

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060719\  
 Data File : PD053508.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Jun 2019 10:30  
 Operator : SM\AJ  
 Sample : K3213-09  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DB8J9

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 08 00:56:35 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... | 3.322  | 3.982  | 11020008 | 32733289 | 15.040   | 33.247 # |
| 27)                         | SA Decachlor... | 8.022  | 9.036  | 16351588 | 24778299 | 24.719   | 23.988   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.748  | 4.363  | 90716    | -27910   | <MDL     | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.015  | 4.662  | 638574   | 6965068  | 0.745    | 5.967 #  |
| 5)                          | MB Aldrin       | 4.558  | 0.000  | 3311066  | 0        | 3.700    | N.D. #   |
| 6)                          | B beta-BHC      | 0.000  | 4.821  | 0        | 4238034  | N.D.     | 7.225    |
| 7)                          | B delta-BHC     | 4.475  | 5.038  | 7931245  | 9447093  | 9.053    | 7.765    |
| 8)                          | B Heptachlo...  | 4.969  | 5.836  | 2915645  | 1941373  | 3.688    | 1.655 #  |
| 9)                          | A Endosulfan I  | 0.000  | 6.174  | 0        | 495260   | N.D.     | 0.446    |
| 10)                         | B trans-Chl...  | 5.244  | 6.066  | 1447676  | 1421576  | 1.645    | 1.112 #  |
| 11)                         | B cis-Chlor...  | 5.244  | 6.174  | 1447676  | 495260   | 1.705    | 0.392 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.320  | 0        | 218058   | N.D.     | 0.177    |
| 13)                         | MA Dieldrin     | 5.611f | 6.463  | 3215671  | 6026864  | 3.905    | 4.782    |
| 14)                         | MA Endrin       | 0.000  | 6.657  | 0        | 449487   | N.D.     | 0.501    |
| 15)                         | B Endosulfa...  | 6.140f | 6.934f | 12205684 | 10280970 | 17.368   | 9.785 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.793  | 0        | 993617   | N.D.     | 1.076    |
| 17)                         | MA 4,4'-DDT     | 6.140f | 7.147f | 12205684 | 532184   | 22.517   | 0.604 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.000  | 0        | 772325   | N.D.     | 0.865    |
| 19)                         | B Endosulfa...  | 0.000  | 7.253  | 0        | 148857   | N.D.     | 0.142    |
| 20)                         | A Methoxychlor  | 0.000  | 7.619f | 0        | 511952   | N.D.     | 1.191    |
| 21)                         | B Endrin ke...  | 0.000  | 7.703  | 0        | 206740   | N.D.     | 0.194    |
| 22)                         | Toxaphene-1     | 0.000  | 6.405  | 0        | 161421   | N.D.     | 28.120   |
| 23)                         | Toxaphene-2     | 5.668  | 6.657  | 18611856 | 449487   | 3951.111 | 62.992 # |
| 24)                         | Toxaphene-3     | 0.000  | 7.032  | 0        | 169981   | N.D.     | 16.730   |
| 25)                         | Toxaphene-4     | 6.140  | 7.147  | 12205684 | 532184   | 1004.422 | 18.667 # |
| 26)                         | Toxaphene-5     | 0.000  | 7.619  | 0        | 511952   | N.D.     | 40.587   |
| -----                       |                 |        |        |          |          |          |          |

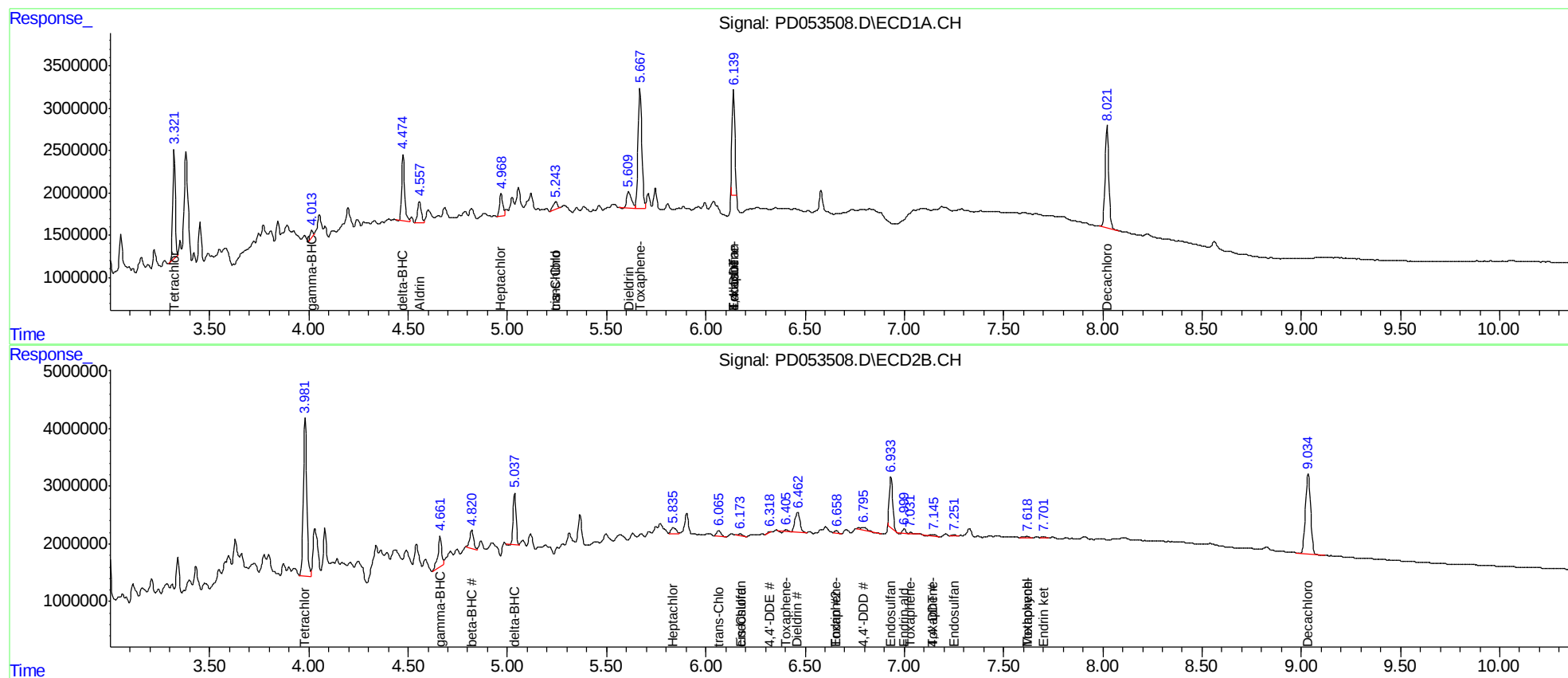
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

