

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091820\  
 Data File : PL061594.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2020 15:59  
 Operator : DD\AJ  
 Sample : L4073-01MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 H-1MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 18 17:43:03 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 01:27:38 2020  
 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... | 3.464 | 4.009  | 29758692 | 52786164 | 17.255   | 17.161     |
| 28)                         | SA Decachlor... | 8.216 | 9.100  | 29533821 | 39536672 | 17.703   | 16.720     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.900 | 4.399  | 92043757 | 174.9E6  | 35.967   | 37.872     |
| 3)                          | MA gamma-BHC... | 4.184 | 4.685  | 82452579 | 166.3E6  | 36.126   | 38.756     |
| 4)                          | MA Heptachlor   | 4.485 | 5.196  | 81888571 | 152.1E6  | 38.167   | 38.918     |
| 5)                          | MB Aldrin       | 4.733 | 5.502  | 77106183 | 151.9E6  | 40.160   | 40.197     |
| 6)                          | B beta-BHC      | 4.435 | 4.858  | 34131445 | 54574960 | 35.532   | 31.251     |
| 7)                          | B delta-BHC     | 4.639 | 5.074  | 66275254 | 93073168 | 30.595   | 29.181     |
| 8)                          | B Heptachlo...  | 5.176 | 5.890  | 71620387 | 101.1E6  | 38.438   | 33.868     |
| 9)                          | A Endosulfan I  | 5.516 | 6.248  | 67105334 | 118.8E6  | 39.005   | 37.040     |
| 10)                         | B gamma-Chl...  | 5.404 | 6.125  | 71640731 | 126.1E6  | 38.671   | 36.575     |
| 11)                         | B alpha-Chl...  | 5.461 | 6.198  | 75785902 | 130.8E6  | 40.910   | 37.573     |
| 12)                         | B 4,4'-DDE      | 5.626 | 6.355  | 61934105 | 100.1E6  | 36.423   | 31.235     |
| 13)                         | MA Dieldrin     | 5.757 | 6.507  | 78924312 | 110.4E6  | 43.969   | 33.670     |
| 14)                         | MA Endrin       | 6.014 | 6.725  | 62502793 | 90017655 | 37.192   | 32.194     |
| 15)                         | B Endosulfa...  | 6.287 | 6.934  | 61220035 | 92857580 | 35.784   | 31.436     |
| 16)                         | A 4,4'-DDD      | 6.142 | 6.848  | 44116121 | 94527652 | 30.527   | 36.810     |
| 17)                         | MA 4,4'-DDT     | 6.382 | 7.148  | 48706553 | 86697651 | 35.472   | 34.636     |
| 18)                         | B Endrin al...  | 6.455 | 7.059  | 29800549 | 47017740 | 20.244   | 19.218     |
| 19)                         | B Endosulfa...  | 6.668 | 7.283  | 37382536 | 58050967 | 22.714   | 21.220     |
| 20)                         | A Methoxychlor  | 6.928 | 7.608  | 22115172 | 43156982 | 25.834   | 30.003     |
| 21)                         | B Endrin ke...  | 7.157 | 7.754  | 45888967 | 74428757 | 25.094   | 27.416     |
| 22)                         | Mirex           | 7.346 | 8.211  | 45841634 | 72414657 | 30.658   | 37.608     |
| 23)                         | Chlordane-1     | 4.331 | 0.000  | 3270580  | 0        | 62.348   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.502f | 0        | 151.9E6  | N.D.     | 1243.577 # |
| 25)                         | Chlordane-3     | 5.404 | 6.125  | 71640731 | 126.1E6  | 431.969  | 291.889 #  |
| 26)                         | Chlordane-4     | 5.461 | 6.198  | 75785902 | 130.8E6  | 550.586  | 249.782 #  |
| 27)                         | Chlordane-5     | 6.287 | 0.000  | 61220035 | 0        | 1089.192 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

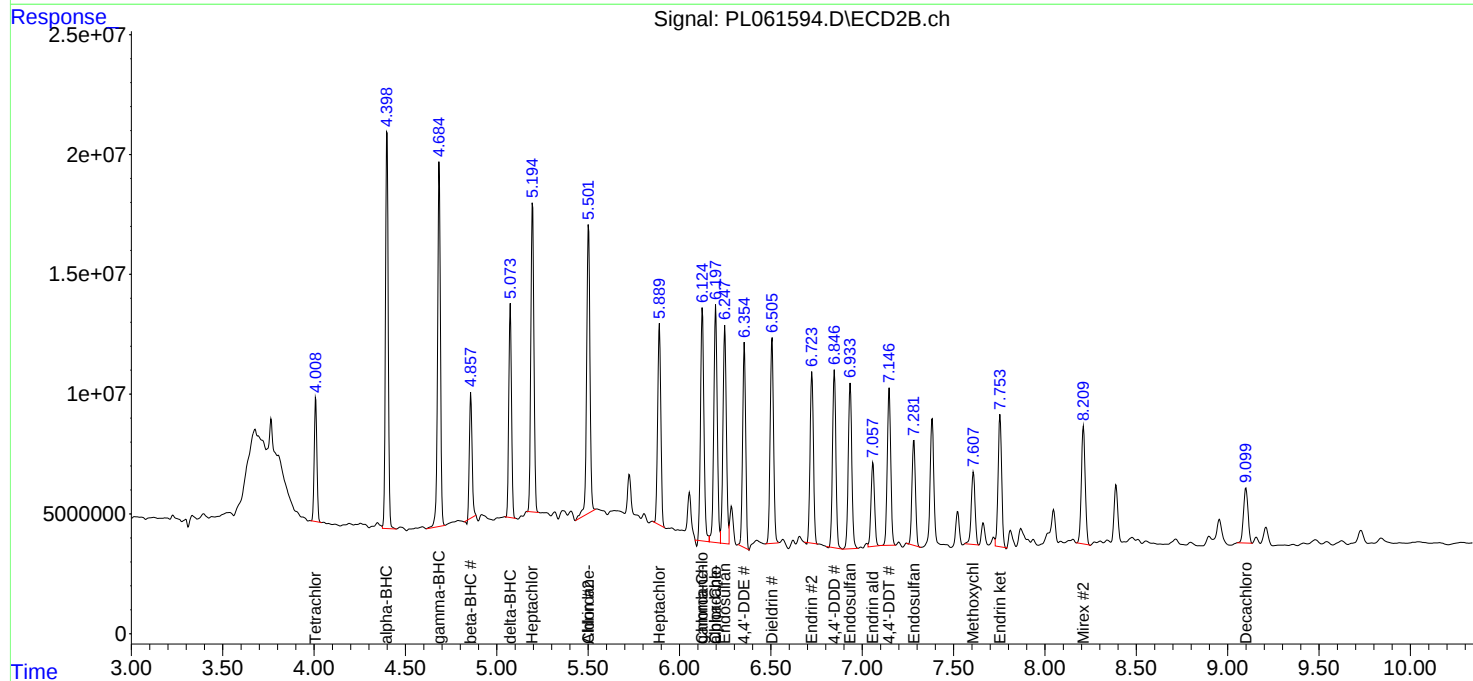
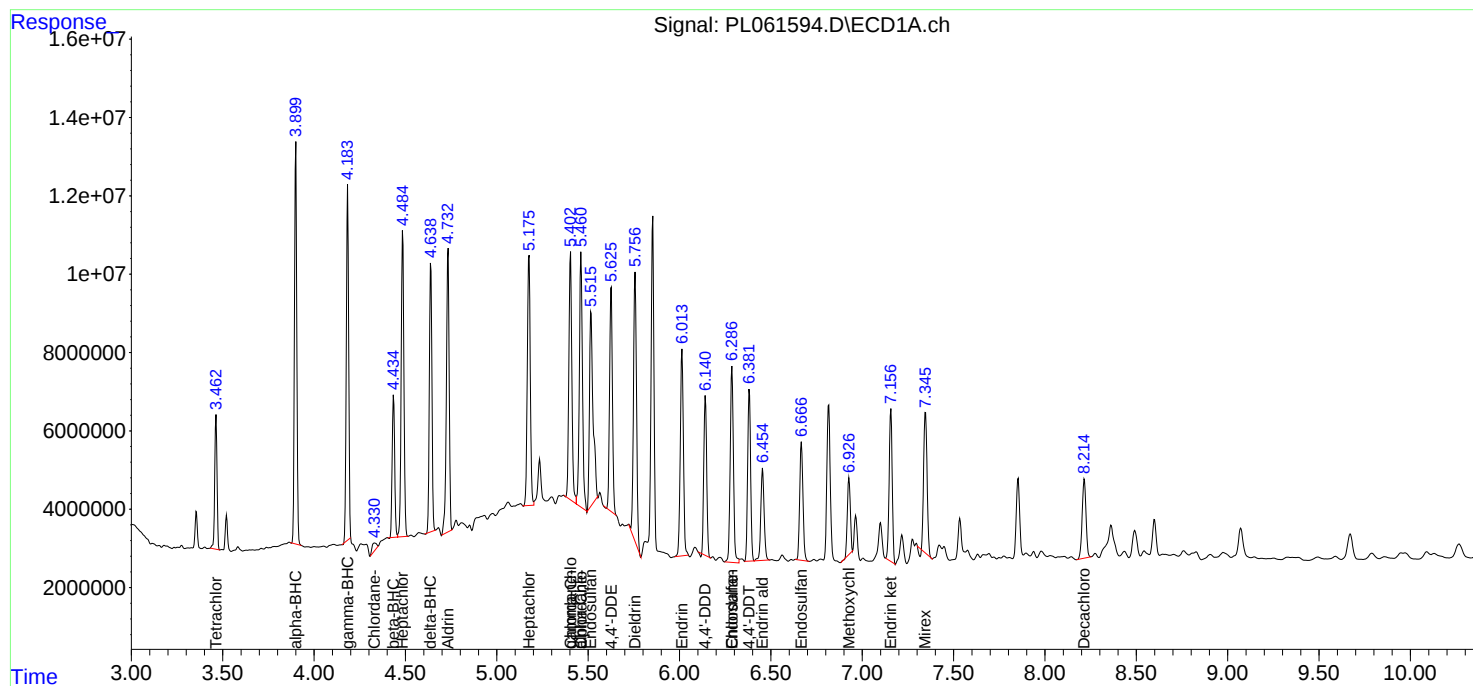
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

