

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111319\  
 Data File : PD055950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2019 19:02  
 Operator : SG\AJ  
 Sample : K5774-19  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AS6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:47:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 02 07:20:38 2019  
 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... | 3.289  | 3.963  | 10884842 | 14917466  | 14.460   | 14.235    |
| 27)                         | SA Decachlor... | 7.962  | 8.997  | 17037725 | 19914822  | 20.902   | 17.537    |
| Target Compounds            |                 |        |        |          |           |          |           |
| 2)                          | A alpha-BHC     | 3.704  | 0.000  | 4912585  | 0         | 4.666    | N.D. #    |
| 3)                          | MA gamma-BHC... | 3.997  | 4.612  | 4314987  | 2817585   | 4.219    | 2.000 #   |
| 4)                          | MA Heptachlor   | 4.263  | 0.000  | 4426174  | 0         | 4.675    | N.D. #    |
| 6)                          | B beta-BHC      | 4.263  | 0.000  | 4426174  | 0         | 9.786    | N.D. #    |
| 7)                          | B delta-BHC     | 0.000  | 4.981f | 0        | 1192070   | N.D.     | 0.904     |
| 10)                         | B trans-Chl...  | 0.000  | 6.042  | 0        | 10097470  | N.D.     | 7.079     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.276  | 0        | 3785811   | N.D.     | 2.809     |
| 13)                         | MA Dieldrin     | 5.506  | 6.428  | 5812970  | 1177266   | 6.180    | 0.833 #   |
| 14)                         | MA Endrin       | 5.836f | 6.650  | 2056941  | 235130    | 2.564    | 0.204 #   |
| 15)                         | B Endosulfa...  | 0.000  | 6.848  | 0        | 1248706   | N.D.     | 0.964     |
| 16)                         | A 4,4'-DDD      | 5.865f | 6.780  | 31130715 | -28605298 | 44.078   | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.140  | 7.045  | 7571228  | 1019651   | 11.684   | 0.938 #   |
| 18)                         | B Endrin al...  | 0.000  | 7.045f | 0        | 1019651   | N.D.     | 0.939     |
| 19)                         | B Endosulfa...  | 6.424  | 7.179  | 4697125  | 3981517   | 5.987    | 3.302 #   |
| 20)                         | A Methoxychlor  | 6.668  | 7.573f | 6512935  | 3564032   | 17.412   | 5.718 #   |
| 21)                         | B Endrin ke...  | 6.862f | 7.732f | 1653178  | 4327017   | 1.866    | 3.281 #   |
| 22)                         | Toxaphene-1     | 5.506  | 6.366  | 5812970  | 2632130   | 702.867  | 256.355 # |
| 23)                         | Toxaphene-2     | 5.623  | 6.650  | 29316978 | 235130    | 3283.604 | 19.590 #  |
| 24)                         | Toxaphene-3     | 5.971  | 7.045  | 3946265  | 1019651   | 506.949  | 55.020 #  |
| 25)                         | Toxaphene-4     | 6.140  | 7.045  | 7571228  | 1019651   | 331.980  | 19.792 #  |
| 26)                         | Toxaphene-5     | 6.862  | 7.573  | 1653178  | 3564032   | 57.721   | 146.663 # |
| -----                       |                 |        |        |          |           |          |           |

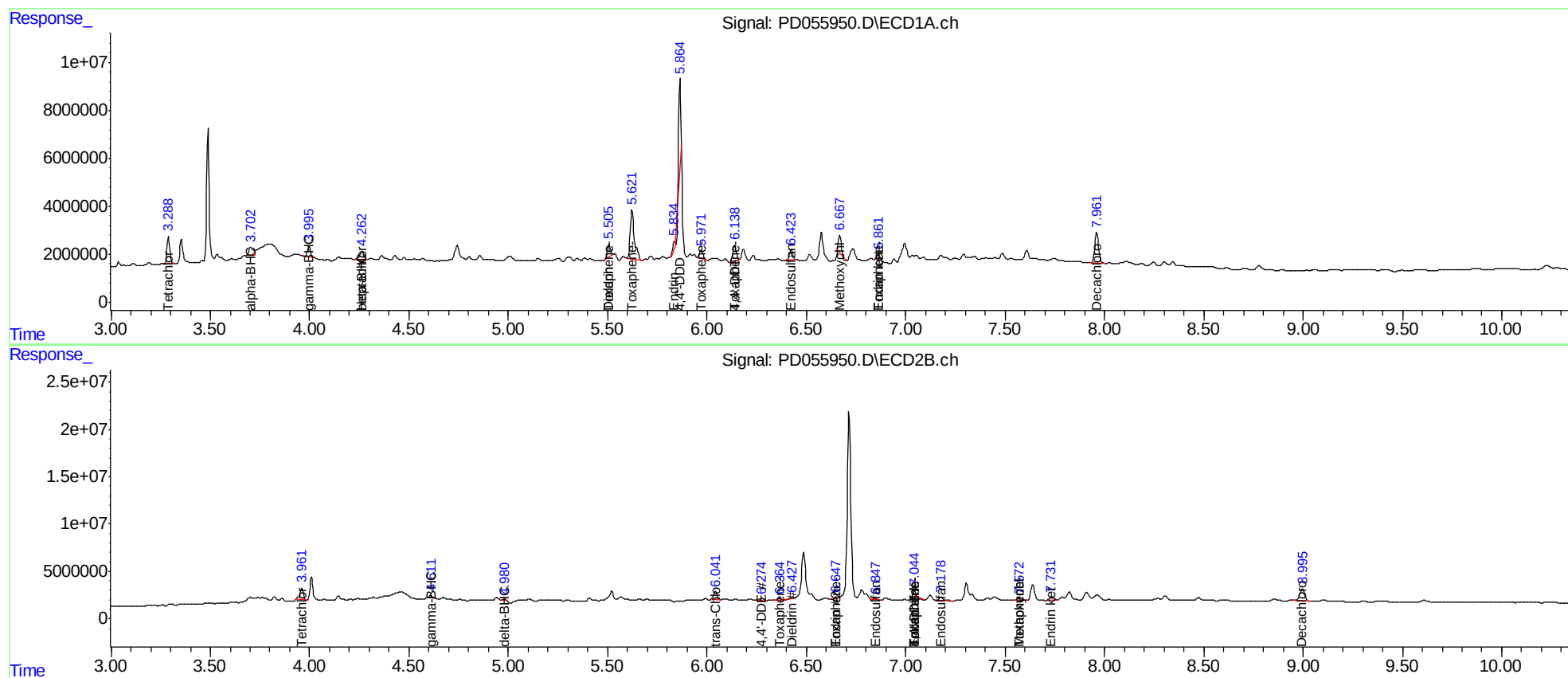
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

