

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030920\  
 Data File : PD057556.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2020 14:18  
 Operator : AJ\MA  
 Sample : INDB328  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDB328

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 01:11:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030620CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 09 05:47:43 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 x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|----------|
| -----                       |                 |        |        |          |          |          |          |
| System Monitoring Compounds |                 |        |        |          |          |          |          |
| 1)                          | SA Tetrachlo... | 3.230  | 3.895  | 21117173 | 47244840 | 19.958   | 19.625   |
| 27)                         | SA Decachlor... | 7.870  | 8.898  | 44403148 | 87992581 | 36.075   | 33.977   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.609f | 4.322f | 382821   | 4982028  | 0.244    | 1.394 #  |
| 3)                          | MA gamma-BHC... | 3.932  | 0.000  | 370783   | 0        | 0.238    | N.D. #   |
| 4)                          | MA Heptachlor   | 4.173f | 5.106f | 13210630 | 172380   | 9.349    | <MDL #   |
| 5)                          | MB Aldrin       | 4.441  | 5.362  | 27453223 | 69932783 | 19.415   | 19.345   |
| 6)                          | B beta-BHC      | 4.173  | 4.730  | 13210630 | 32250808 | 19.900   | 19.362   |
| 7)                          | B delta-BHC     | 4.365  | 4.942  | 30084526 | 58194896 | 19.070   | 19.439   |
| 8)                          | B Heptachlo...  | 4.874  | 5.745  | 25564232 | 64571728 | 19.285   | 18.798   |
| 9)                          | A Endosulfan I  | 5.150f | 6.098  | 26462596 | 455056   | 21.047   | 0.139 #  |
| 10)                         | B trans-Chl...  | 5.093  | 5.977  | 26228615 | 67884190 | 19.332   | 18.993   |
| 11)                         | B cis-Chlor...  | 5.150  | 6.049  | 26462596 | 68159010 | 19.366   | 19.015   |
| 12)                         | B 4,4'-DDE      | 5.319  | 6.208  | 51046311 | 128.0E6  | 37.980   | 37.641   |
| 13)                         | MA Dieldrin     | 0.000  | 6.353  | 0        | 151526   | N.D.     | <MDL     |
| 14)                         | MA Endrin       | 0.000  | 6.606  | 0        | 389495   | N.D.     | 0.133    |
| 15)                         | B Endosulfa...  | 5.963  | 6.778  | 46206677 | 110.7E6  | 37.958   | 37.270   |
| 16)                         | A 4,4'-DDD      | 5.822  | 0.000  | 282895   | 0        | 0.251    | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.980  | 0        | 758177   | N.D.     | 0.270    |
| 18)                         | B Endrin al...  | 6.131  | 6.901  | 38751471 | 93509389 | 37.842   | 37.051   |
| 19)                         | B Endosulfa...  | 6.340  | 7.123  | 46619658 | 111.1E6  | 37.363   | 36.371   |
| 21)                         | B Endrin ke...  | 6.821  | 7.590  | 52110206 | 109.6E6  | 37.004   | 36.115   |
| 22)                         | Toxaphene-1     | 0.000  | 6.208  | 0        | 128.0E6  | N.D.     | 8011.699 |
| 23)                         | Toxaphene-2     | 0.000  | 6.606  | 0        | 389495   | N.D.     | 18.862   |
| 24)                         | Toxaphene-3     | 5.822  | 6.980  | 282895   | 758177   | 43.421   | 27.324 # |
| 25)                         | Toxaphene-4     | 5.963  | 6.980  | 46206677 | 758177   | 2114.811 | 9.803 #  |
| 26)                         | Toxaphene-5     | 0.000  | 7.543  | 0        | 805651   | N.D.     | 22.734   |
| -----                       |                 |        |        |          |          |          |          |

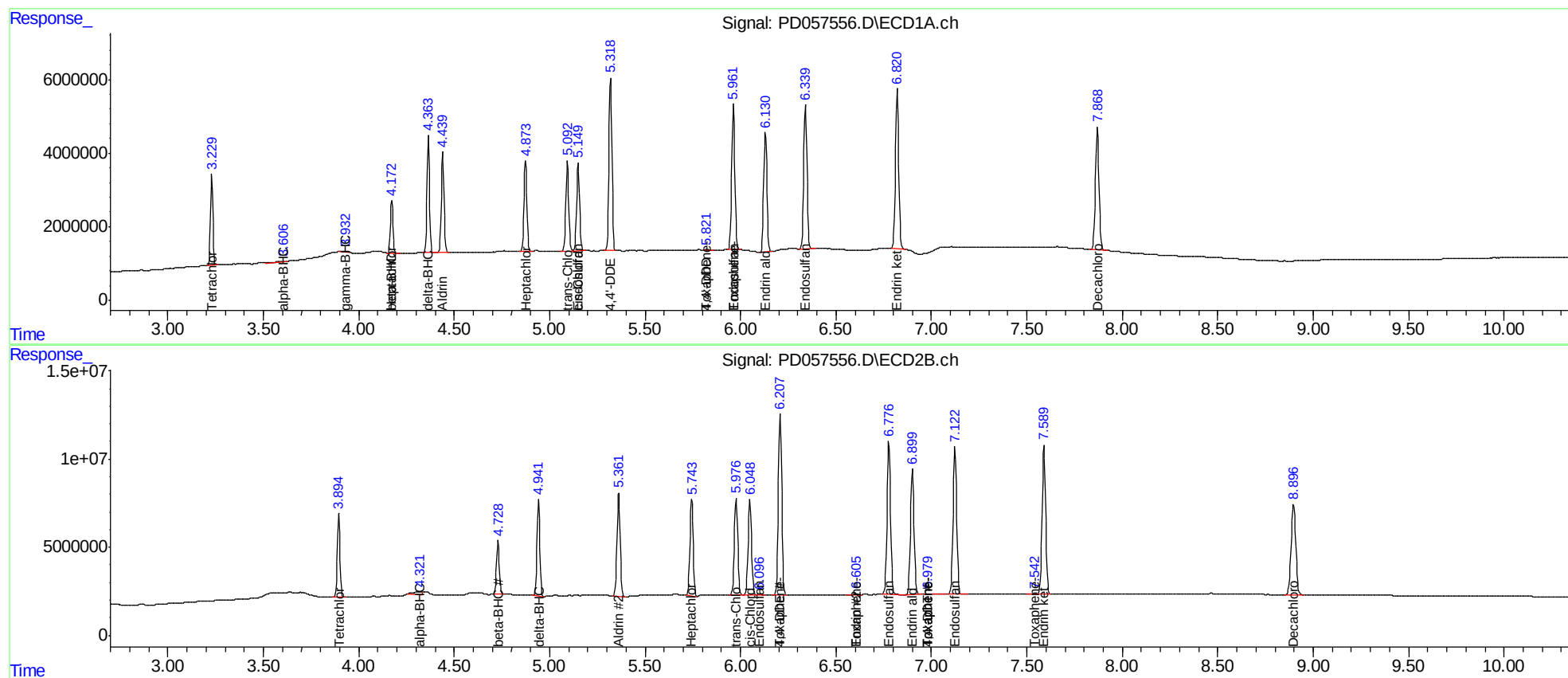
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

