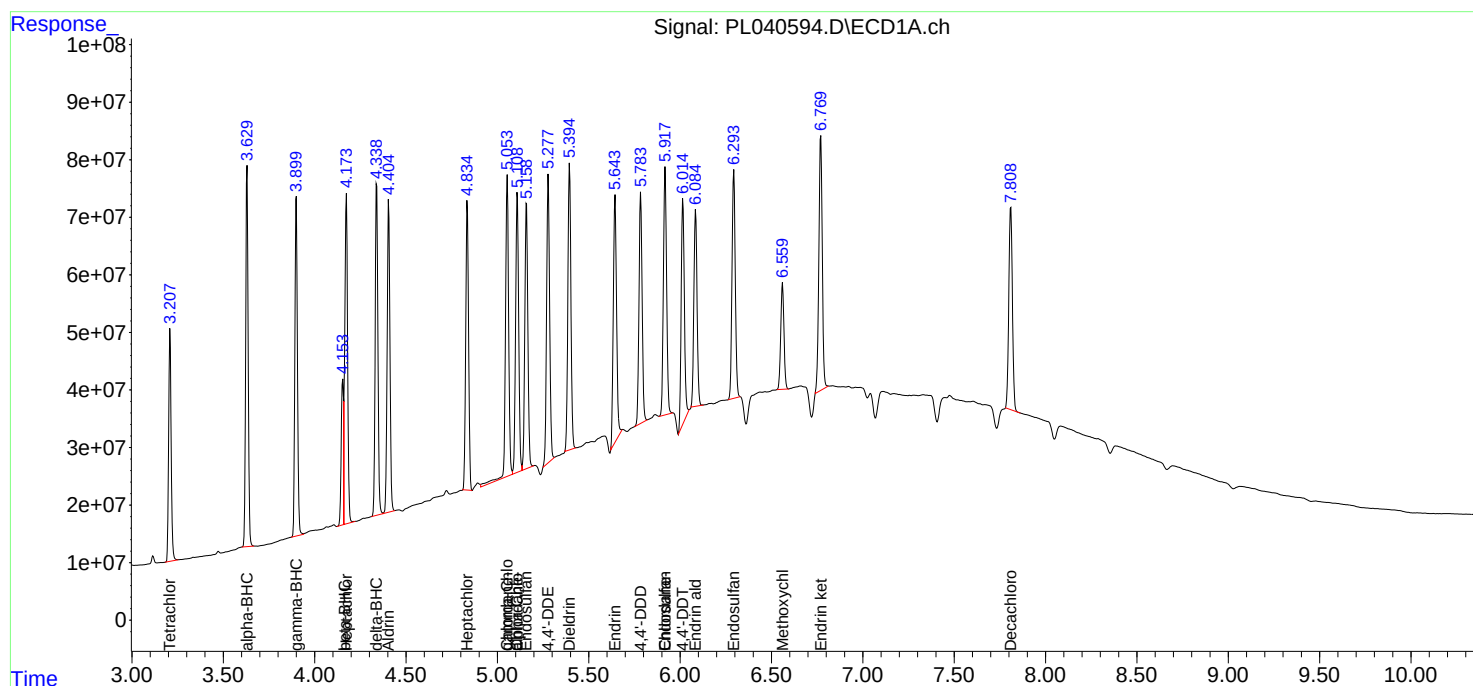
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

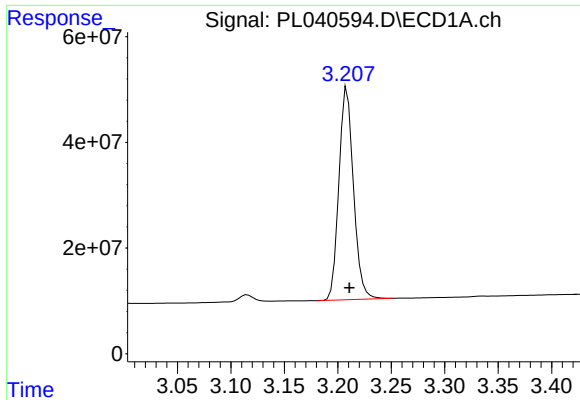
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100318\  
Data File : PL040594.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2018 13:48  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 02:17:04 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

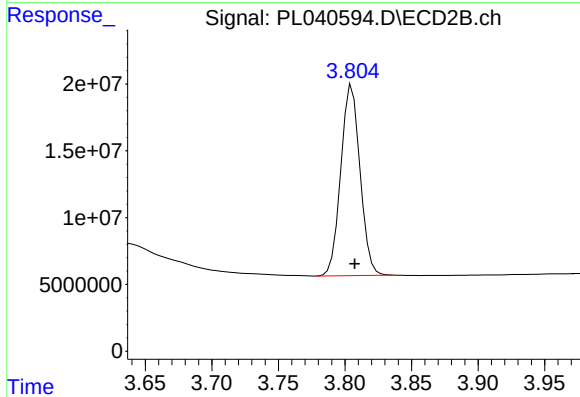




#1 Tetrachloro-m-xylene

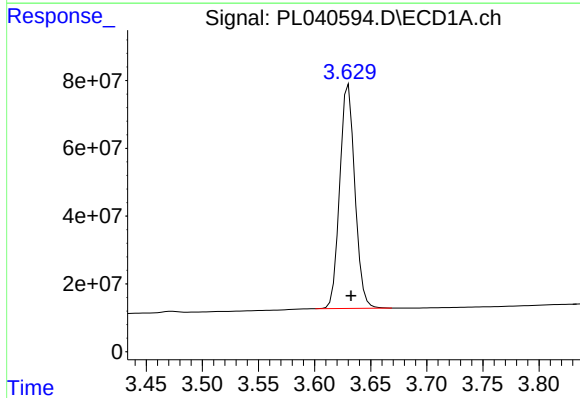
R.T.: 3.209 min  
Delta R.T.: -0.002 min  
Response: 381944913  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



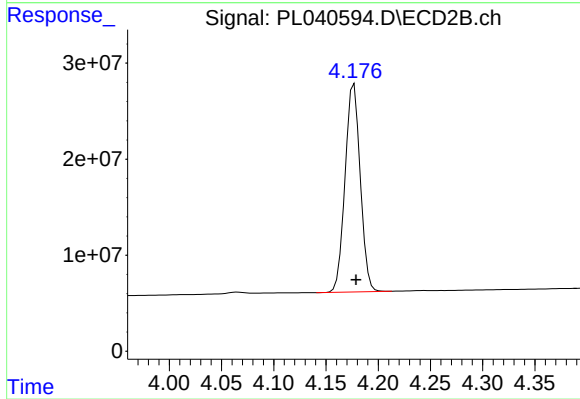
#1 Tetrachloro-m-xylene

R.T.: 3.805 min  
Delta R.T.: -0.002 min  
Response: 143517251  
Conc: 45.45 ng/ml