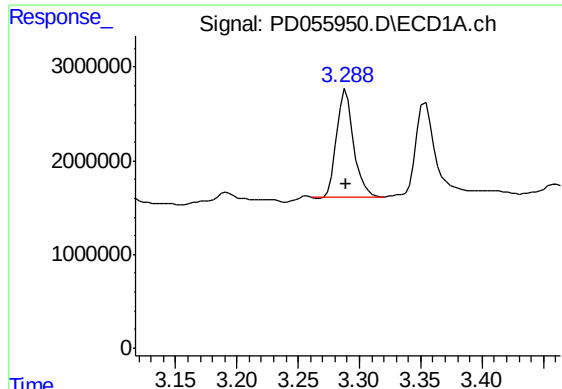
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111319\  
Data File : PD055950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2019 19:02  
Operator : SG\AJ  
Sample : K5774-19  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:47:42 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110319CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 02 07:20:38 2019  
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

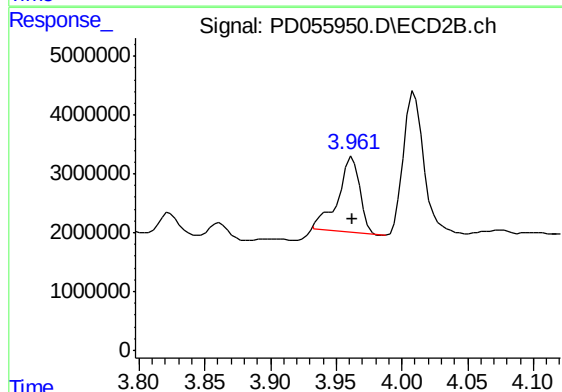




#1 Tetrachloro-m-xylene

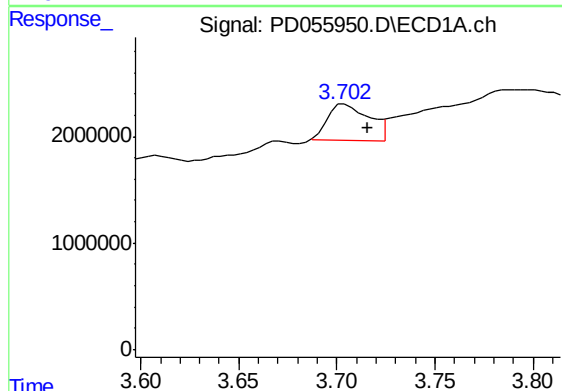
R.T.: 3.289 min  
Delta R.T.: 0.000 min  
Response: 10884842  
Conc: 14.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



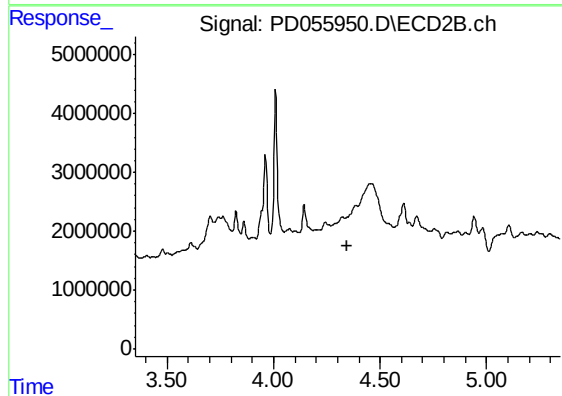
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 14917466  
Conc: 14.23 ng/ml



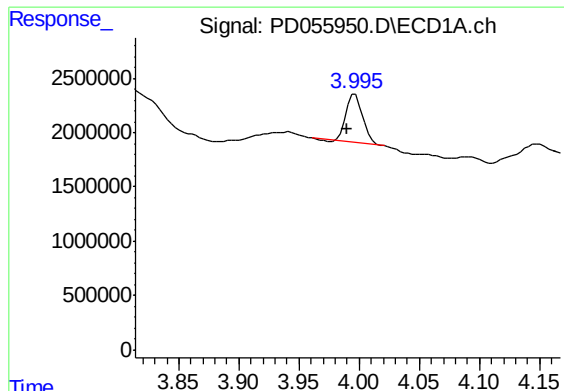
#2 alpha-BHC

R.T.: 3.704 min  
Delta R.T.: -0.012 min  
Response: 4912585  
Conc: 4.67 ng/ml



#2 alpha-BHC

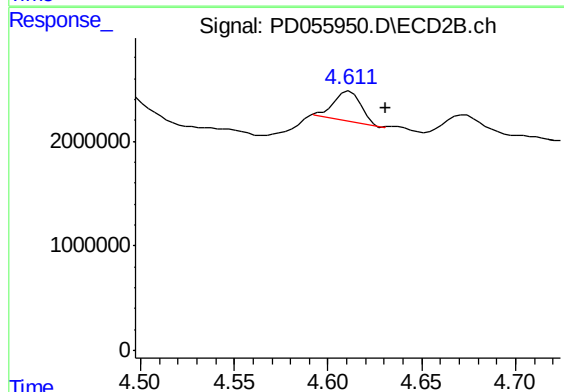
R.T.: 0.000 min  
Exp R.T. : 4.348 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

