

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100318\  
 Data File : PL040610.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2018 18:29  
 Operator : AJ\SJ  
 Sample : J5212-01MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 09:50:47 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 | 3.806 | 177.0E6 | 66427677 | 24.179   | 21.036     |
| 28)                         | SA Decachlor... | 7.811 | 8.730 | 149.7E6 | 46978281 | 15.753   | 14.835     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.631 | 4.178 | 754.8E6 | 260.8E6  | 64.514   | 55.002     |
| 3)                          | MA gamma-BHC... | 3.900 | 4.451 | 684.3E6 | 236.4E6  | 62.938   | 52.102     |
| 4)                          | MA Heptachlor   | 4.174 | 4.949 | 720.1E6 | 228.7E6  | 61.199   | 53.847     |
| 5)                          | MB Aldrin       | 4.406 | 5.246 | 665.2E6 | 216.8E6  | 62.950   | 51.372     |
| 6)                          | B beta-BHC      | 4.154 | 4.614 | 255.1E6 | 107.1E6  | 60.440   | 53.615     |
| 7)                          | B delta-BHC     | 4.340 | 4.823 | 698.5E6 | 241.5E6  | 62.588   | 52.329     |
| 8)                          | B Heptachlo...  | 4.836 | 5.622 | 605.0E6 | 181.3E6  | 58.446   | 47.226     |
| 9)                          | A Endosulfan I  | 5.160 | 5.969 | 558.4E6 | 180.2E6  | 55.396   | 48.439     |
| 10)                         | B gamma-Chl...  | 5.055 | 5.852 | 623.8E6 | 195.0E6  | 57.438   | 49.348     |
| 11)                         | B alpha-Chl...  | 5.110 | 5.924 | 604.1E6 | 195.5E6  | 57.660   | 49.827     |
| 12)                         | B 4,4'-DDE      | 5.279 | 6.083 | 612.4E6 | 191.9E6  | 55.408   | 47.656     |
| 13)                         | MA Dieldrin     | 5.396 | 6.221 | 607.2E6 | 187.5E6  | 55.431   | 49.079     |
| 14)                         | MA Endrin       | 5.644 | 6.433 | 563.9E6 | 158.0E6  | 56.766   | 48.363     |
| 15)                         | B Endosulfa...  | 5.919 | 6.636 | 523.8E6 | 156.1E6  | 52.581   | 44.643     |
| 16)                         | A 4,4'-DDD      | 5.785 | 6.562 | 485.2E6 | 139.0E6  | 52.562   | 43.757     |
| 17)                         | MA 4,4'-DDT     | 6.015 | 6.857 | 457.5E6 | 136.8E6  | 56.577   | 44.896     |
| 18)                         | B Endrin al...  | 6.085 | 6.758 | 392.0E6 | 121.1E6  | 46.688   | 40.473     |
| 19)                         | B Endosulfa...  | 6.295 | 6.979 | 459.8E6 | 137.2E6  | 48.045   | 42.663     |
| 20)                         | A Methoxychlor  | 6.561 | 7.314 | 238.8E6 | 71217578 | 49.440   | 46.733     |
| 21)                         | B Endrin ke...  | 6.770 | 7.437 | 499.0E6 | 148.7E6  | 45.993   | 48.386     |
| 23)                         | Chlordane-1     | 0.000 | 4.823 | 0       | 241.5E6  | N.D.     | 1565.086 # |
| 24)                         | Chlordane-2     | 0.000 | 5.246 | 0       | 216.8E6  | N.D.     | 1288.448 # |
| 25)                         | Chlordane-3     | 5.055 | 5.852 | 623.8E6 | 195.0E6  | 485.594  | 349.656 #  |
| 26)                         | Chlordane-4     | 5.110 | 5.924 | 604.1E6 | 195.5E6  | 509.813  | 296.292 #  |
| 27)                         | Chlordane-5     | 5.919 | 6.758 | 523.8E6 | 121.1E6  | 1297.746 | 994.885    |
| -----                       |                 |       |       |         |          |          |            |

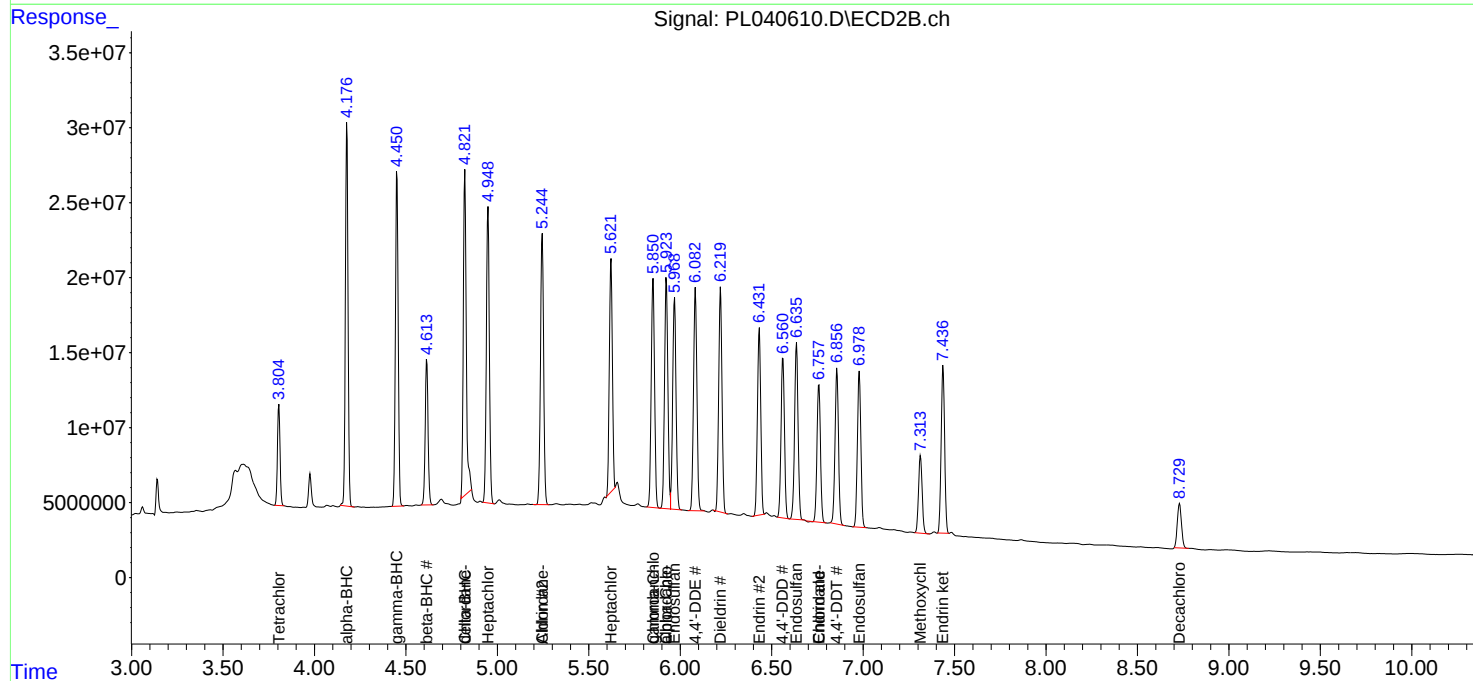
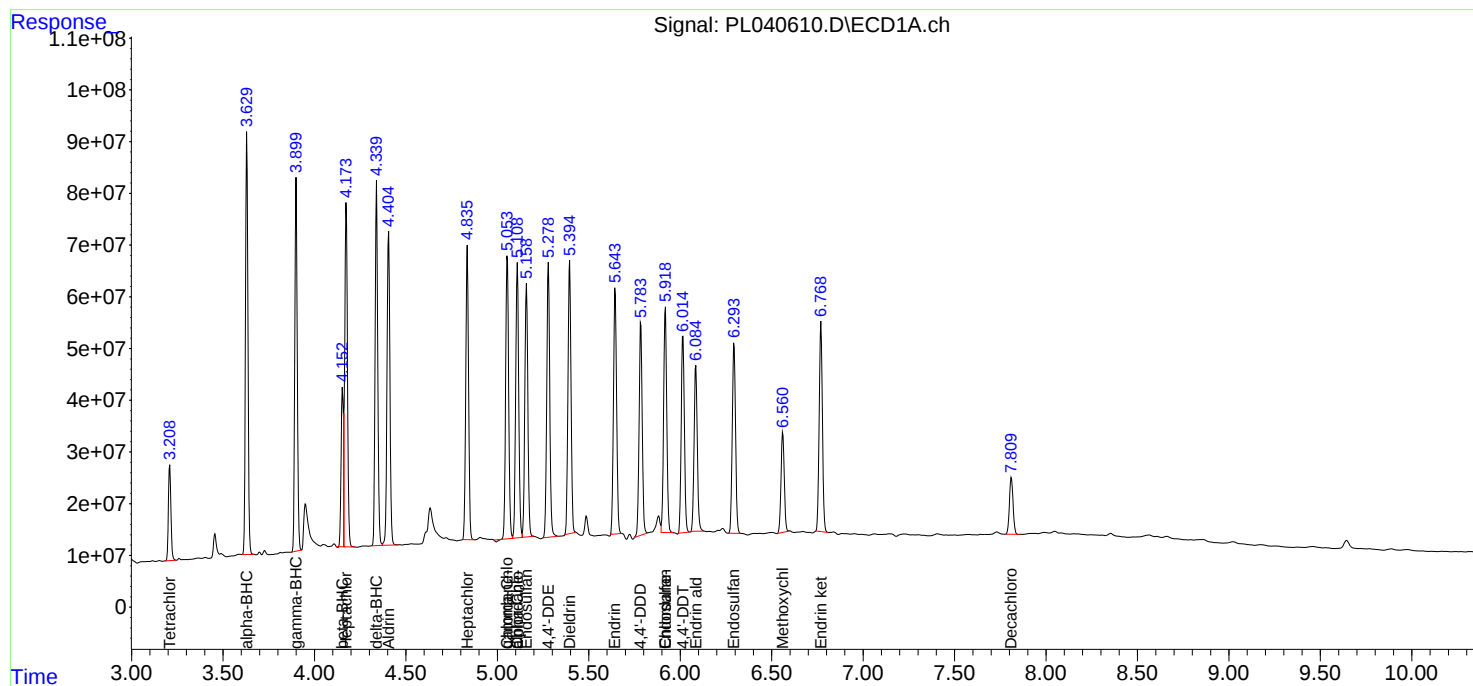
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

