

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
 Data File : PD053610.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Jun 2019 19:25  
 Operator : SM\AJ  
 Sample : K3231-19  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DB8M6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 01:29:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052119CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 22 06:53:42 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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 x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.315  | 3.984  | 13146402 | 23021997 | 17.942  | 23.383 #  |
| 27)                         | SA Decachlor... | 8.007  | 9.026  | 10017580 | 22870261 | 15.144  | 22.141 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.744  | 4.371  | 1591890  | 754755   | 1.701   | 0.625 #   |
| 3)                          | MA gamma-BHC... | 4.021  | 4.654  | 7636056  | -3297602 | 8.904   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.340f | 5.209f | 2719780  | 615467   | 3.742   | 0.529 #   |
| 5)                          | MB Aldrin       | 4.556  | 0.000  | 1504649  | 0        | 1.682   | N.D. #    |
| 6)                          | B beta-BHC      | 4.270  | 4.820  | 7312829  | 10209794 | 17.616  | 17.406    |
| 7)                          | B delta-BHC     | 4.467  | 5.036  | 18993177 | 29453898 | 21.679  | 24.208    |
| 8)                          | B Heptachlor... | 0.000  | 5.838  | 0        | 2376668  | N.D.    | 2.026     |
| 9)                          | A Endosulfan I  | 0.000  | 6.247f | 0        | 254528   | N.D.    | 0.229     |
| 10)                         | B trans-Chl...  | 0.000  | 6.070  | 0        | 1097304  | N.D.    | 0.859     |
| 11)                         | B cis-Chlor...  | 0.000  | 6.159  | 0        | 512975   | N.D.    | 0.407     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.310  | 0        | 1569738  | N.D.    | 1.274     |
| 13)                         | MA Dieldrin     | 0.000  | 6.458  | 0        | 245966   | N.D.    | 0.195     |
| 14)                         | MA Endrin       | 5.855f | 6.630f | 3892034  | 5907794  | 5.968   | 6.580     |
| 15)                         | B Endosulfa...  | 0.000  | 6.849f | 0        | 365810   | N.D.    | 0.348     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.801  | 0        | 1869579  | N.D.    | 2.024     |
| 17)                         | MA 4,4'-DDT     | 6.217  | 7.071  | 989839   | 341379   | 1.826   | 0.387 #   |
| 18)                         | B Endrin al...  | 6.217f | 7.071f | 989839   | 341379   | 1.722   | 0.382 #   |
| 19)                         | B Endosulfa...  | 6.497  | 7.229  | 324.6E6  | 413117   | 491.002 | 0.393 #   |
| 20)                         | A Methoxychlor  | 6.715  | 7.525  | 1353040  | 548999   | 5.948   | 1.278 #   |
| 21)                         | B Endrin ke...  | 6.999f | 7.747f | 1358936  | 93177    | 1.989   | <MDL #    |
| 22)                         | Toxaphene-1     | 0.000  | 6.380  | 0        | 247108   | N.D.    | 43.047    |
| 23)                         | Toxaphene-2     | 5.639  | 6.630  | 2666784  | 5907794  | 566.132 | 827.932 # |
| 24)                         | Toxaphene-3     | 0.000  | 7.071  | 0        | 341379   | N.D.    | 33.599    |
| 25)                         | Toxaphene-4     | 0.000  | 7.136  | 0        | 5638874  | N.D.    | 197.789   |
| -----                       |                 |        |        |          |          |         |           |

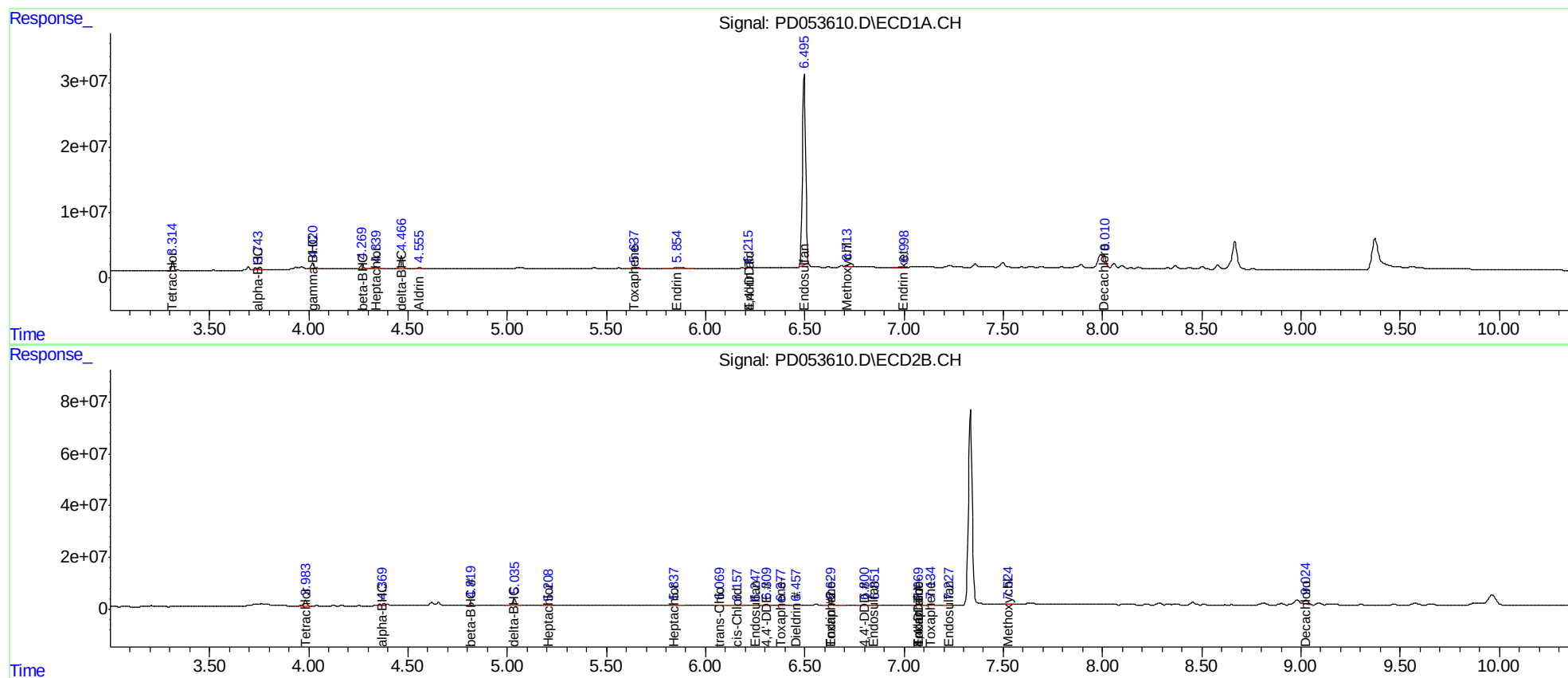
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