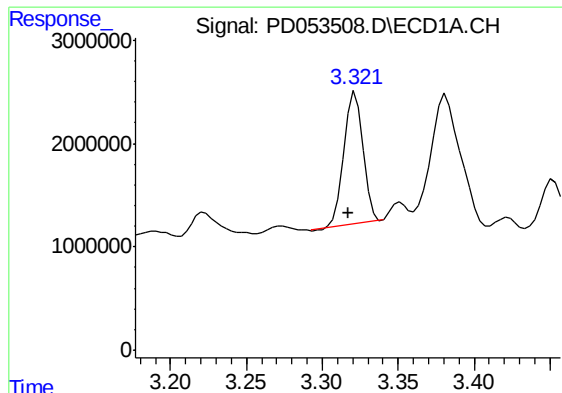
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD060719\  
Data File : PD053508.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Jun 2019 10:30  
Operator : SM\AJ  
Sample : K3213-09  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
DB8J9

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 08 00:56:35 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

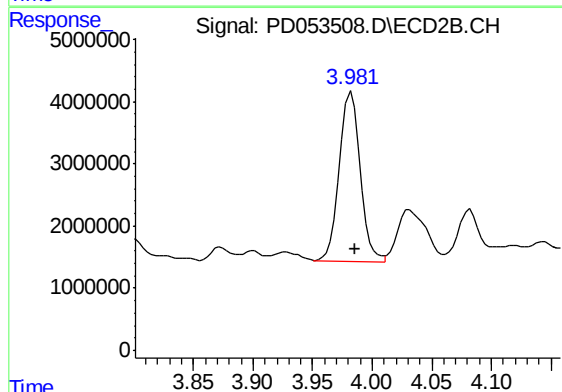




#1 Tetrachloro-m-xylene

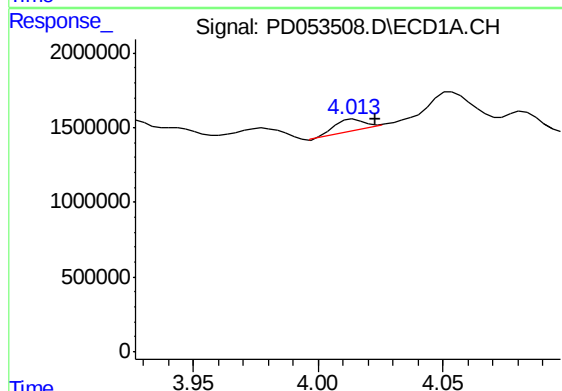
R.T.: 3.322 min  
Delta R.T.: 0.005 min  
Response: 11020008  
Conc: 15.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



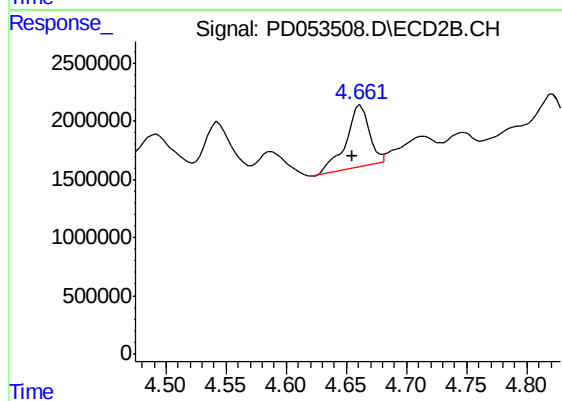
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: -0.003 min  
Response: 32733289  
Conc: 33.25 ng/ml



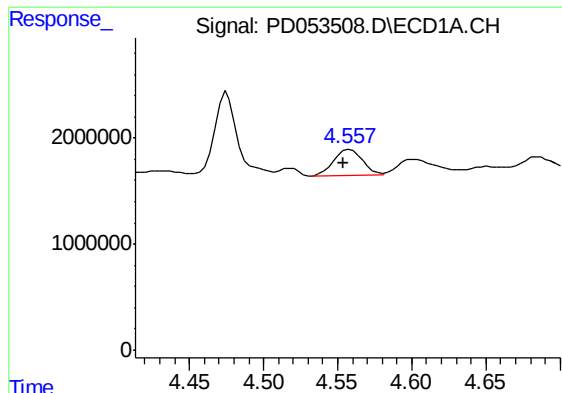
#3 gamma-BHC (Lindane)

R.T.: 4.015 min  
Delta R.T.: -0.008 min  
Response: 638574  
Conc: 0.74 ng/ml



#3 gamma-BHC (Lindane)

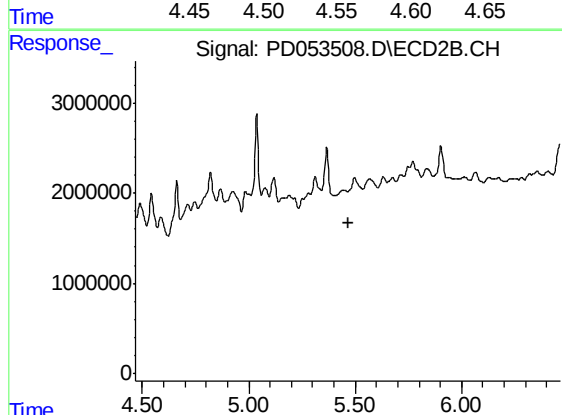
R.T.: 4.662 min  
Delta R.T.: 0.007 min  
Response: 6965068  
Conc: 5.97 ng/ml



#5 Aldrin

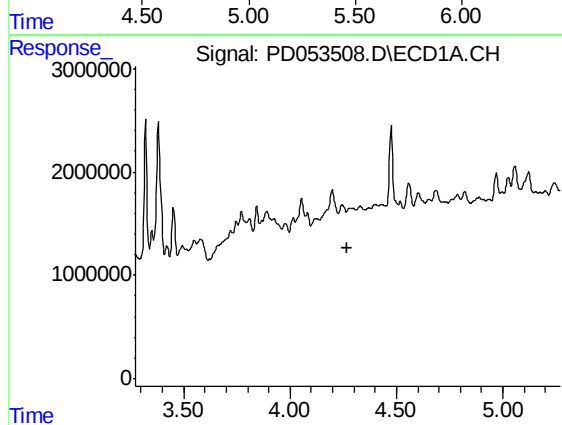
R.T.: 4.558 min  
Delta R.T.: 0.005 min  
Response: 3311066  
Conc: 3.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