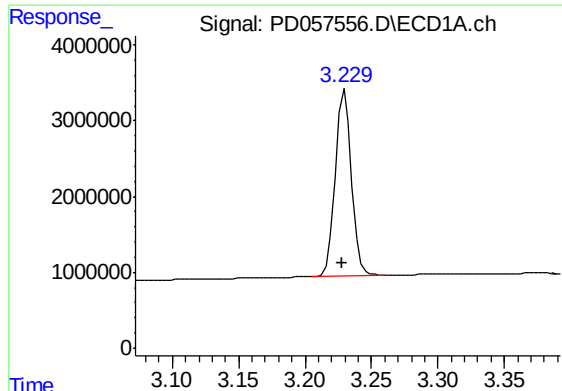
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030920\  
Data File : PD057556.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2020 14:18  
Operator : AJ\MA  
Sample : INDB328  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 01:11:22 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030620CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 09 05:47:43 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 x 0.50µm

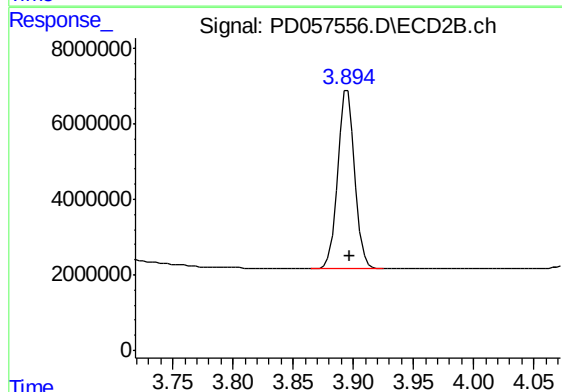




#1 Tetrachloro-m-xylene

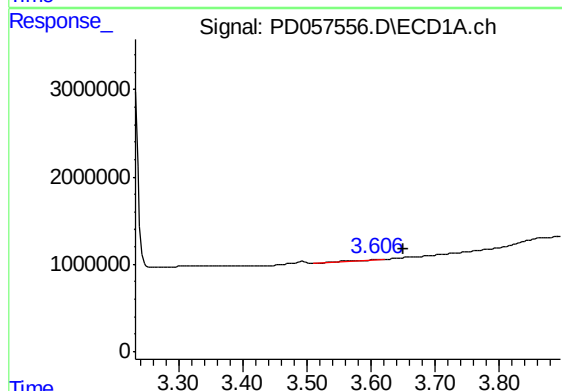
R.T.: 3.230 min  
Delta R.T.: 0.002 min  
Response: 21117173  
Conc: 19.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



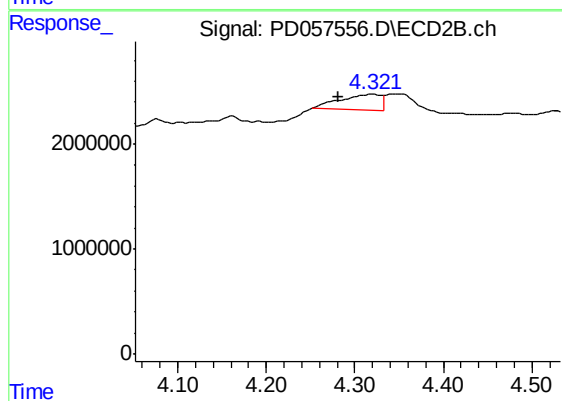
#1 Tetrachloro-m-xylene

R.T.: 3.895 min  
Delta R.T.: -0.002 min  
Response: 47244840  
Conc: 19.62 ng/ml



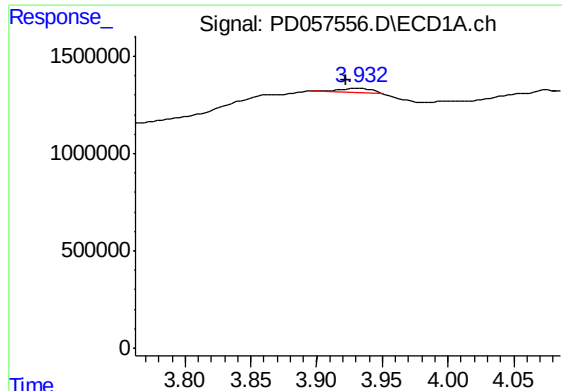
#2 alpha-BHC

R.T.: 3.609 min  
Delta R.T.: -0.042 min  
Response: 382821  
Conc: 0.24 ng/ml



#2 alpha-BHC

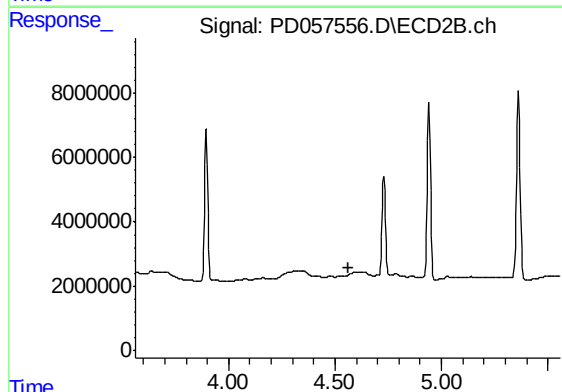
R.T.: 4.322 min  
Delta R.T.: 0.041 min  
Response: 4982028  
Conc: 1.39 ng/ml



#3 gamma-BHC (Lindane)

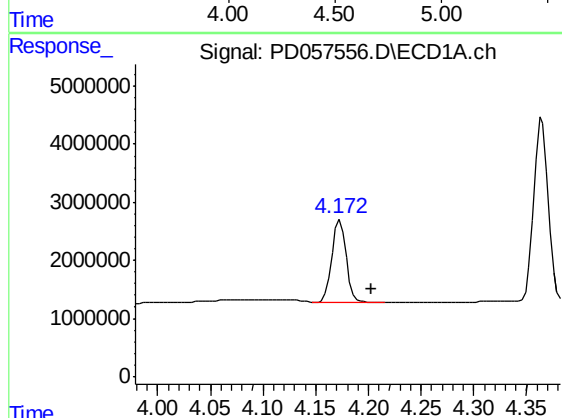
R.T.: 3.932 min  
Delta R.T.: 0.010 min  
Response: 370783  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