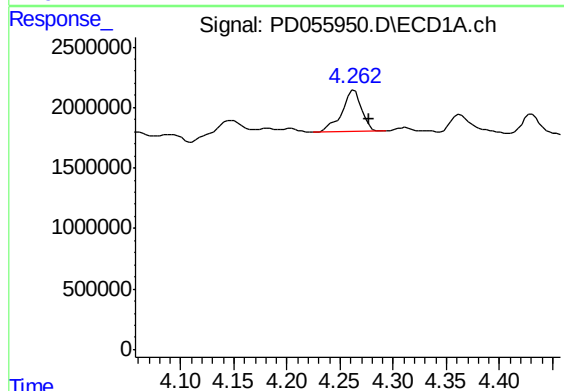
R.T.: 3.997 min  
Delta R.T.: 0.006 min  
Response: 4314987  
Conc: 4.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



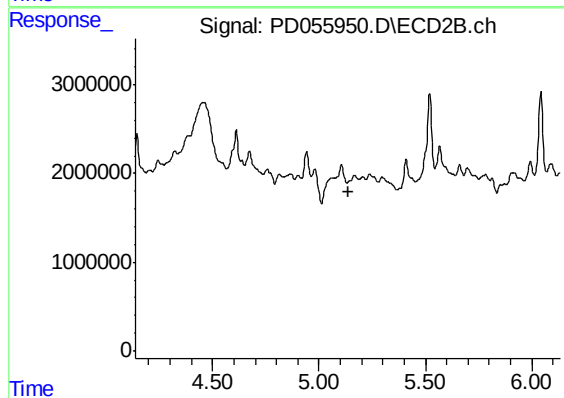
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: -0.019 min  
Response: 2817585  
Conc: 2.00 ng/ml



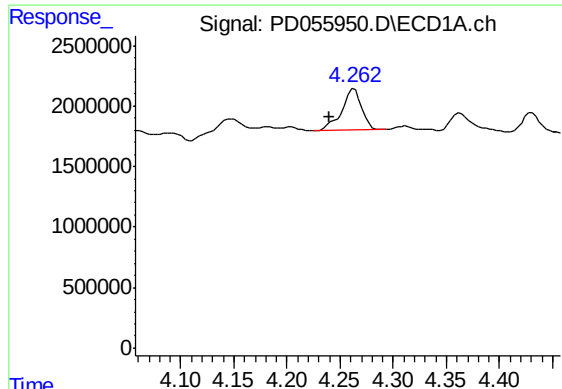
#4 Heptachlor

R.T.: 4.263 min  
Delta R.T.: -0.013 min  
Response: 4426174  
Conc: 4.67 ng/ml



#4 Heptachlor

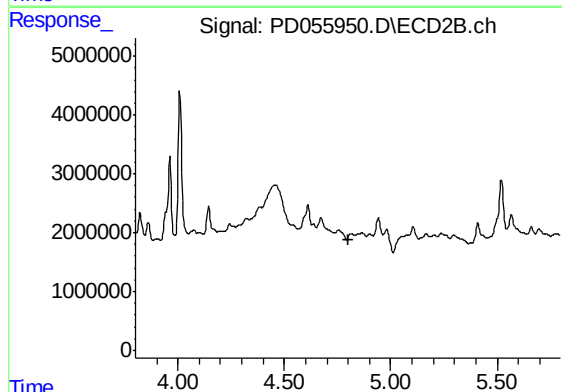
R.T.: 0.000 min  
Exp R.T. : 5.137 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

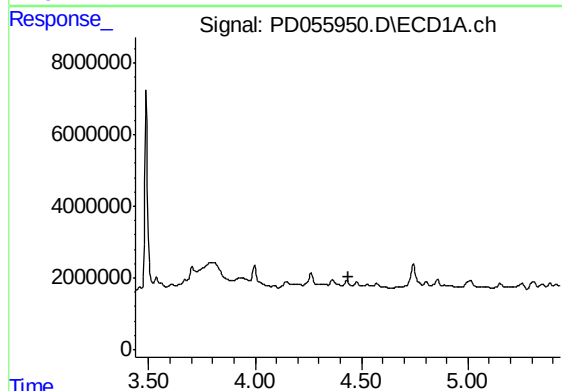
R.T.: 4.263 min  
Delta R.T.: 0.023 min  
Response: 4426174  
Conc: 9.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



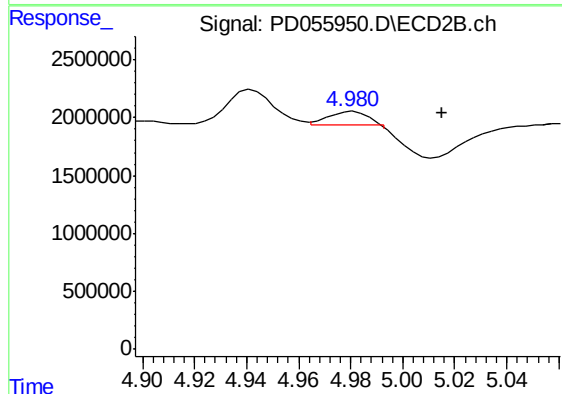
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.799 min  
Response: 0  
Conc: N.D.



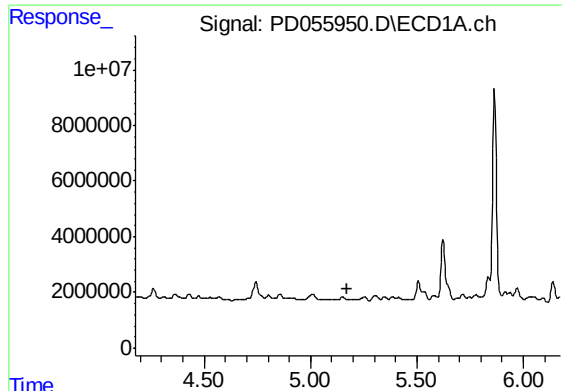
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.436 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