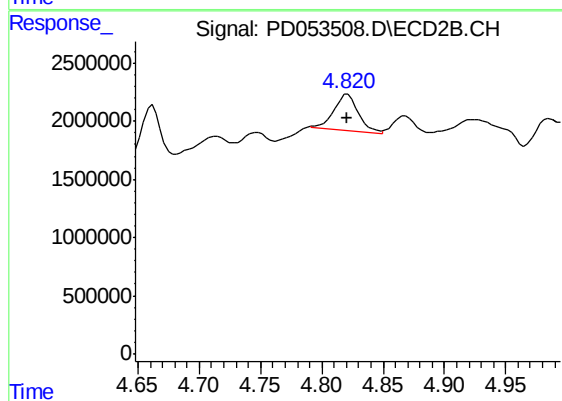
#5 Aldrin

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



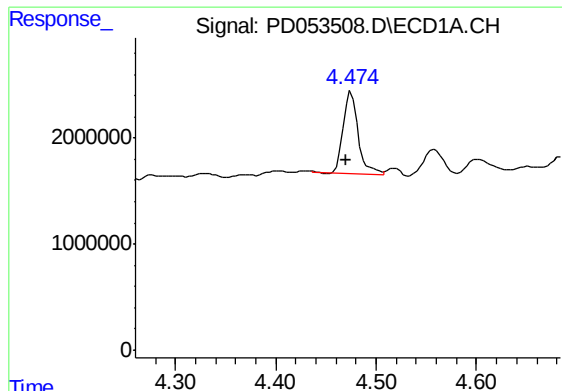
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.272 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

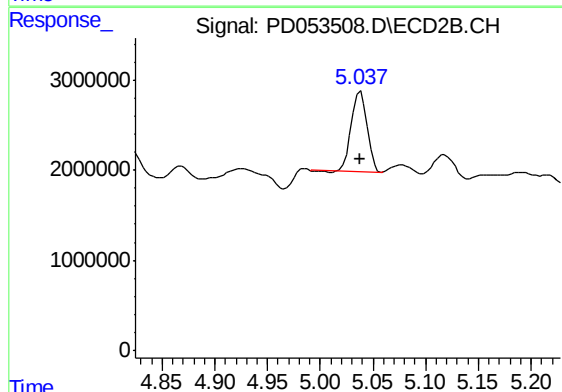
R.T.: 4.821 min  
Delta R.T.: 0.000 min  
Response: 4238034  
Conc: 7.23 ng/ml



#7 delta-BHC

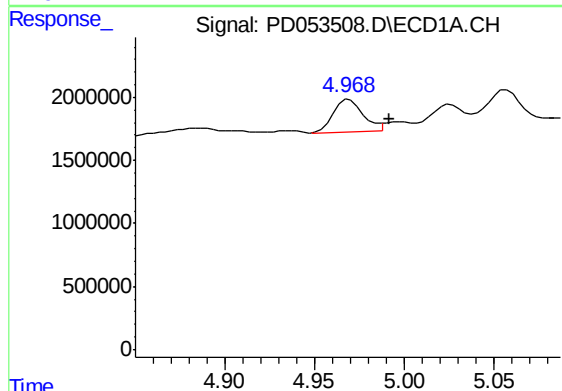
R.T.: 4.475 min  
Delta R.T.: 0.006 min  
Response: 7931245  
Conc: 9.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



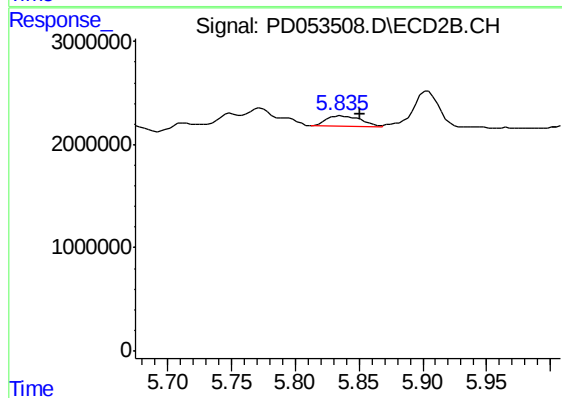
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 9447093  
Conc: 7.76 ng/ml



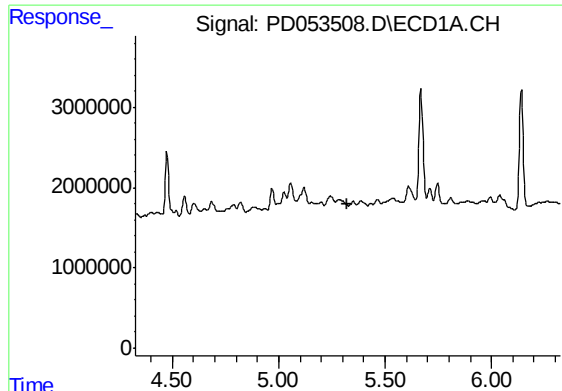
#8 Heptachlor epoxide

R.T.: 4.969 min  
Delta R.T.: -0.023 min  
Response: 2915645  
Conc: 3.69 ng/ml



#8 Heptachlor epoxide

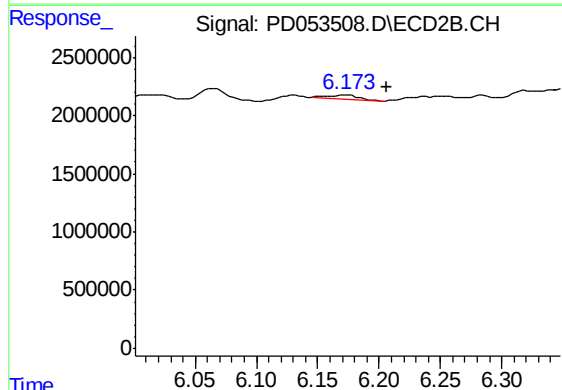
R.T.: 5.836 min  
Delta R.T.: -0.015 min  
Response: 1941373  
Conc: 1.65 ng/ml