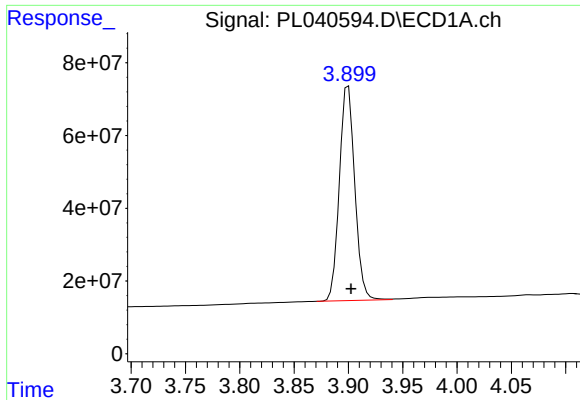
#2 alpha-BHC

R.T.: 3.630 min  
Delta R.T.: -0.002 min  
Response: 620362921  
Conc: 53.02 ng/ml



#2 alpha-BHC

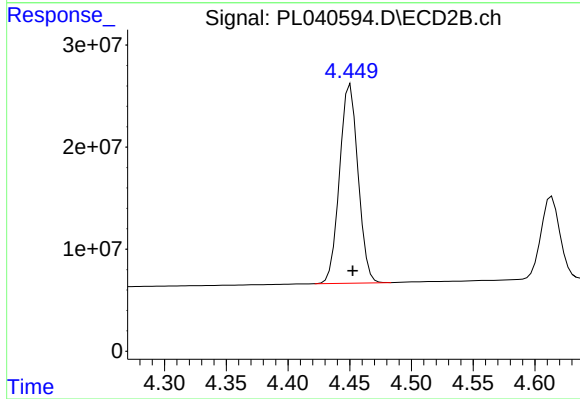
R.T.: 4.177 min  
Delta R.T.: -0.002 min  
Response: 218798592  
Conc: 46.15 ng/ml



#3 gamma-BHC (Lindane)

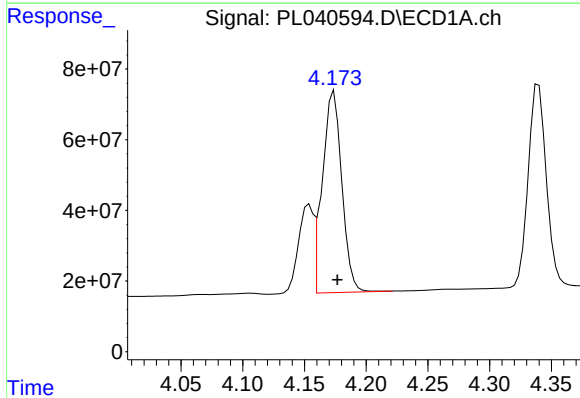
R.T.: 3.900 min  
Delta R.T.: -0.003 min  
Response: 583294113  
Conc: 53.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



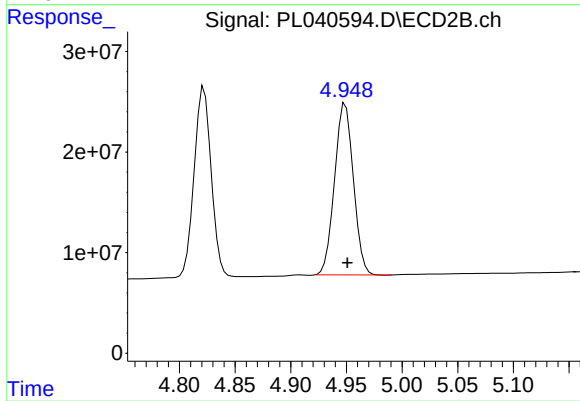
#3 gamma-BHC (Lindane)

R.T.: 4.451 min  
Delta R.T.: -0.002 min  
Response: 203549126  
Conc: 44.85 ng/ml



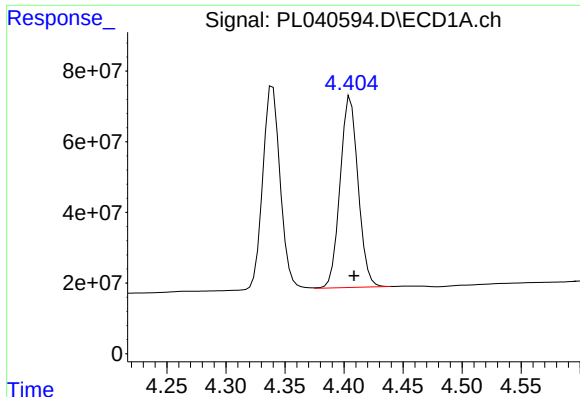
#4 Heptachlor

R.T.: 4.174 min  
Delta R.T.: -0.003 min  
Response: 626185087  
Conc: 53.22 ng/ml



#4 Heptachlor

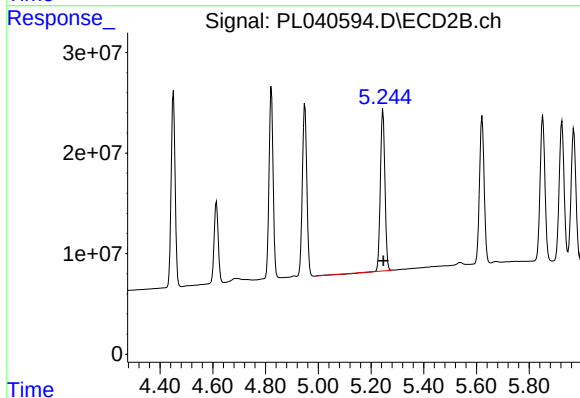
R.T.: 4.949 min  
Delta R.T.: -0.002 min  
Response: 200728157  
Conc: 47.25 ng/ml



#5 Aldrin

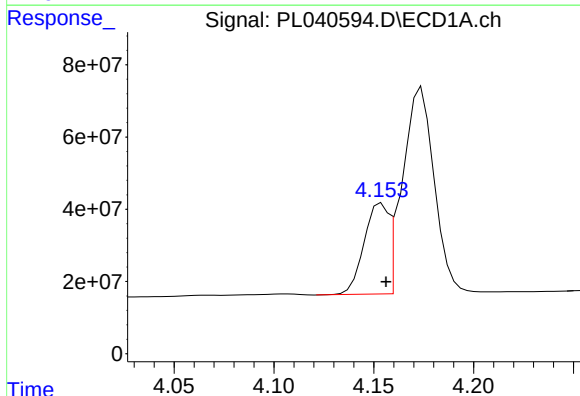
R.T.: 4.406 min  
Delta R.T.: -0.003 min  
Response: 572996107  
Conc: 54.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



