

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
 Data File : PD053603.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Jun 2019 16:12  
 Operator : SM\AJ  
 Sample : K3231-11  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DB8L8

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 01:27:43 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  | 3.985  | 9518550  | 16586160 | 12.991  | 16.846 #  |
| 27)                         | SA Decachlor... | 8.010  | 9.026  | 15567070 | 21070896 | 23.533  | 20.399    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.697f | 4.344f | 1051180  | 125926   | 1.123   | 0.104 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.621f | 0        | 25214    | N.D.    | <MDL      |
| 4)                          | MA Heptachlor   | 0.000  | 5.204f | 0        | 732226   | N.D.    | 0.630     |
| 7)                          | B delta-BHC     | 0.000  | 5.021  | 0        | 915577   | N.D.    | 0.753     |
| 8)                          | B Heptachlo...  | 0.000  | 5.905f | 0        | 285720   | N.D.    | 0.244     |
| 9)                          | A Endosulfan I  | 0.000  | 6.250f | 0        | 621699   | N.D.    | 0.559     |
| 10)                         | B trans-Chl...  | 0.000  | 6.066  | 0        | 175306   | N.D.    | 0.137     |
| 11)                         | B cis-Chlor...  | 0.000  | 6.104f | 0        | 403882   | N.D.    | 0.320     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.311  | 0        | 322996   | N.D.    | 0.262     |
| 13)                         | MA Dieldrin     | 0.000  | 6.448  | 0        | 580748   | N.D.    | 0.461     |
| 14)                         | MA Endrin       | 5.855f | 6.630f | 3168489  | 6612672  | 4.858   | 7.365 #   |
| 15)                         | B Endosulfa...  | 6.143f | 6.906  | 985753   | 653029   | 1.403   | 0.622 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.803  | 0        | 875317   | N.D.    | 0.948     |
| 17)                         | MA 4,4'-DDT     | 6.215  | 7.133f | 1412387  | 9517782  | 2.606   | 10.796 #  |
| 18)                         | B Endrin al...  | 6.285  | 0.000  | 1272849  | 0        | 2.214   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.497  | 7.268f | 413.8E6  | 918704   | 625.900 | 0.874 #   |
| 20)                         | A Methoxychlor  | 0.000  | 7.559  | 0        | 223763   | N.D.    | 0.521     |
| 21)                         | B Endrin ke...  | 0.000  | 7.692  | 0        | 201581   | N.D.    | 0.189     |
| 22)                         | Toxaphene-1     | 0.000  | 6.355  | 0        | 889710   | N.D.    | 154.990   |
| 23)                         | Toxaphene-2     | 5.639  | 6.630  | 3637150  | 6612672  | 772.131 | 926.715   |
| 25)                         | Toxaphene-4     | 6.143  | 7.133  | 985753   | 9517782  | 81.119  | 333.845 # |
| 26)                         | Toxaphene-5     | 0.000  | 7.627  | 0        | 191861   | N.D.    | 15.211    |
| -----                       |                 |        |        |          |          |         |           |

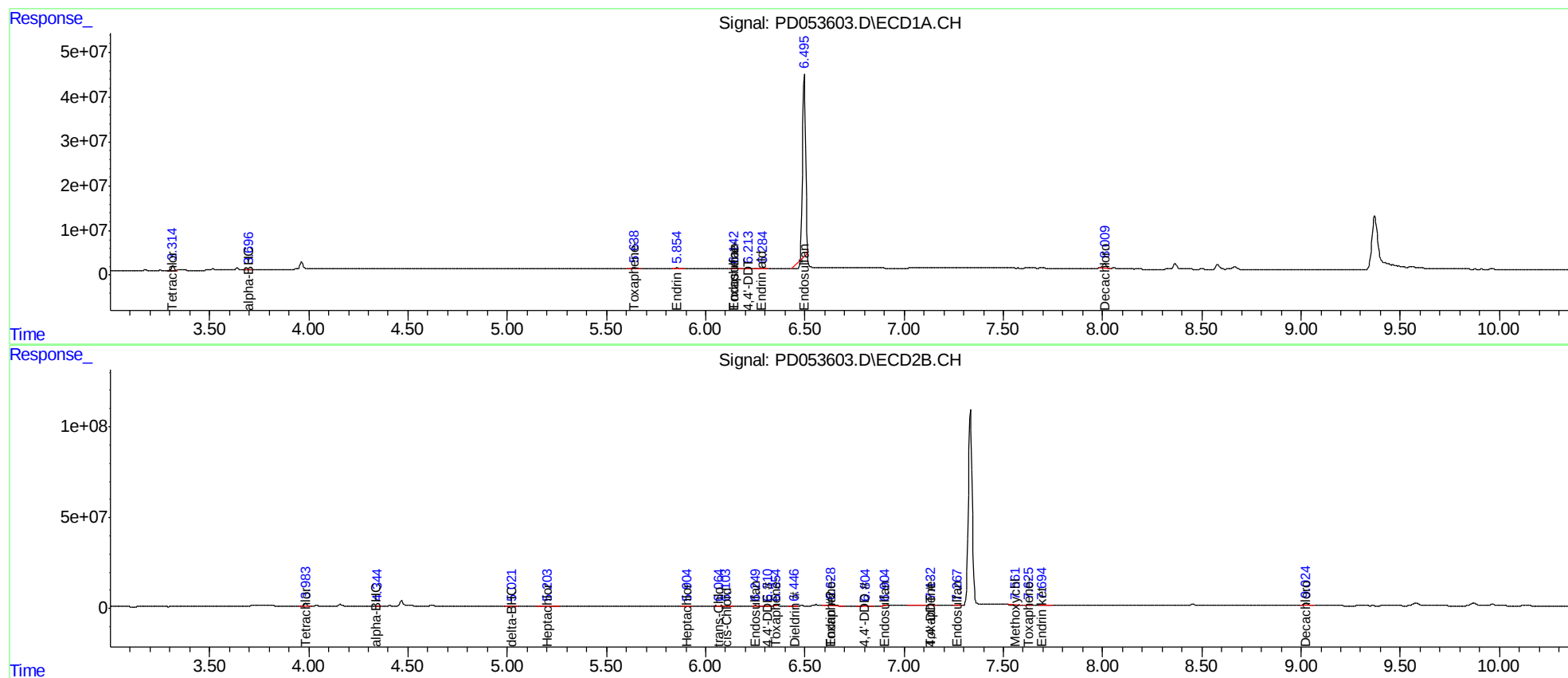
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