#9 Endosulfan I

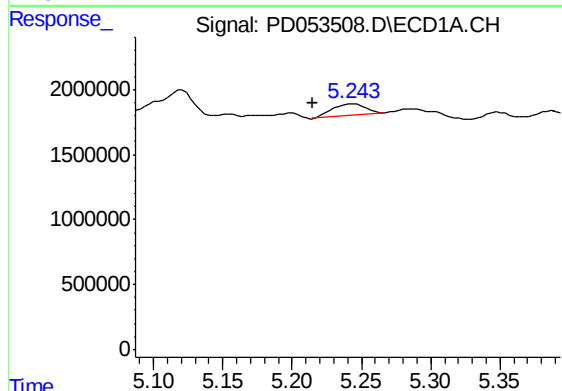
R.T.: 0.000 min  
Exp R.T.: 5.324 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



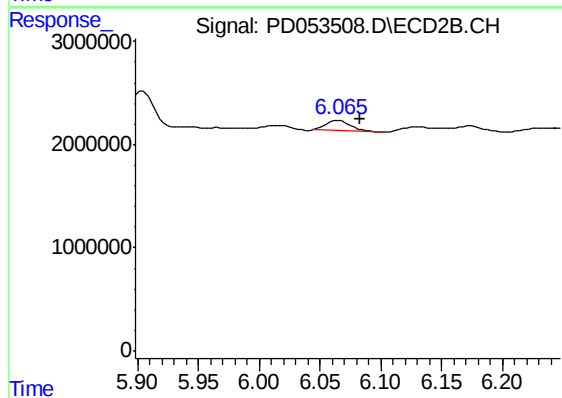
#9 Endosulfan I

R.T.: 6.174 min  
Delta R.T.: -0.032 min  
Response: 495260  
Conc: 0.45 ng/ml



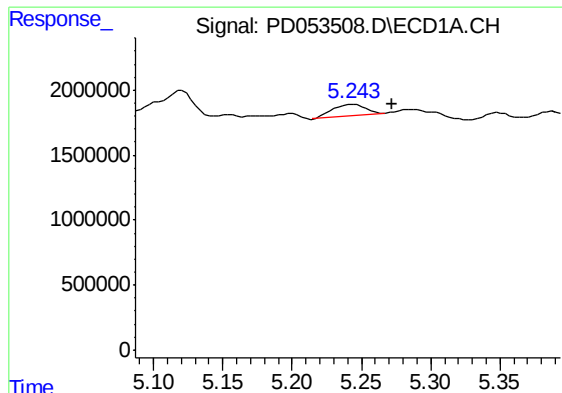
#10 trans-Chlordane

R.T.: 5.244 min  
Delta R.T.: 0.029 min  
Response: 1447676  
Conc: 1.65 ng/ml



#10 trans-Chlordane

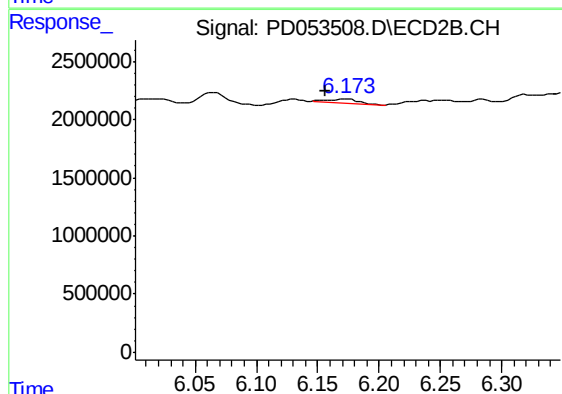
R.T.: 6.066 min  
Delta R.T.: -0.018 min  
Response: 1421576  
Conc: 1.11 ng/ml



#11 cis-Chlordane

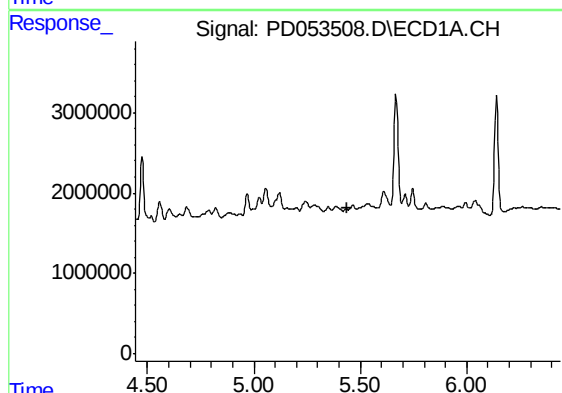
R.T.: 5.244 min  
Delta R.T.: -0.029 min  
Response: 1447676  
Conc: 1.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



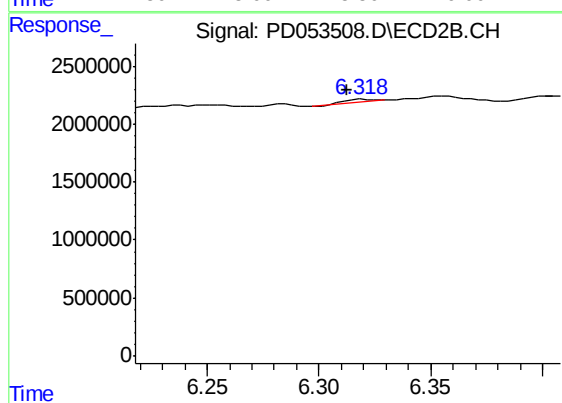
#11 cis-Chlordane

R.T.: 6.174 min  
Delta R.T.: 0.018 min  
Response: 495260  
Conc: 0.39 ng/ml



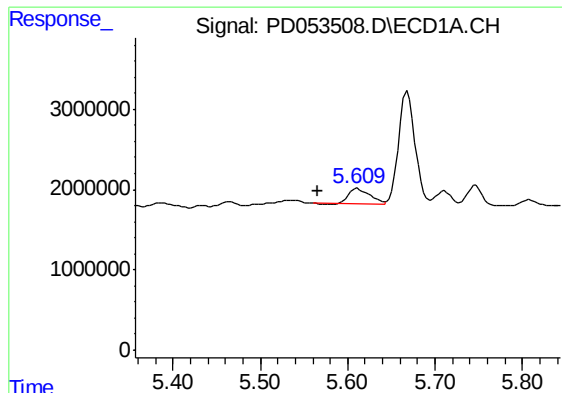
#12 4,4'-DDE

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



#12 4,4'-DDE

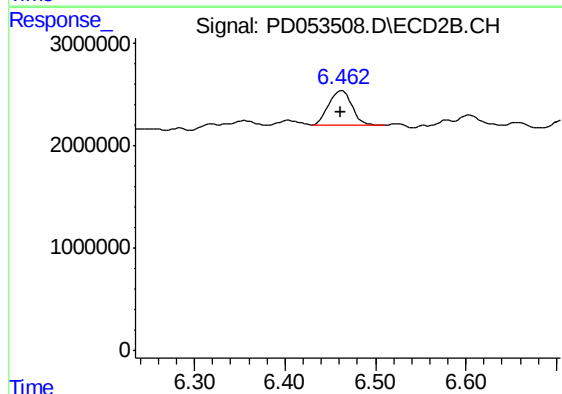
R.T.: 6.320 min  
Delta R.T.: 0.008 min  
Response: 218058  
Conc: 0.18 ng/ml