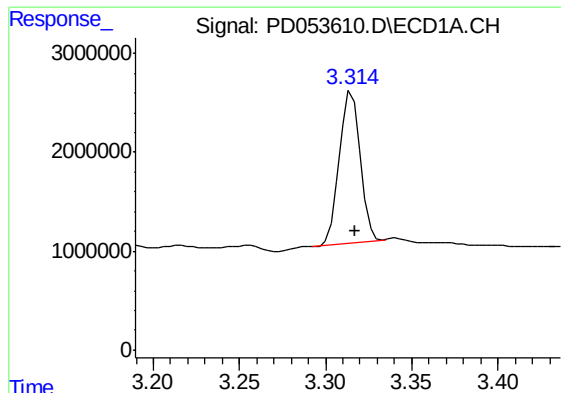
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
Data File : PD053610.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jun 2019 19:25  
Operator : SM\AJ  
Sample : K3231-19  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 01:29:58 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052119CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed May 22 06:53:42 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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 x 0.50µm

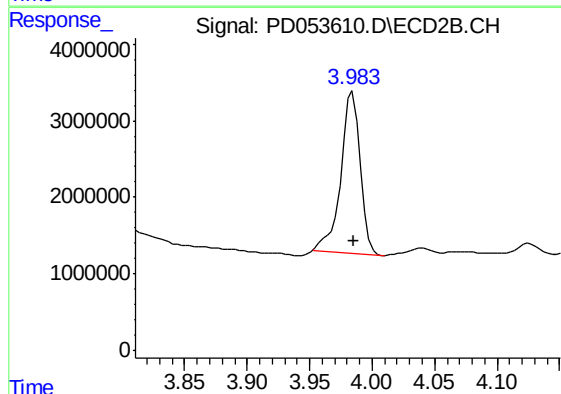




#1 Tetrachloro-m-xylene

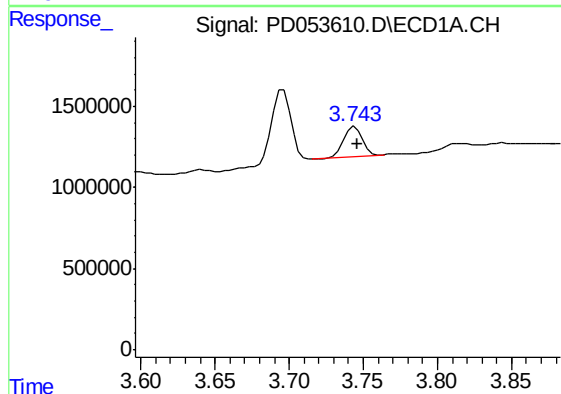
R.T.: 3.315 min  
Delta R.T.: -0.002 min  
Response: 13146402  
Conc: 17.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



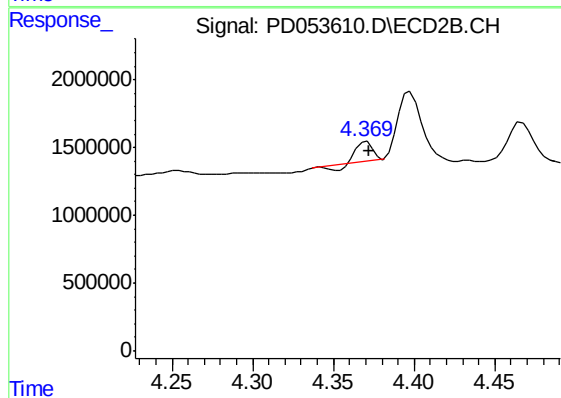
#1 Tetrachloro-m-xylene

R.T.: 3.984 min  
Delta R.T.: -0.001 min  
Response: 23021997  
Conc: 23.38 ng/ml



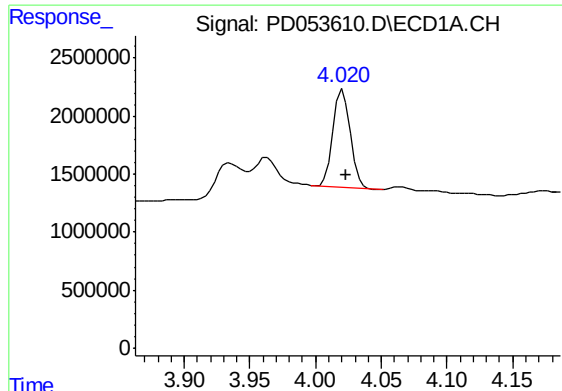
#2 alpha-BHC

R.T.: 3.744 min  
Delta R.T.: -0.002 min  
Response: 1591890  
Conc: 1.70 ng/ml



#2 alpha-BHC

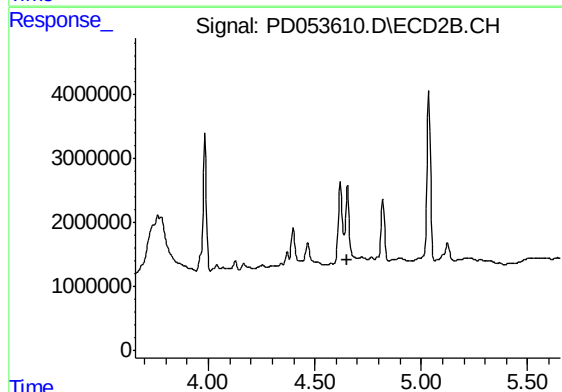
R.T.: 4.371 min  
Delta R.T.: -0.001 min  
Response: 754755  
Conc: 0.63 ng/ml



#3 gamma-BHC (Lindane)

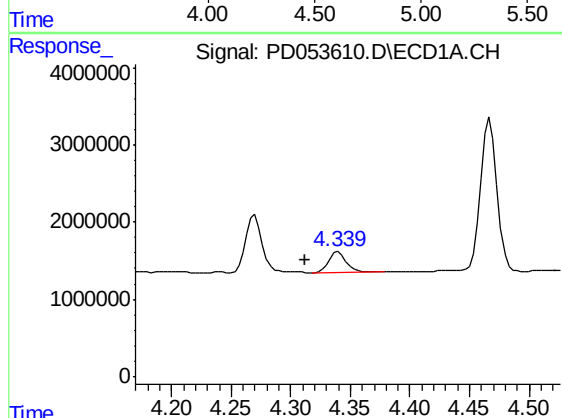
R.T.: 4.021 min  
Delta R.T.: -0.002 min  
Response: 7636056  
Conc: 8.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



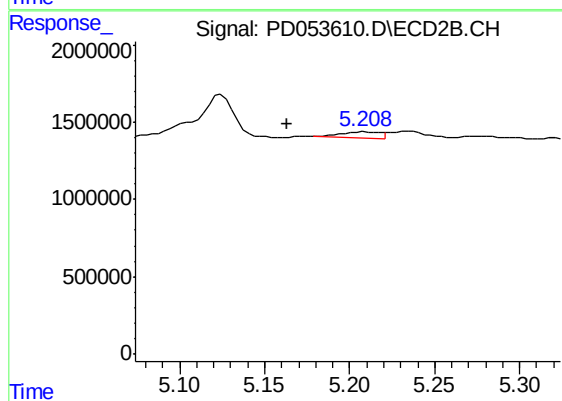
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: -3297602  
Conc: N.D.