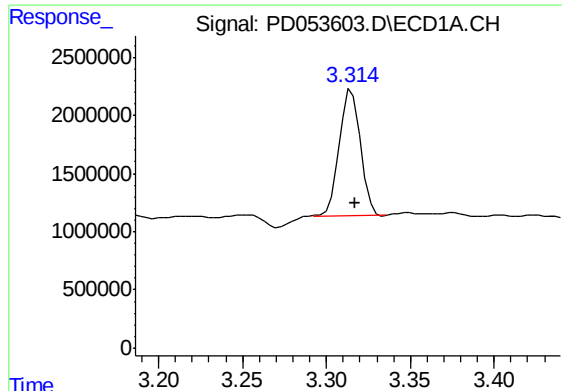
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061219\  
Data File : PD053603.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Jun 2019 16:12  
Operator : SM\AJ  
Sample : K3231-11  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 01:27:43 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052119CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed May 22 06:53:42 2019  
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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

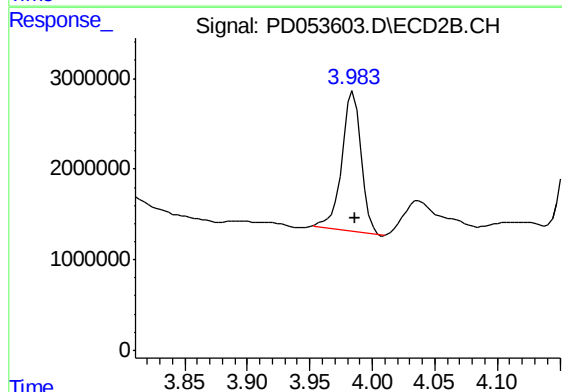




#1 Tetrachloro-m-xylene

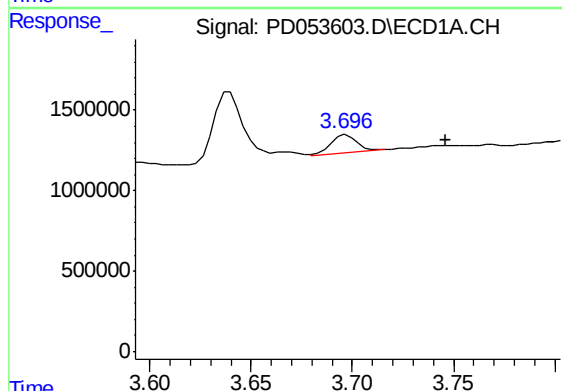
R.T.: 3.315 min  
Delta R.T.: -0.002 min  
Response: 9518550  
Conc: 12.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



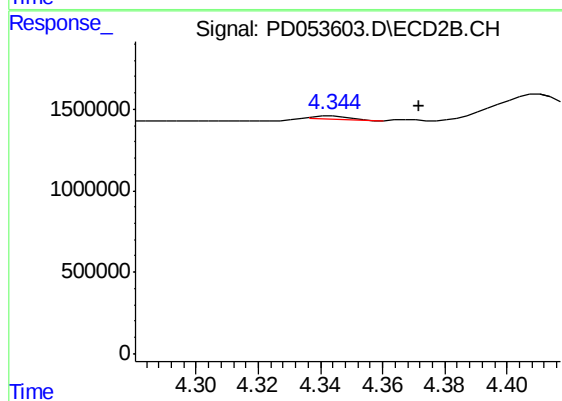
#1 Tetrachloro-m-xylene

R.T.: 3.985 min  
Delta R.T.: 0.000 min  
Response: 16586160  
Conc: 16.85 ng/ml



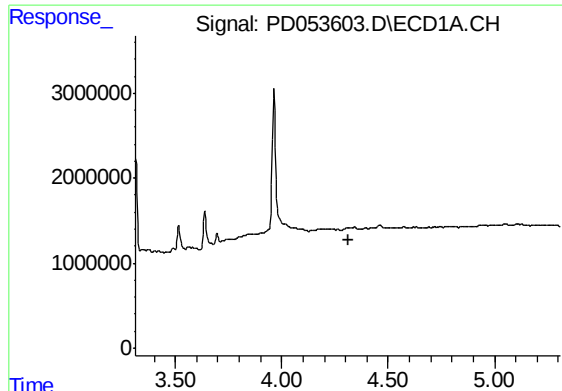
#2 alpha-BHC

R.T.: 3.697 min  
Delta R.T.: -0.049 min  
Response: 1051180  
Conc: 1.12 ng/ml



#2 alpha-BHC

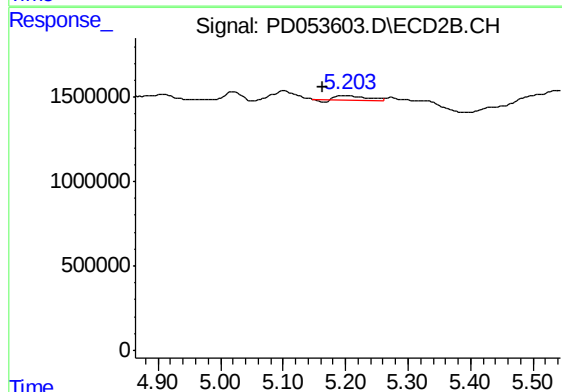
R.T.: 4.344 min  
Delta R.T.: -0.028 min  
Response: 125926  
Conc: 0.10 ng/ml