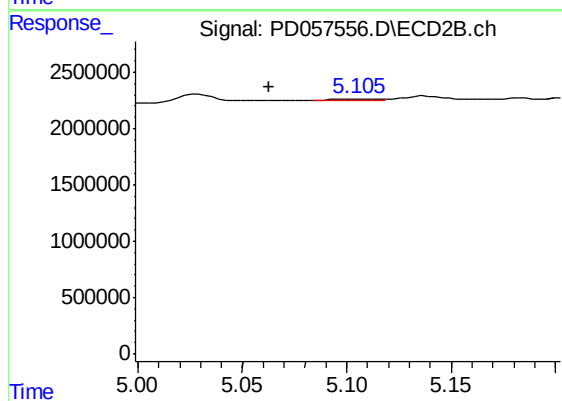
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.562 min  
Response: 0  
Conc: N.D.



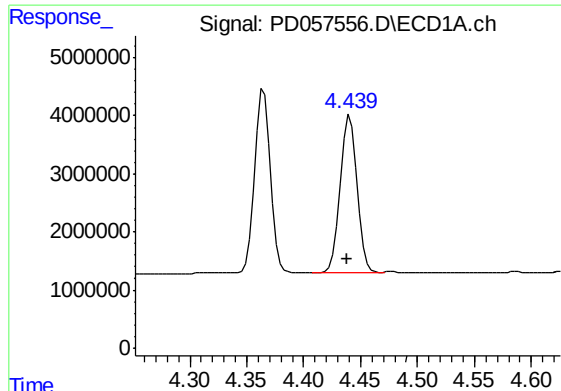
#4 Heptachlor

R.T.: 4.173 min  
Delta R.T.: -0.030 min  
Response: 13210630  
Conc: 9.35 ng/ml



#4 Heptachlor

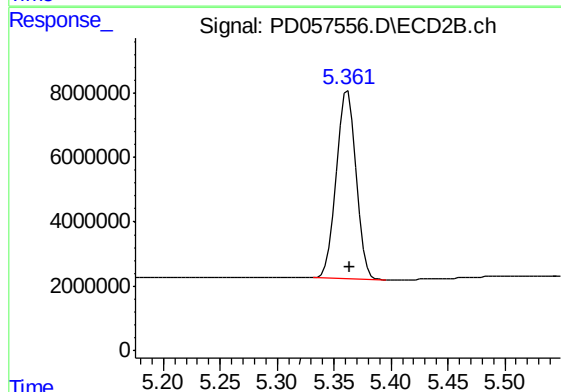
R.T.: 5.106 min  
Delta R.T.: 0.043 min  
Response: 172380  
Conc: N.D.



#5 Aldrin

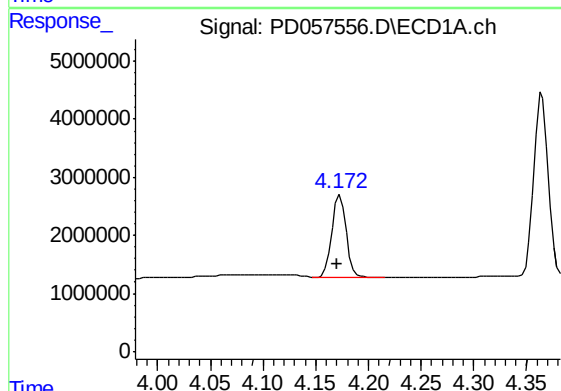
R.T.: 4.441 min  
Delta R.T.: 0.003 min  
Response: 27453223  
Conc: 19.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



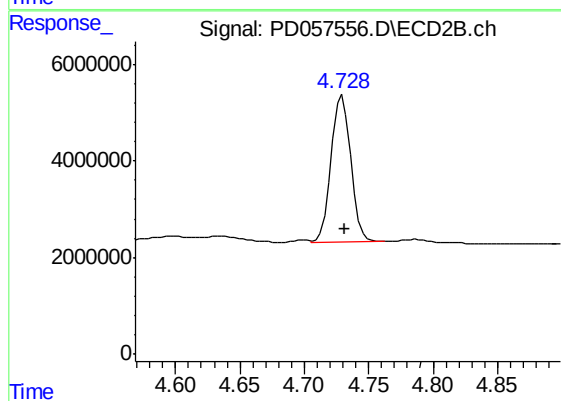
#5 Aldrin

R.T.: 5.362 min  
Delta R.T.: -0.002 min  
Response: 69932783  
Conc: 19.35 ng/ml



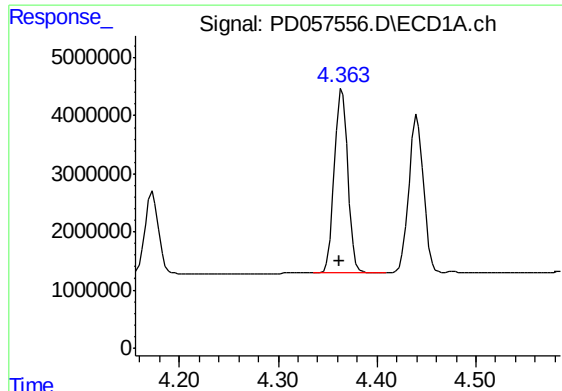
#6 beta-BHC

R.T.: 4.173 min  
Delta R.T.: 0.003 min  
Response: 13210630  
Conc: 19.90 ng/ml



#6 beta-BHC

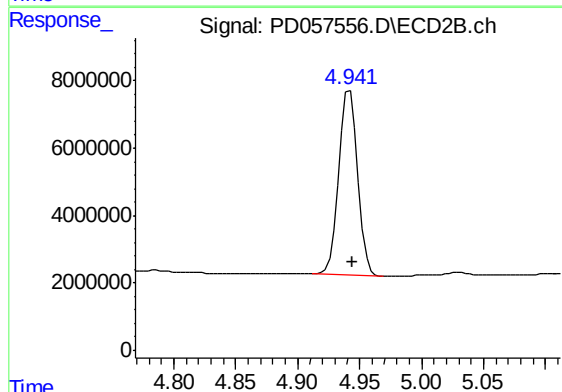
R.T.: 4.730 min  
Delta R.T.: -0.002 min  
Response: 32250808  
Conc: 19.36 ng/ml