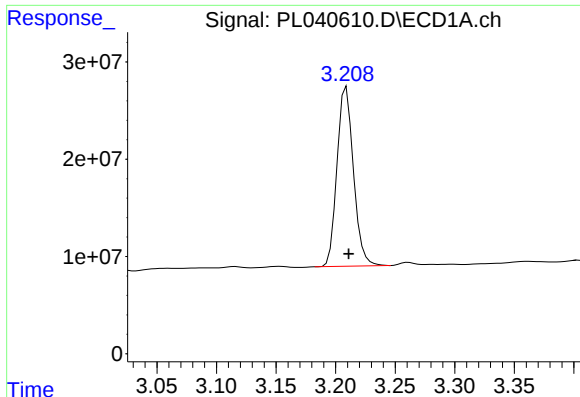
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100318\  
Data File : PL040610.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2018 18:29  
Operator : AJ\SJ  
Sample : J5212-01MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 09:50:47 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

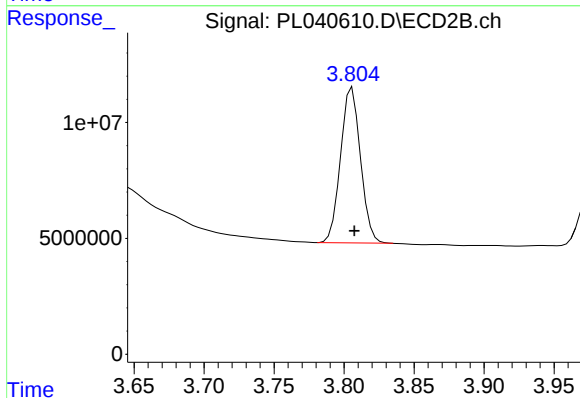




#1 Tetrachloro-m-xylene

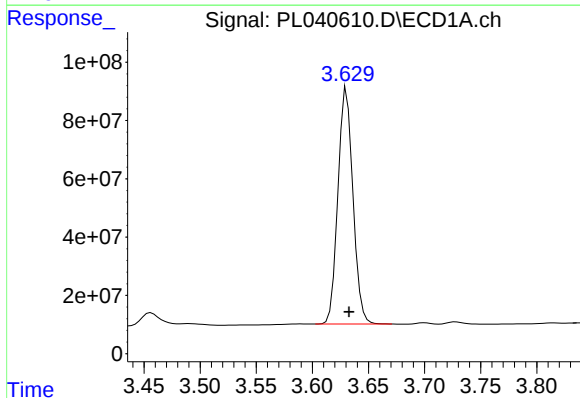
R.T.: 3.209 min  
Delta R.T.: -0.002 min  
Response: 176991731  
Conc: 24.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



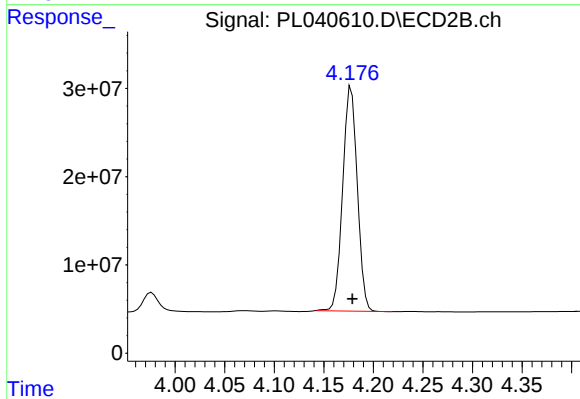
#1 Tetrachloro-m-xylene

R.T.: 3.806 min  
Delta R.T.: -0.002 min  
Response: 66427677  
Conc: 21.04 ng/ml



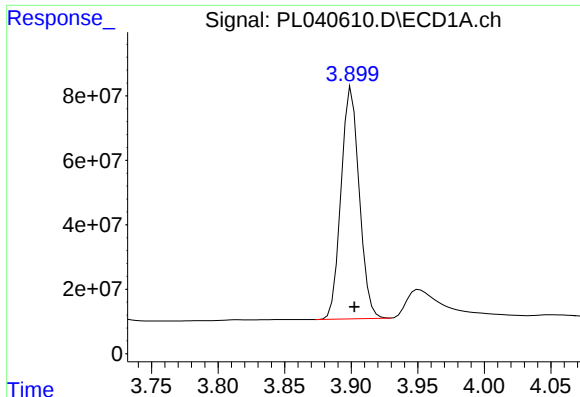
#2 alpha-BHC

R.T.: 3.631 min  
Delta R.T.: -0.002 min  
Response: 754842175  
Conc: 64.51 ng/ml