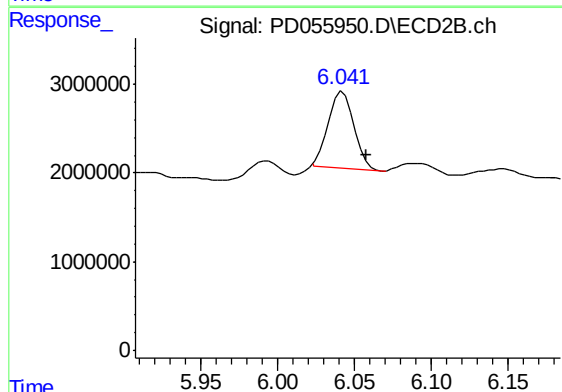
R.T.: 4.981 min  
Delta R.T.: -0.034 min  
Response: 1192070  
Conc: 0.90 ng/ml



#10 trans-Chlordane

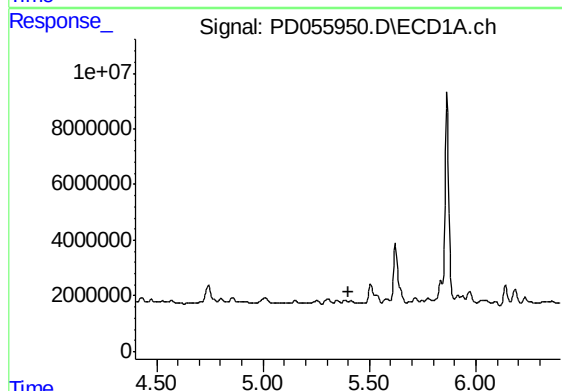
R.T.: 0.000 min  
Exp R.T. : 5.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



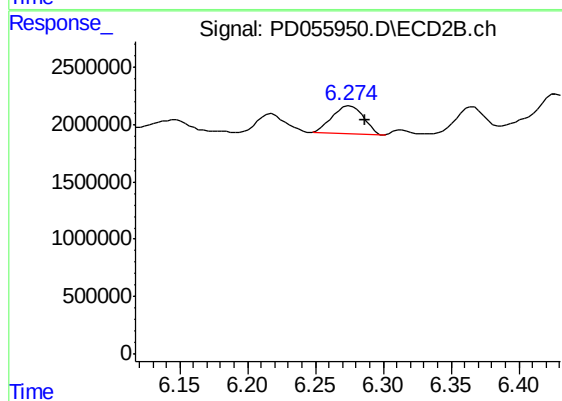
#10 trans-Chlordane

R.T.: 6.042 min  
Delta R.T.: -0.016 min  
Response: 10097470  
Conc: 7.08 ng/ml



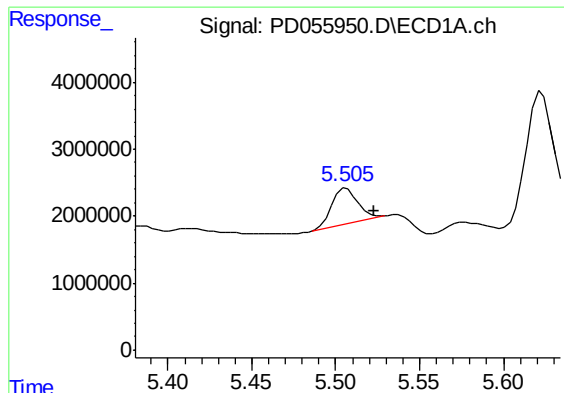
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.400 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

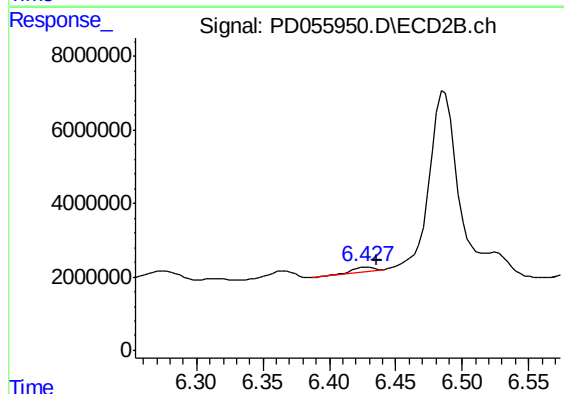
R.T.: 6.276 min  
Delta R.T.: -0.011 min  
Response: 3785811  
Conc: 2.81 ng/ml



#13 Dieldrin

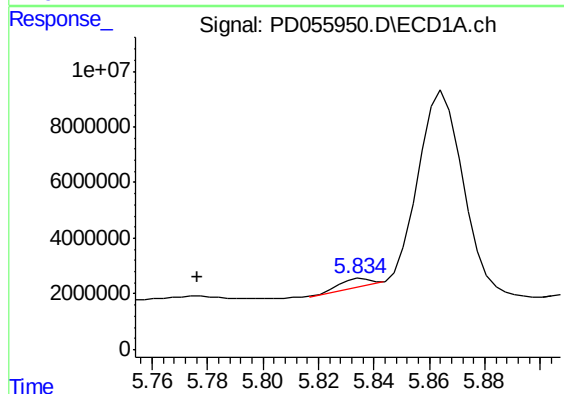
R.T.: 5.506 min  
Delta R.T.: -0.016 min  
Response: 5812970  
Conc: 6.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