#7 delta-BHC

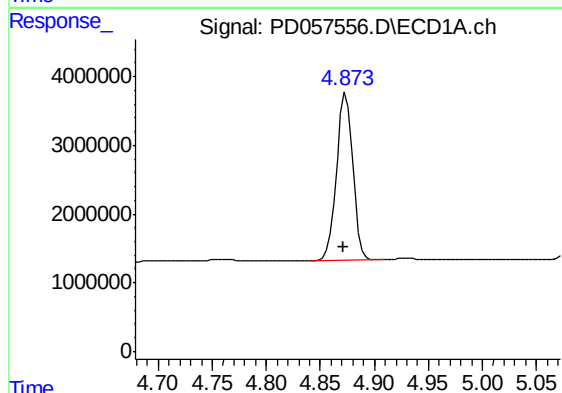
R.T.: 4.365 min  
Delta R.T.: 0.002 min  
Response: 30084526  
Conc: 19.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



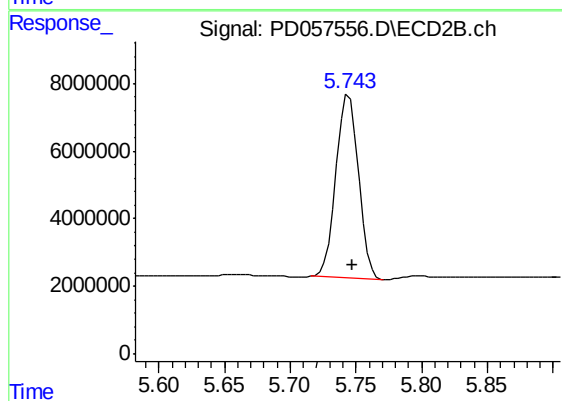
#7 delta-BHC

R.T.: 4.942 min  
Delta R.T.: -0.002 min  
Response: 58194896  
Conc: 19.44 ng/ml



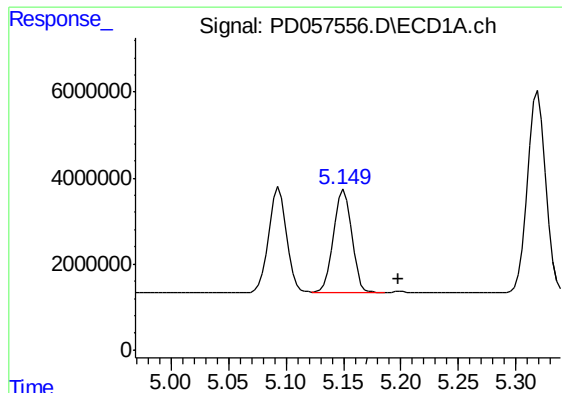
#8 Heptachlor epoxide

R.T.: 4.874 min  
Delta R.T.: 0.003 min  
Response: 25564232  
Conc: 19.29 ng/ml



#8 Heptachlor epoxide

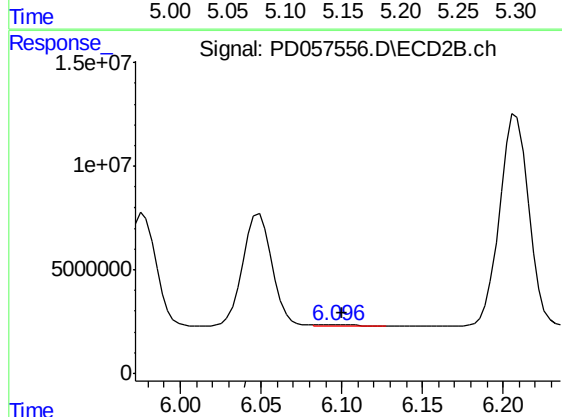
R.T.: 5.745 min  
Delta R.T.: -0.003 min  
Response: 64571728  
Conc: 18.80 ng/ml



#9 Endosulfan I

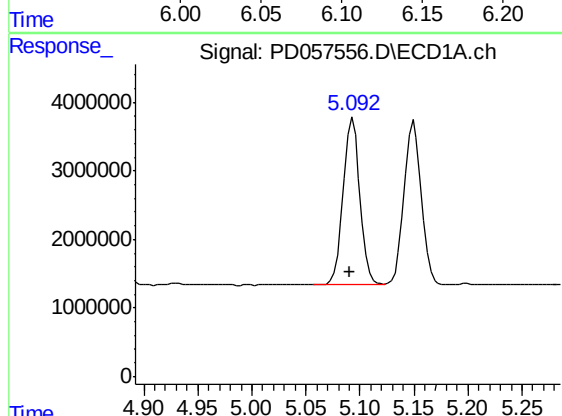
R.T.: 5.150 min  
Delta R.T.: -0.048 min  
Response: 26462596  
Conc: 21.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



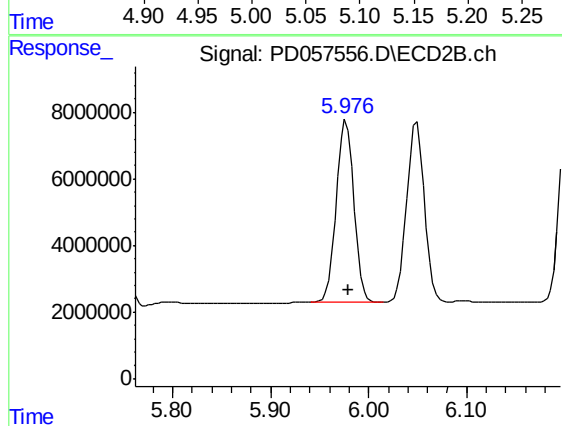
#9 Endosulfan I

R.T.: 6.098 min  
Delta R.T.: -0.002 min  
Response: 455056  
Conc: 0.14 ng/ml



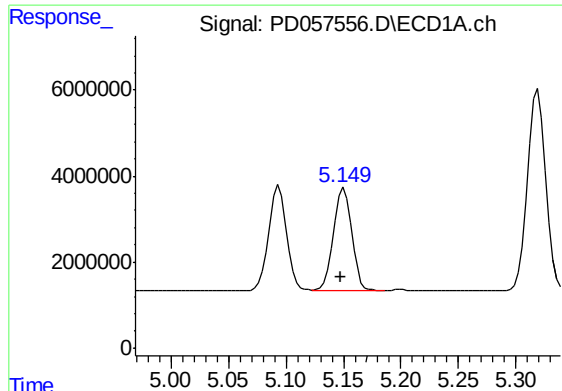
#10 trans-Chlordane

R.T.: 5.093 min  
Delta R.T.: 0.002 min  
Response: 26228615  
Conc: 19.33 ng/ml



#10 trans-Chlordane

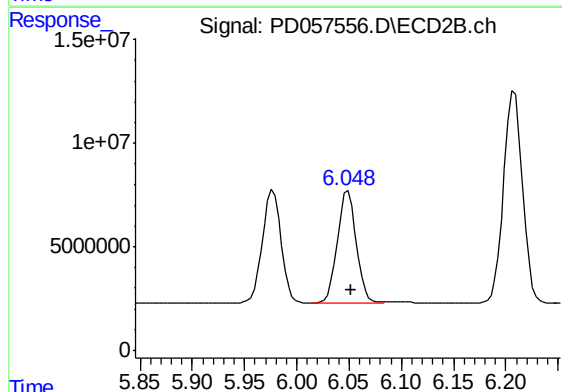
R.T.: 5.977 min  
Delta R.T.: -0.002 min  
Response: 67884190  
Conc: 18.99 ng/ml