#2 alpha-BHC

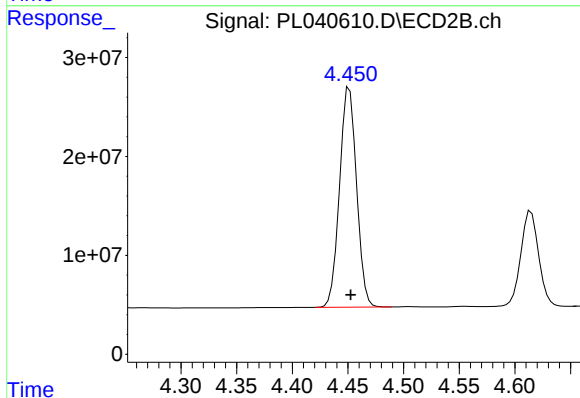
R.T.: 4.178 min  
Delta R.T.: -0.001 min  
Response: 260771604  
Conc: 55.00 ng/ml



#3 gamma-BHC (Lindane)

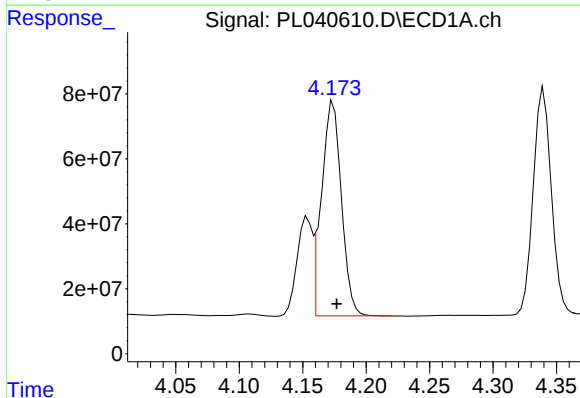
R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 684292674  
Conc: 62.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



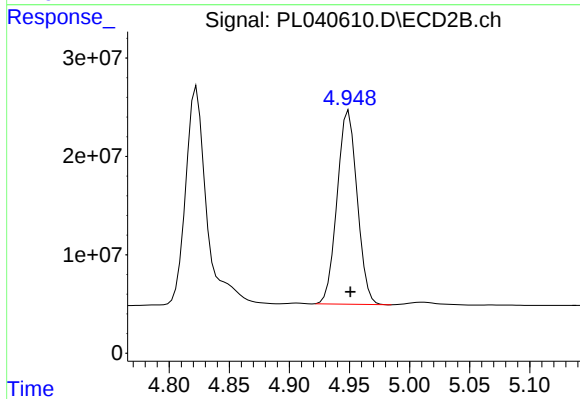
#3 gamma-BHC (Lindane)

R.T.: 4.451 min  
Delta R.T.: -0.001 min  
Response: 236449388  
Conc: 52.10 ng/ml



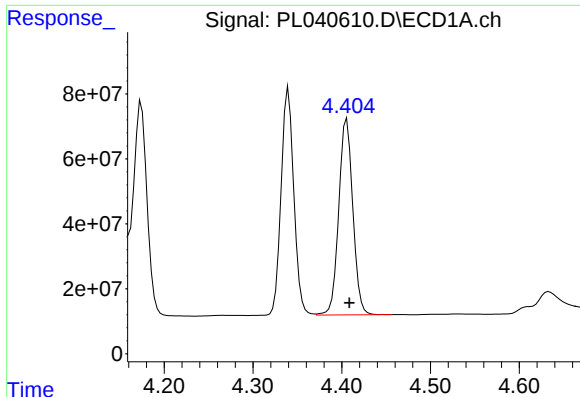
#4 Heptachlor

R.T.: 4.174 min  
Delta R.T.: -0.003 min  
Response: 720118703  
Conc: 61.20 ng/ml



#4 Heptachlor

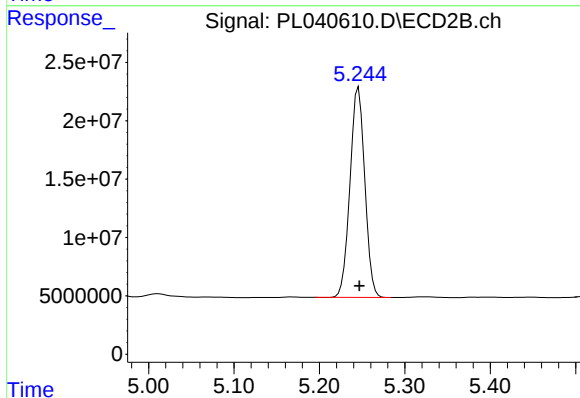
R.T.: 4.949 min  
Delta R.T.: -0.001 min  
Response: 228736489  
Conc: 53.85 ng/ml



#5 Aldrin

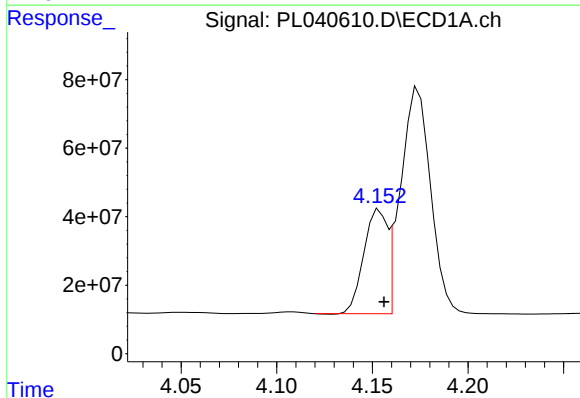
R.T.: 4.406 min  
Delta R.T.: -0.003 min  
Response: 665158366  
Conc: 62.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



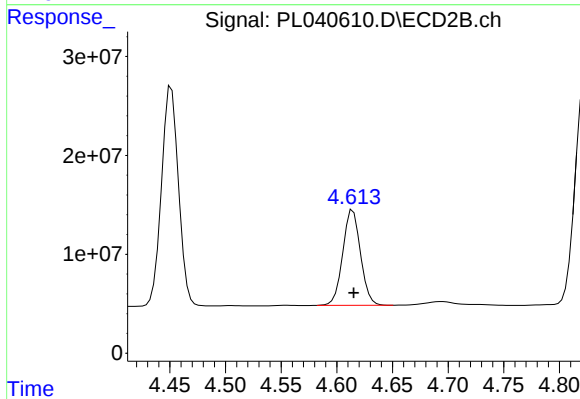
#5 Aldrin

R.T.: 5.246 min  
Delta R.T.: -0.001 min  
Response: 216804499  
Conc: 51.37 ng/ml



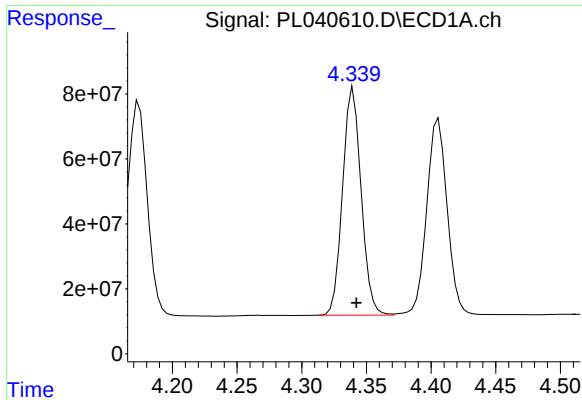
#6 beta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.002 min  
Response: 255110597  
Conc: 60.44 ng/ml