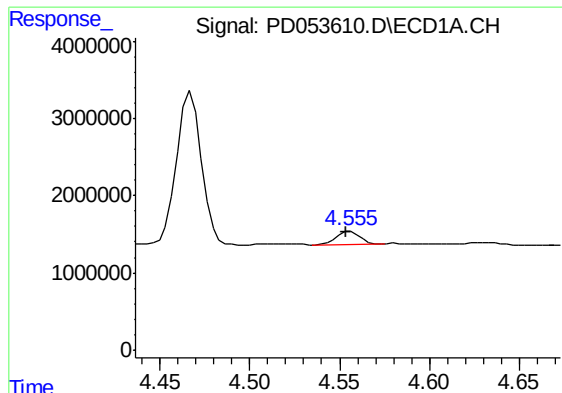
#4 Heptachlor

R.T.: 4.340 min  
Delta R.T.: 0.028 min  
Response: 2719780  
Conc: 3.74 ng/ml



#4 Heptachlor

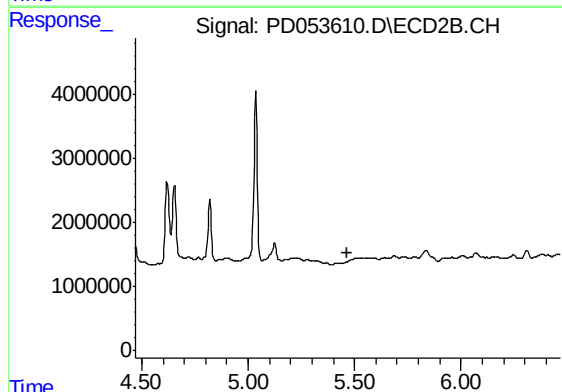
R.T.: 5.209 min  
Delta R.T.: 0.046 min  
Response: 615467  
Conc: 0.53 ng/ml



#5 Aldrin

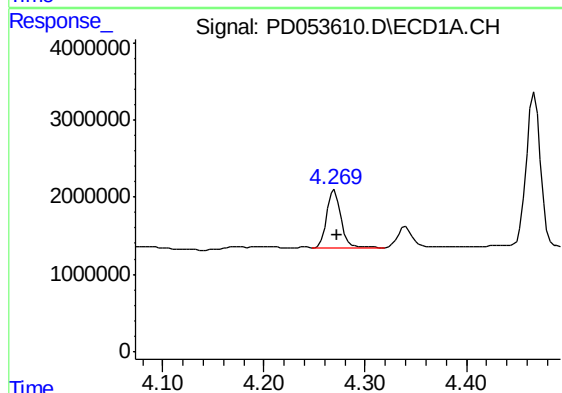
R.T.: 4.556 min  
Delta R.T.: 0.003 min  
Response: 1504649  
Conc: 1.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



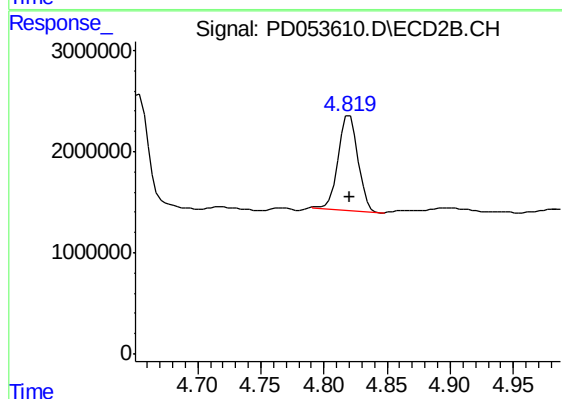
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.467 min  
Response: 0  
Conc: N.D.



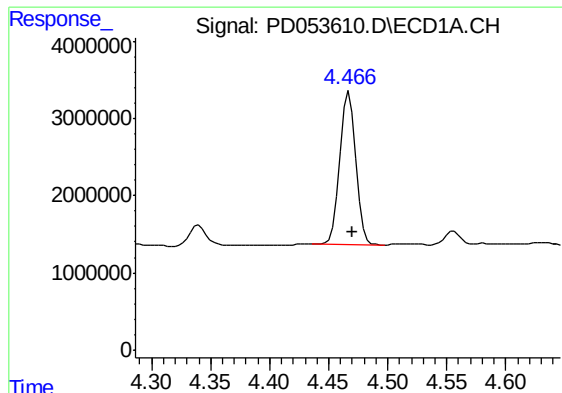
#6 beta-BHC

R.T.: 4.270 min  
Delta R.T.: -0.002 min  
Response: 7312829  
Conc: 17.62 ng/ml



#6 beta-BHC

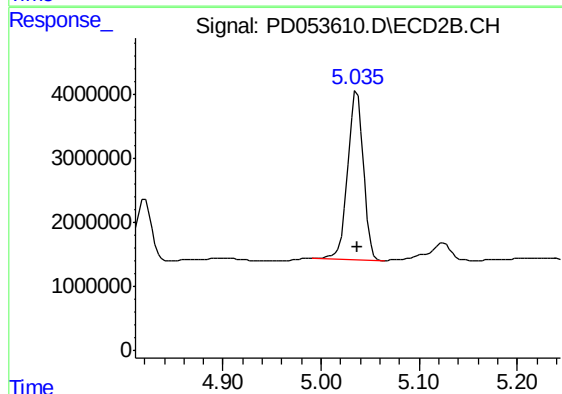
R.T.: 4.820 min  
Delta R.T.: 0.000 min  
Response: 10209794  
Conc: 17.41 ng/ml



#7 delta-BHC

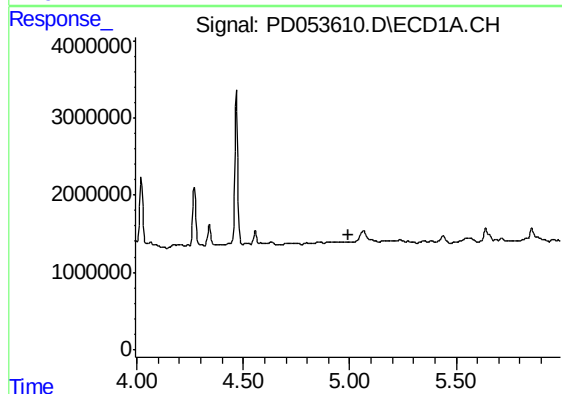
R.T.: 4.467 min  
Delta R.T.: -0.002 min  
Response: 18993177  
Conc: 21.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