#4 Heptachlor

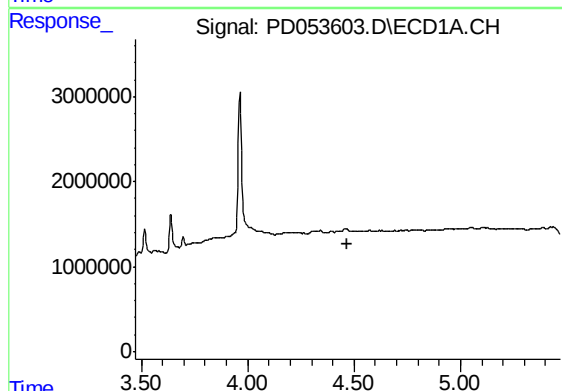
R.T.: 0.000 min  
Exp R.T. : 4.312 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



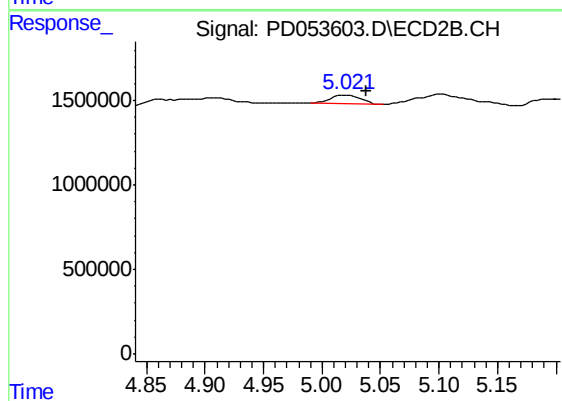
#4 Heptachlor

R.T.: 5.204 min  
Delta R.T.: 0.041 min  
Response: 732226  
Conc: 0.63 ng/ml



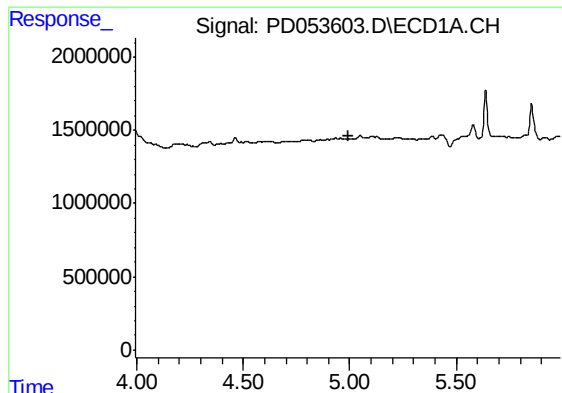
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.470 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

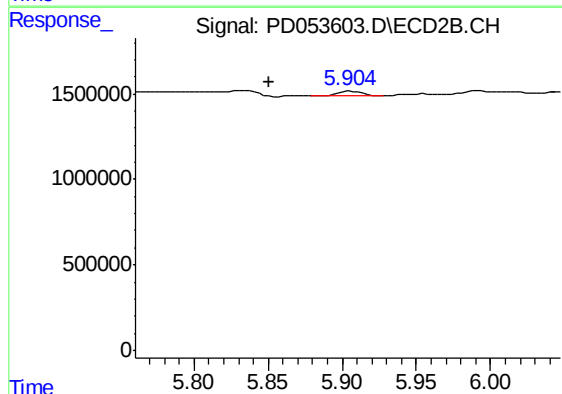
R.T.: 5.021 min  
Delta R.T.: -0.017 min  
Response: 915577  
Conc: 0.75 ng/ml



#8 Heptachlor epoxide

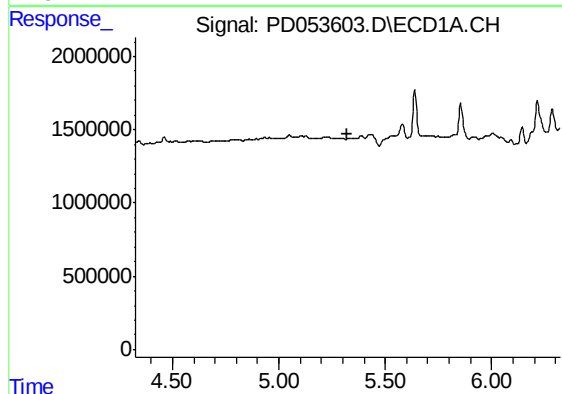
R.T.: 0.000 min  
Exp R.T.: 4.992 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



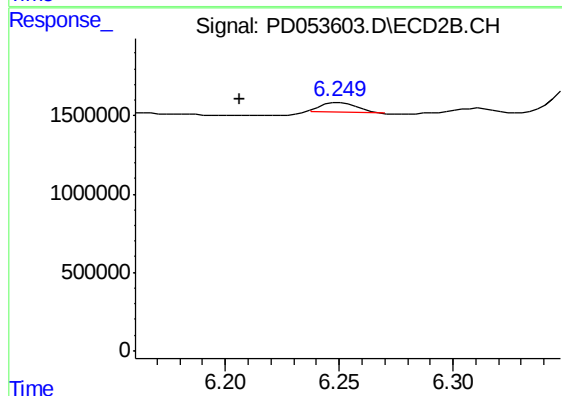
#8 Heptachlor epoxide

R.T.: 5.905 min  
Delta R.T.: 0.054 min  
Response: 285720  
Conc: 0.24 ng/ml



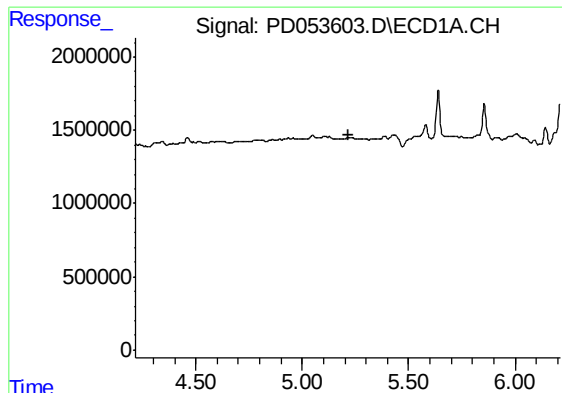
#9 Endosulfan I

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



#9 Endosulfan I

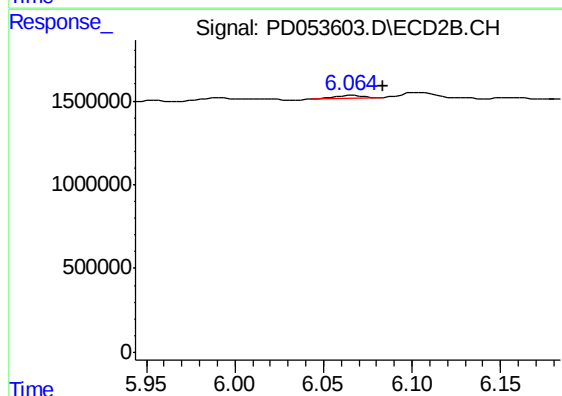
R.T.: 6.250 min  
Delta R.T.: 0.044 min  
Response: 621699  
Conc: 0.56 ng/ml