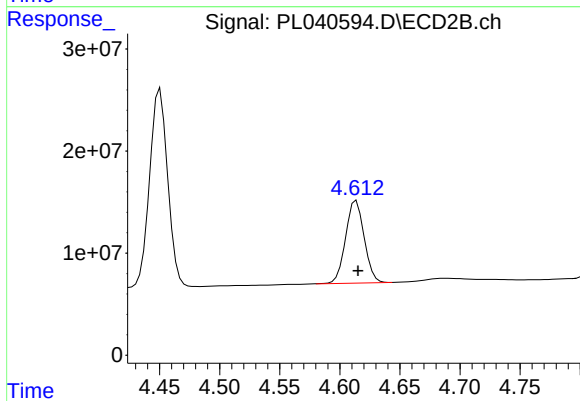
#5 Aldrin

R.T.: 5.245 min  
Delta R.T.: -0.002 min  
Response: 191378080  
Conc: 45.35 ng/ml



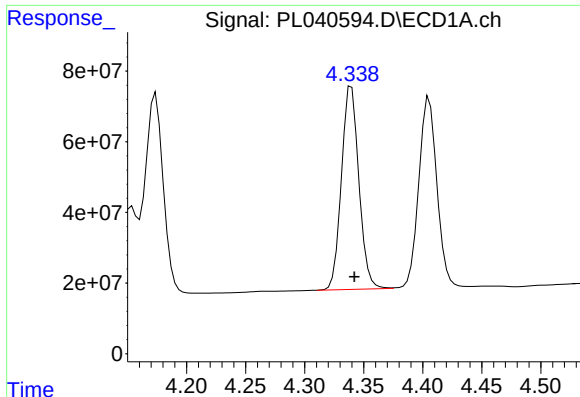
#6 beta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.002 min  
Response: 212149229  
Conc: 50.26 ng/ml



#6 beta-BHC

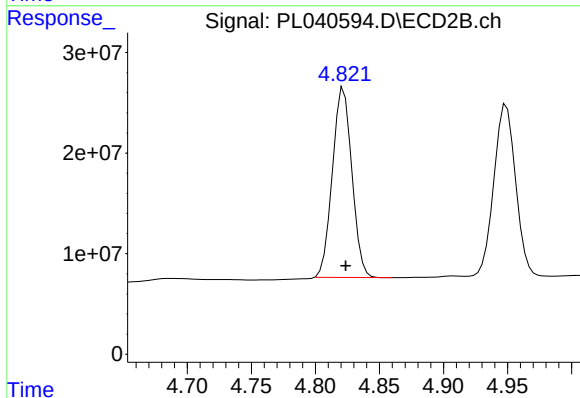
R.T.: 4.614 min  
Delta R.T.: -0.002 min  
Response: 87085146  
Conc: 43.58 ng/ml



#7 delta-BHC

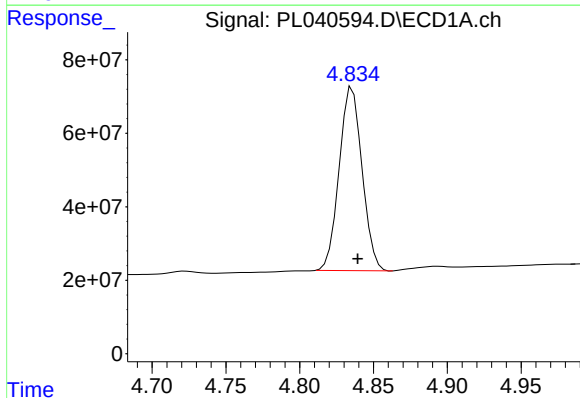
R.T.: 4.340 min  
Delta R.T.: -0.002 min  
Response: 590201142  
Conc: 52.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



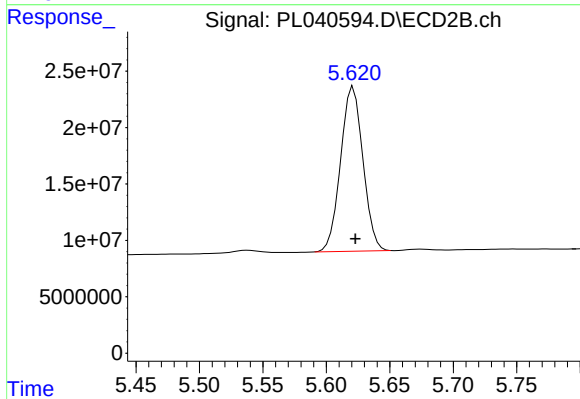
#7 delta-BHC

R.T.: 4.822 min  
Delta R.T.: -0.001 min  
Response: 199227444  
Conc: 43.16 ng/ml



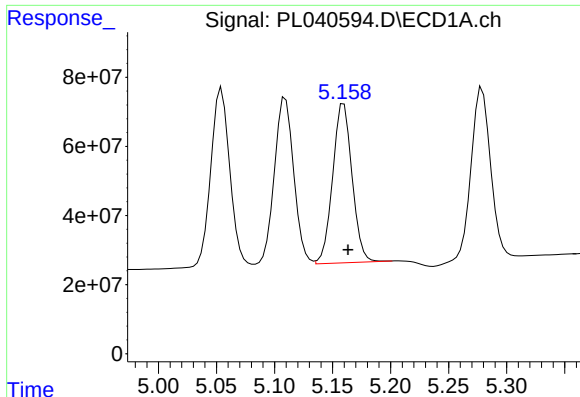
#8 Heptachlor epoxide

R.T.: 4.836 min  
Delta R.T.: -0.004 min  
Response: 539961423  
Conc: 52.16 ng/ml



#8 Heptachlor epoxide

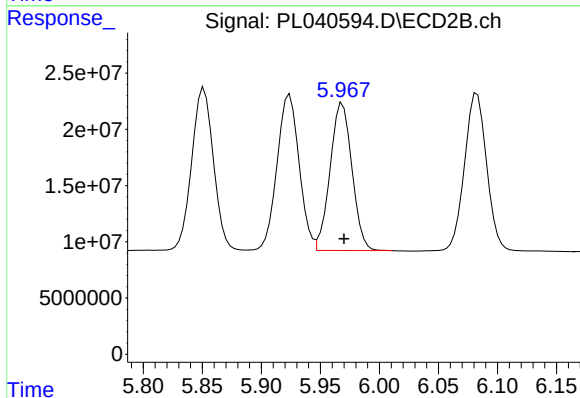
R.T.: 5.621 min  
Delta R.T.: -0.002 min  
Response: 178936126  
Conc: 46.61 ng/ml