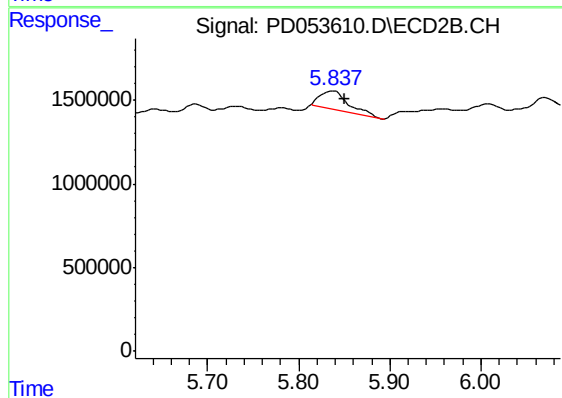
#7 delta-BHC

R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 29453898  
Conc: 24.21 ng/ml



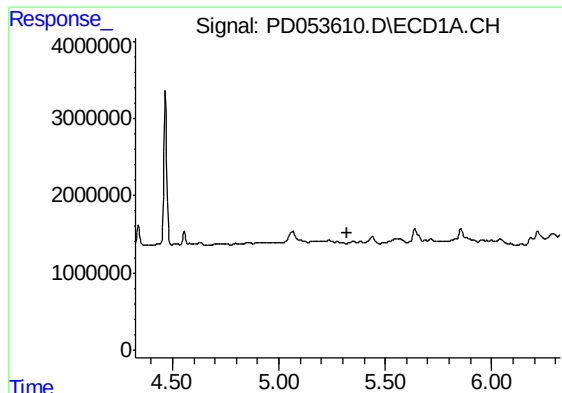
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.992 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

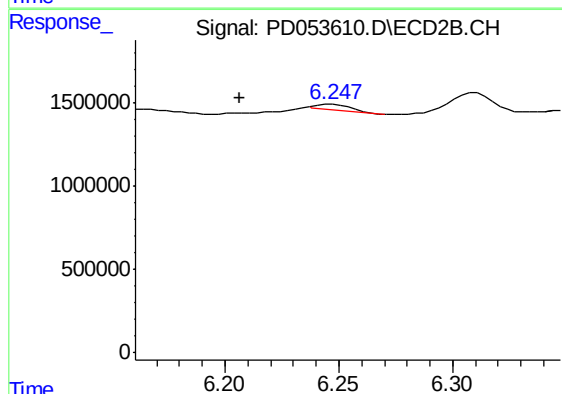
R.T.: 5.838 min  
Delta R.T.: -0.013 min  
Response: 2376668  
Conc: 2.03 ng/ml



#9 Endosulfan I

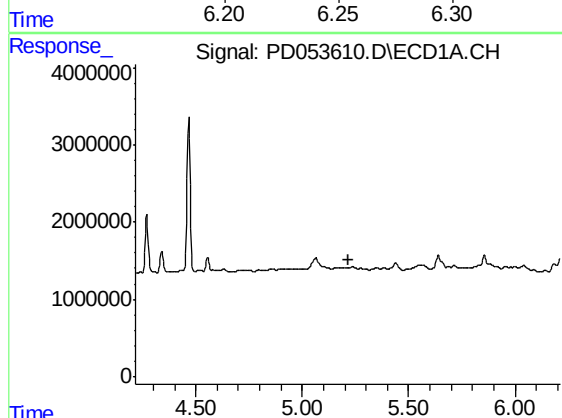
R.T.: 0.000 min  
Exp R.T. : 5.324 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



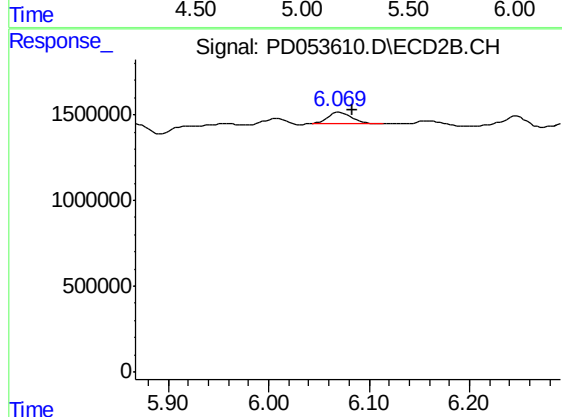
#9 Endosulfan I

R.T.: 6.247 min  
Delta R.T.: 0.041 min  
Response: 254528  
Conc: 0.23 ng/ml



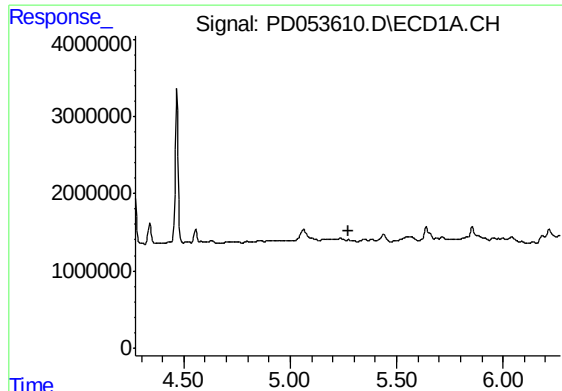
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.215 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

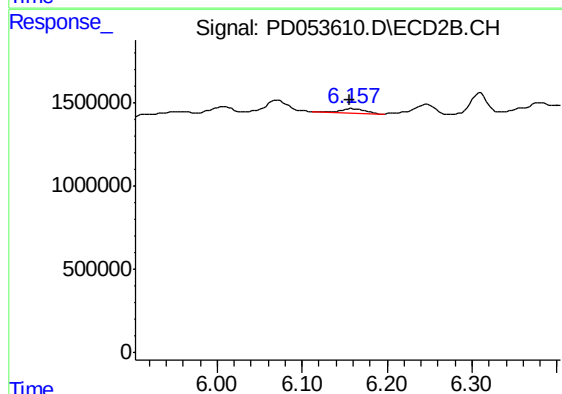
R.T.: 6.070 min  
Delta R.T.: -0.013 min  
Response: 1097304  
Conc: 0.86 ng/ml