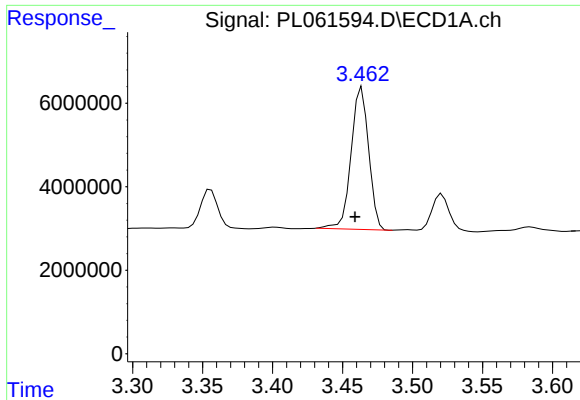
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091820\  
Data File : PL061594.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Sep 2020 15:59  
Operator : DD\AJ  
Sample : L4073-01MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 18 17:43:03 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 09 01:27:38 2020  
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

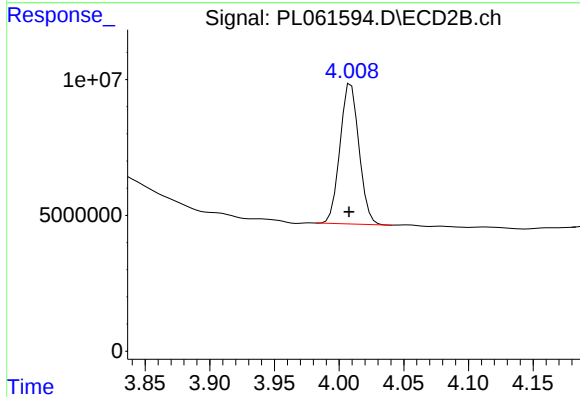




#1 Tetrachloro-m-xylene

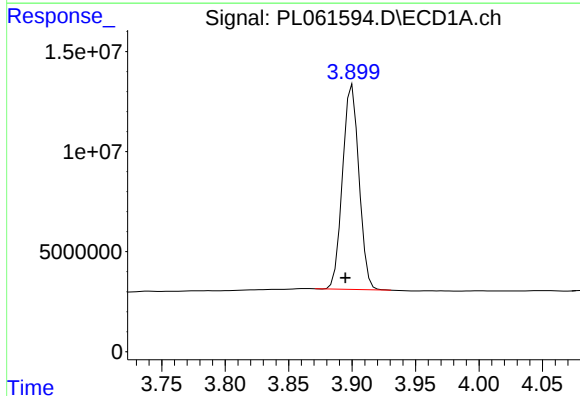
R.T.: 3.464 min  
Delta R.T.: 0.005 min  
Response: 29758692  
Conc: 17.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



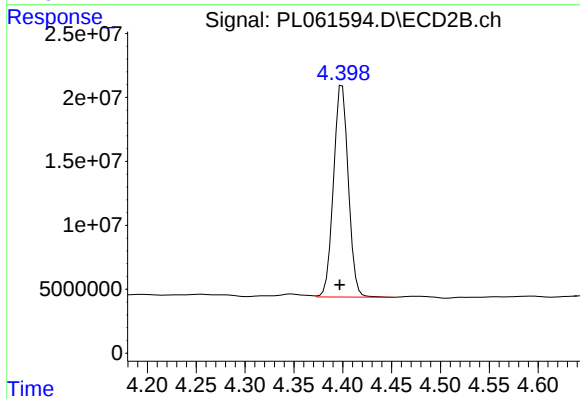
#1 Tetrachloro-m-xylene

R.T.: 4.009 min  
Delta R.T.: 0.002 min  
Response: 52786164  
Conc: 17.16 ng/ml



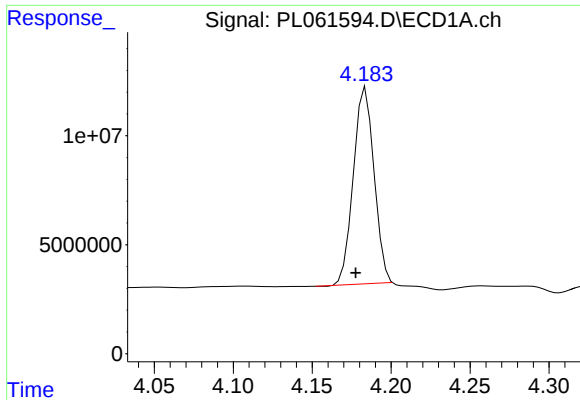
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: 0.005 min  
Response: 92043757  
Conc: 35.97 ng/ml



#2 alpha-BHC

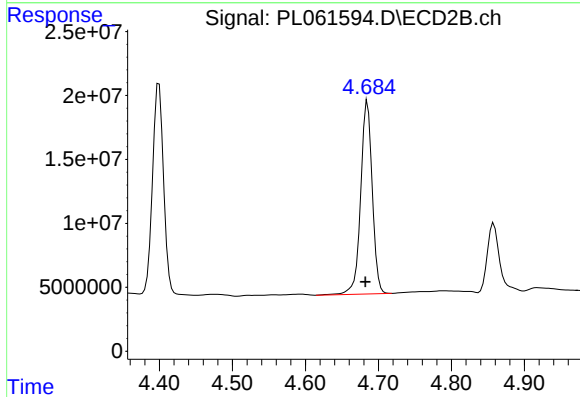
R.T.: 4.399 min  
Delta R.T.: 0.002 min  
Response: 174898004  
Conc: 37.87 ng/ml