#6 beta-BHC

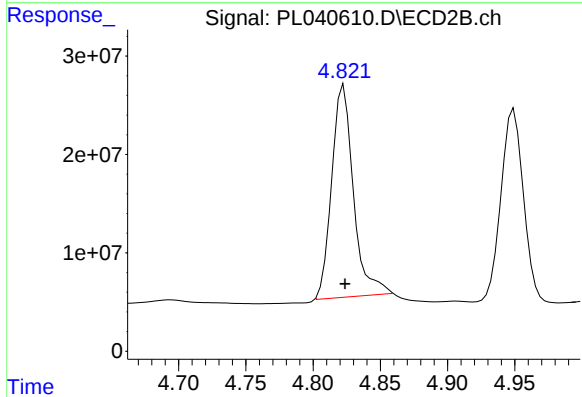
R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 107129262  
Conc: 53.62 ng/ml



#7 delta-BHC

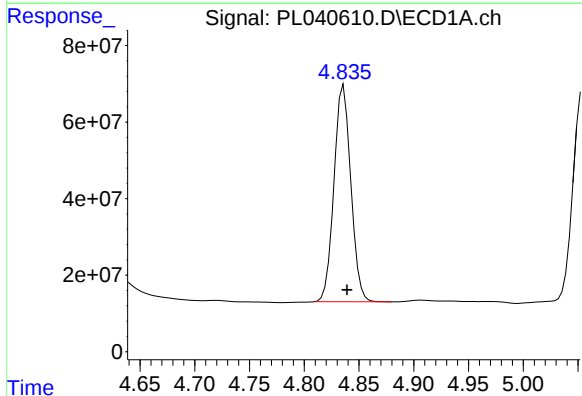
R.T.: 4.340 min  
Delta R.T.: -0.002 min  
Response: 698533306  
Conc: 62.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



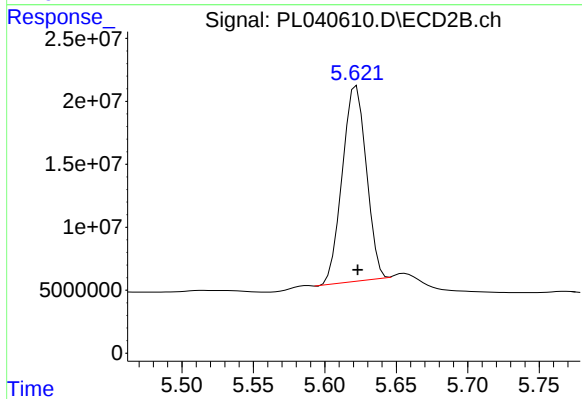
#7 delta-BHC

R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 241535581  
Conc: 52.33 ng/ml



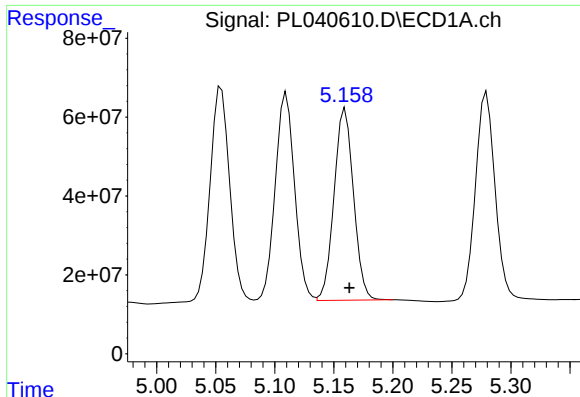
#8 Heptachlor epoxide

R.T.: 4.836 min  
Delta R.T.: -0.003 min  
Response: 604978676  
Conc: 58.45 ng/ml



#8 Heptachlor epoxide

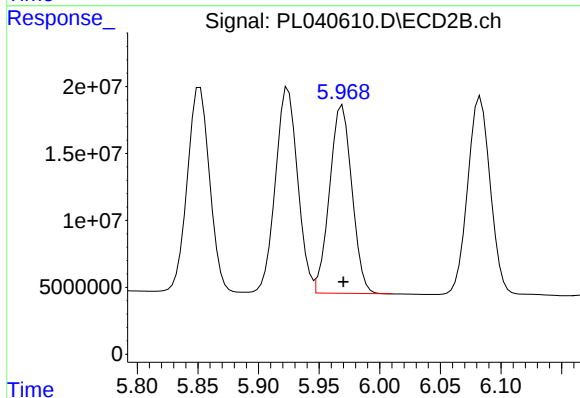
R.T.: 5.622 min  
Delta R.T.: 0.000 min  
Response: 181284342  
Conc: 47.23 ng/ml



#9 Endosulfan I

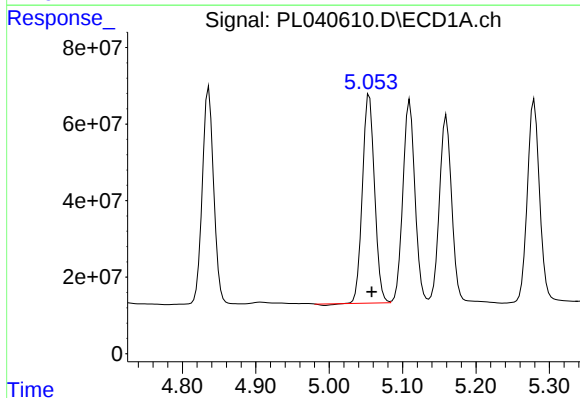
R.T.: 5.160 min  
Delta R.T.: -0.003 min  
Response: 558370176  
Conc: 55.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



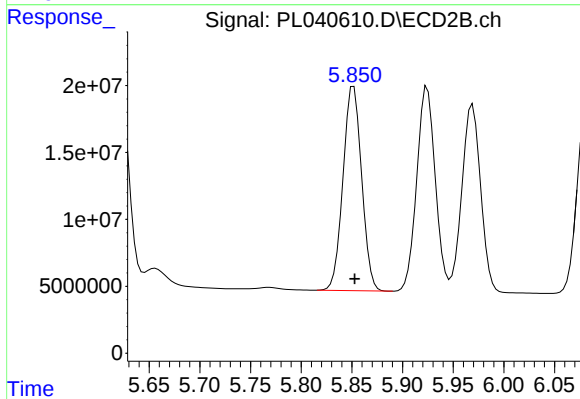
#9 Endosulfan I

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 180221877  
Conc: 48.44 ng/ml



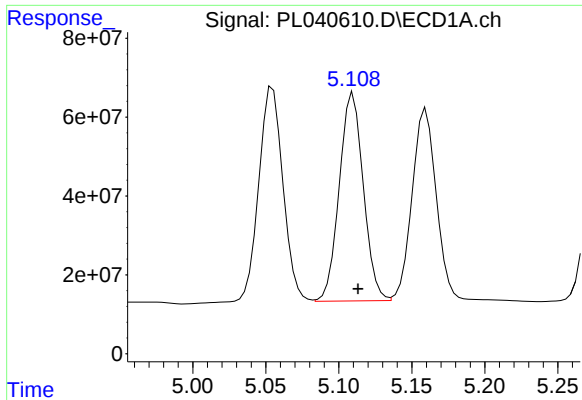
#10 gamma-Chlordane

R.T.: 5.055 min  
Delta R.T.: -0.003 min  
Response: 623766597  
Conc: 57.44 ng/ml



#10 gamma-Chlordane

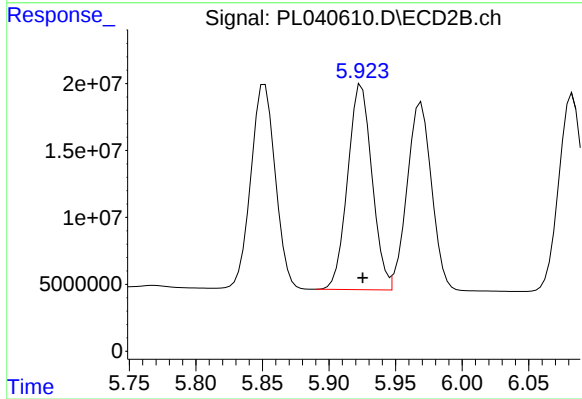
R.T.: 5.852 min  
Delta R.T.: -0.001 min  
Response: 195008034  
Conc: 49.35 ng/ml