#11 cis-Chlordane

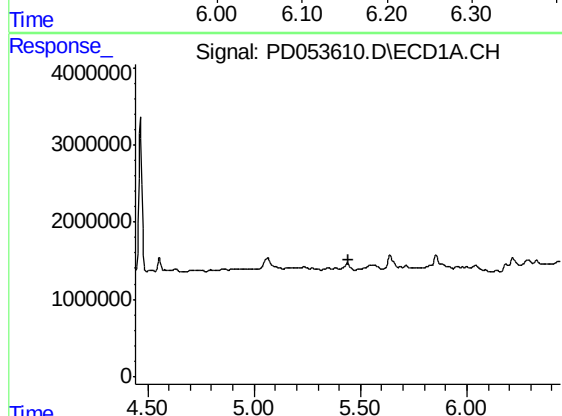
R.T.: 0.000 min  
Exp R.T. : 5.273 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



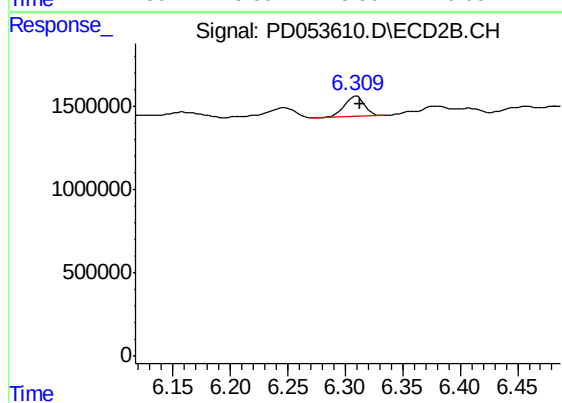
#11 cis-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.002 min  
Response: 512975  
Conc: 0.41 ng/ml



#12 4,4'-DDE

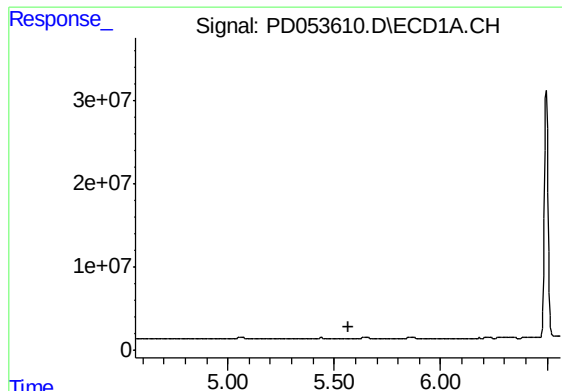
R.T.: 0.000 min  
Exp R.T. : 5.442 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 6.310 min  
Delta R.T.: -0.002 min  
Response: 1569738  
Conc: 1.27 ng/ml

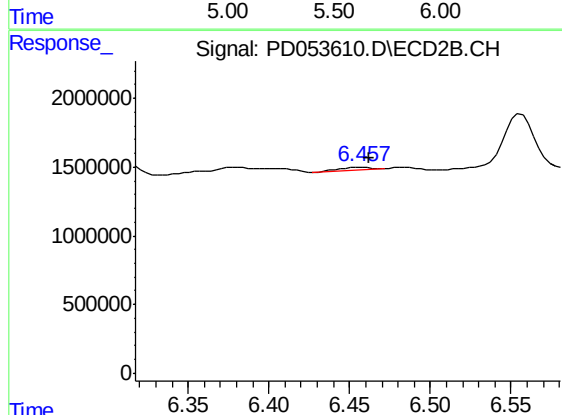




#13 Dieldrin

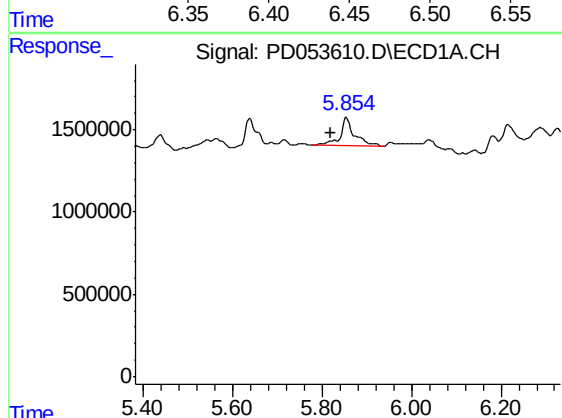
R.T.: 0.000 min  
Exp R.T.: 5.565 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



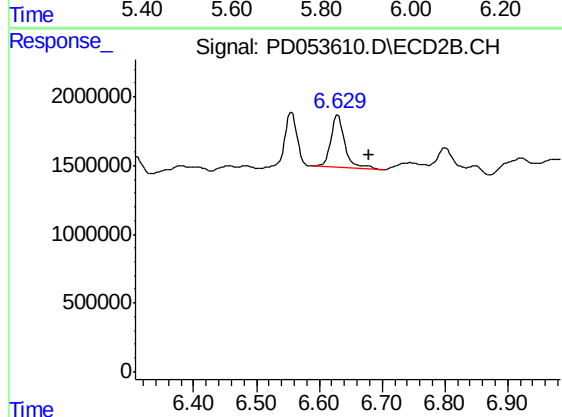
#13 Dieldrin

R.T.: 6.458 min  
Delta R.T.: -0.004 min  
Response: 245966  
Conc: 0.20 ng/ml



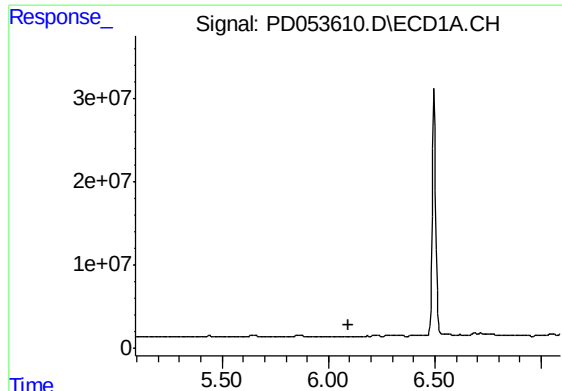
#14 Endrin

R.T.: 5.855 min  
Delta R.T.: 0.036 min  
Response: 3892034  
Conc: 5.97 ng/ml



#14 Endrin

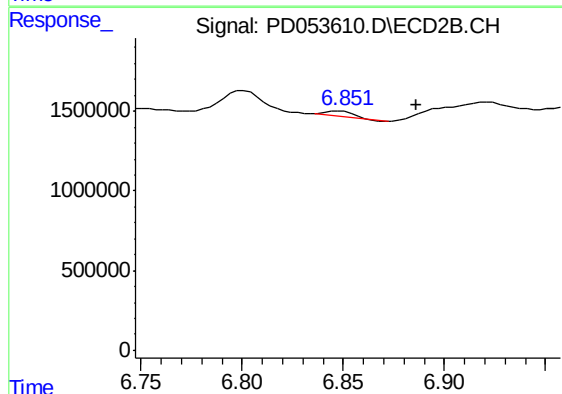
R.T.: 6.630 min  
Delta R.T.: -0.049 min  
Response: 5907794  
Conc: 6.58 ng/ml