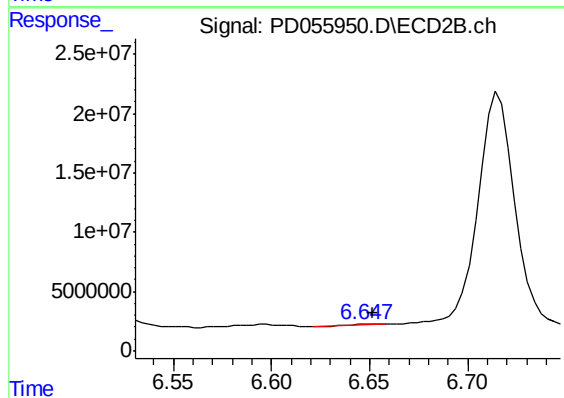
#13 Dieldrin

R.T.: 6.428 min  
Delta R.T.: -0.007 min  
Response: 1177266  
Conc: 0.83 ng/ml



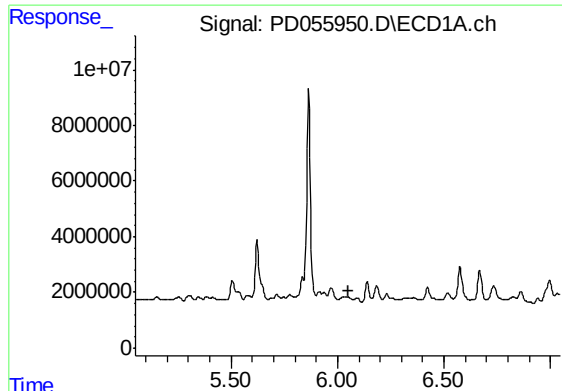
#14 Endrin

R.T.: 5.836 min  
Delta R.T.: 0.060 min  
Response: 2056941  
Conc: 2.56 ng/ml



#14 Endrin

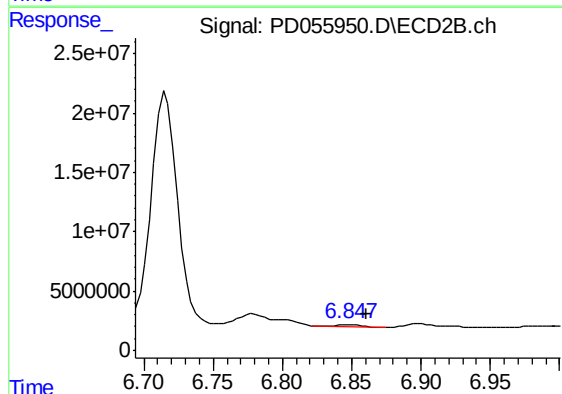
R.T.: 6.650 min  
Delta R.T.: -0.002 min  
Response: 235130  
Conc: 0.20 ng/ml



#15 Endosulfan II

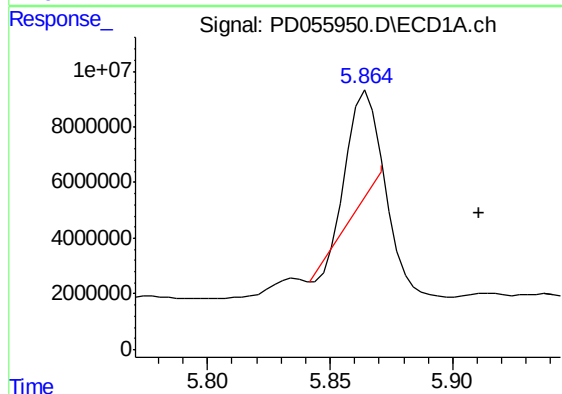
R.T.: 0.000 min  
Exp R.T.: 6.049 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



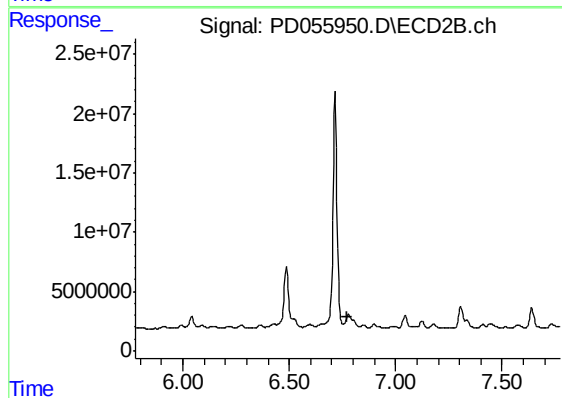
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: -0.012 min  
Response: 1248706  
Conc: 0.96 ng/ml



#16 4,4'-DDD

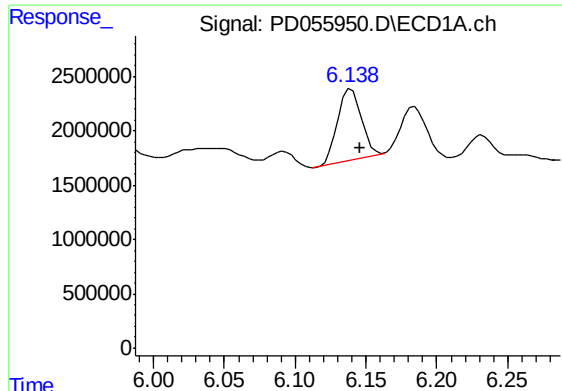
R.T.: 5.865 min  
Delta R.T.: -0.045 min  
Response: 31130715  
Conc: 44.08 ng/ml



#16 4,4'-DDD

R.T.: 6.780 min  
Delta R.T.: 0.005 min  
Response: -28605298  
Conc: N.D.

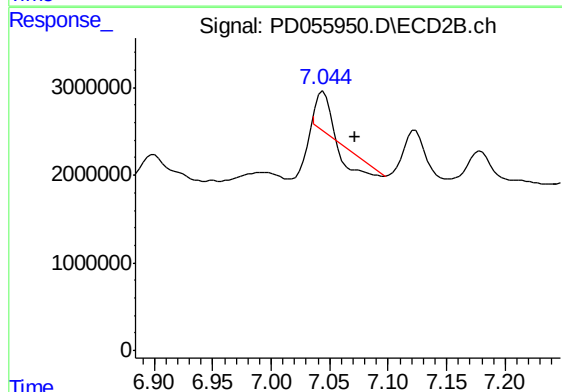




#17 4,4'-DDT

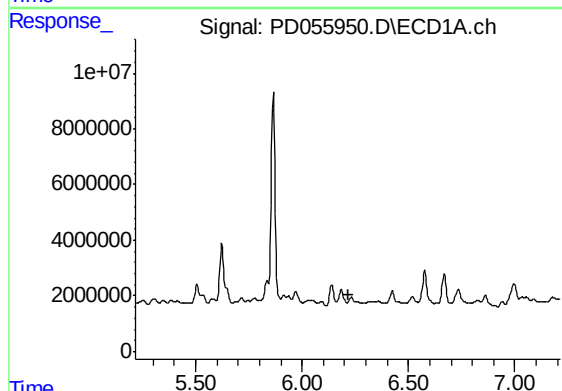
R.T.: 6.140 min  
Delta R.T.: -0.007 min  
Response: 7571228  
Conc: 11.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