#11 alpha-Chlordane

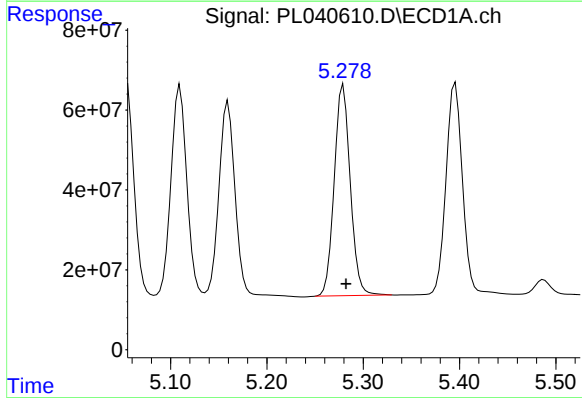
R.T.: 5.110 min  
Delta R.T.: -0.003 min  
Response: 604079728  
Conc: 57.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



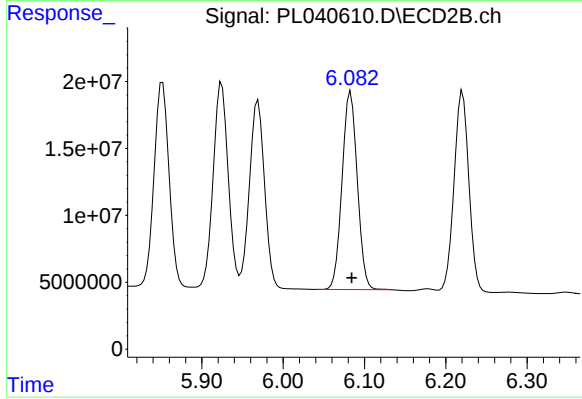
#11 alpha-Chlordane

R.T.: 5.924 min  
Delta R.T.: -0.001 min  
Response: 195541577  
Conc: 49.83 ng/ml



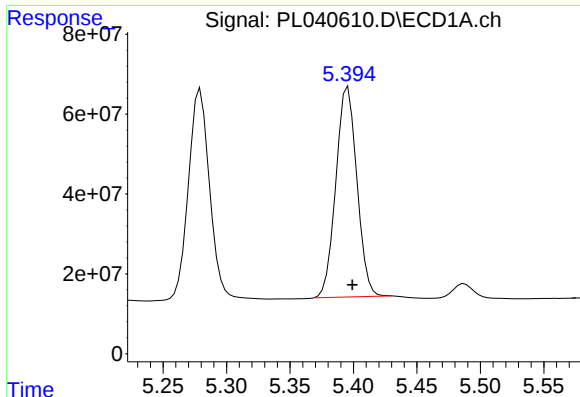
#12 4,4'-DDE

R.T.: 5.279 min  
Delta R.T.: -0.003 min  
Response: 612415573  
Conc: 55.41 ng/ml



#12 4,4'-DDE

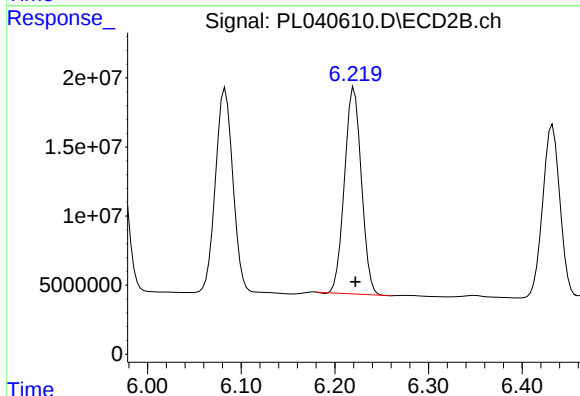
R.T.: 6.083 min  
Delta R.T.: -0.001 min  
Response: 191881401  
Conc: 47.66 ng/ml



#13 Dieldrin

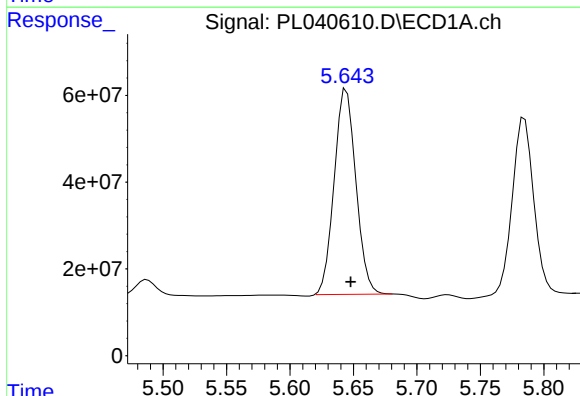
R.T.: 5.396 min  
Delta R.T.: -0.003 min  
Response: 607200529  
Conc: 55.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



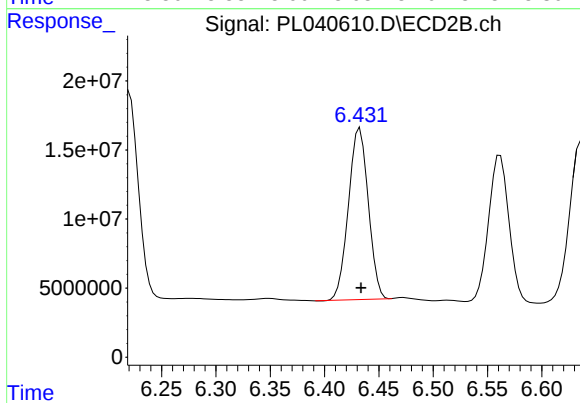
#13 Dieldrin

R.T.: 6.221 min  
Delta R.T.: -0.001 min  
Response: 187494069  
Conc: 49.08 ng/ml



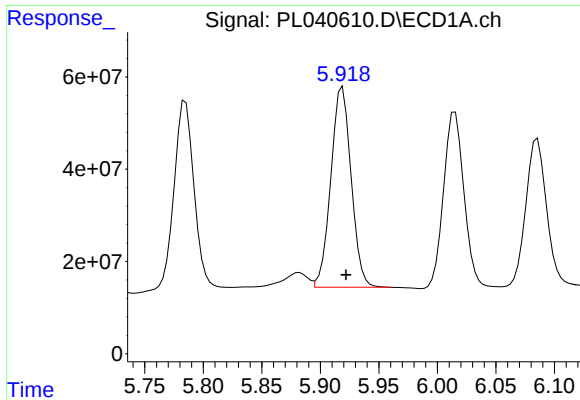
#14 Endrin

R.T.: 5.644 min  
Delta R.T.: -0.004 min  
Response: 563908475  
Conc: 56.77 ng/ml



#14 Endrin

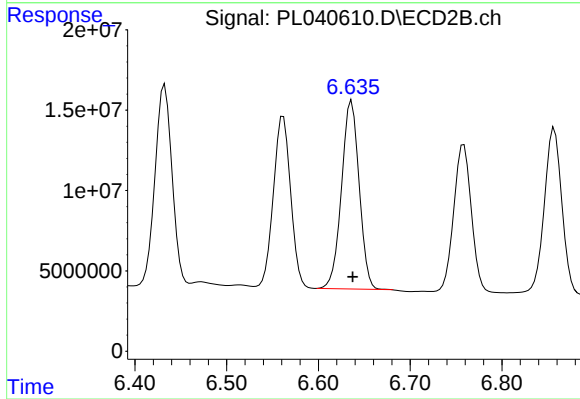
R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 157993278  
Conc: 48.36 ng/ml