#9 Endosulfan I

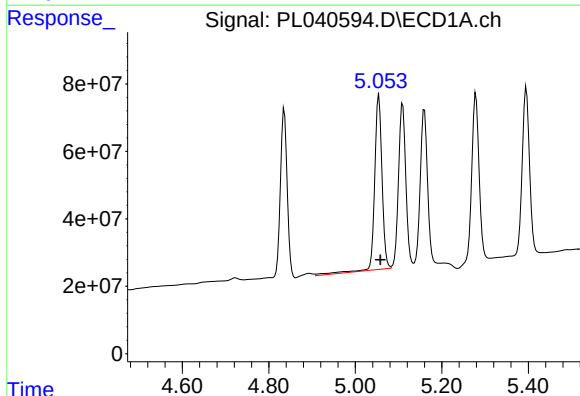
R.T.: 5.160 min  
Delta R.T.: -0.003 min  
Response: 539311053  
Conc: 53.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



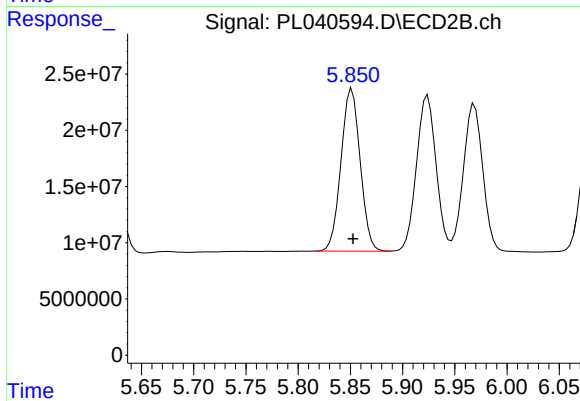
#9 Endosulfan I

R.T.: 5.969 min  
Delta R.T.: -0.001 min  
Response: 169021822  
Conc: 45.43 ng/ml



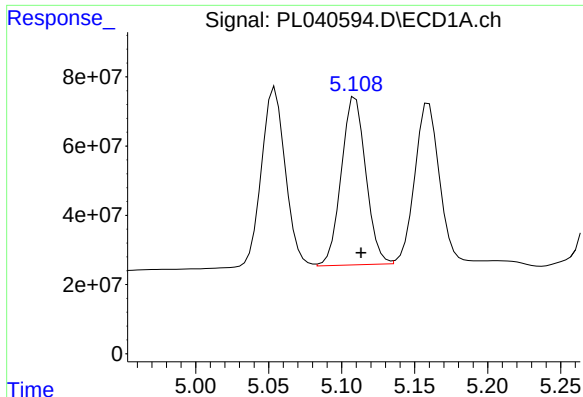
#10 gamma-Chlordane

R.T.: 5.054 min  
Delta R.T.: -0.003 min  
Response: 617177803  
Conc: 56.83 ng/ml



#10 gamma-Chlordane

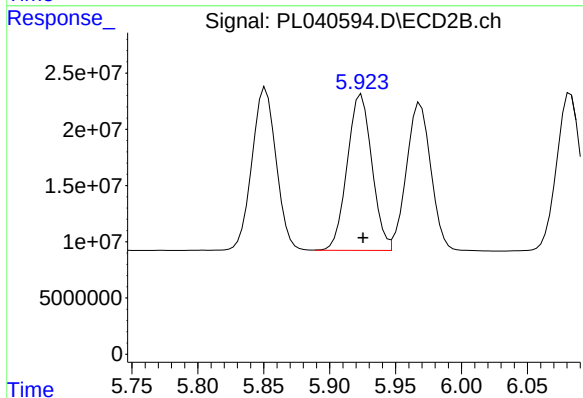
R.T.: 5.852 min  
Delta R.T.: -0.001 min  
Response: 184370222  
Conc: 46.66 ng/ml



#11 alpha-Chlordane

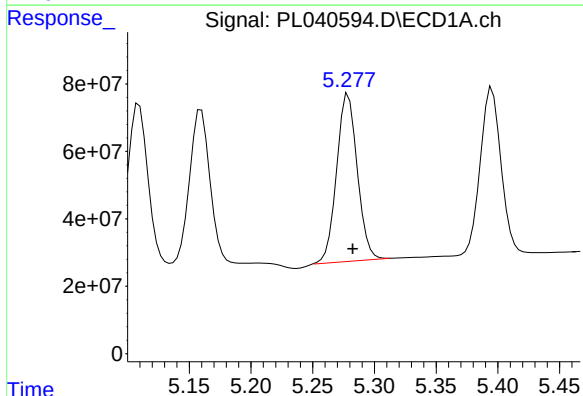
R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 566843152  
Conc: 54.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



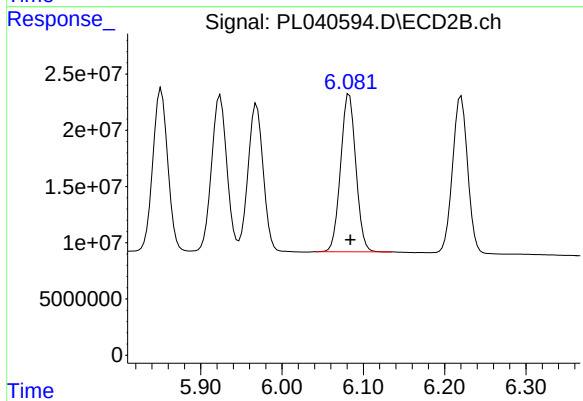
#11 alpha-Chlordane

R.T.: 5.924 min  
Delta R.T.: -0.001 min  
Response: 180613084  
Conc: 46.02 ng/ml



#12 4,4'-DDE

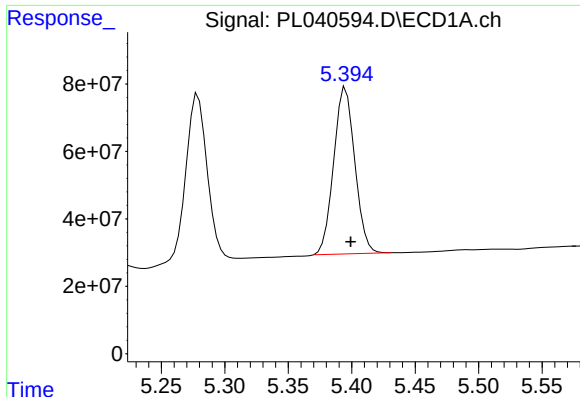
R.T.: 5.279 min  
Delta R.T.: -0.003 min  
Response: 578101906  
Conc: 52.30 ng/ml



#12 4,4'-DDE

R.T.: 6.083 min  
Delta R.T.: -0.002 min  
Response: 182671689  
Conc: 45.37 ng/ml