#11 cis-Chlordane

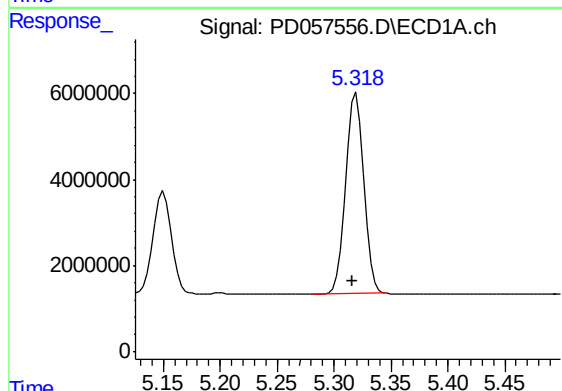
R.T.: 5.150 min  
Delta R.T.: 0.002 min  
Response: 26462596  
Conc: 19.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



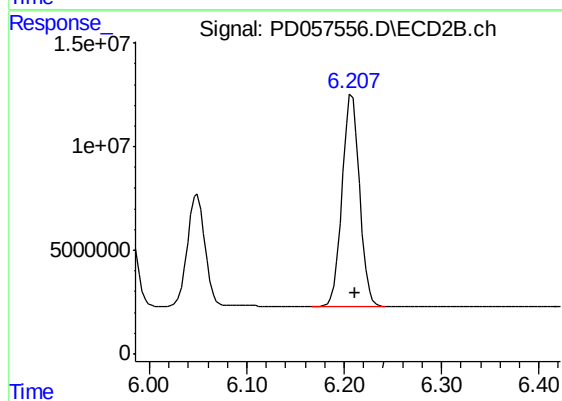
#11 cis-Chlordane

R.T.: 6.049 min  
Delta R.T.: -0.003 min  
Response: 68159010  
Conc: 19.02 ng/ml



#12 4,4'-DDE

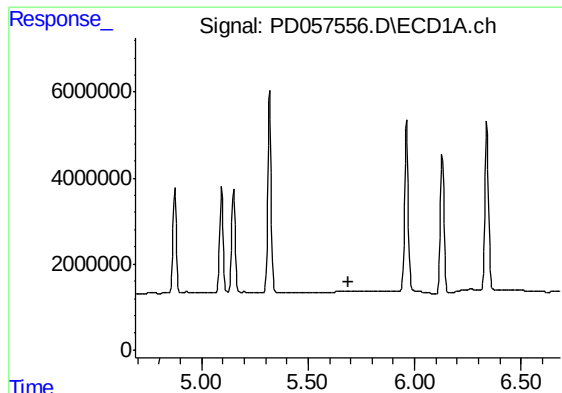
R.T.: 5.319 min  
Delta R.T.: 0.003 min  
Response: 51046311  
Conc: 37.98 ng/ml



#12 4,4'-DDE

R.T.: 6.208 min  
Delta R.T.: -0.003 min  
Response: 128026361  
Conc: 37.64 ng/ml

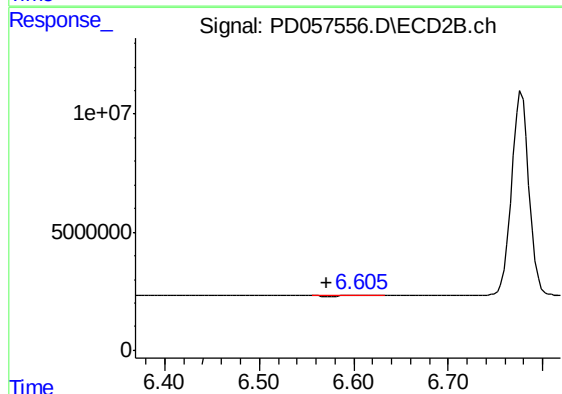




#14 Endrin

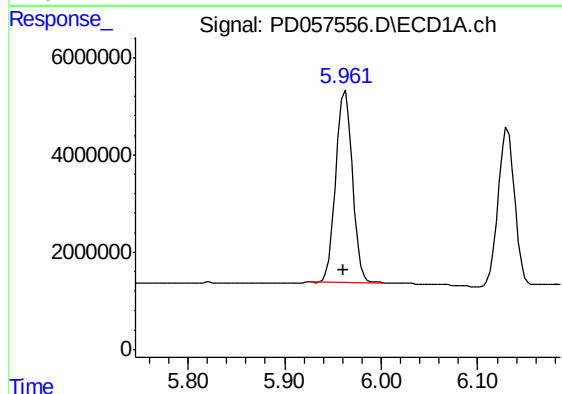
R.T.: 0.000 min  
Exp R.T.: 5.688 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



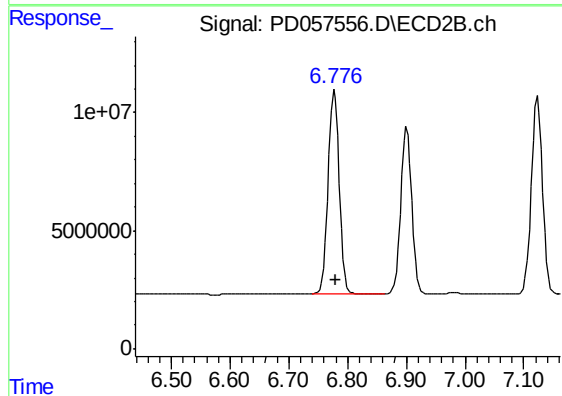
#14 Endrin

R.T.: 6.606 min  
Delta R.T.: 0.035 min  
Response: 389495  
Conc: 0.13 ng/ml



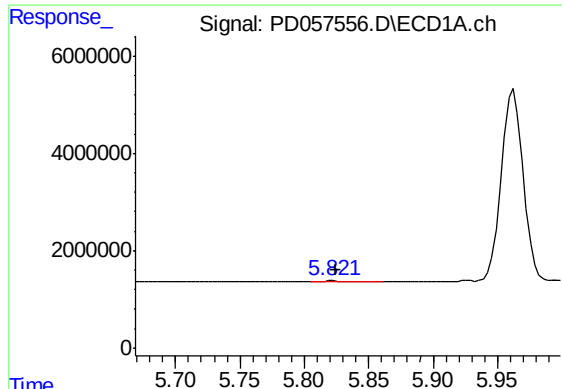
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: 0.003 min  
Response: 46206677  
Conc: 37.96 ng/ml