#3 gamma-BHC (Lindane)

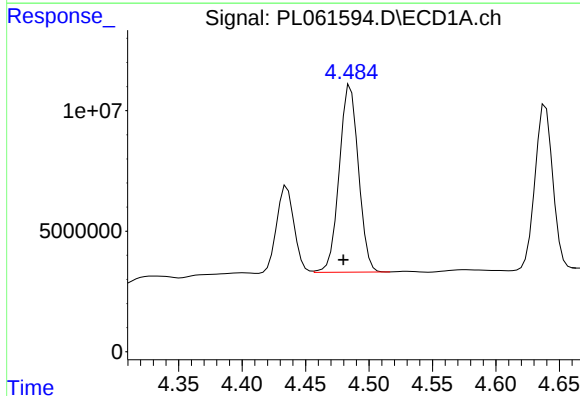
R.T.: 4.184 min  
Delta R.T.: 0.006 min  
Response: 82452579  
Conc: 36.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



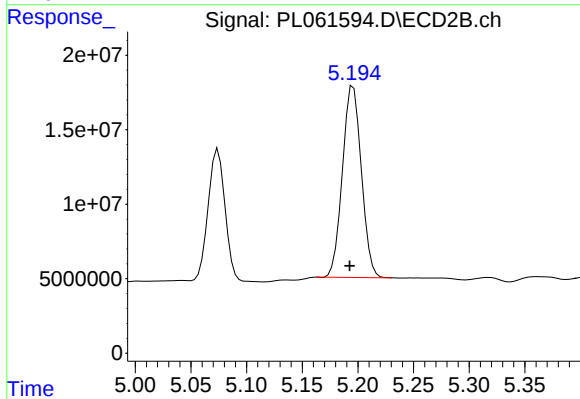
#3 gamma-BHC (Lindane)

R.T.: 4.685 min  
Delta R.T.: 0.003 min  
Response: 166275888  
Conc: 38.76 ng/ml



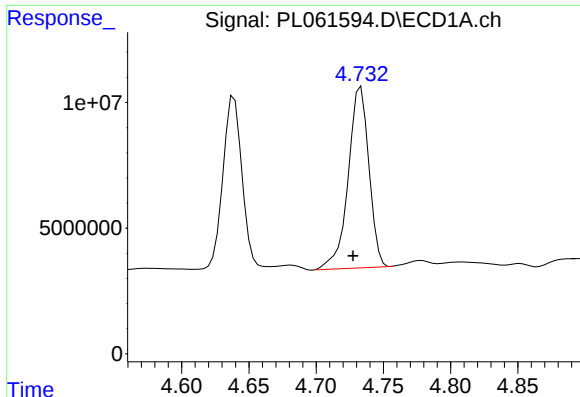
#4 Heptachlor

R.T.: 4.485 min  
Delta R.T.: 0.006 min  
Response: 81888571  
Conc: 38.17 ng/ml



#4 Heptachlor

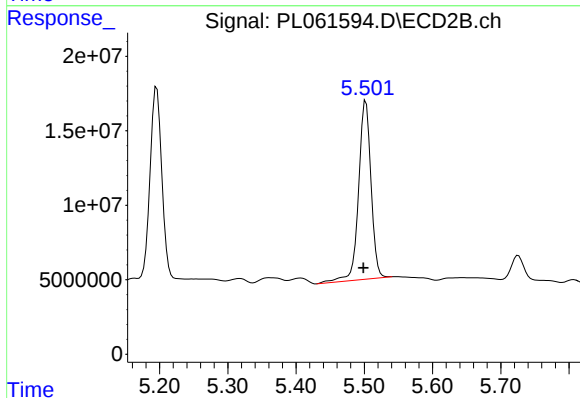
R.T.: 5.196 min  
Delta R.T.: 0.003 min  
Response: 152139670  
Conc: 38.92 ng/ml



#5 Aldrin

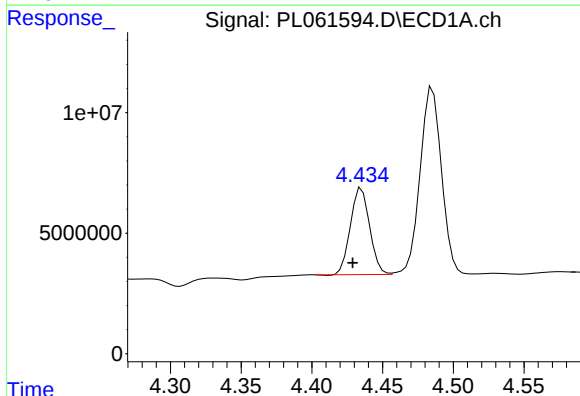
R.T.: 4.733 min  
Delta R.T.: 0.006 min  
Response: 77106183  
Conc: 40.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



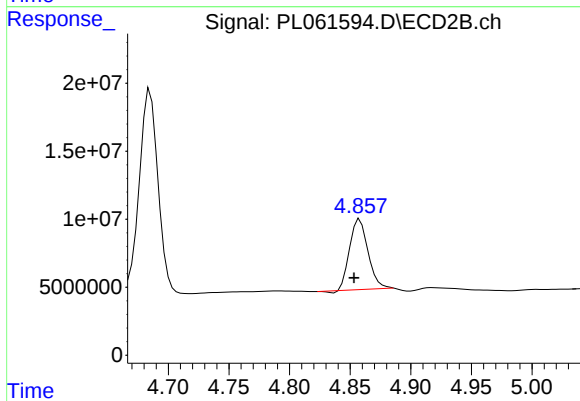
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: 0.004 min  
Response: 151886975  
Conc: 40.20 ng/ml



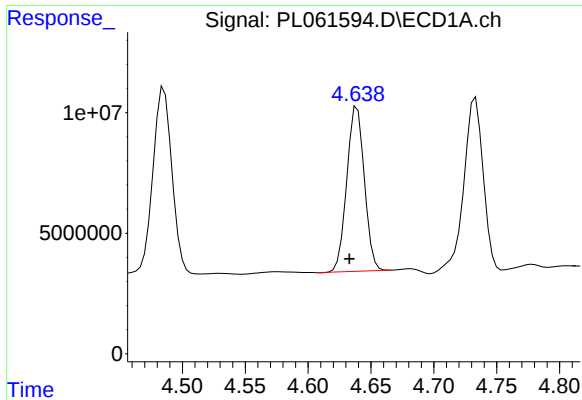
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: 0.006 min  
Response: 34131445  
Conc: 35.53 ng/ml



#6 beta-BHC

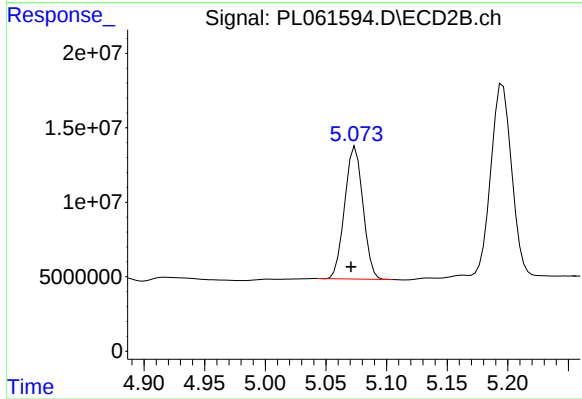
R.T.: 4.858 min  
Delta R.T.: 0.005 min  
Response: 54574960  
Conc: 31.25 ng/ml