#10 trans-Chlordane

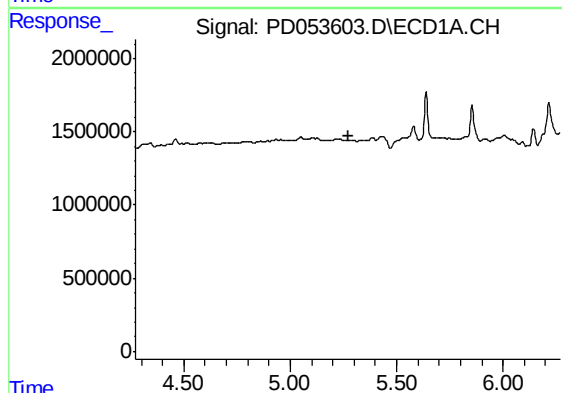
R.T.: 0.000 min  
Exp R.T.: 5.215 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



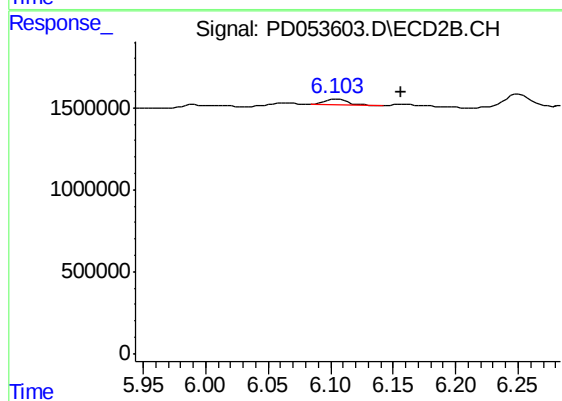
#10 trans-Chlordane

R.T.: 6.066 min  
Delta R.T.: -0.017 min  
Response: 175306  
Conc: 0.14 ng/ml



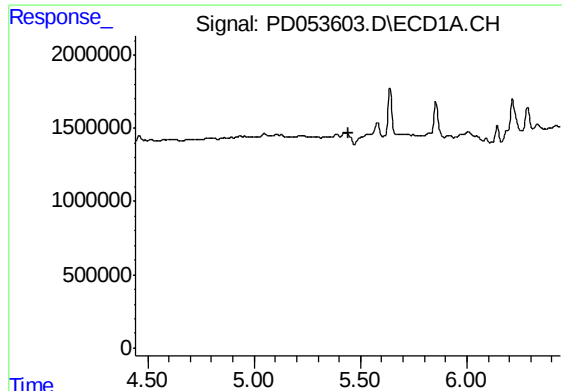
#11 cis-Chlordane

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



#11 cis-Chlordane

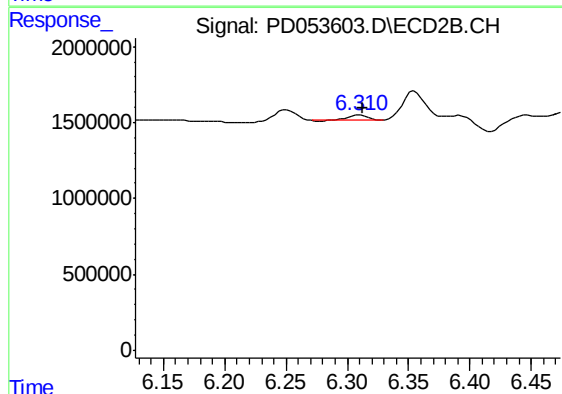
R.T.: 6.104 min  
Delta R.T.: -0.052 min  
Response: 403882  
Conc: 0.32 ng/ml



#12 4,4'-DDE

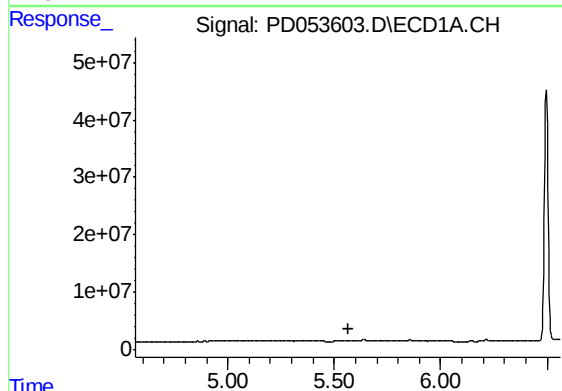
R.T.: 0.000 min  
Exp R.T.: 5.442 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