#15 Endosulfan II

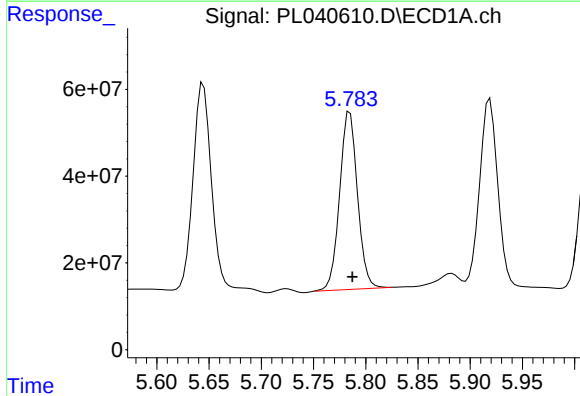
R.T.: 5.919 min  
Delta R.T.: -0.003 min  
Response: 523840783  
Conc: 52.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



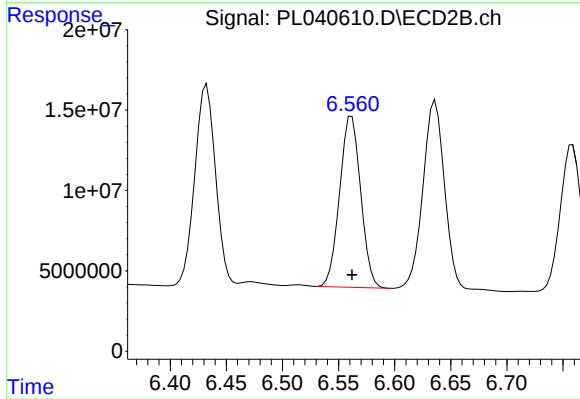
#15 Endosulfan II

R.T.: 6.636 min  
Delta R.T.: -0.001 min  
Response: 156059753  
Conc: 44.64 ng/ml



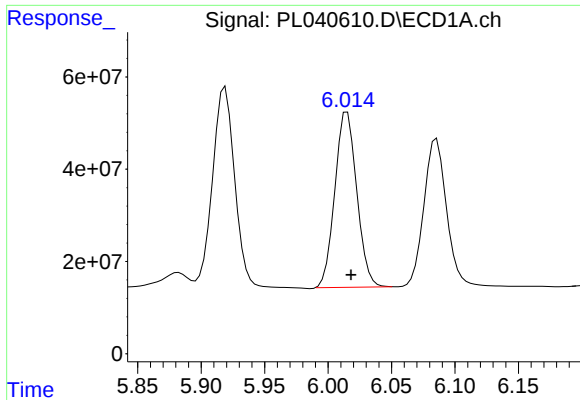
#16 4,4'-DDD

R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 485227961  
Conc: 52.56 ng/ml



#16 4,4'-DDD

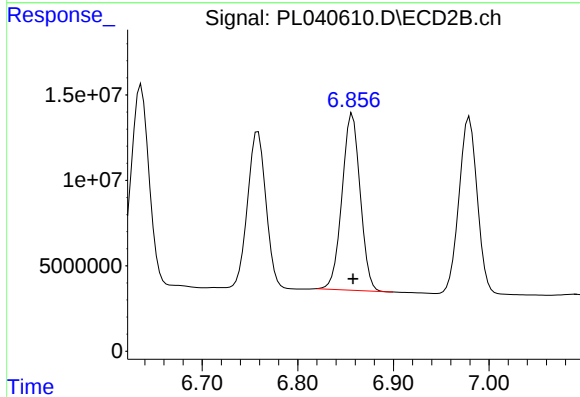
R.T.: 6.562 min  
Delta R.T.: 0.000 min  
Response: 139016452  
Conc: 43.76 ng/ml



#17 4,4'-DDT

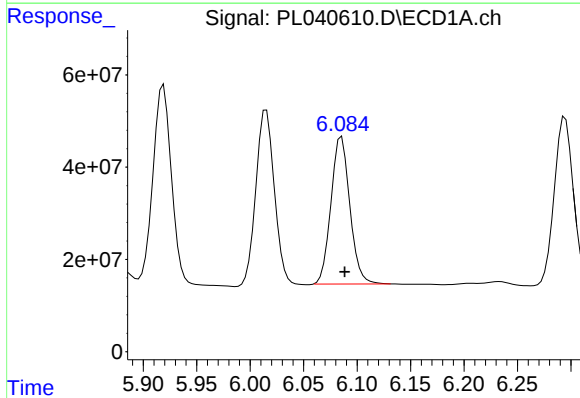
R.T.: 6.015 min  
Delta R.T.: -0.003 min  
Response: 457530580  
Conc: 56.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



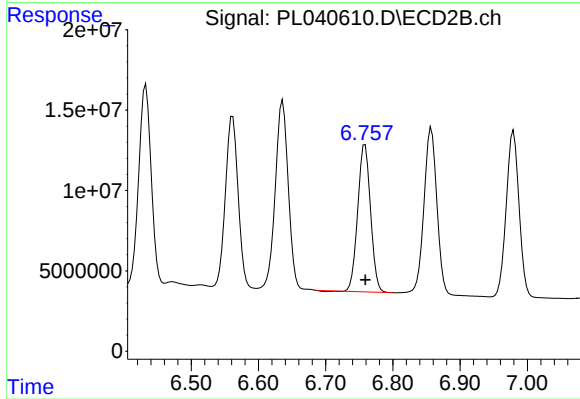
#17 4,4'-DDT

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 136809251  
Conc: 44.90 ng/ml



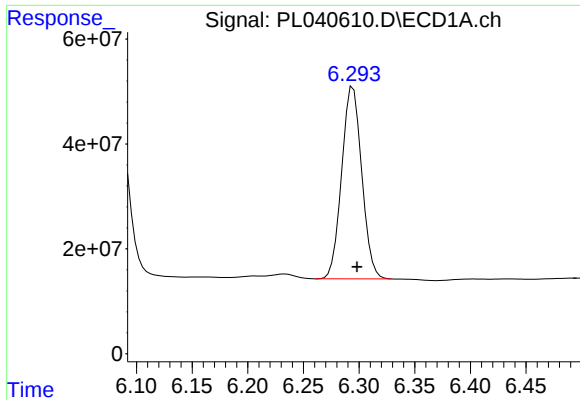
#18 Endrin aldehyde

R.T.: 6.085 min  
Delta R.T.: -0.003 min  
Response: 392031808  
Conc: 46.69 ng/ml



#18 Endrin aldehyde

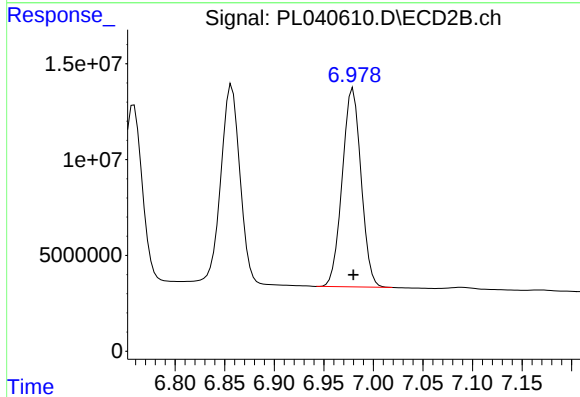
R.T.: 6.758 min  
Delta R.T.: 0.000 min  
Response: 121145192  
Conc: 40.47 ng/ml