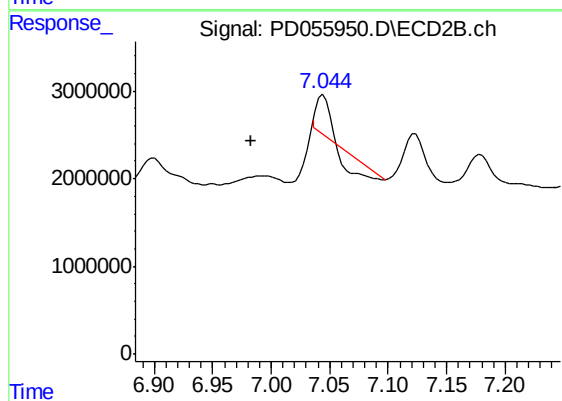
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: -0.027 min  
Response: 1019651  
Conc: 0.94 ng/ml



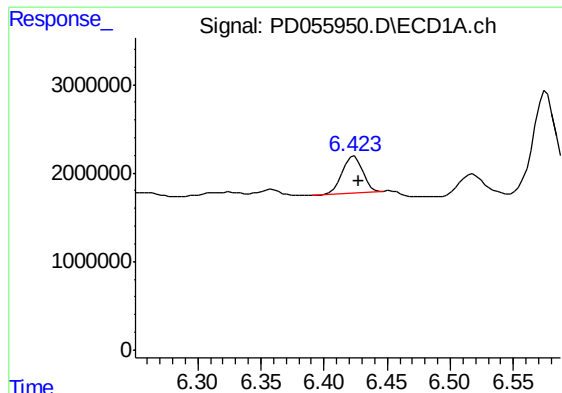
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.217 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

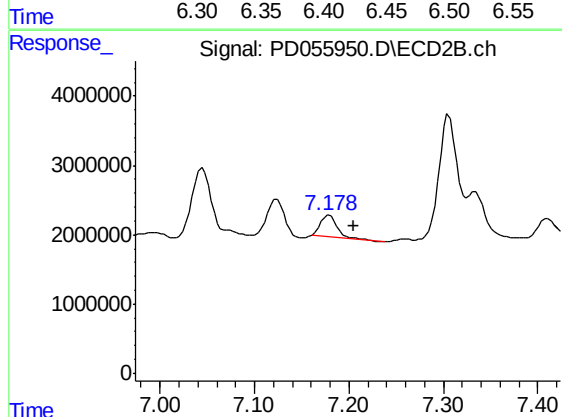
R.T.: 7.045 min  
Delta R.T.: 0.062 min  
Response: 1019651  
Conc: 0.94 ng/ml



#19 Endosulfan Sulfate

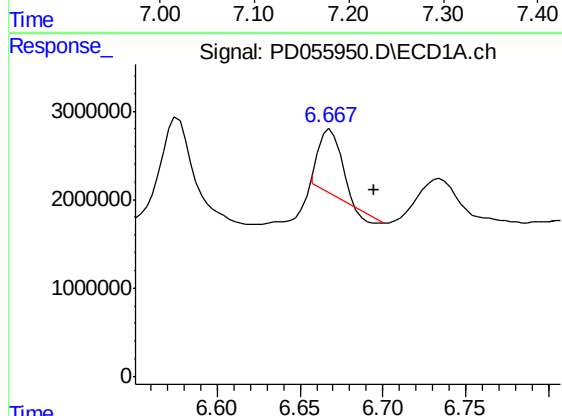
R.T.: 6.424 min  
Delta R.T.: -0.003 min  
Response: 4697125  
Conc: 5.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



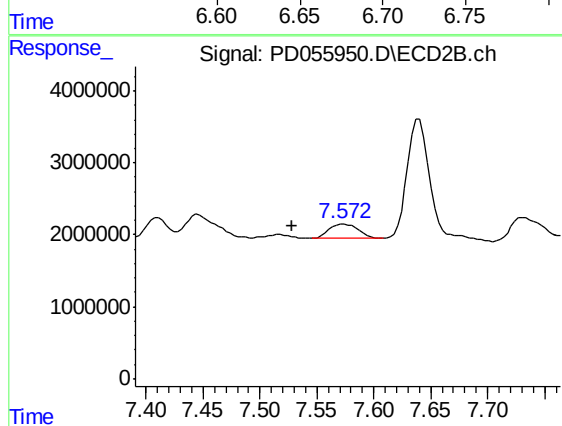
#19 Endosulfan Sulfate

R.T.: 7.179 min  
Delta R.T.: -0.027 min  
Response: 3981517  
Conc: 3.30 ng/ml



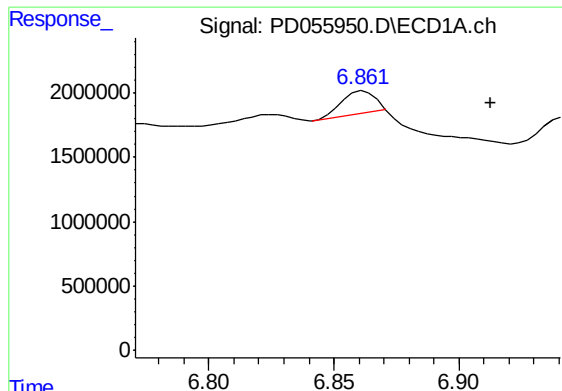
#20 Methoxychlor

R.T.: 6.668 min  
Delta R.T.: -0.027 min  
Response: 6512935  
Conc: 17.41 ng/ml



#20 Methoxychlor

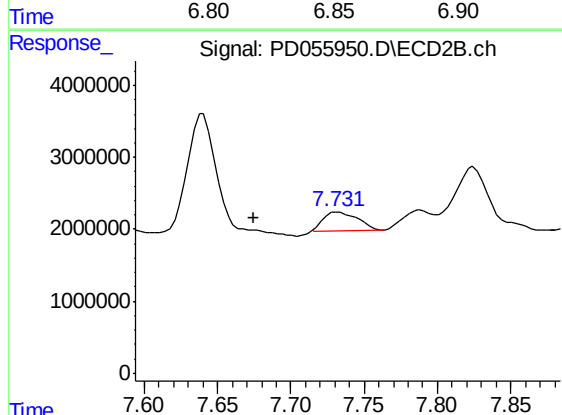
R.T.: 7.573 min  
Delta R.T.: 0.045 min  
Response: 3564032  
Conc: 5.72 ng/ml