#13 Dielddrin

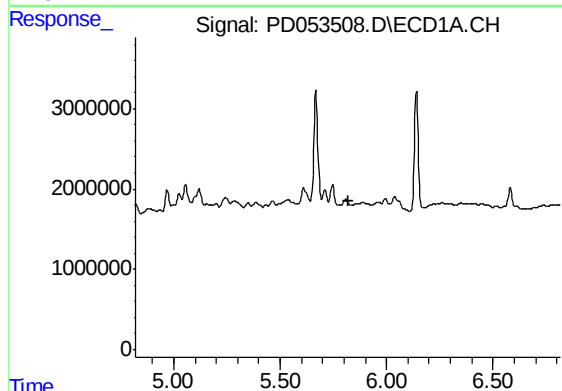
R.T.: 5.611 min  
Delta R.T.: 0.046 min  
Response: 3215671  
Conc: 3.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



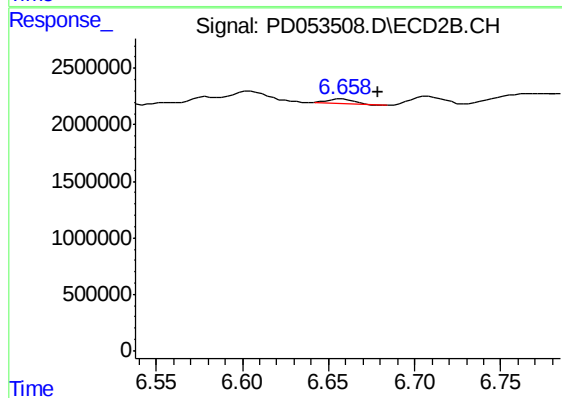
#13 Dielddrin

R.T.: 6.463 min  
Delta R.T.: 0.002 min  
Response: 6026864  
Conc: 4.78 ng/ml



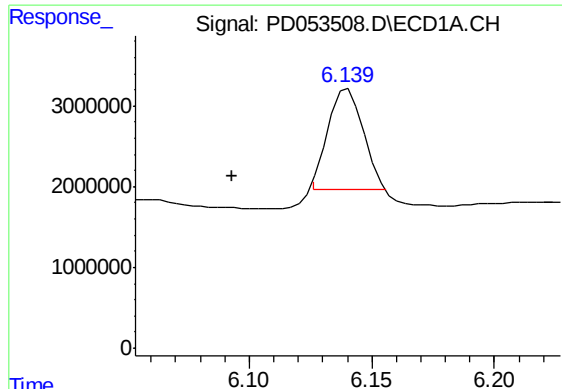
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 5.819 min  
Response: 0  
Conc: N.D.



#14 Endrin

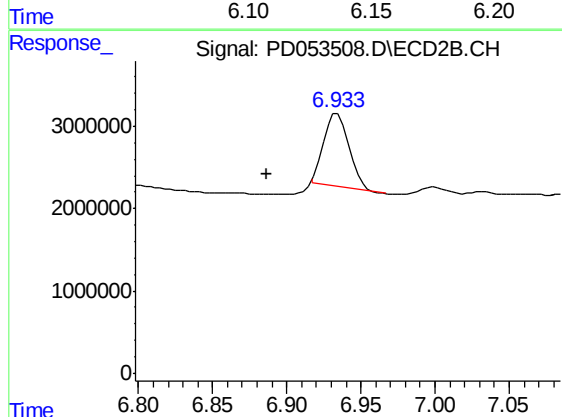
R.T.: 6.657 min  
Delta R.T.: -0.022 min  
Response: 449487  
Conc: 0.50 ng/ml



#15 Endosulfan II

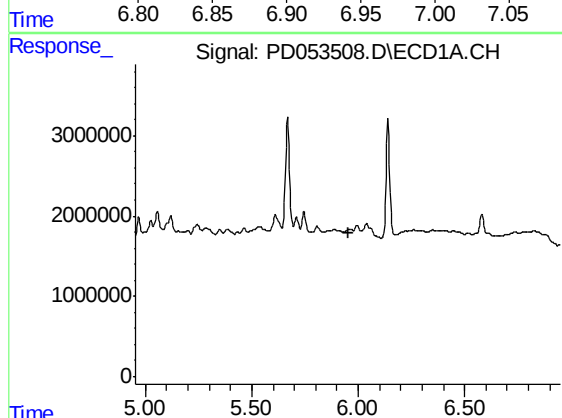
R.T.: 6.140 min  
Delta R.T.: 0.048 min  
Response: 12205684  
Conc: 17.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



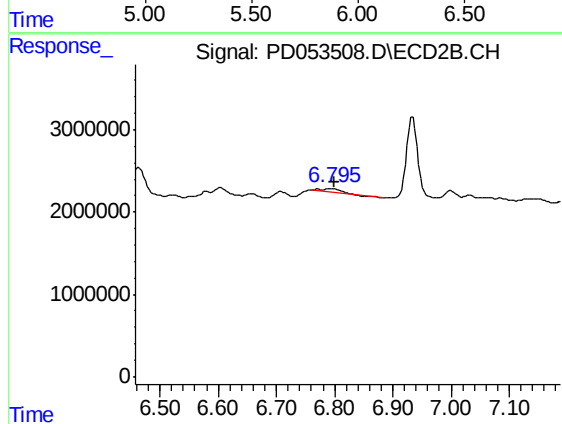
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.048 min  
Response: 10280970  
Conc: 9.79 ng/ml