#15 Endosulfan II

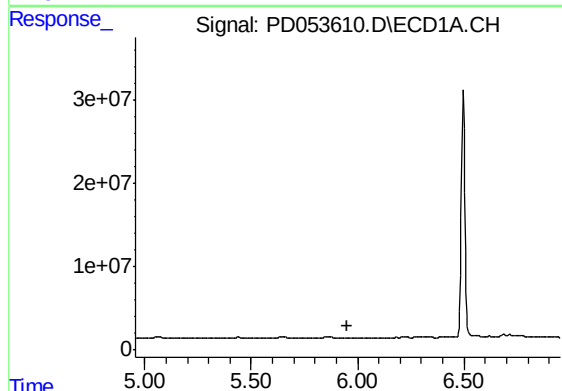
R.T.: 0.000 min  
Exp R.T.: 6.093 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



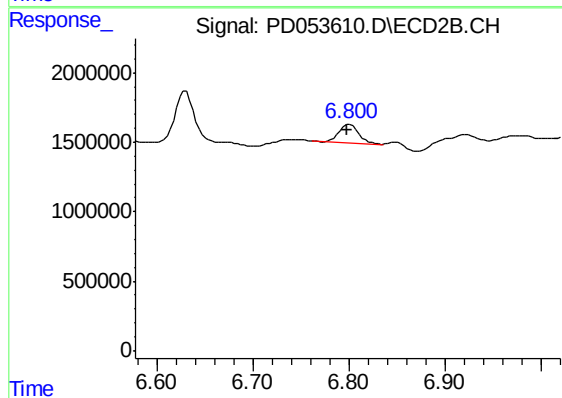
#15 Endosulfan II

R.T.: 6.849 min  
Delta R.T.: -0.037 min  
Response: 365810  
Conc: 0.35 ng/ml



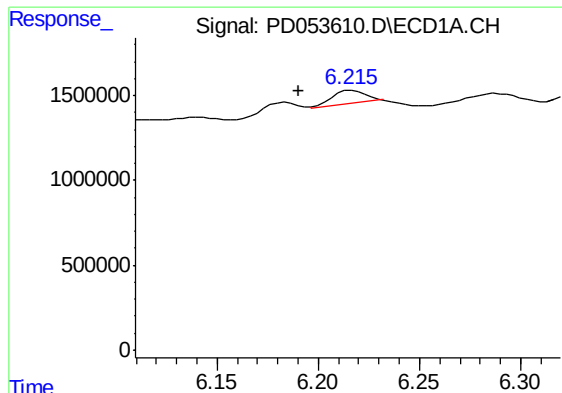
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T.: 5.953 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

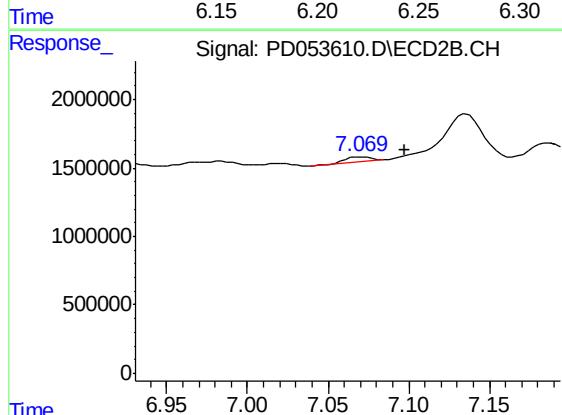
R.T.: 6.801 min  
Delta R.T.: 0.002 min  
Response: 1869579  
Conc: 2.02 ng/ml



#17 4,4'-DDT

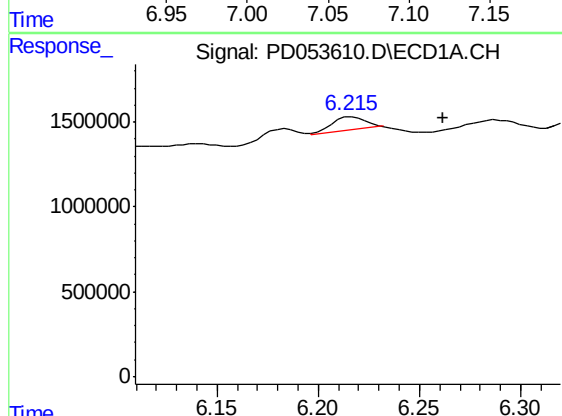
R.T.: 6.217 min  
Delta R.T.: 0.026 min  
Response: 989839  
Conc: 1.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



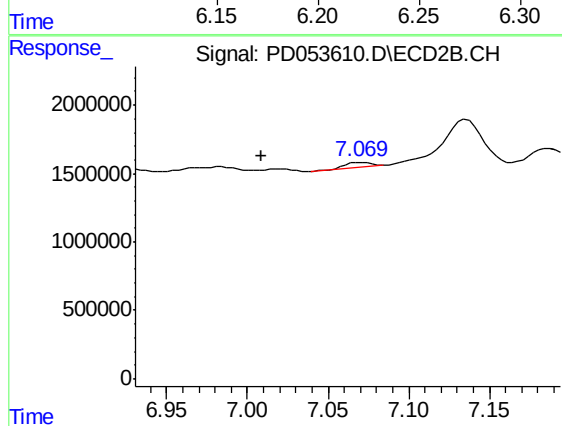
#17 4,4'-DDT

R.T.: 7.071 min  
Delta R.T.: -0.027 min  
Response: 341379  
Conc: 0.39 ng/ml



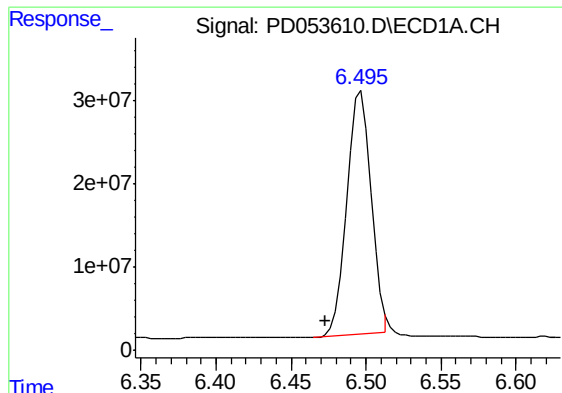
#18 Endrin aldehyde

R.T.: 6.217 min  
Delta R.T.: -0.045 min  
Response: 989839  
Conc: 1.72 ng/ml



#18 Endrin aldehyde

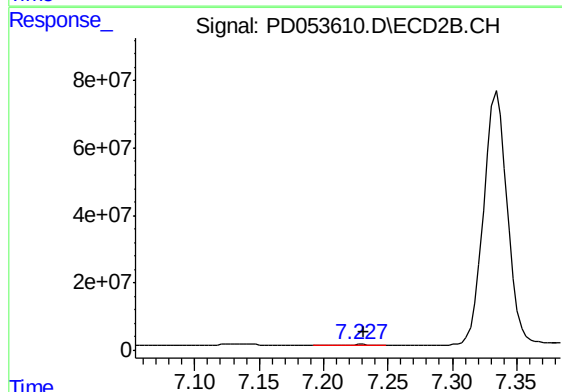
R.T.: 7.071 min  
Delta R.T.: 0.062 min  
Response: 341379  
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