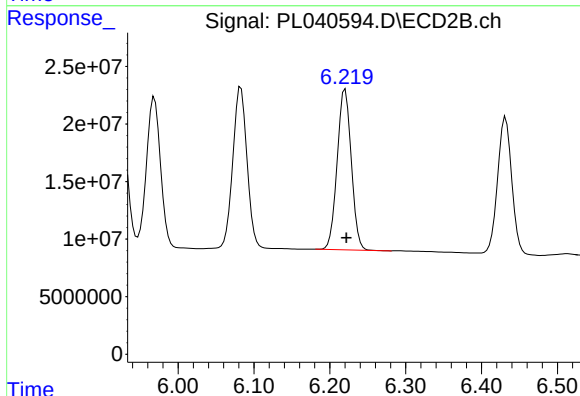




#13 Dieldrin

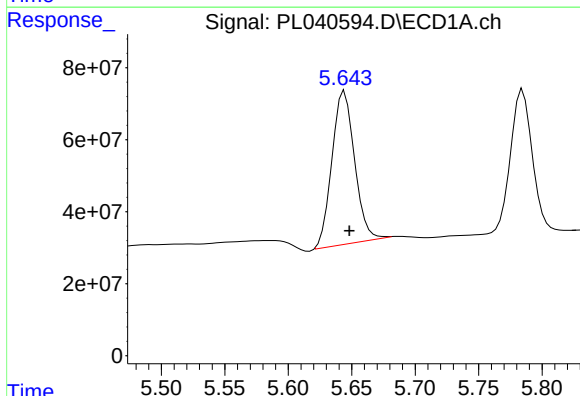
R.T.: 5.395 min  
Delta R.T.: -0.004 min  
Response: 574716947  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



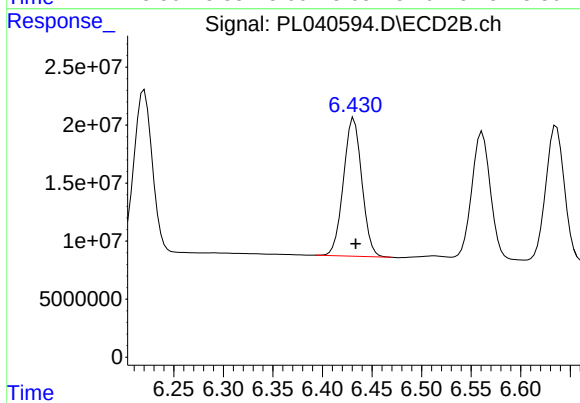
#13 Dieldrin

R.T.: 6.220 min  
Delta R.T.: -0.002 min  
Response: 180746032  
Conc: 47.31 ng/ml



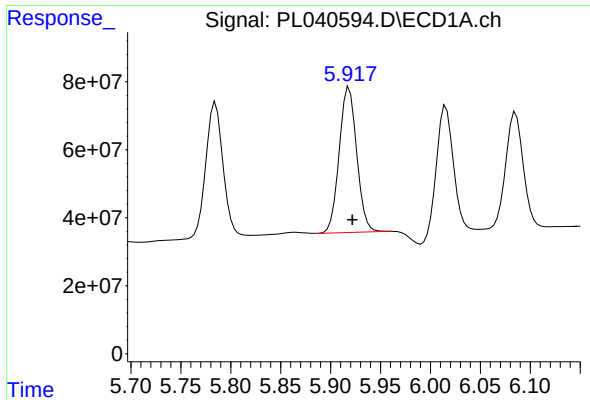
#14 Endrin

R.T.: 5.644 min  
Delta R.T.: -0.004 min  
Response: 533707679  
Conc: 53.73 ng/ml



#14 Endrin

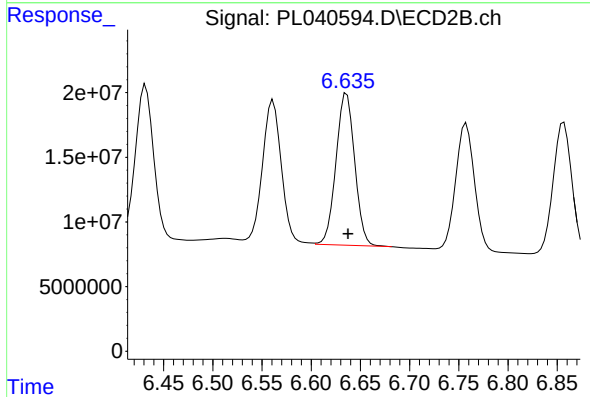
R.T.: 6.432 min  
Delta R.T.: -0.002 min  
Response: 153704404  
Conc: 47.05 ng/ml



#15 Endosulfan II

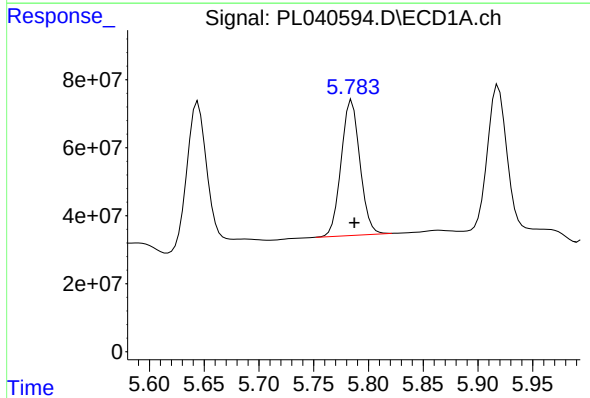
R.T.: 5.919 min  
Delta R.T.: -0.003 min  
Response: 522983326  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



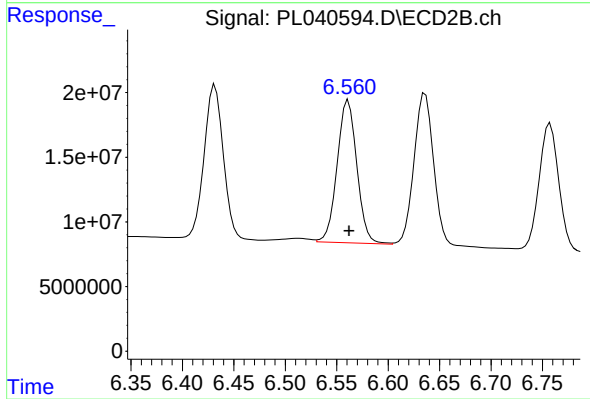
#15 Endosulfan II

R.T.: 6.636 min  
Delta R.T.: -0.001 min  
Response: 155081781  
Conc: 44.36 ng/ml



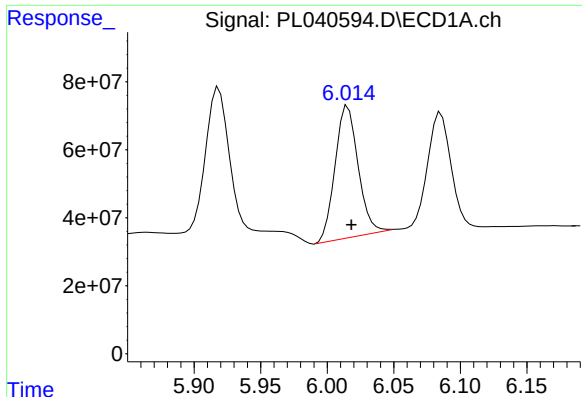
#16 4,4'-DDD

R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 474229983  
Conc: 51.37 ng/ml