#7 delta-BHC

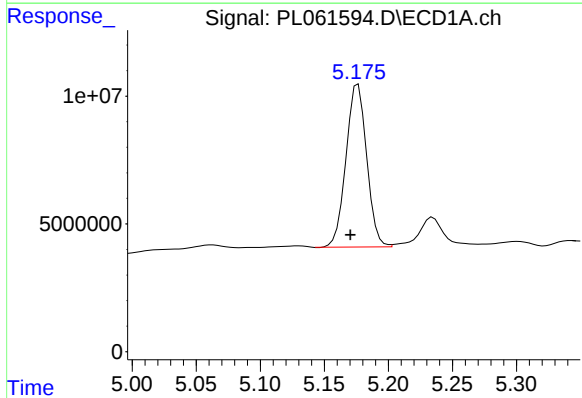
R.T.: 4.639 min  
Delta R.T.: 0.006 min  
Response: 66275254  
Conc: 30.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



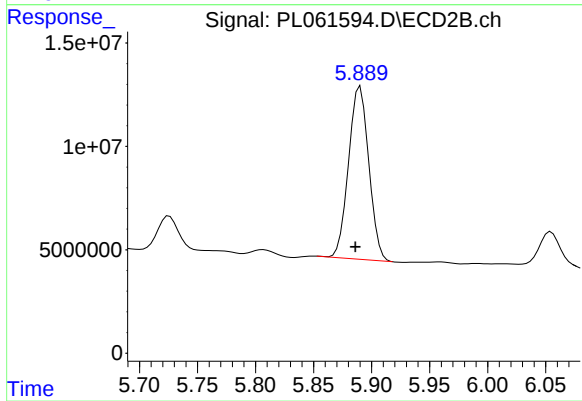
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: 0.003 min  
Response: 93073168  
Conc: 29.18 ng/ml



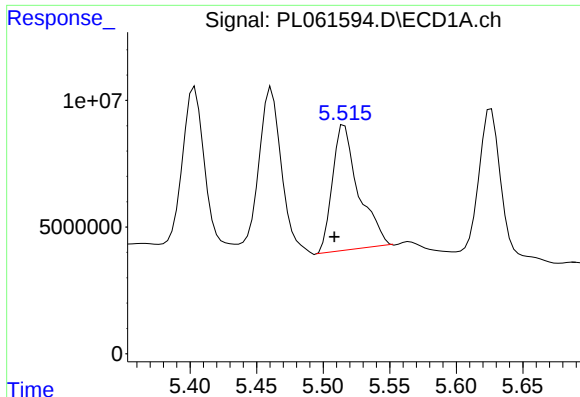
#8 Heptachlor epoxide

R.T.: 5.176 min  
Delta R.T.: 0.006 min  
Response: 71620387  
Conc: 38.44 ng/ml



#8 Heptachlor epoxide

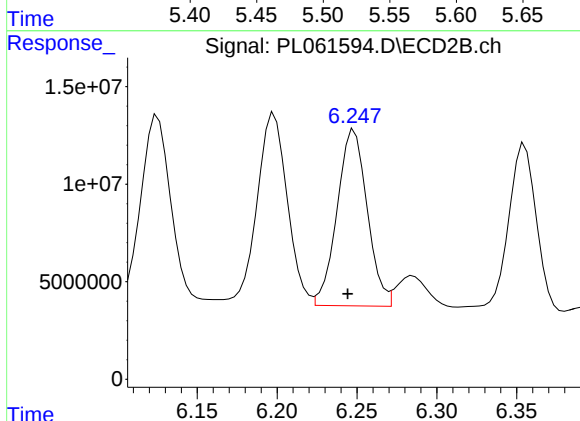
R.T.: 5.890 min  
Delta R.T.: 0.004 min  
Response: 101126247  
Conc: 33.87 ng/ml



#9 Endosulfan I

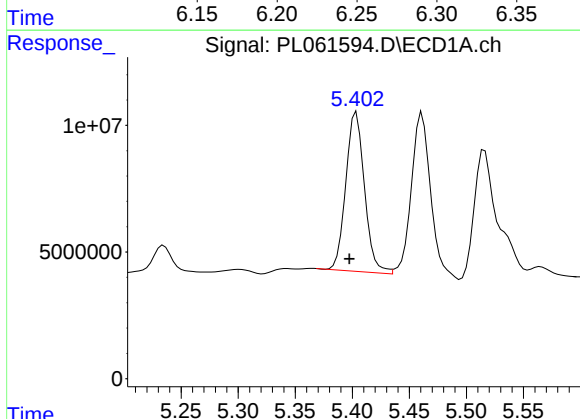
R.T.: 5.516 min  
Delta R.T.: 0.008 min  
Response: 67105334  
Conc: 39.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



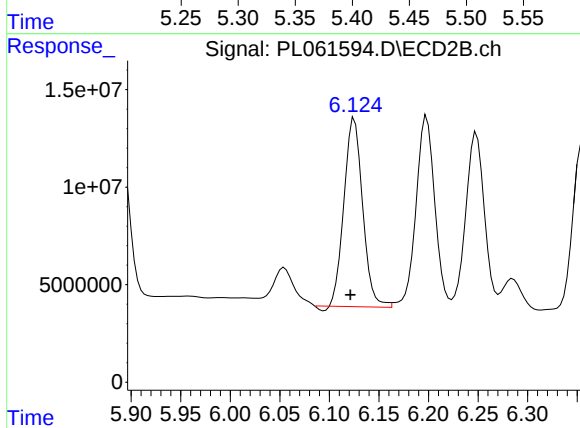
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: 0.004 min  
Response: 118818845  
Conc: 37.04 ng/ml



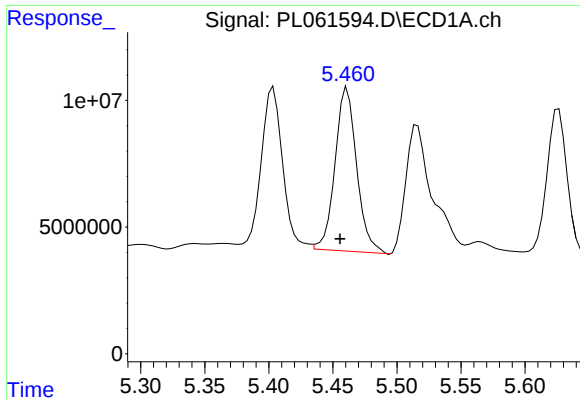
#10 gamma-Chlordane

R.T.: 5.404 min  
Delta R.T.: 0.006 min  
Response: 71640731  
Conc: 38.67 ng/ml



#10 gamma-Chlordane

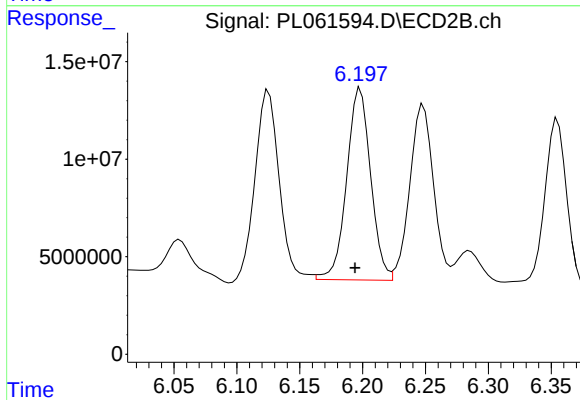
R.T.: 6.125 min  
Delta R.T.: 0.004 min  
Response: 126089633  
Conc: 36.58 ng/ml