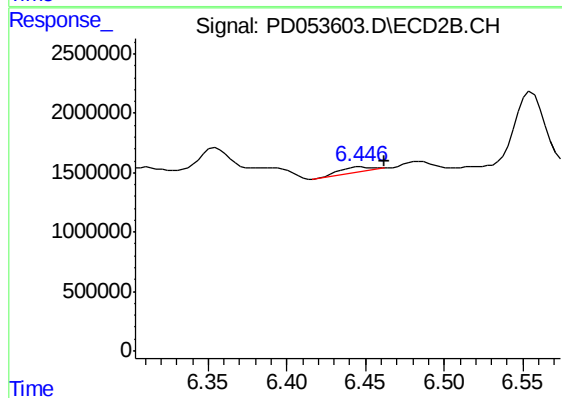
#12 4,4'-DDE

R.T.: 6.311 min  
Delta R.T.: -0.001 min  
Response: 322996  
Conc: 0.26 ng/ml



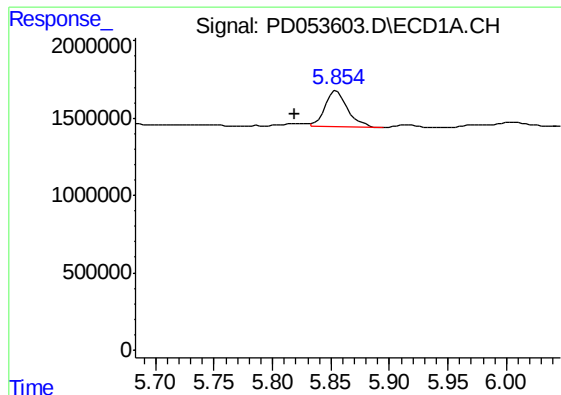
#13 Dieldrin

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



#13 Dieldrin

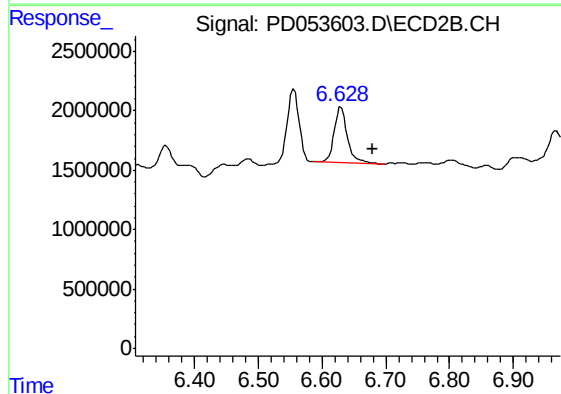
R.T.: 6.448 min  
Delta R.T.: -0.014 min  
Response: 580748  
Conc: 0.46 ng/ml



#14 Endrin

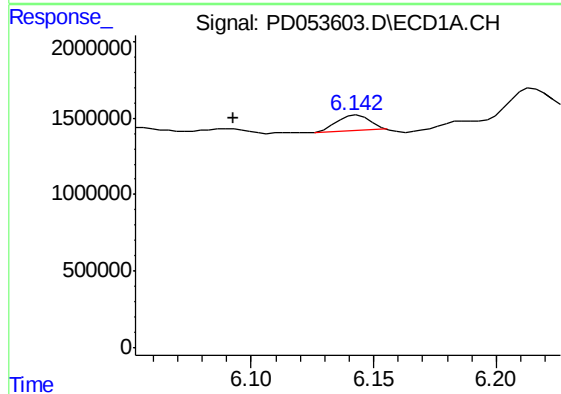
R.T.: 5.855 min  
Delta R.T.: 0.036 min  
Response: 3168489  
Conc: 4.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



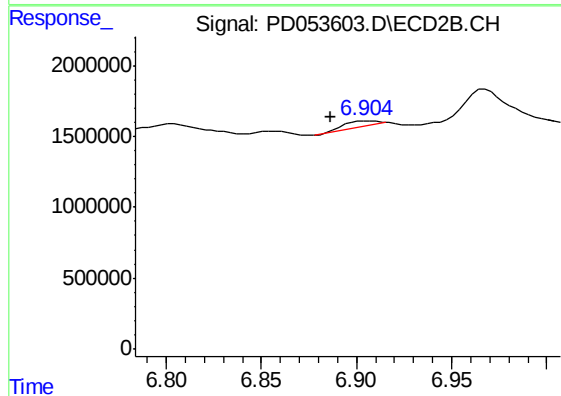
#14 Endrin

R.T.: 6.630 min  
Delta R.T.: -0.049 min  
Response: 6612672  
Conc: 7.37 ng/ml



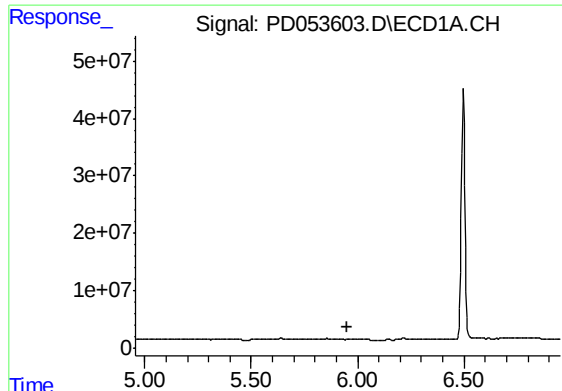
#15 Endosulfan II

R.T.: 6.143 min  
Delta R.T.: 0.050 min  
Response: 985753  
Conc: 1.40 ng/ml



#15 Endosulfan II

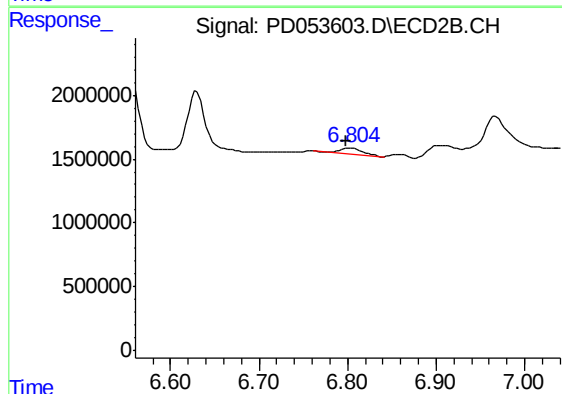
R.T.: 6.906 min  
Delta R.T.: 0.020 min  
Response: 653029  
Conc: 0.62 ng/ml