#16 4,4'-DDD

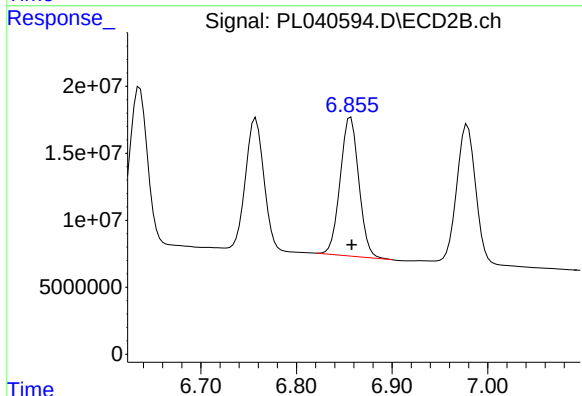
R.T.: 6.561 min  
Delta R.T.: 0.000 min  
Response: 147152587  
Conc: 46.32 ng/ml



#17 4,4'-DDT

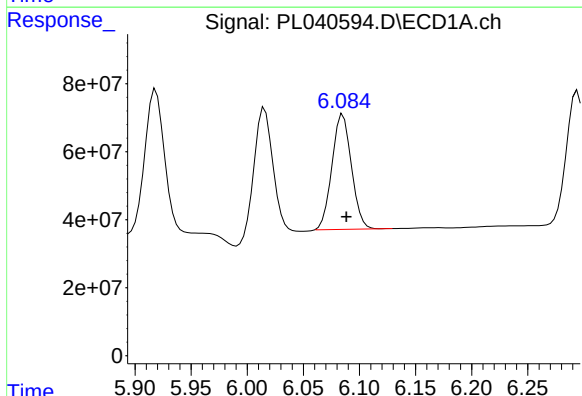
R.T.: 6.016 min  
Delta R.T.: -0.003 min  
Response: 474187070  
Conc: 58.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



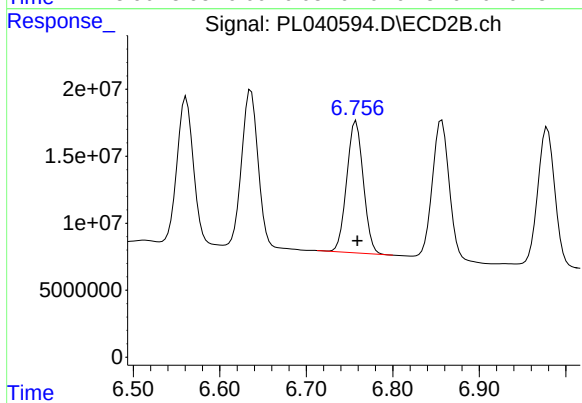
#17 4,4'-DDT

R.T.: 6.857 min  
Delta R.T.: -0.001 min  
Response: 140478151  
Conc: 46.10 ng/ml



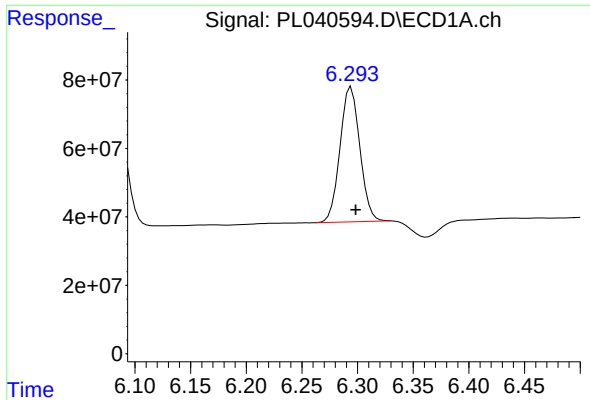
#18 Endrin aldehyde

R.T.: 6.085 min  
Delta R.T.: -0.003 min  
Response: 409494548  
Conc: 48.77 ng/ml



#18 Endrin aldehyde

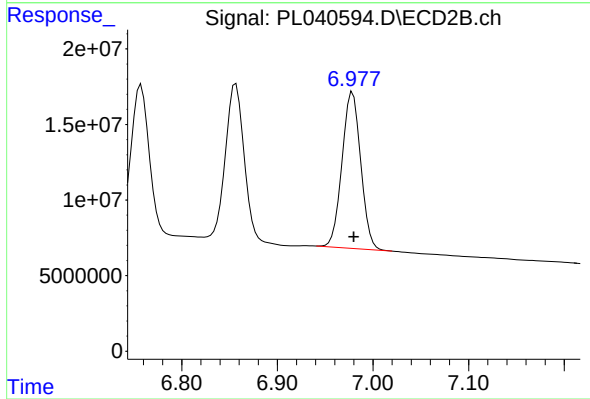
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 130359101  
Conc: 43.55 ng/ml



#19 Endosulfan Sulfate

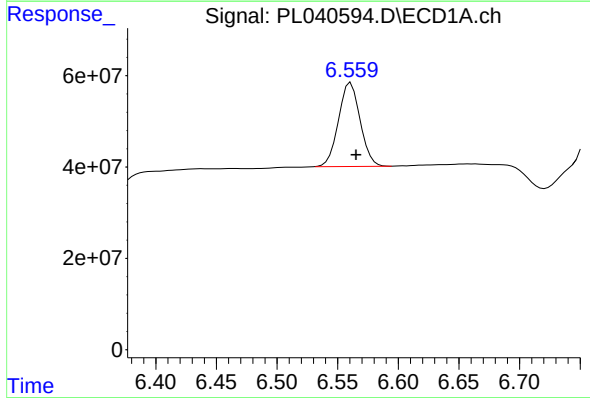
R.T.: 6.294 min  
Delta R.T.: -0.004 min  
Response: 489620535  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



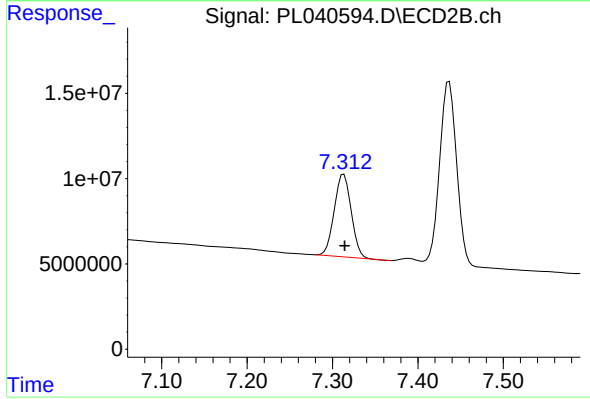
#19 Endosulfan Sulfate

R.T.: 6.979 min  
Delta R.T.: -0.001 min  
Response: 141001252  
Conc: 43.84 ng/ml