#21 Endrin ketone

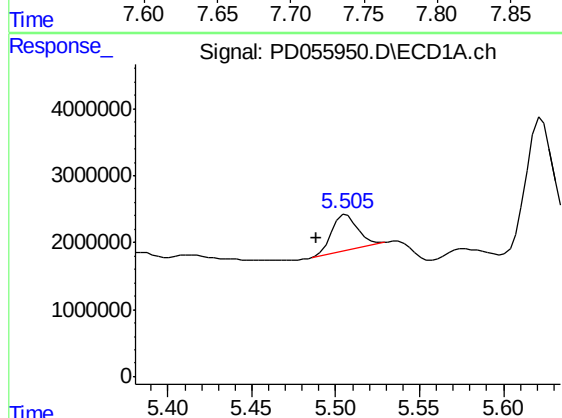
R.T.: 6.862 min  
Delta R.T.: -0.051 min  
Response: 1653178  
Conc: 1.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



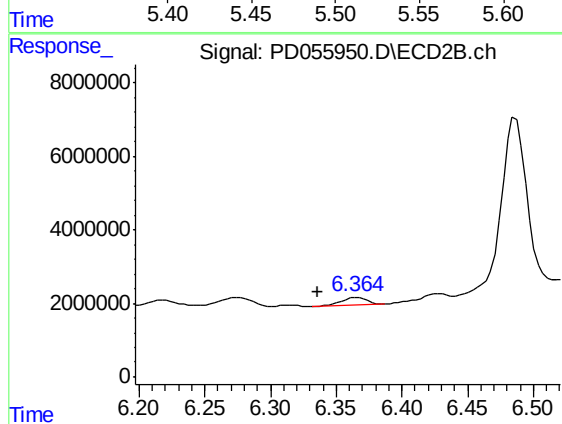
#21 Endrin ketone

R.T.: 7.732 min  
Delta R.T.: 0.057 min  
Response: 4327017  
Conc: 3.28 ng/ml



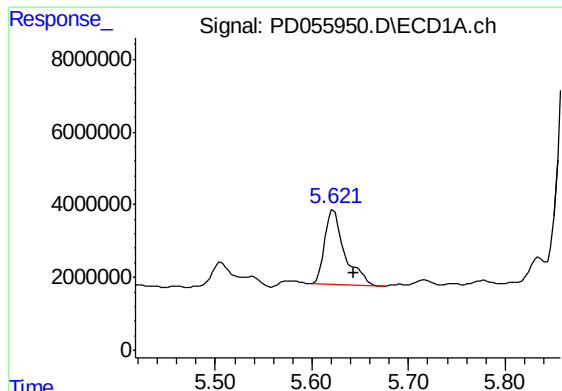
#22 Toxaphene-1

R.T.: 5.506 min  
Delta R.T.: 0.018 min  
Response: 5812970  
Conc: 702.87 ng/ml



#22 Toxaphene-1

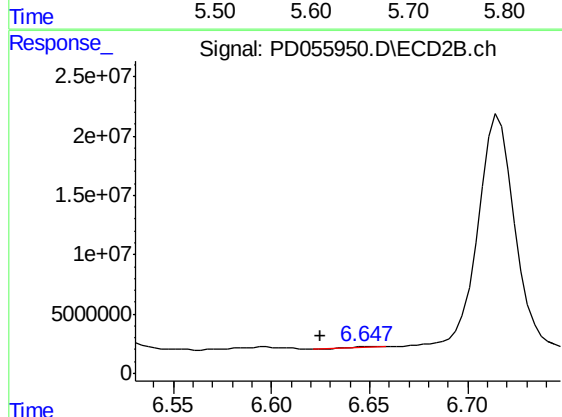
R.T.: 6.366 min  
Delta R.T.: 0.030 min  
Response: 2632130  
Conc: 256.35 ng/ml



#23 Toxaphene-2

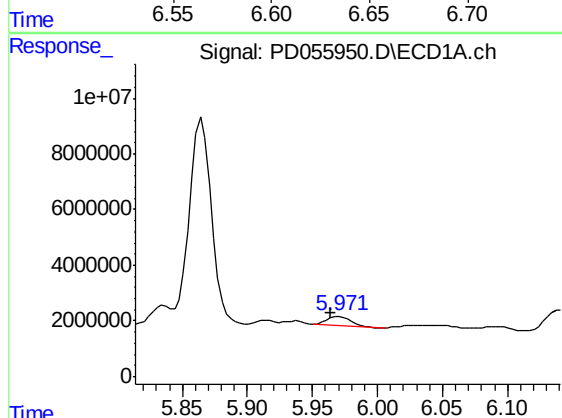
R.T.: 5.623 min  
Delta R.T.: -0.020 min  
Response: 29316978  
Conc: 3283.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