#16 4,4'-DDD

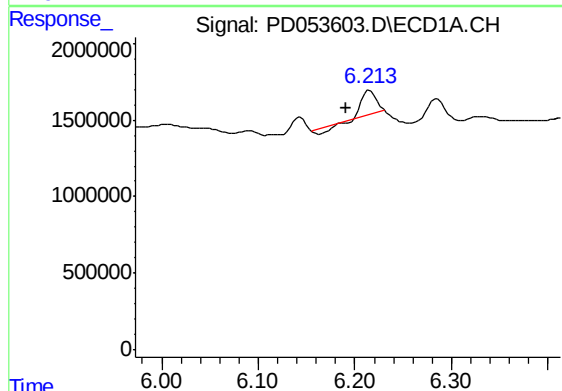
R.T.: 0.000 min  
Exp R.T.: 5.953 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



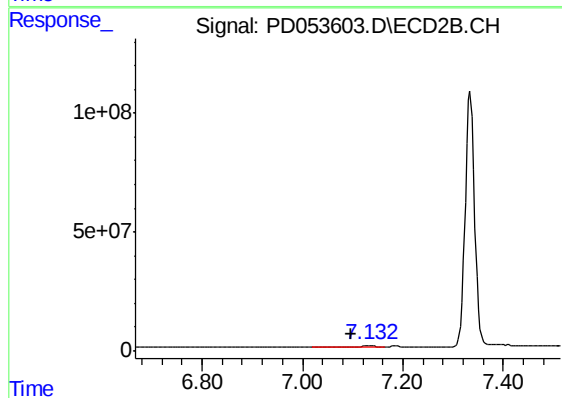
#16 4,4'-DDD

R.T.: 6.803 min  
Delta R.T.: 0.005 min  
Response: 875317  
Conc: 0.95 ng/ml



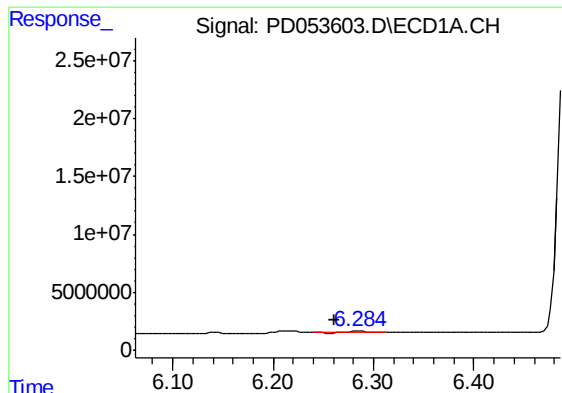
#17 4,4'-DDT

R.T.: 6.215 min  
Delta R.T.: 0.025 min  
Response: 1412387  
Conc: 2.61 ng/ml



#17 4,4'-DDT

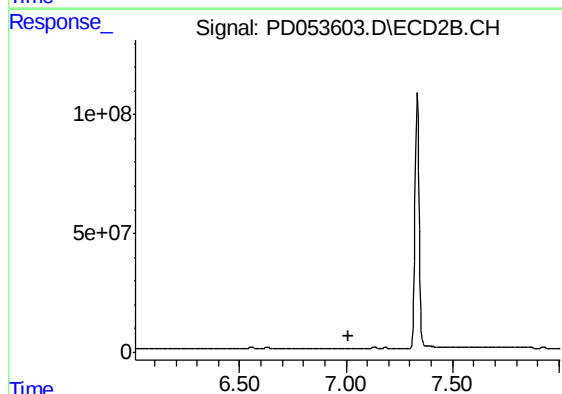
R.T.: 7.133 min  
Delta R.T.: 0.036 min  
Response: 9517782  
Conc: 10.80 ng/ml



#18 Endrin aldehyde

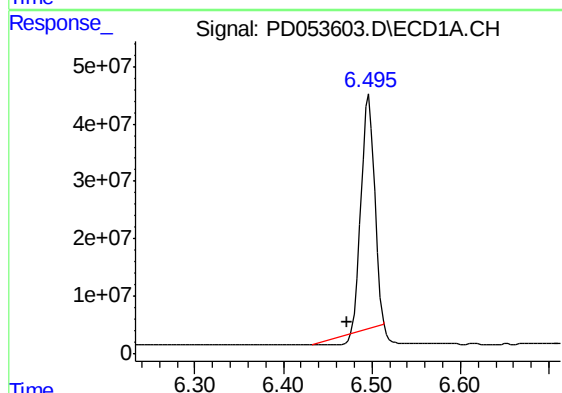
R.T.: 6.285 min  
Delta R.T.: 0.024 min  
Response: 1272849  
Conc: 2.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



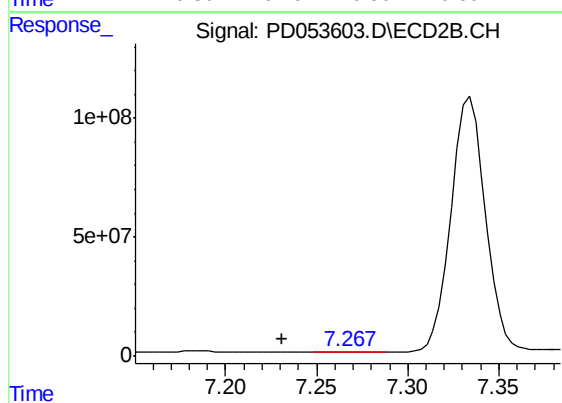
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.009 min  
Response: 0  
Conc: N.D.