#19 Endosulfan Sulfate

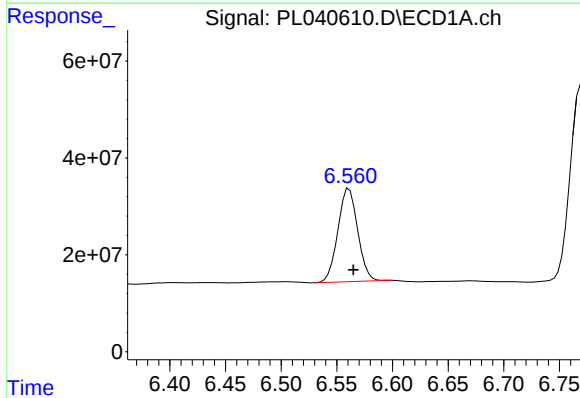
R.T.: 6.295 min  
Delta R.T.: -0.004 min  
Response: 459849572  
Conc: 48.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



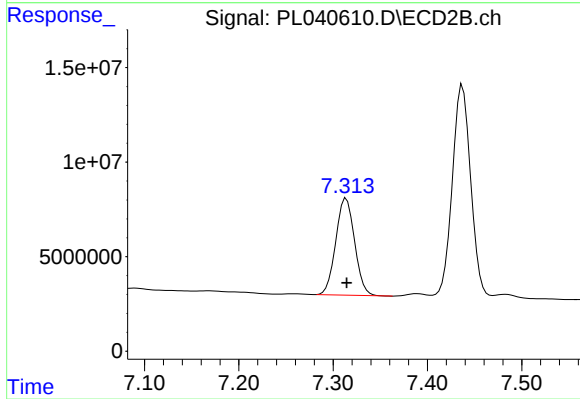
#19 Endosulfan Sulfate

R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 137223603  
Conc: 42.66 ng/ml



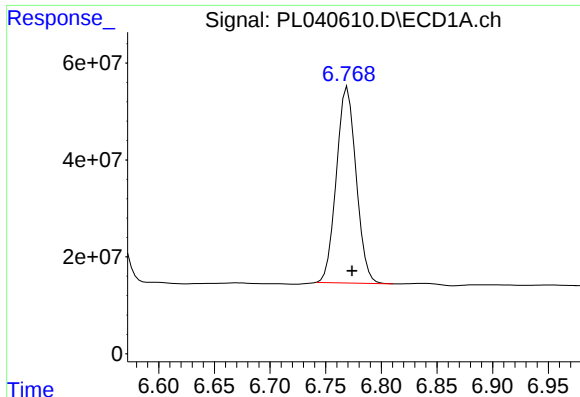
#20 Methoxychlor

R.T.: 6.561 min  
Delta R.T.: -0.004 min  
Response: 238810855  
Conc: 49.44 ng/ml



#20 Methoxychlor

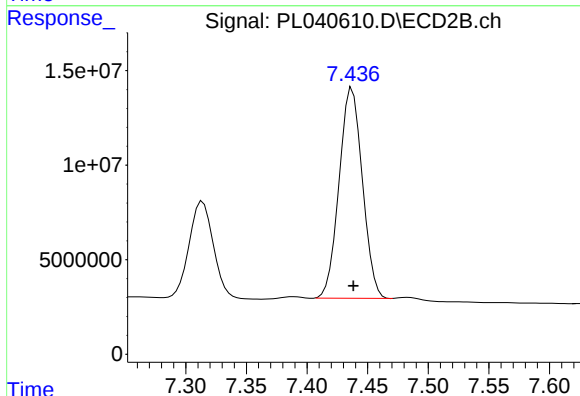
R.T.: 7.314 min  
Delta R.T.: 0.000 min  
Response: 71217578  
Conc: 46.73 ng/ml



#21 Endrin ketone

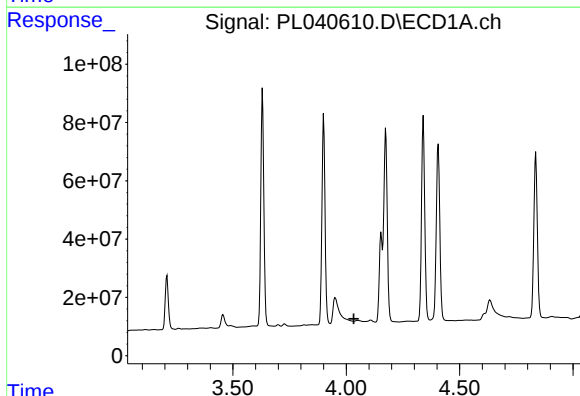
R.T.: 6.770 min  
Delta R.T.: -0.004 min  
Response: 499018313  
Conc: 45.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



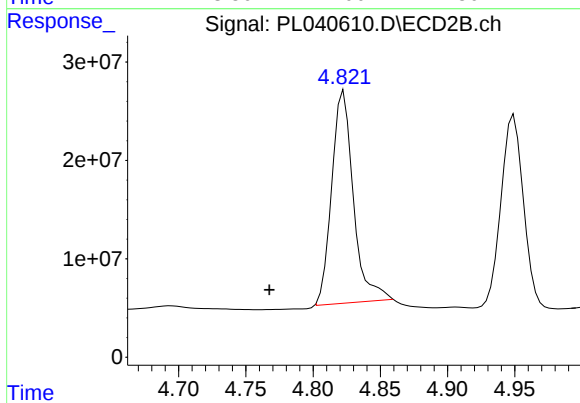
#21 Endrin ketone

R.T.: 7.437 min  
Delta R.T.: -0.001 min  
Response: 148743529  
Conc: 48.39 ng/ml



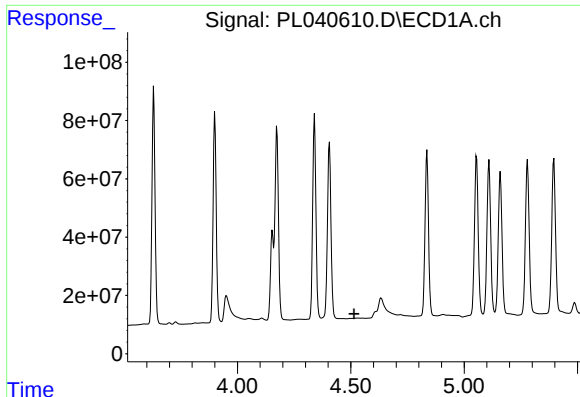
#23 Chlordane-1

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



#23 Chlordane-1

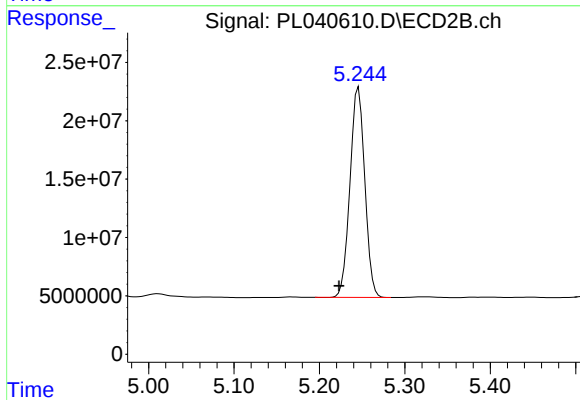
R.T.: 4.823 min  
Delta R.T.: 0.055 min  
Response: 241535581  
Conc: 1565.09 ng/ml