#15 Endosulfan II

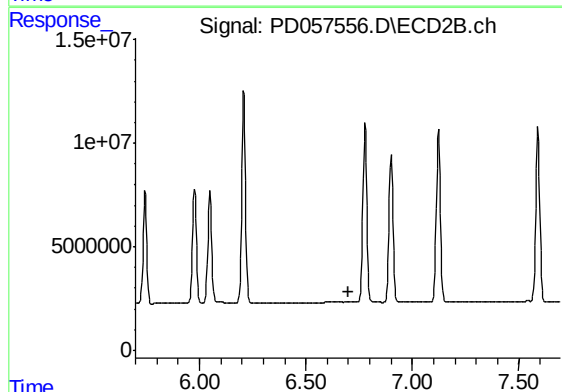
R.T.: 6.778 min  
Delta R.T.: -0.003 min  
Response: 110658164  
Conc: 37.27 ng/ml



#16 4,4'-DDD

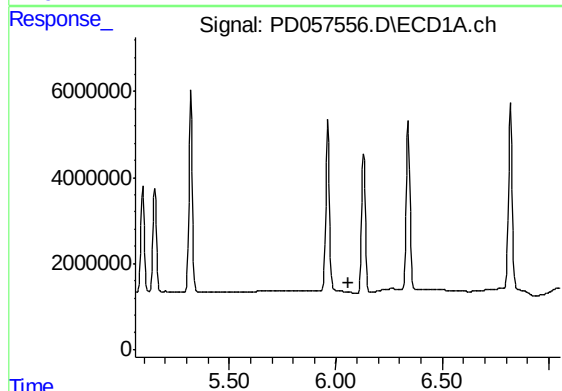
R.T.: 5.822 min  
Delta R.T.: -0.002 min  
Response: 282895  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



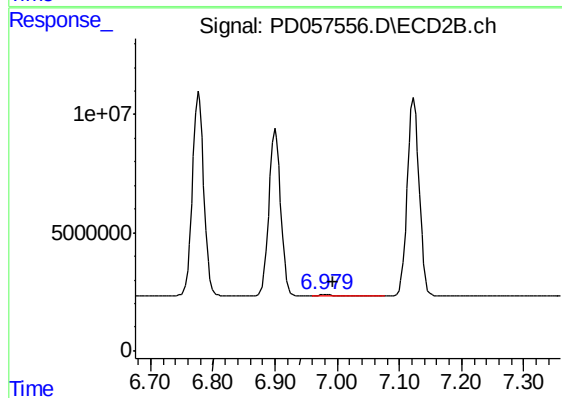
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.697 min  
Response: 0  
Conc: N.D.



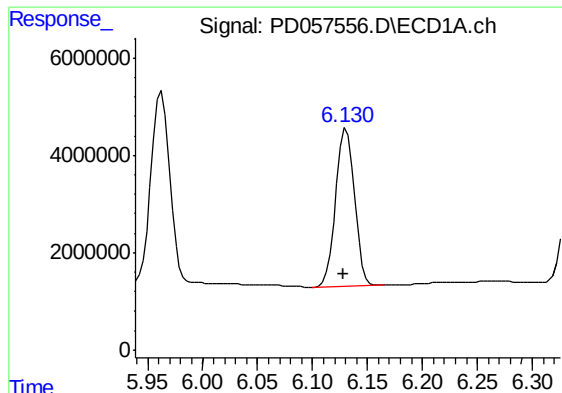
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.058 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

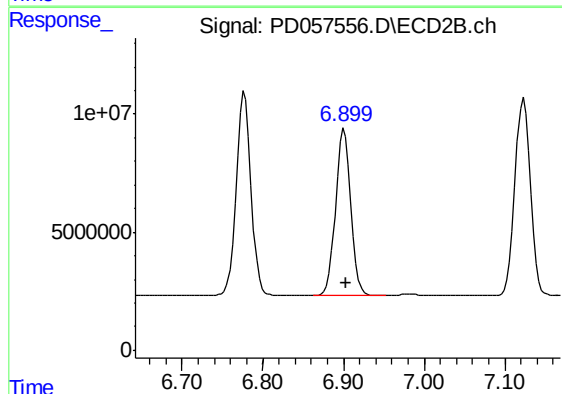
R.T.: 6.980 min  
Delta R.T.: -0.014 min  
Response: 758177  
Conc: 0.27 ng/ml



#18 Endrin aldehyde

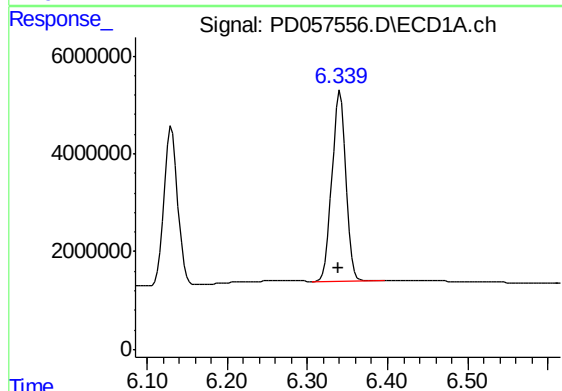
R.T.: 6.131 min  
Delta R.T.: 0.003 min  
Response: 38751471  
Conc: 37.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



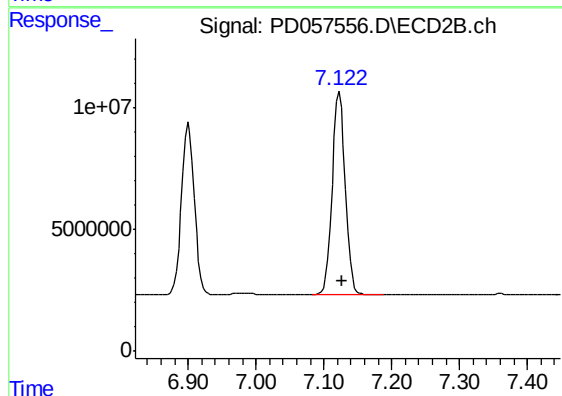
#18 Endrin aldehyde

R.T.: 6.901 min  
Delta R.T.: -0.003 min  
Response: 93509389  
Conc: 37.05 ng/ml