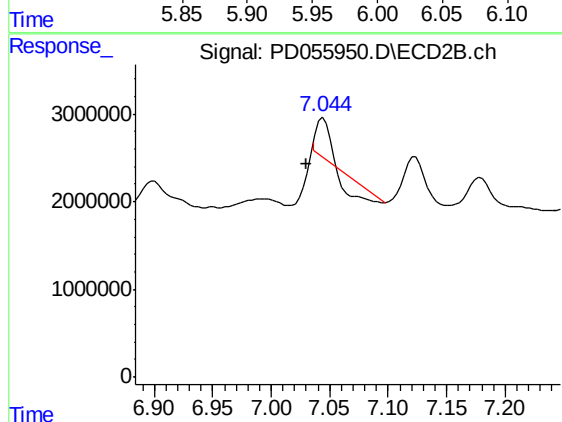
#23 Toxaphene-2

R.T.: 6.650 min  
Delta R.T.: 0.025 min  
Response: 235130  
Conc: 19.59 ng/ml



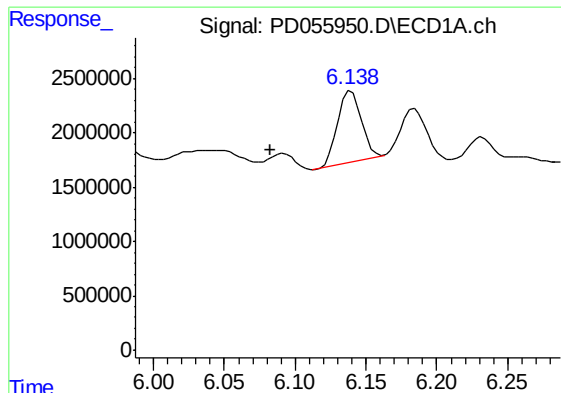
#24 Toxaphene-3

R.T.: 5.971 min  
Delta R.T.: 0.007 min  
Response: 3946265  
Conc: 506.95 ng/ml



#24 Toxaphene-3

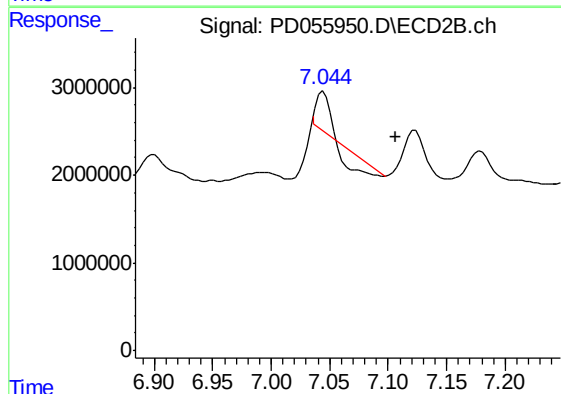
R.T.: 7.045 min  
Delta R.T.: 0.015 min  
Response: 1019651  
Conc: 55.02 ng/ml



#25 Toxaphene-4

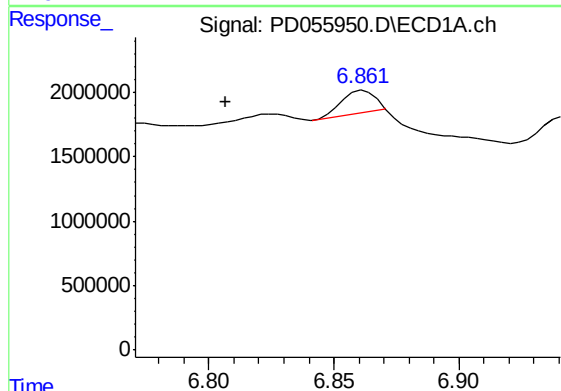
R.T.: 6.140 min  
Delta R.T.: 0.057 min  
Response: 7571228  
Conc: 331.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



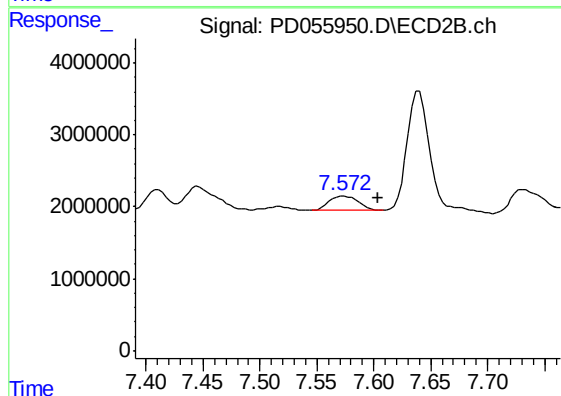
#25 Toxaphene-4

R.T.: 7.045 min  
Delta R.T.: -0.062 min  
Response: 1019651  
Conc: 19.79 ng/ml



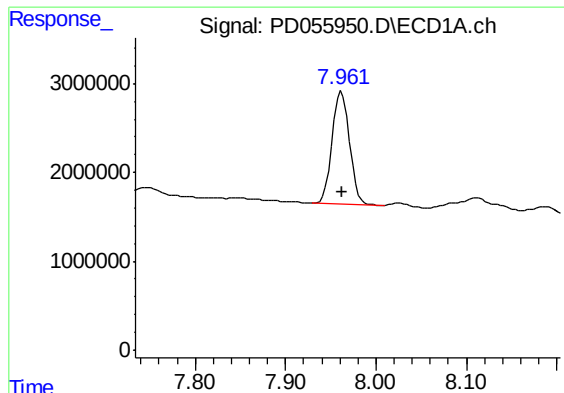
#26 Toxaphene-5

R.T.: 6.862 min  
Delta R.T.: 0.055 min  
Response: 1653178  
Conc: 57.72 ng/ml



#26 Toxaphene-5

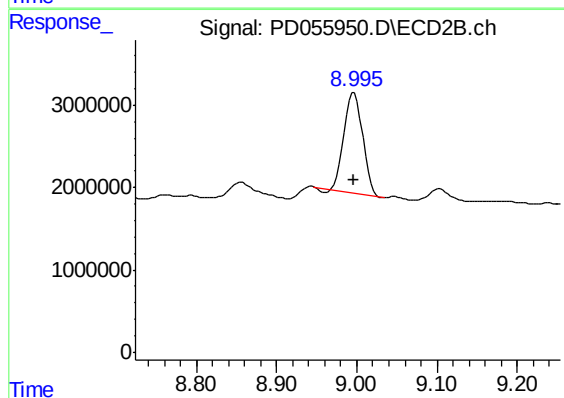
R.T.: 7.573 min  
Delta R.T.: -0.030 min  
Response: 3564032  
Conc: 146.66 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.962 min  
Delta R.T.: -0.001 min  
Response: 17037725  
Conc: 20.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AS6



#27 Decachlorobiphenyl

R.T.: 8.997 min  
Delta R.T.: 0.000 min  
Response: 19914822  
Conc: 17.54 ng/ml