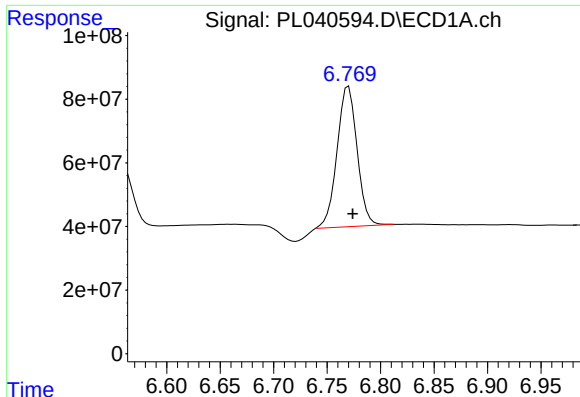
#20 Methoxychlor

R.T.: 6.561 min  
Delta R.T.: -0.004 min  
Response: 227783605  
Conc: 47.16 ng/ml



#20 Methoxychlor

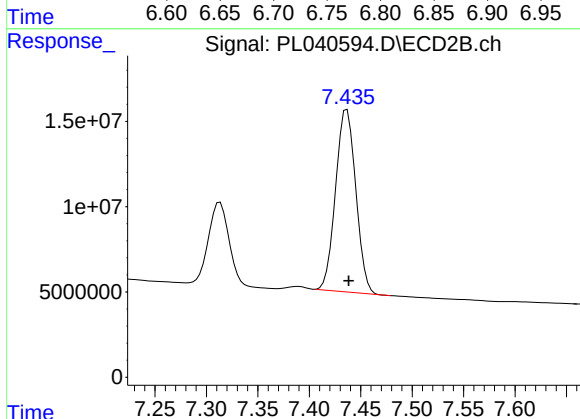
R.T.: 7.313 min  
Delta R.T.: -0.001 min  
Response: 67076363  
Conc: 44.02 ng/ml



#21 Endrin ketone

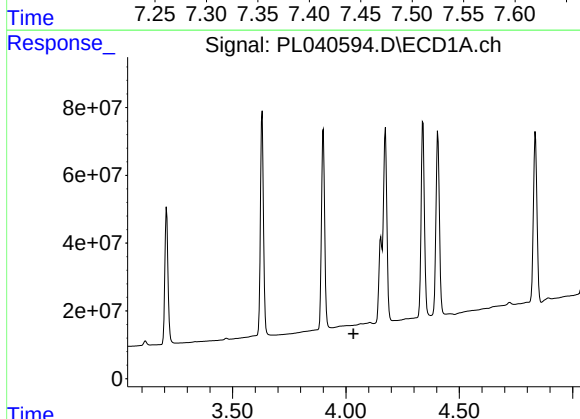
R.T.: 6.770 min  
Delta R.T.: -0.004 min  
Response: 577361992  
Conc: 53.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



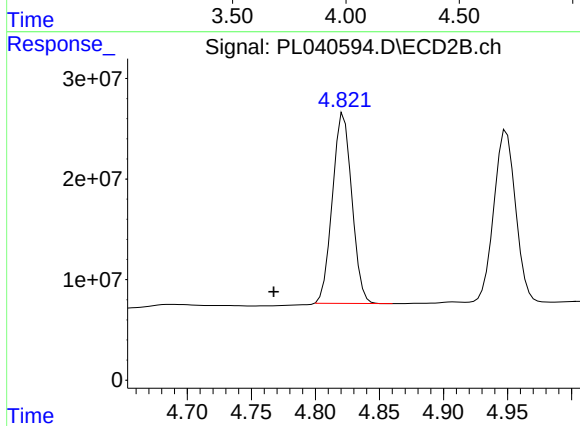
#21 Endrin ketone

R.T.: 7.437 min  
Delta R.T.: -0.002 min  
Response: 145938604  
Conc: 47.47 ng/ml



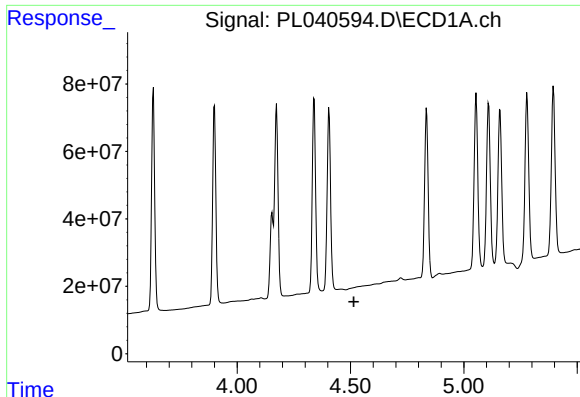
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.034 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

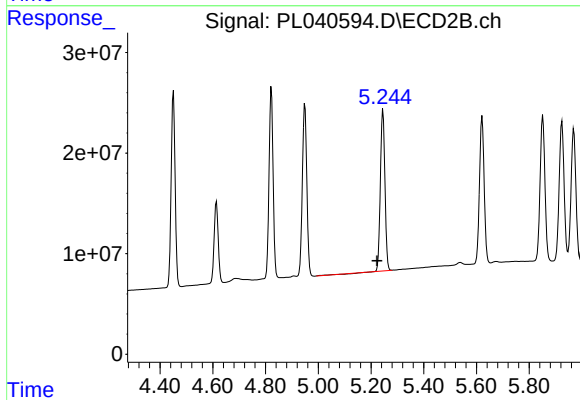
R.T.: 4.822 min  
Delta R.T.: 0.055 min  
Response: 199227444  
Conc: 1290.94 ng/ml



#24 Chlordane-2

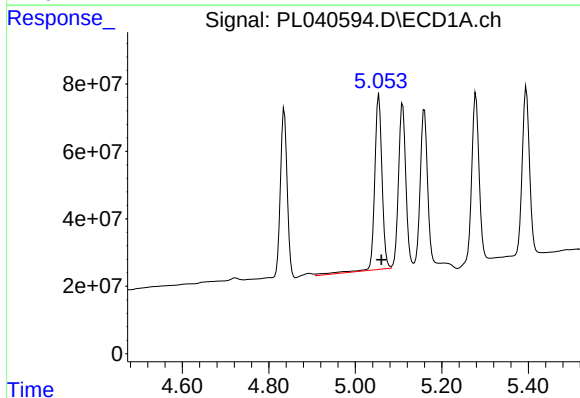
R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