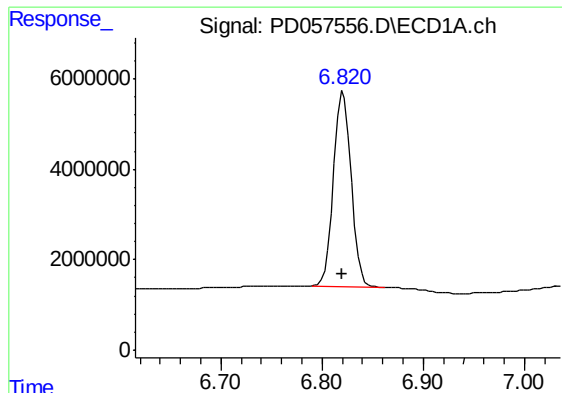
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 46619658  
Conc: 37.36 ng/ml



#19 Endosulfan Sulfate

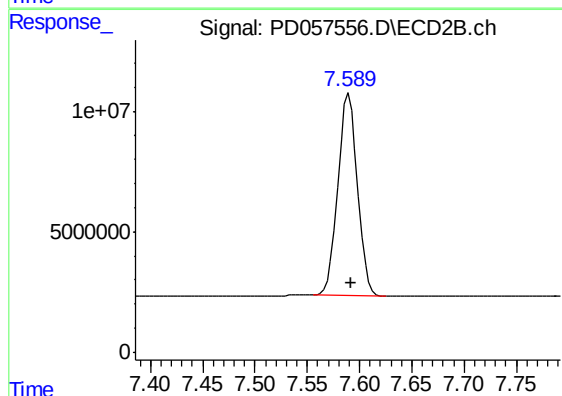
R.T.: 7.123 min  
Delta R.T.: -0.003 min  
Response: 111070674  
Conc: 36.37 ng/ml



#21 Endrin ketone

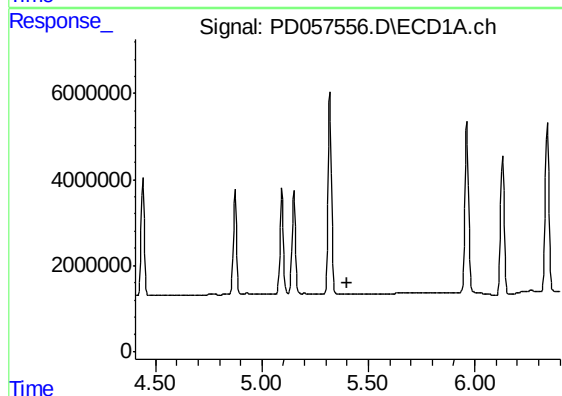
R.T.: 6.821 min  
Delta R.T.: 0.002 min  
Response: 52110206  
Conc: 37.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



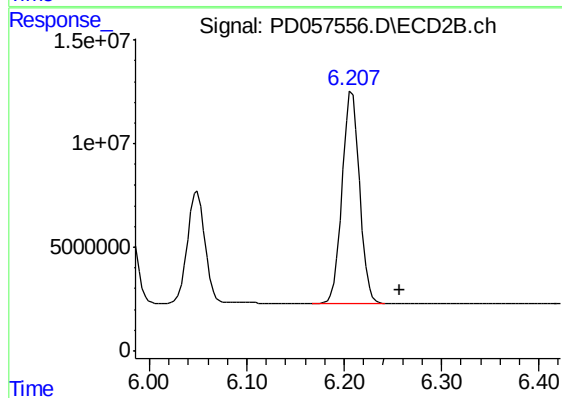
#21 Endrin ketone

R.T.: 7.590 min  
Delta R.T.: -0.003 min  
Response: 109560787  
Conc: 36.12 ng/ml



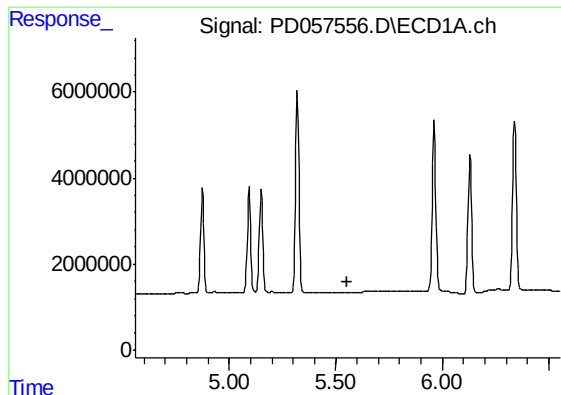
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.403 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

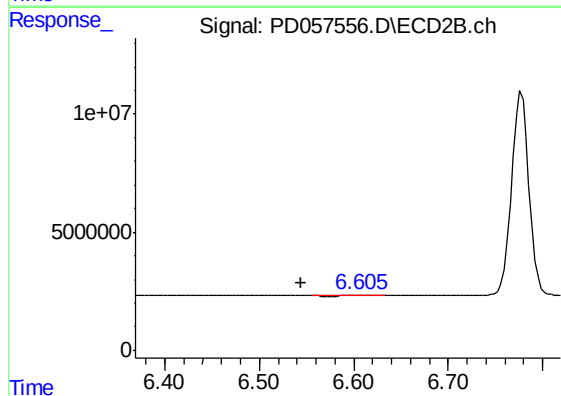
R.T.: 6.208 min  
Delta R.T.: -0.049 min  
Response: 128026361  
Conc: 8011.70 ng/ml



#23 Toxaphene-2

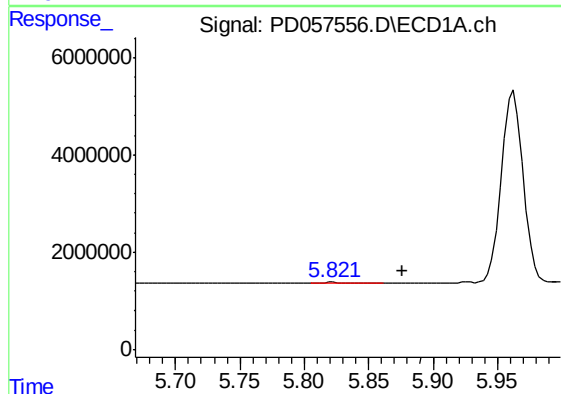
R.T.: 0.000 min  
Exp R.T.: 5.556 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