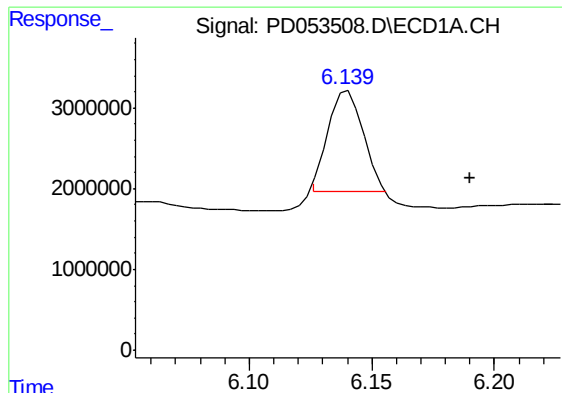
#16 4,4'-DDD

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



#16 4,4'-DDD

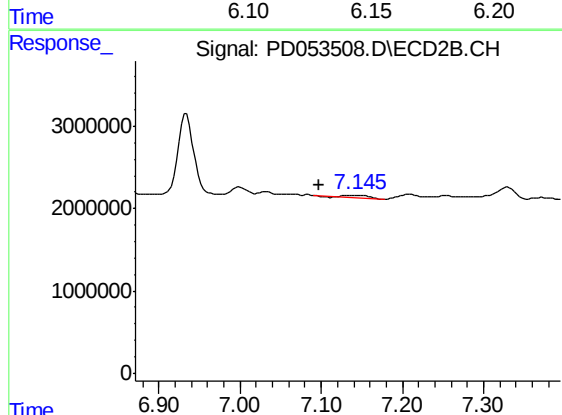
R.T.: 6.793 min  
Delta R.T.: -0.005 min  
Response: 993617  
Conc: 1.08 ng/ml



#17 4,4'-DDT

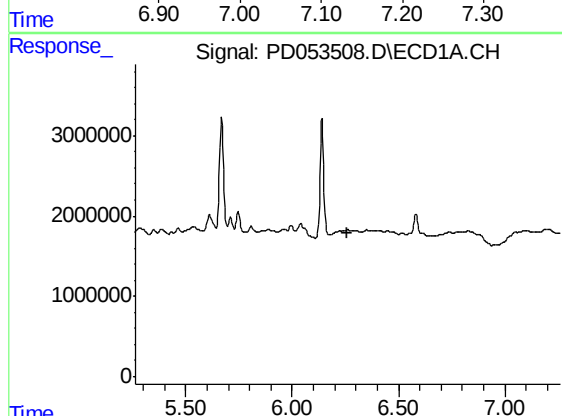
R.T.: 6.140 min  
Delta R.T.: -0.050 min  
Response: 12205684  
Conc: 22.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



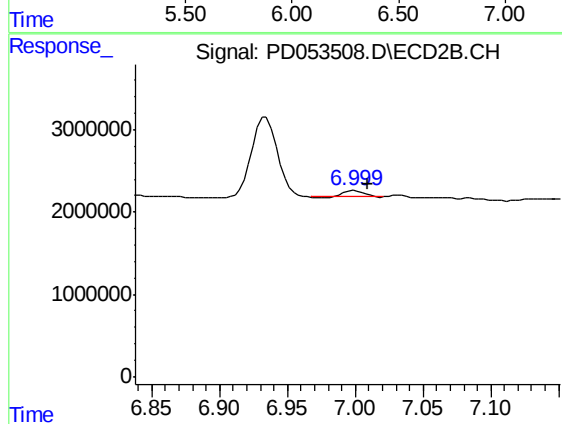
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.050 min  
Response: 532184  
Conc: 0.60 ng/ml



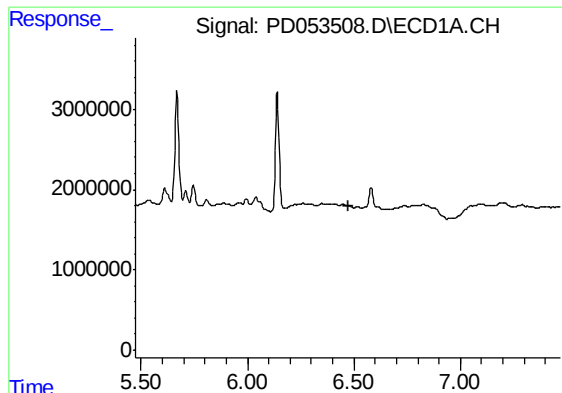
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.262 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

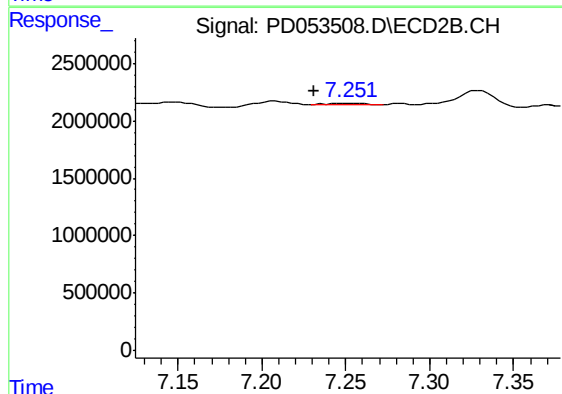
R.T.: 7.000 min  
Delta R.T.: -0.009 min  
Response: 772325  
Conc: 0.86 ng/ml



#19 Endosulfan Sulfate

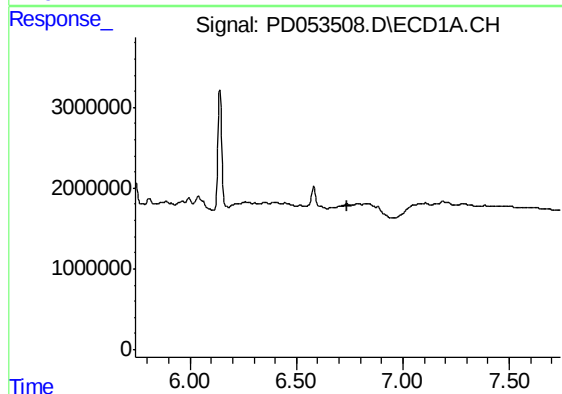
R.T.: 0.000 min  
Exp R.T. : 6.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