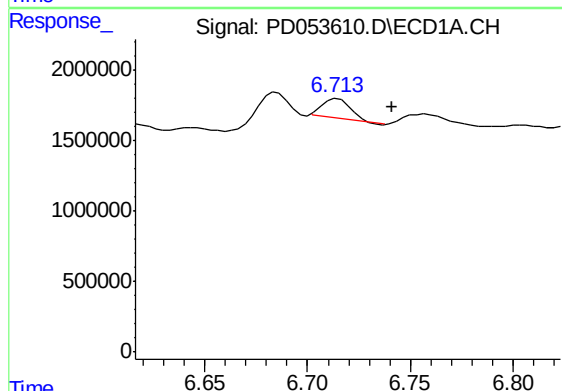
R.T.: 6.497 min  
Delta R.T.: 0.024 min  
Response: 324577649  
Conc: 491.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



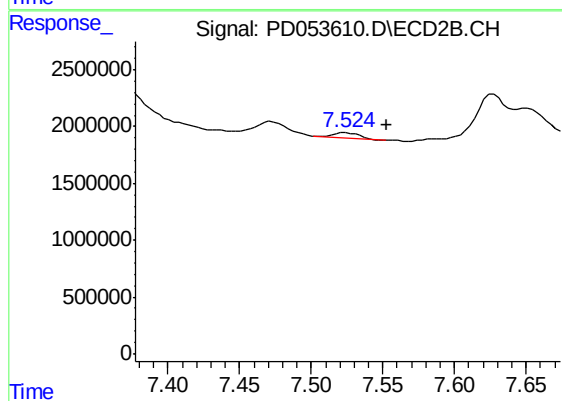
#19 Endosulfan Sulfate

R.T.: 7.229 min  
Delta R.T.: -0.002 min  
Response: 413117  
Conc: 0.39 ng/ml



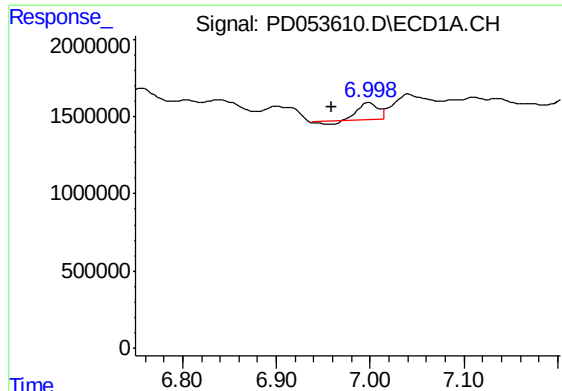
#20 Methoxychlor

R.T.: 6.715 min  
Delta R.T.: -0.026 min  
Response: 1353040  
Conc: 5.95 ng/ml



#20 Methoxychlor

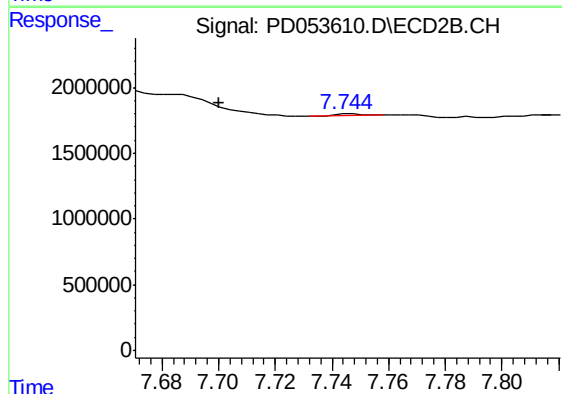
R.T.: 7.525 min  
Delta R.T.: -0.028 min  
Response: 548999  
Conc: 1.28 ng/ml



#21 Endrin ketone

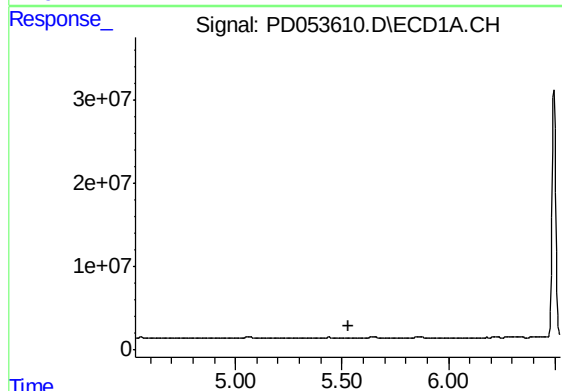
R.T.: 6.999 min  
Delta R.T.: 0.040 min  
Response: 1358936  
Conc: 1.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



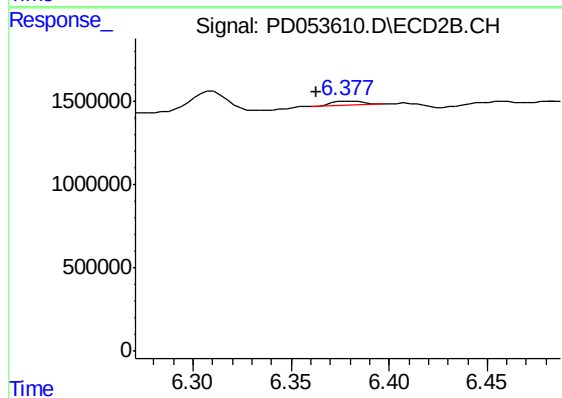
#21 Endrin ketone

R.T.: 7.747 min  
Delta R.T.: 0.046 min  
Response: 93177  
Conc: N.D.