#11 alpha-Chlordane

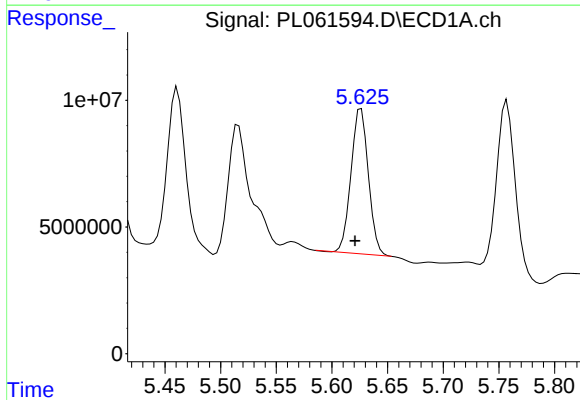
R.T.: 5.461 min  
Delta R.T.: 0.006 min  
Response: 75785902  
Conc: 40.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



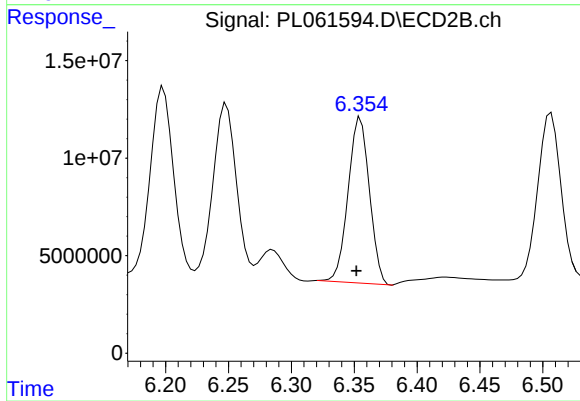
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.004 min  
Response: 130754385  
Conc: 37.57 ng/ml



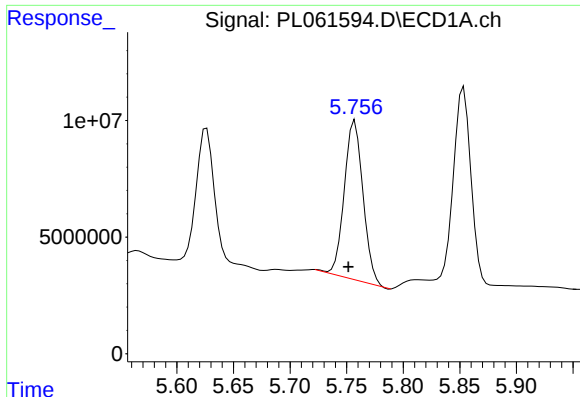
#12 4,4'-DDE

R.T.: 5.626 min  
Delta R.T.: 0.006 min  
Response: 61934105  
Conc: 36.42 ng/ml



#12 4,4'-DDE

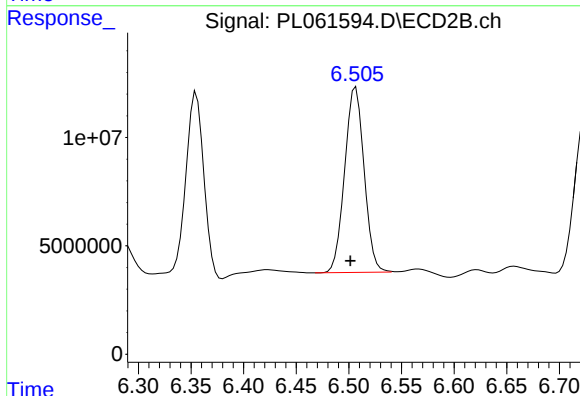
R.T.: 6.355 min  
Delta R.T.: 0.003 min  
Response: 100123237  
Conc: 31.24 ng/ml



#13 Dieldrin

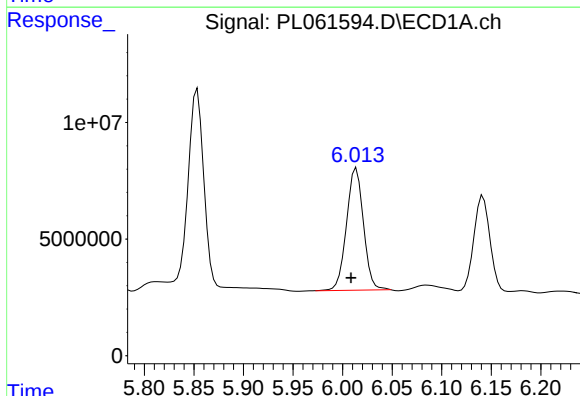
R.T.: 5.757 min  
Delta R.T.: 0.006 min  
Response: 78924312  
Conc: 43.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



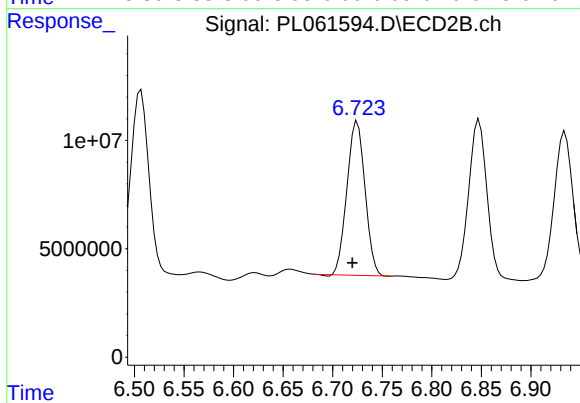
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.005 min  
Response: 110394156  
Conc: 33.67 ng/ml



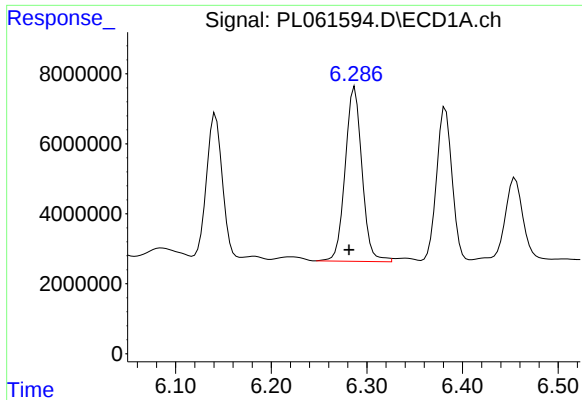
#14 Endrin

R.T.: 6.014 min  
Delta R.T.: 0.005 min  
Response: 62502793  
Conc: 37.19 ng/ml



#14 Endrin

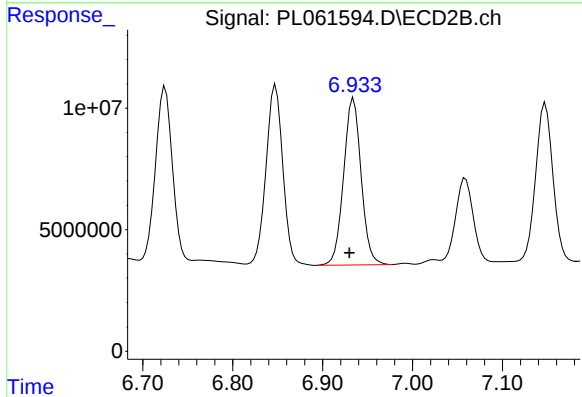
R.T.: 6.725 min  
Delta R.T.: 0.005 min  
Response: 90017655  
Conc: 32.19 ng/ml



#15 Endosulfan II

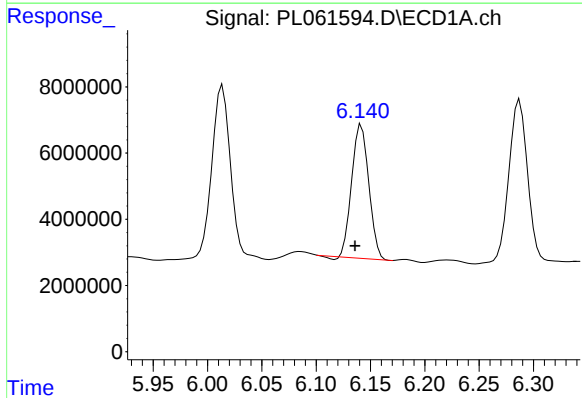
R.T.: 6.287 min  
Delta R.T.: 0.006 min  
Response: 61220035  
Conc: 35.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