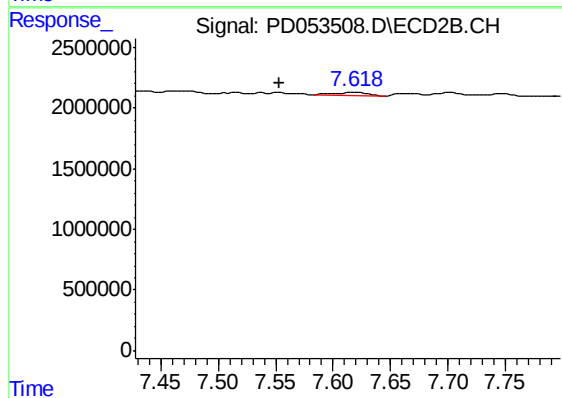
#19 Endosulfan Sulfate

R.T.: 7.253 min  
Delta R.T.: 0.022 min  
Response: 148857  
Conc: 0.14 ng/ml



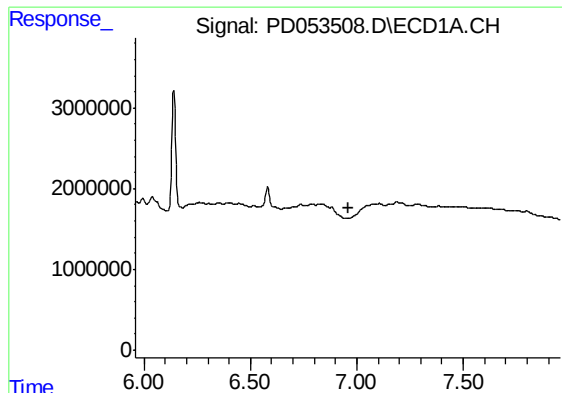
#20 Methoxychlor

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



#20 Methoxychlor

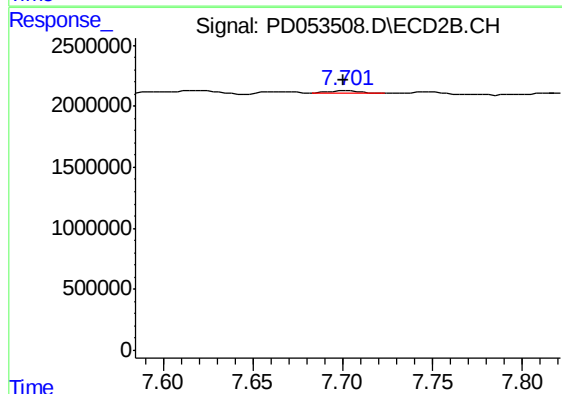
R.T.: 7.619 min  
Delta R.T.: 0.066 min  
Response: 511952  
Conc: 1.19 ng/ml



#21 Endrin ketone

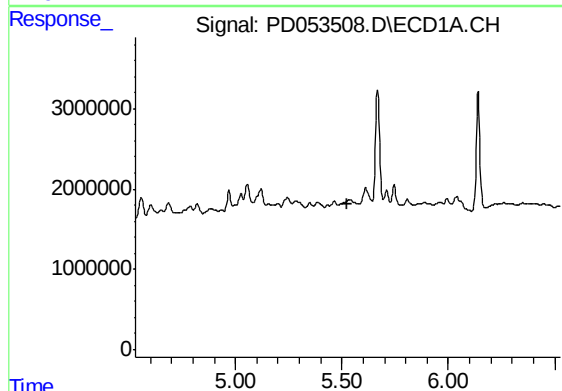
R.T.: 0.000 min  
Exp R.T. : 6.959 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



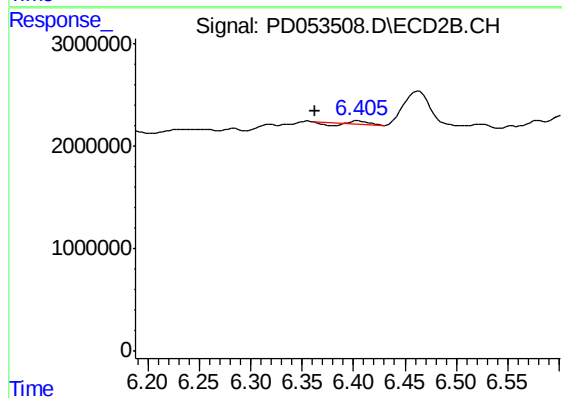
#21 Endrin ketone

R.T.: 7.703 min  
Delta R.T.: 0.002 min  
Response: 206740  
Conc: 0.19 ng/ml



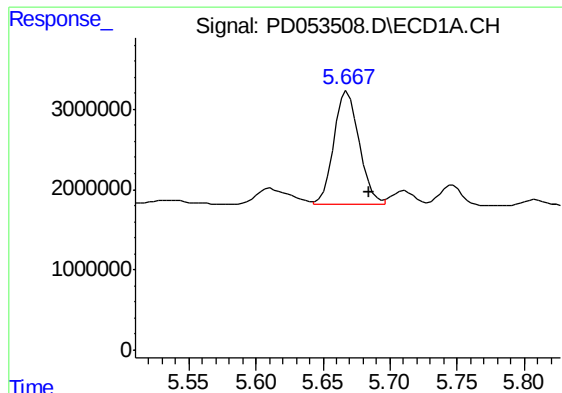
#22 Toxaphene-1

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



#22 Toxaphene-1

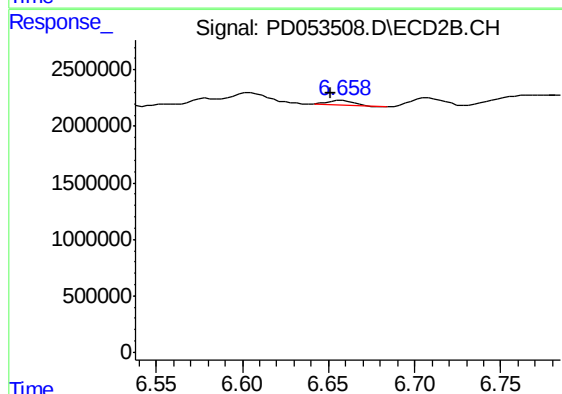
R.T.: 6.405 min  
Delta R.T.: 0.042 min  
Response: 161421  
Conc: 28.12 ng/ml



#23 Toxaphene-2

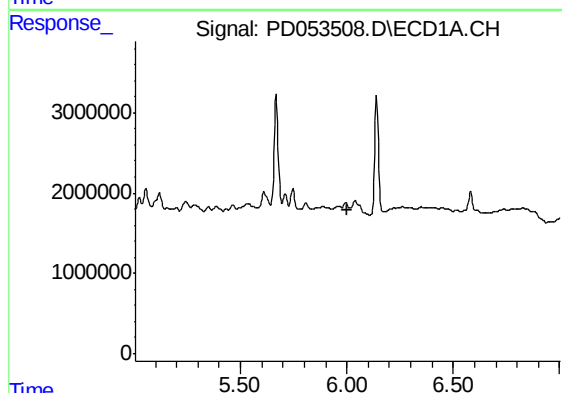
R.T.: 5.668 min  
Delta R.T.: -0.016 min  
Response: 18611856  
Conc: 3951.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