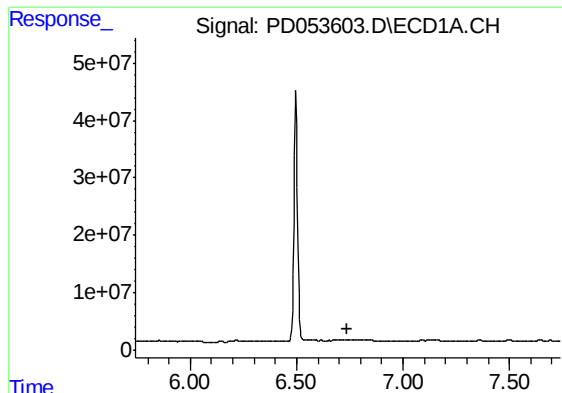
#19 Endosulfan Sulfate

R.T.: 6.497 min  
Delta R.T.: 0.024 min  
Response: 413752127  
Conc: 625.90 ng/ml



#19 Endosulfan Sulfate

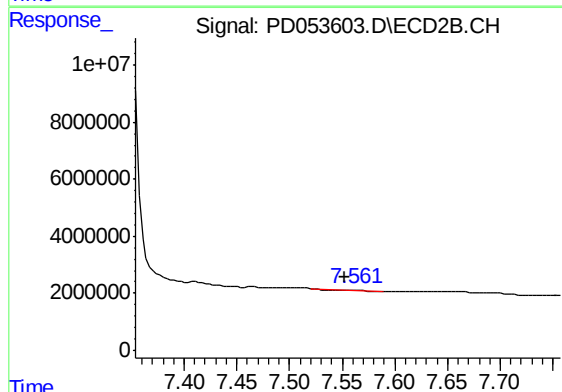
R.T.: 7.268 min  
Delta R.T.: 0.037 min  
Response: 918704  
Conc: 0.87 ng/ml



#20 Methoxychlor

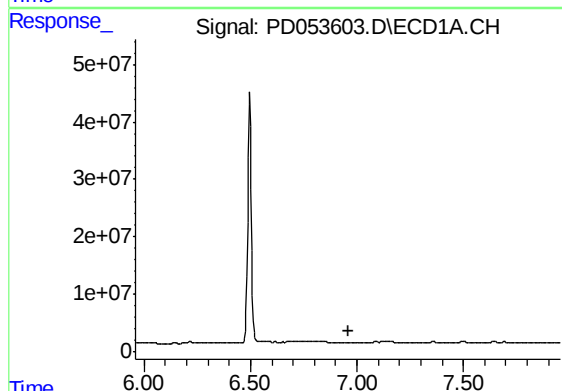
R.T.: 0.000 min  
Exp R.T.: 6.741 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



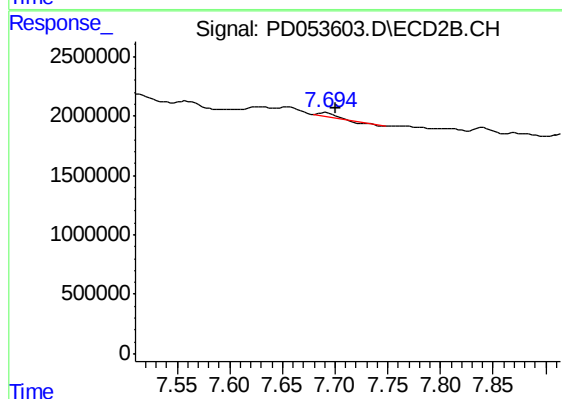
#20 Methoxychlor

R.T.: 7.559 min  
Delta R.T.: 0.006 min  
Response: 223763  
Conc: 0.52 ng/ml



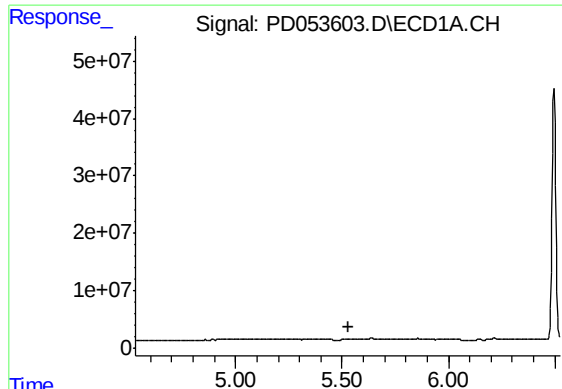
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.959 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

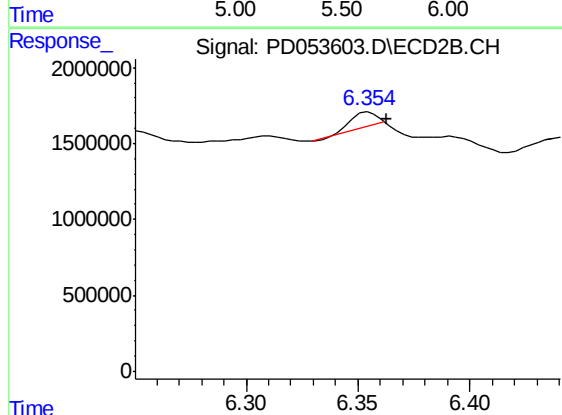
R.T.: 7.692 min  
Delta R.T.: -0.009 min  
Response: 201581  
Conc: 0.19 ng/ml



#22 Toxaphene-1

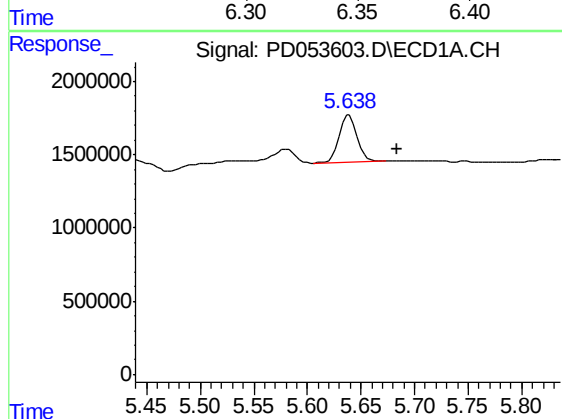
R.T.: 0.000 min  
Exp R.T.: 5.528 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