#24 Chlordane-2

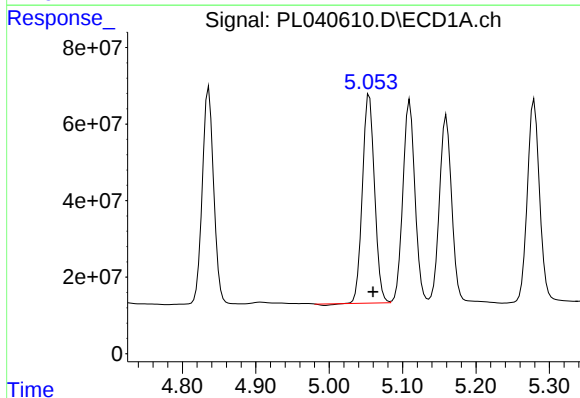
R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



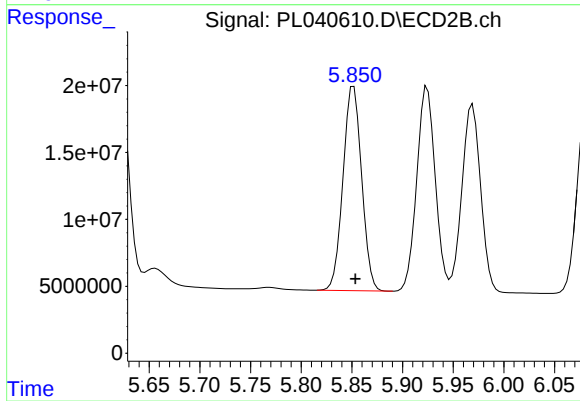
#24 Chlordane-2

R.T.: 5.246 min  
Delta R.T.: 0.023 min  
Response: 216804499  
Conc: 1288.45 ng/ml



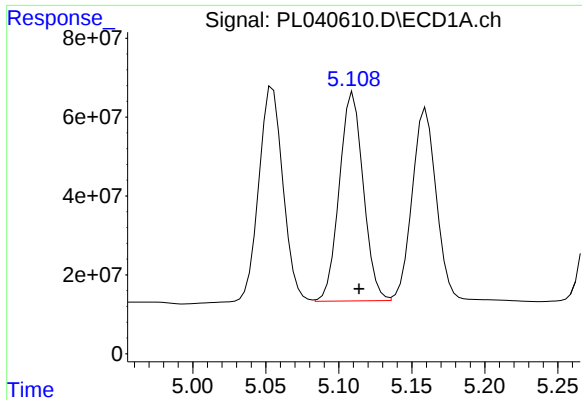
#25 Chlordane-3

R.T.: 5.055 min  
Delta R.T.: -0.005 min  
Response: 623766597  
Conc: 485.59 ng/ml



#25 Chlordane-3

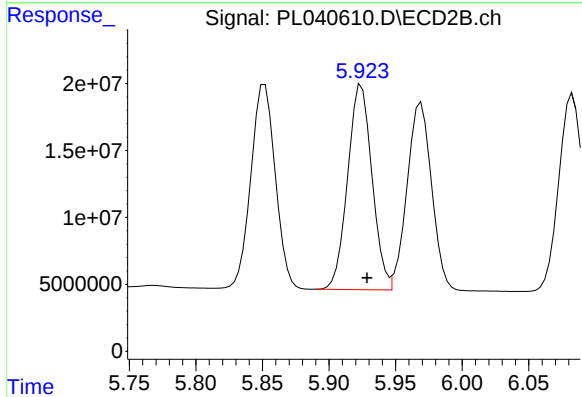
R.T.: 5.852 min  
Delta R.T.: -0.002 min  
Response: 195008034  
Conc: 349.66 ng/ml



#26 Chlordane-4

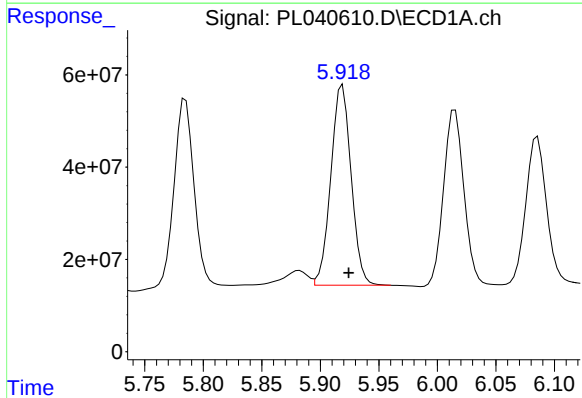
R.T.: 5.110 min  
Delta R.T.: -0.004 min  
Response: 604079728  
Conc: 509.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



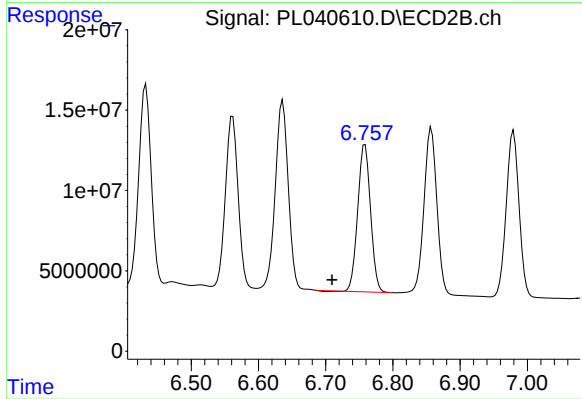
#26 Chlordane-4

R.T.: 5.924 min  
Delta R.T.: -0.004 min  
Response: 195541577  
Conc: 296.29 ng/ml



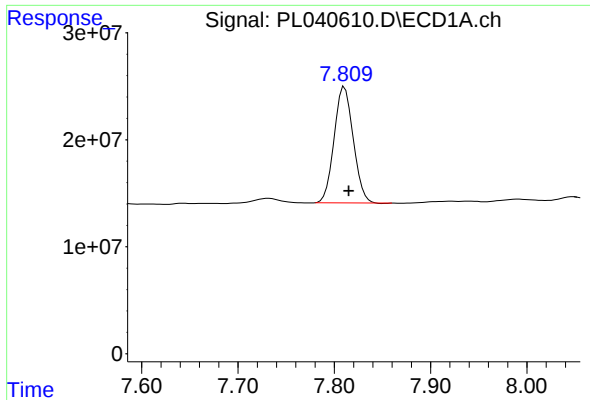
#27 Chlordane-5

R.T.: 5.919 min  
Delta R.T.: -0.005 min  
Response: 523840783  
Conc: 1297.75 ng/ml



#27 Chlordane-5

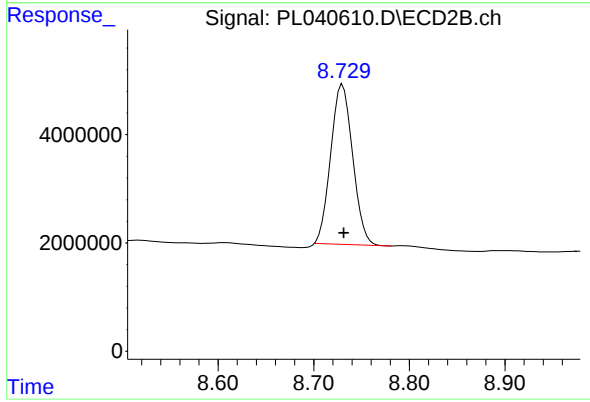
R.T.: 6.758 min  
Delta R.T.: 0.049 min  
Response: 121145192  
Conc: 994.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.811 min  
Delta R.T.: -0.004 min  
Response: 149741481  
Conc: 15.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: -0.001 min  
Response: 46978281  
Conc: 14.83 ng/ml