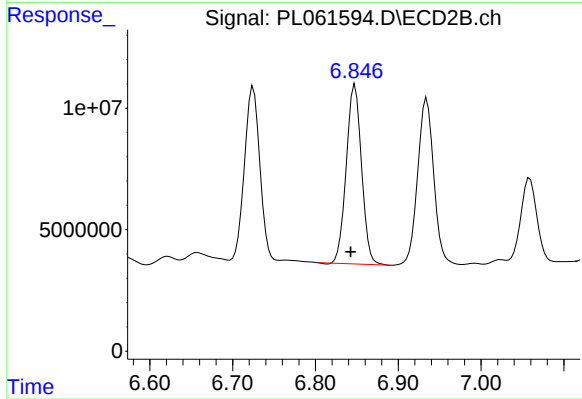
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.005 min  
Response: 92857580  
Conc: 31.44 ng/ml



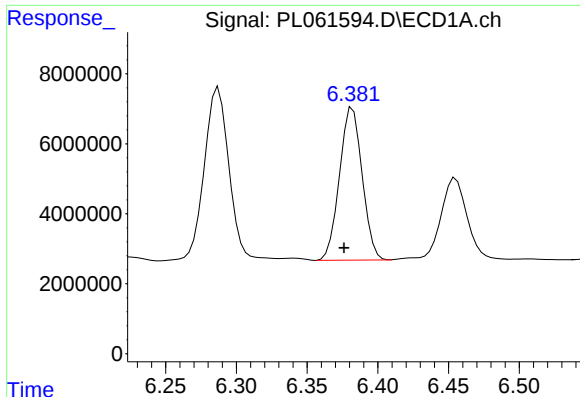
#16 4,4'-DDD

R.T.: 6.142 min  
Delta R.T.: 0.006 min  
Response: 44116121  
Conc: 30.53 ng/ml



#16 4,4'-DDD

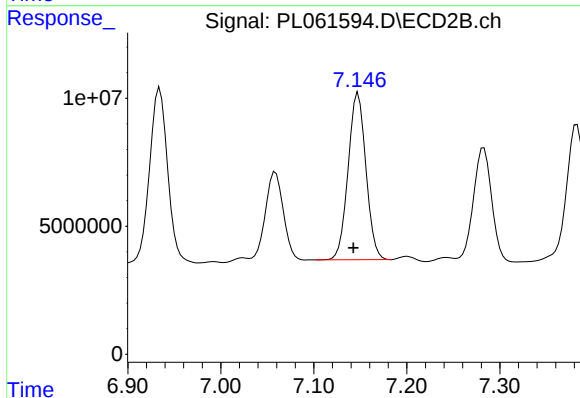
R.T.: 6.848 min  
Delta R.T.: 0.005 min  
Response: 94527652  
Conc: 36.81 ng/ml



#17 4,4'-DDT

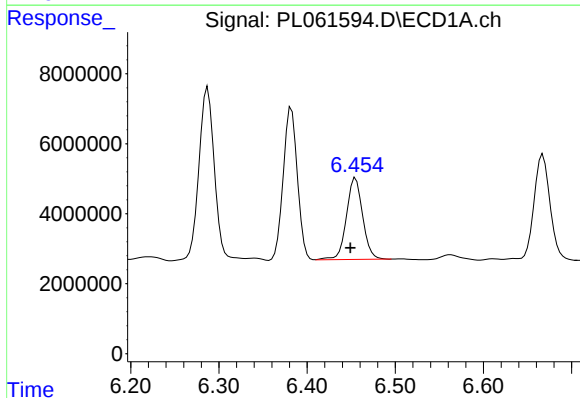
R.T.: 6.382 min  
Delta R.T.: 0.006 min  
Response: 48706553  
Conc: 35.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



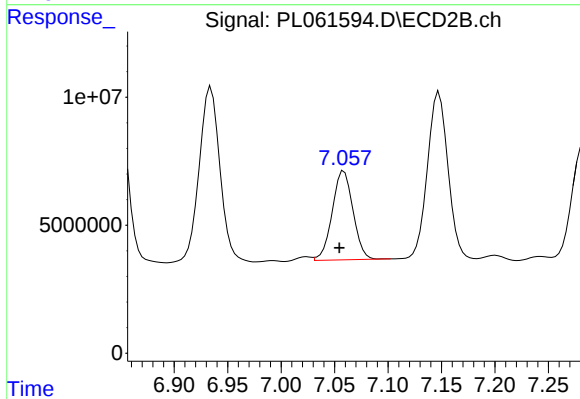
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.005 min  
Response: 86697651  
Conc: 34.64 ng/ml



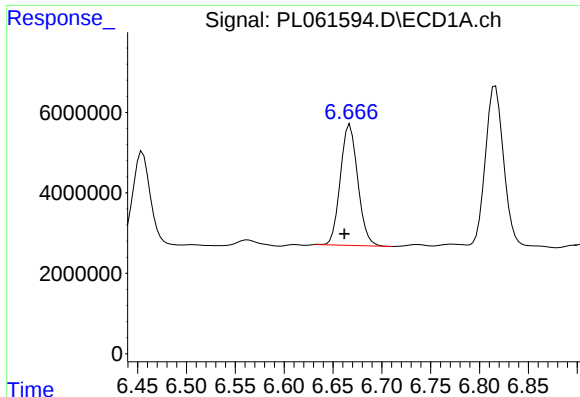
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.006 min  
Response: 29800549  
Conc: 20.24 ng/ml



#18 Endrin aldehyde

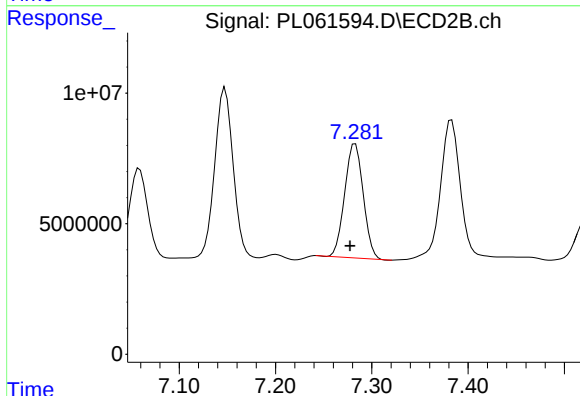
R.T.: 7.059 min  
Delta R.T.: 0.004 min  
Response: 47017740  
Conc: 19.22 ng/ml



#19 Endosulfan Sulfate

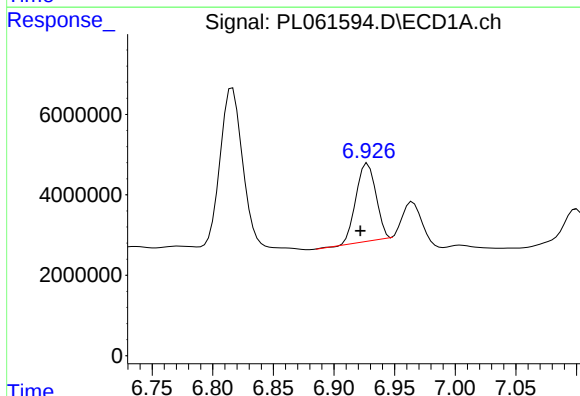
R.T.: 6.668 min  
Delta R.T.: 0.006 min  
Response: 37382536  
Conc: 22.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