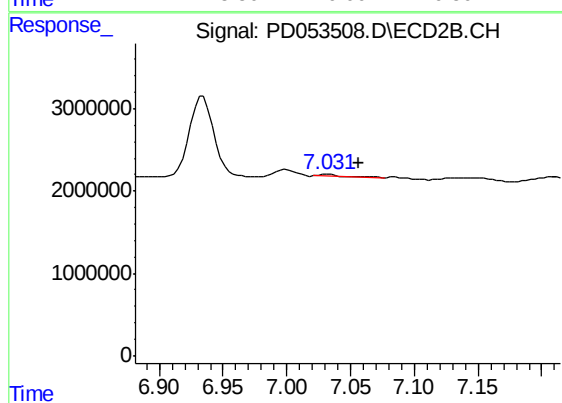
#23 Toxaphene-2

R.T.: 6.657 min  
Delta R.T.: 0.006 min  
Response: 449487  
Conc: 62.99 ng/ml



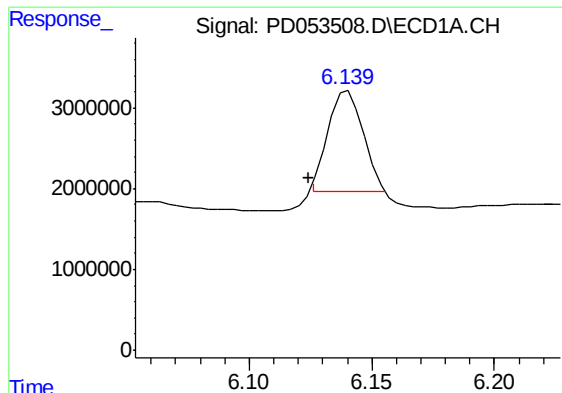
#24 Toxaphene-3

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



#24 Toxaphene-3

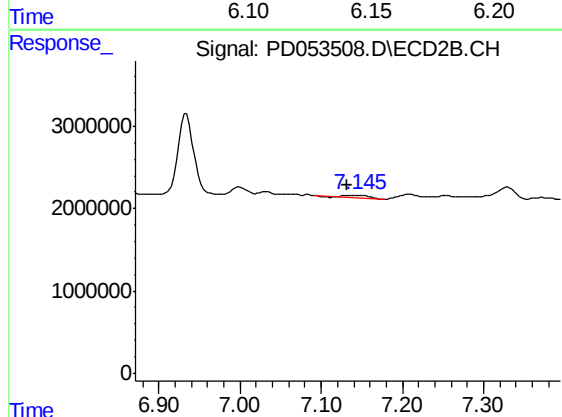
R.T.: 7.032 min  
Delta R.T.: -0.024 min  
Response: 169981  
Conc: 16.73 ng/ml



#25 Toxaphene-4

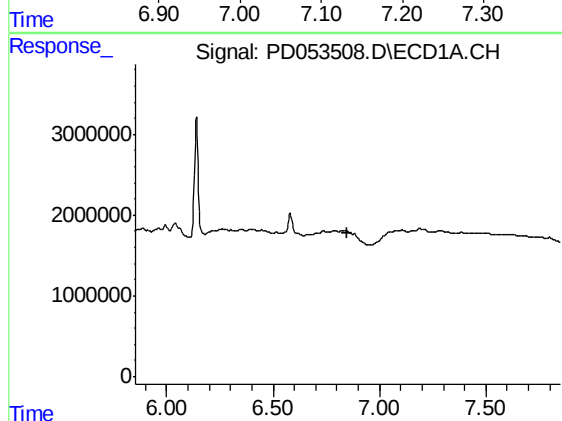
R.T.: 6.140 min  
Delta R.T.: 0.016 min  
Response: 12205684  
Conc: 1004.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



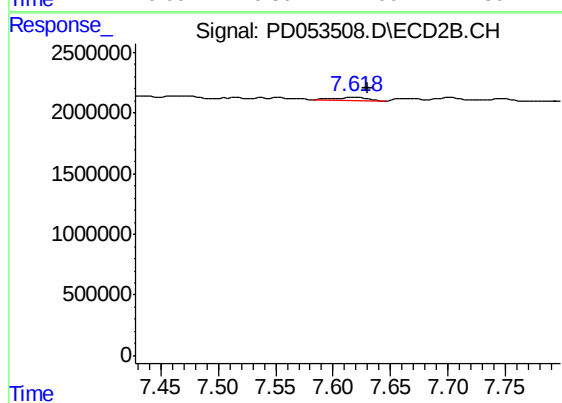
#25 Toxaphene-4

R.T.: 7.147 min  
Delta R.T.: 0.015 min  
Response: 532184  
Conc: 18.67 ng/ml



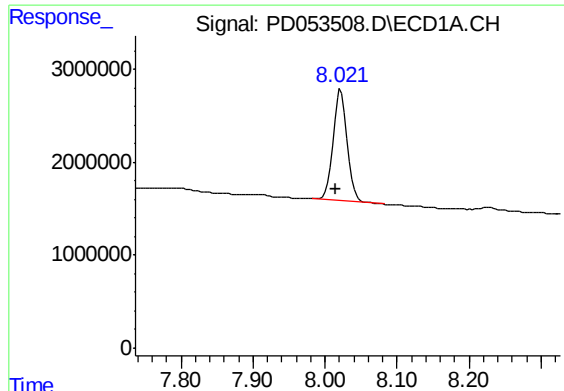
#26 Toxaphene-5

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



#26 Toxaphene-5

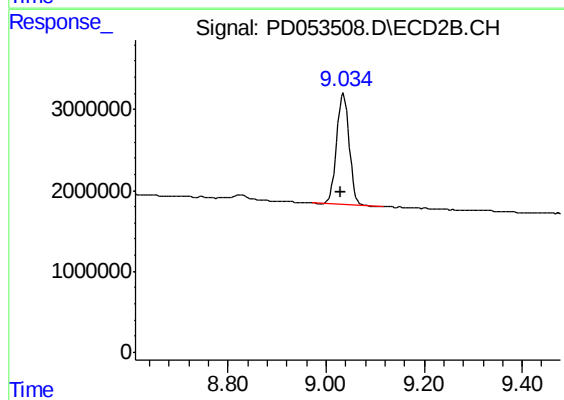
R.T.: 7.619 min  
Delta R.T.: -0.011 min  
Response: 511952  
Conc: 40.59 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.022 min  
Delta R.T.: 0.007 min  
Response: 16351588  
Conc: 24.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DB8J9



#27 Decachlorobiphenyl

R.T.: 9.036 min  
Delta R.T.: 0.006 min  
Response: 24778299  
Conc: 23.99 ng/ml