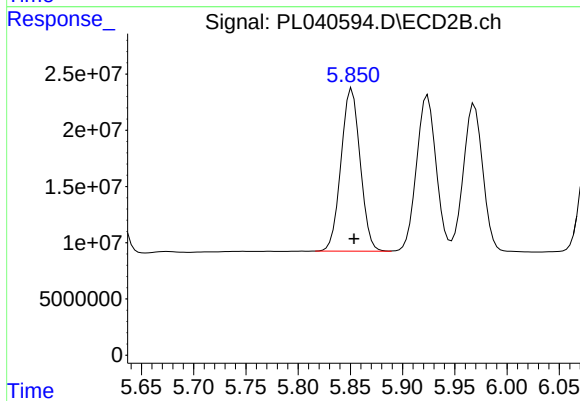
#24 Chlordane-2

R.T.: 5.245 min  
Delta R.T.: 0.022 min  
Response: 191378080  
Conc: 1137.34 ng/ml



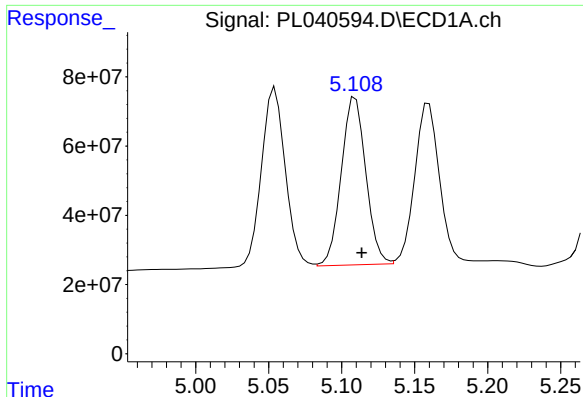
#25 Chlordane-3

R.T.: 5.054 min  
Delta R.T.: -0.005 min  
Response: 617177803  
Conc: 480.47 ng/ml



#25 Chlordane-3

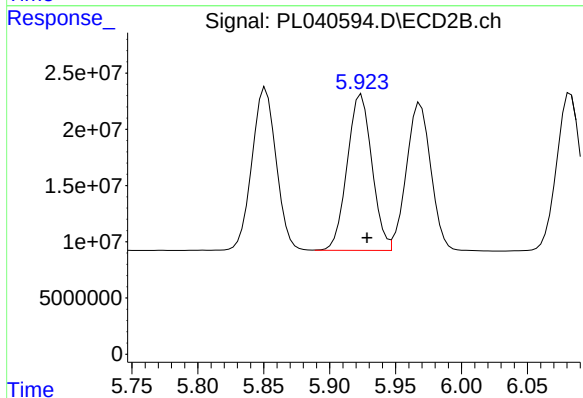
R.T.: 5.852 min  
Delta R.T.: -0.002 min  
Response: 184370222  
Conc: 330.58 ng/ml



#26 Chlordane-4

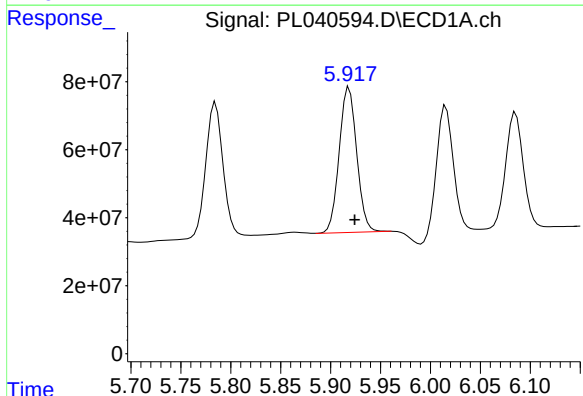
R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 566843152  
Conc: 478.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



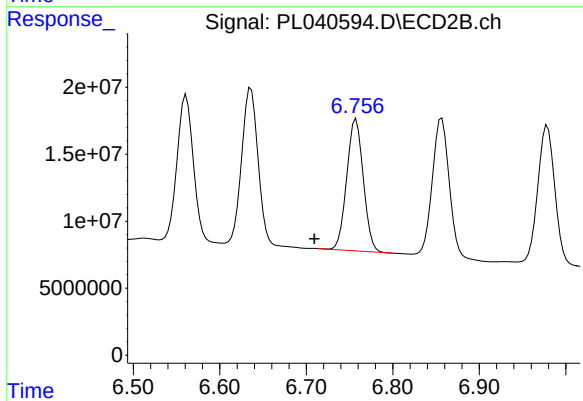
#26 Chlordane-4

R.T.: 5.924 min  
Delta R.T.: -0.004 min  
Response: 180613084  
Conc: 273.67 ng/ml



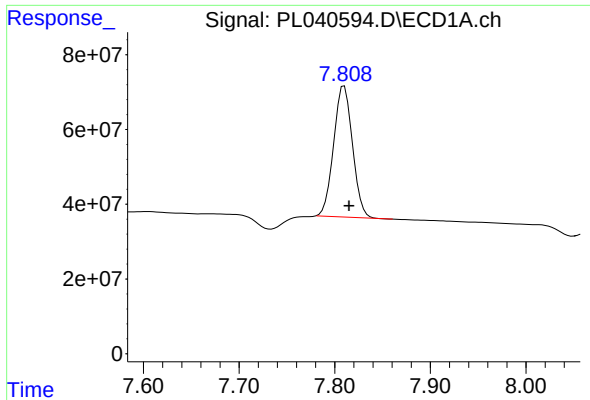
#27 Chlordane-5

R.T.: 5.919 min  
Delta R.T.: -0.006 min  
Response: 522983326  
Conc: 1295.62 ng/ml



#27 Chlordane-5

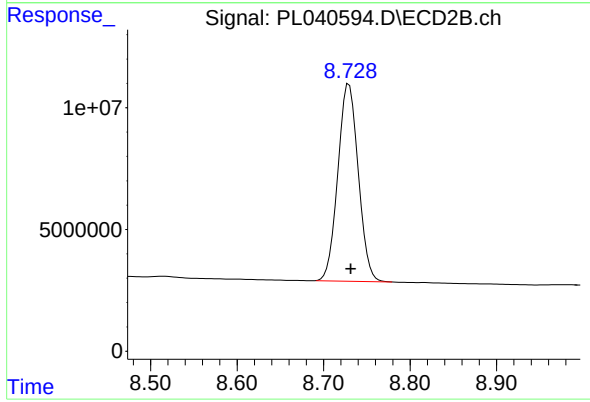
R.T.: 6.757 min  
Delta R.T.: 0.048 min  
Response: 130359101  
Conc: 1070.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.810 min  
Delta R.T.: -0.005 min  
Response: 478496444  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.729 min  
Delta R.T.: -0.002 min  
Response: 132287280  
Conc: 41.77 ng/ml