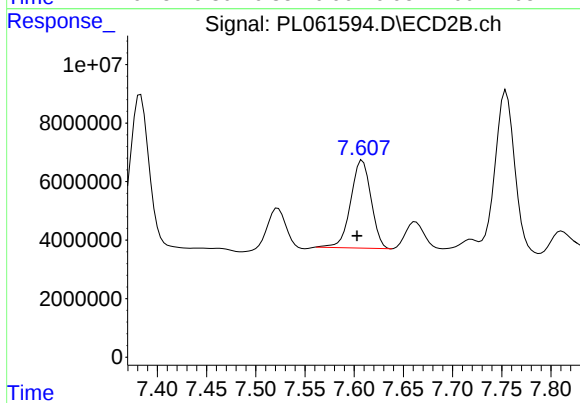
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.005 min  
Response: 58050967  
Conc: 21.22 ng/ml



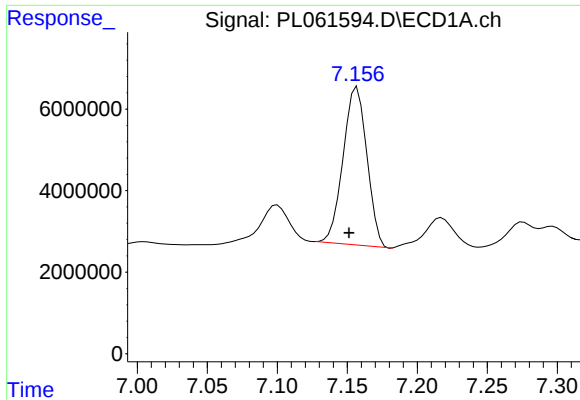
#20 Methoxychlor

R.T.: 6.928 min  
Delta R.T.: 0.006 min  
Response: 22115172  
Conc: 25.83 ng/ml



#20 Methoxychlor

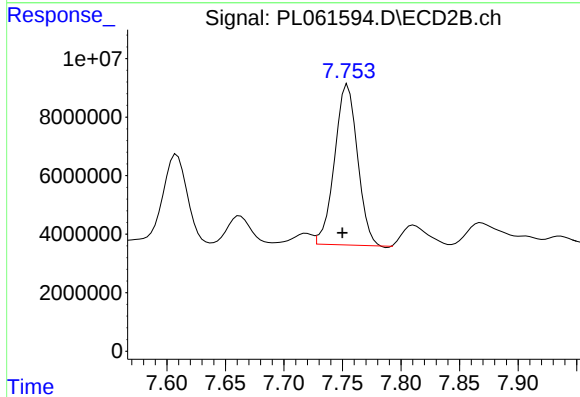
R.T.: 7.608 min  
Delta R.T.: 0.006 min  
Response: 43156982  
Conc: 30.00 ng/ml



#21 Endrin ketone

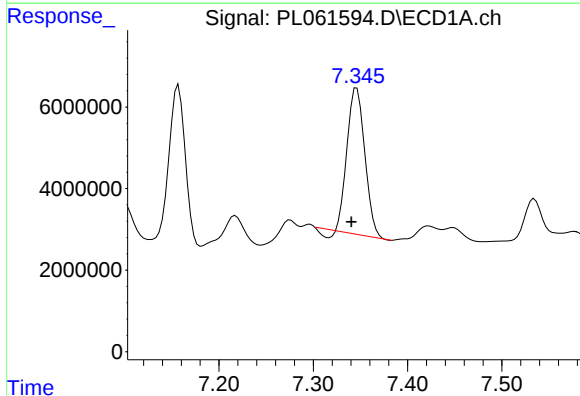
R.T.: 7.157 min  
Delta R.T.: 0.006 min  
Response: 45888967  
Conc: 25.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



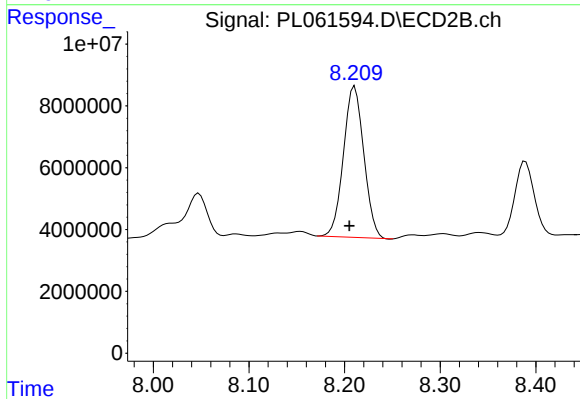
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.004 min  
Response: 74428757  
Conc: 27.42 ng/ml



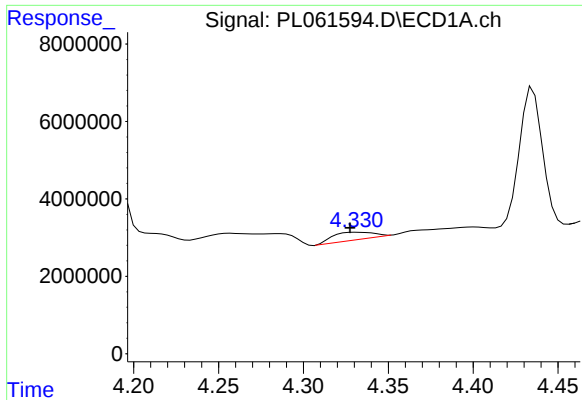
#22 Mirex

R.T.: 7.346 min  
Delta R.T.: 0.006 min  
Response: 45841634  
Conc: 30.66 ng/ml



#22 Mirex

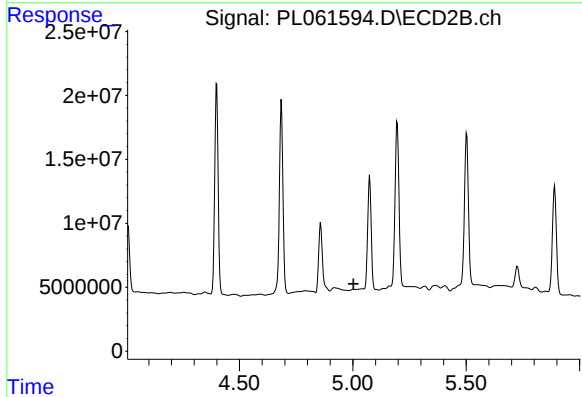
R.T.: 8.211 min  
Delta R.T.: 0.005 min  
Response: 72414657  
Conc: 37.61 ng/ml



#23 Chlordane-1

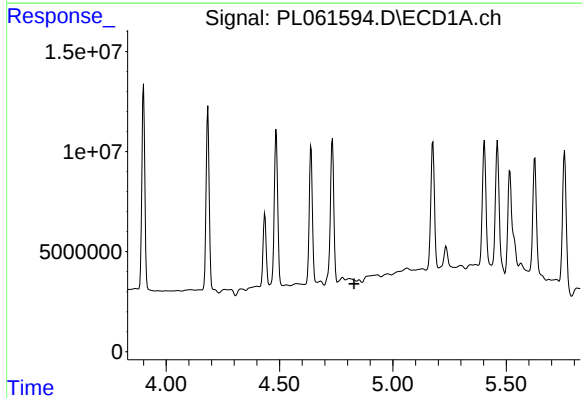
R.T.: 4.331 min  
Delta R.T.: 0.004 min  
Response: 3270580  
Conc: 62.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



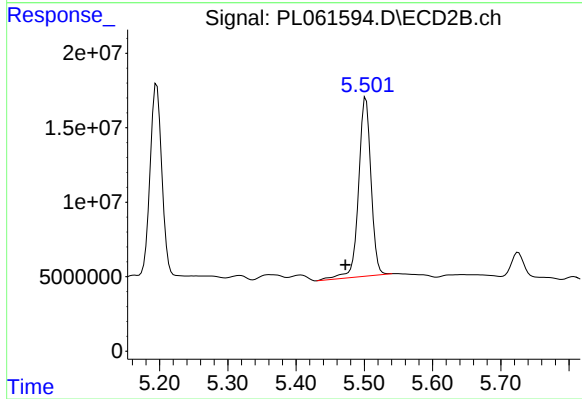
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.004 min  
Response: 0  
Conc: N.D.