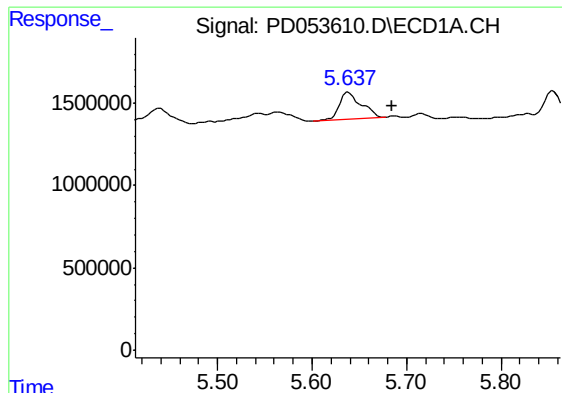
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.528 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

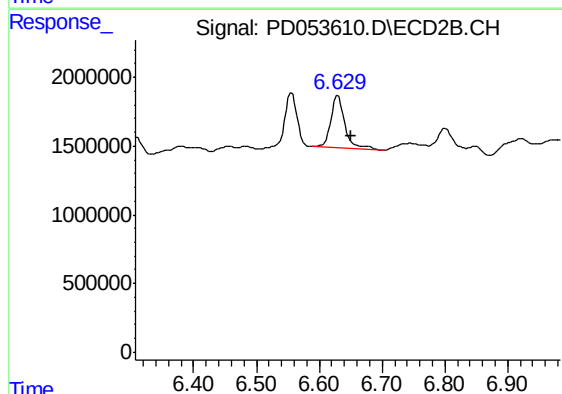
R.T.: 6.380 min  
Delta R.T.: 0.018 min  
Response: 247108  
Conc: 43.05 ng/ml



#23 Toxaphene-2

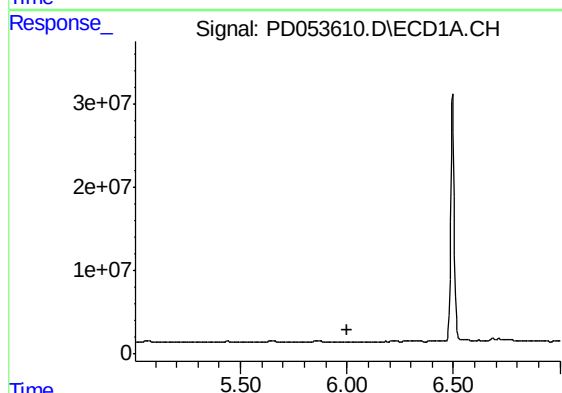
R.T.: 5.639 min  
Delta R.T.: -0.045 min  
Response: 2666784  
Conc: 566.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



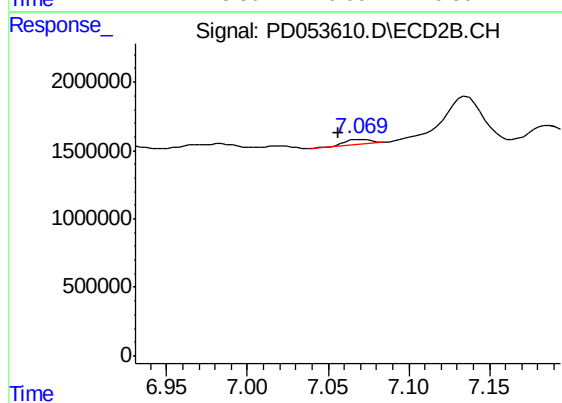
#23 Toxaphene-2

R.T.: 6.630 min  
Delta R.T.: -0.021 min  
Response: 5907794  
Conc: 827.93 ng/ml



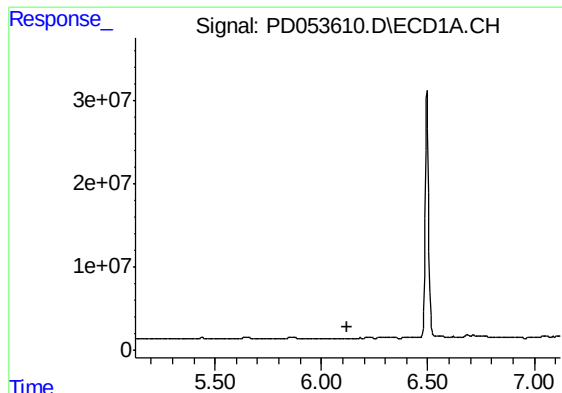
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 6.004 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

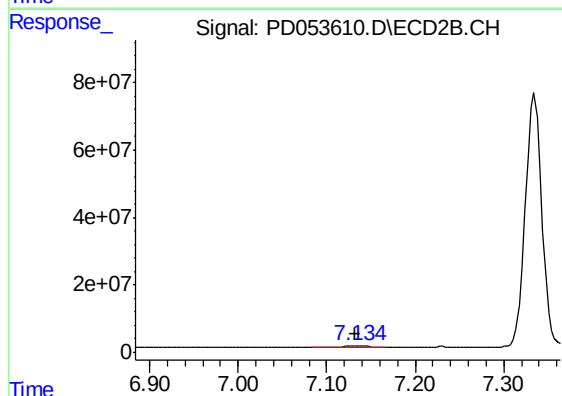
R.T.: 7.071 min  
Delta R.T.: 0.014 min  
Response: 341379  
Conc: 33.60 ng/ml



#25 Toxaphene-4

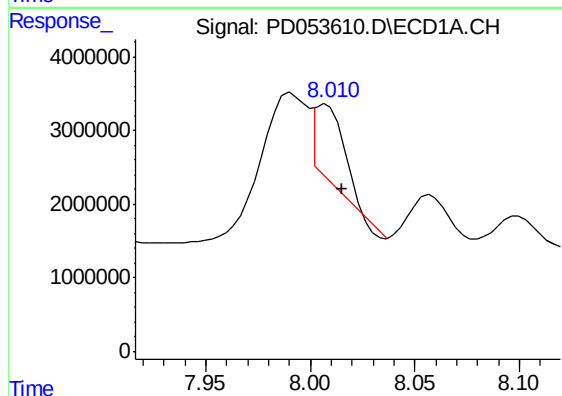
R.T.: 0.000 min  
Exp R.T.: 6.124 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8M6



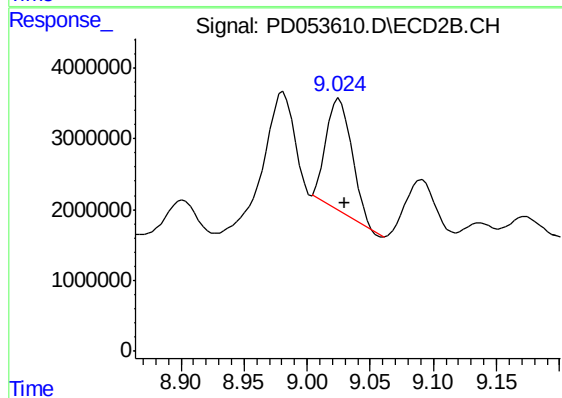
#25 Toxaphene-4

R.T.: 7.136 min  
Delta R.T.: 0.003 min  
Response: 5638874  
Conc: 197.79 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.007 min  
Delta R.T.: -0.007 min  
Response: 10017580  
Conc: 15.14 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: -0.004 min  
Response: 22870261  
Conc: 22.14 ng/ml