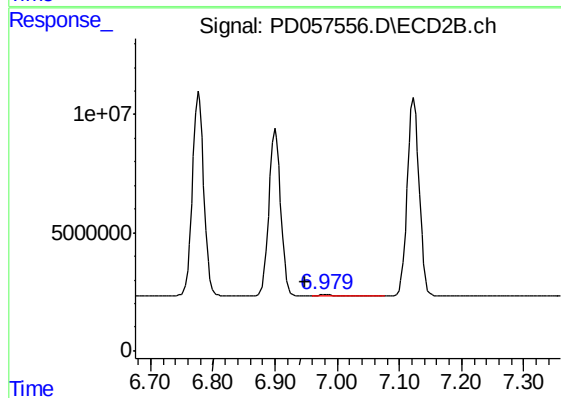
#23 Toxaphene-2

R.T.: 6.606 min  
Delta R.T.: 0.062 min  
Response: 389495  
Conc: 18.86 ng/ml



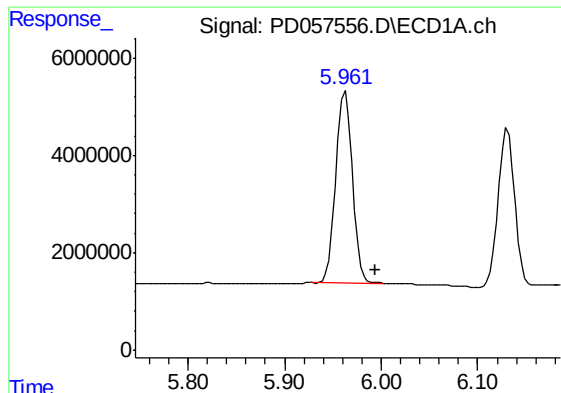
#24 Toxaphene-3

R.T.: 5.822 min  
Delta R.T.: -0.054 min  
Response: 282895  
Conc: 43.42 ng/ml



#24 Toxaphene-3

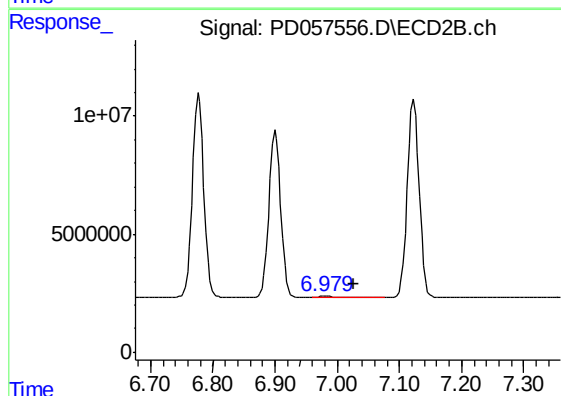
R.T.: 6.980 min  
Delta R.T.: 0.032 min  
Response: 758177  
Conc: 27.32 ng/ml



#25 Toxaphene-4

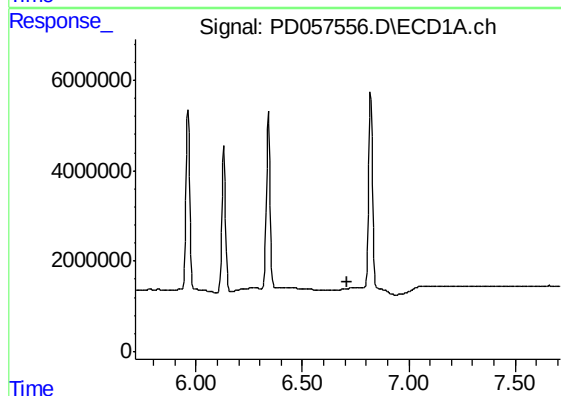
R.T.: 5.963 min  
Delta R.T.: -0.031 min  
Response: 46206677  
Conc: 2114.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



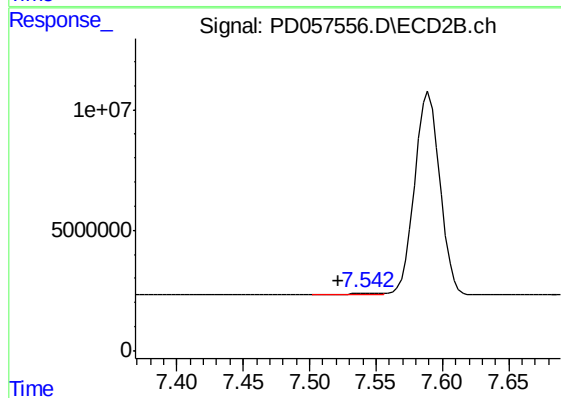
#25 Toxaphene-4

R.T.: 6.980 min  
Delta R.T.: -0.046 min  
Response: 758177  
Conc: 9.80 ng/ml



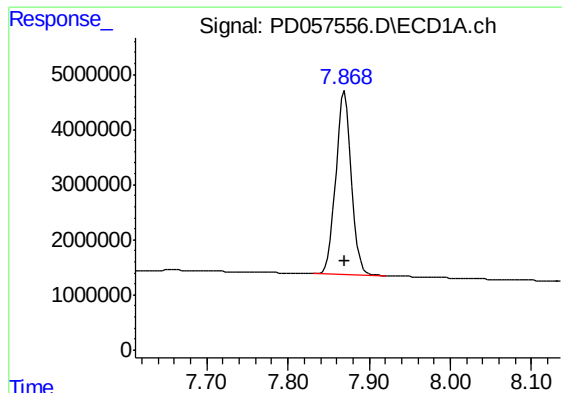
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.713 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

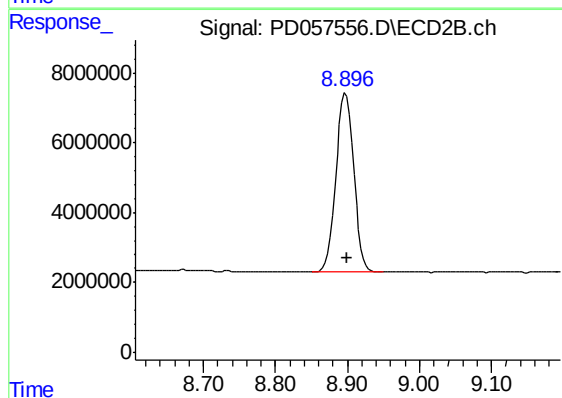
R.T.: 7.543 min  
Delta R.T.: 0.022 min  
Response: 805651  
Conc: 22.73 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: 0.000 min  
Response: 44403148  
Conc: 36.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB328



#27 Decachlorobiphenyl

R.T.: 8.898 min  
Delta R.T.: -0.003 min  
Response: 87992581  
Conc: 33.98 ng/ml