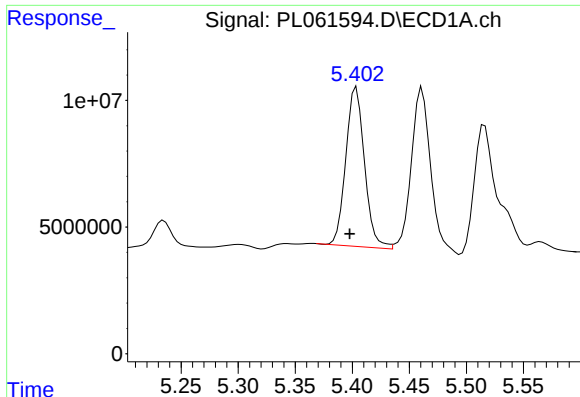
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.829 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

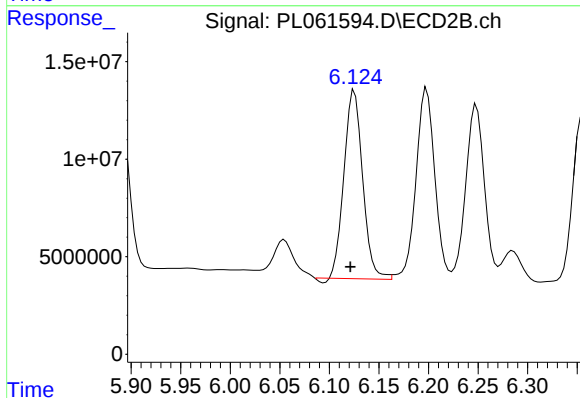
R.T.: 5.502 min  
Delta R.T.: 0.030 min  
Response: 151886975  
Conc: 1243.58 ng/ml



#25 Chlordane-3

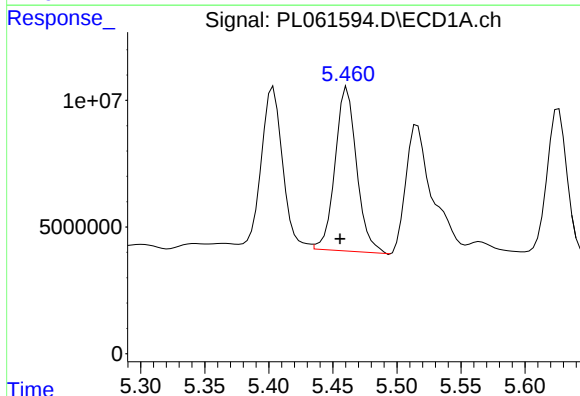
R.T.: 5.404 min  
Delta R.T.: 0.006 min  
Response: 71640731  
Conc: 431.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



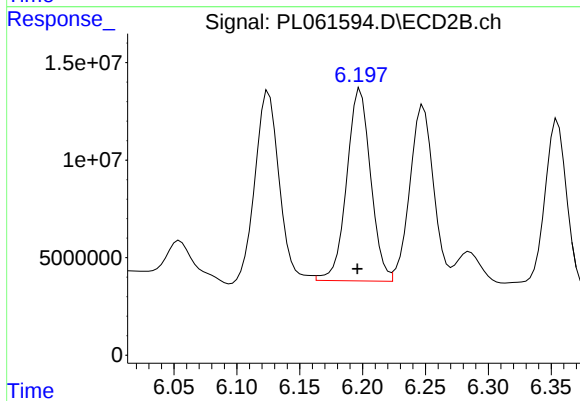
#25 Chlordane-3

R.T.: 6.125 min  
Delta R.T.: 0.004 min  
Response: 126089633  
Conc: 291.89 ng/ml



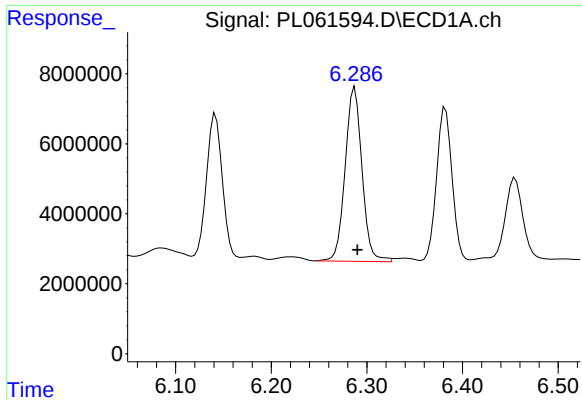
#26 Chlordane-4

R.T.: 5.461 min  
Delta R.T.: 0.006 min  
Response: 75785902  
Conc: 550.59 ng/ml



#26 Chlordane-4

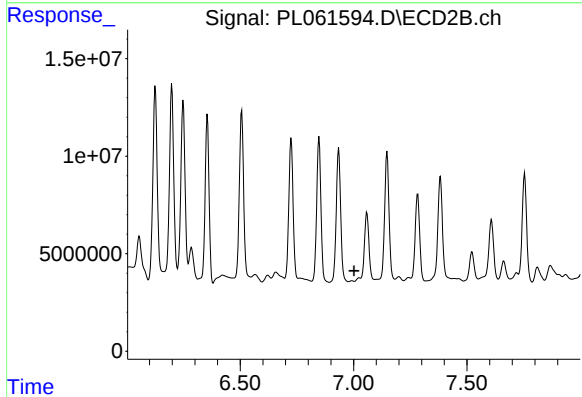
R.T.: 6.198 min  
Delta R.T.: 0.002 min  
Response: 130754385  
Conc: 249.78 ng/ml



#27 Chlordane-5

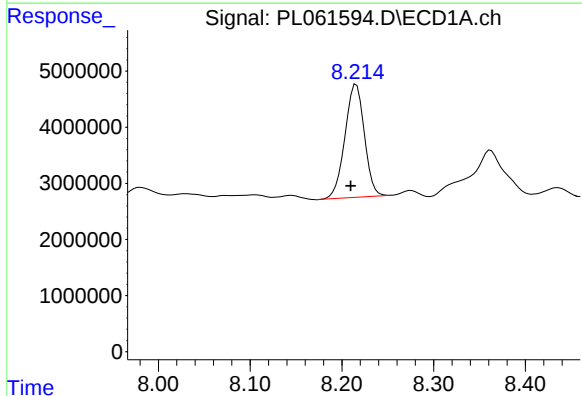
R.T.: 6.287 min  
Delta R.T.: -0.003 min  
Response: 61220035  
Conc: 1089.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
H-1MS



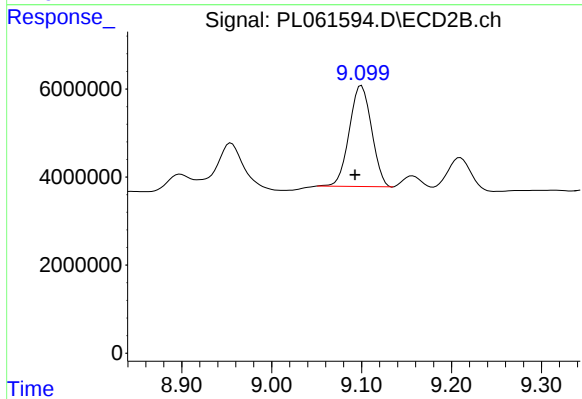
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.216 min  
Delta R.T.: 0.006 min  
Response: 29533821  
Conc: 17.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.007 min  
Response: 39536672  
Conc: 16.72 ng/ml