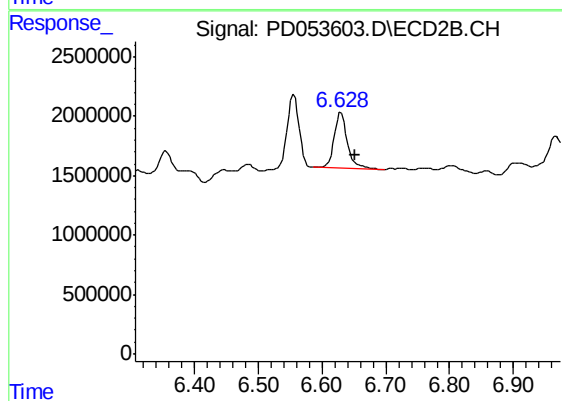
#22 Toxaphene-1

R.T.: 6.355 min  
Delta R.T.: -0.008 min  
Response: 889710  
Conc: 154.99 ng/ml



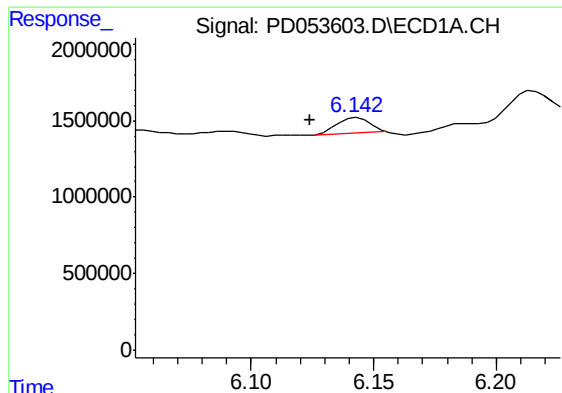
#23 Toxaphene-2

R.T.: 5.639 min  
Delta R.T.: -0.045 min  
Response: 3637150  
Conc: 772.13 ng/ml



#23 Toxaphene-2

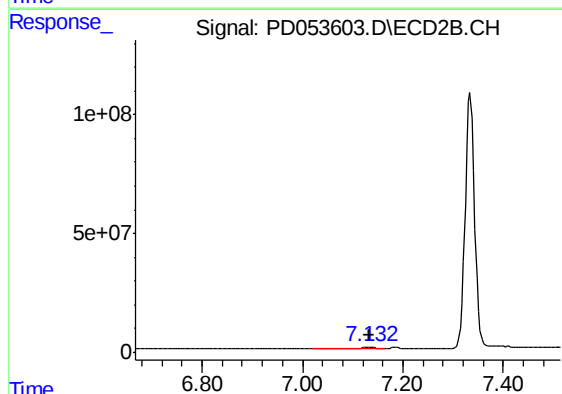
R.T.: 6.630 min  
Delta R.T.: -0.022 min  
Response: 6612672  
Conc: 926.72 ng/ml



#25 Toxaphene-4

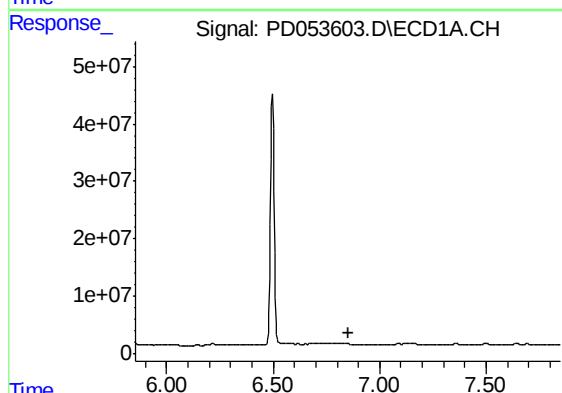
R.T.: 6.143 min  
Delta R.T.: 0.019 min  
Response: 985753  
Conc: 81.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



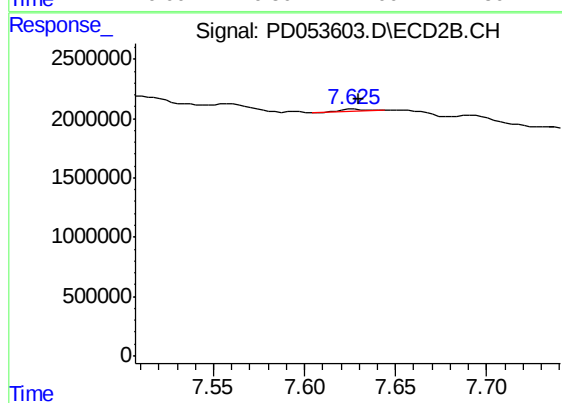
#25 Toxaphene-4

R.T.: 7.133 min  
Delta R.T.: 0.001 min  
Response: 9517782  
Conc: 333.85 ng/ml



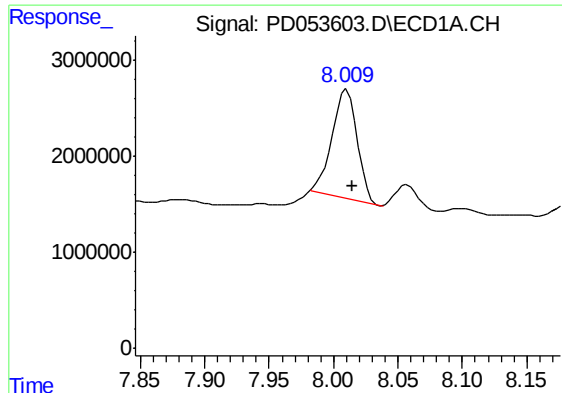
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.851 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

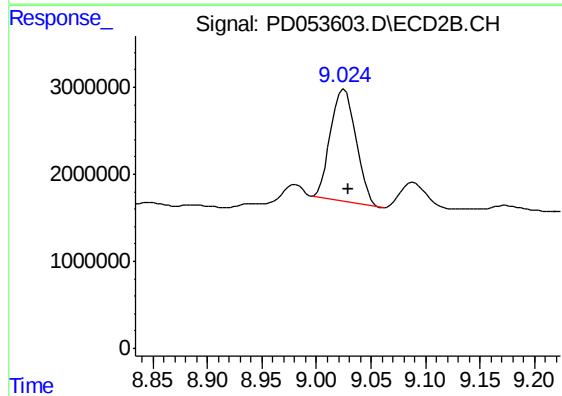
R.T.: 7.627 min  
Delta R.T.: -0.003 min  
Response: 191861  
Conc: 15.21 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.010 min  
Delta R.T.: -0.005 min  
Response: 15567070  
Conc: 23.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8L8



#27 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: -0.004 min  
Response: 21070896  
Conc: 20.40 ng/ml