

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD1102019\  
 Data File : PD056145.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2019 22:56  
 Operator : SG\AJ  
 Sample : INDB301  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDB351

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 21 01:01:42 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... | 3.288  | 3.962  | 15549373 | 21848404 | 20.656   | 20.849   |
| 27)                         | SA Decachlor... | 7.962  | 8.997  | 35436038 | 42775166 | 43.474   | 37.669   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 3)                          | MA gamma-BHC... | 0.000  | 4.596f | 0        | 47242    | N.D.     | <MDL     |
| 4)                          | MA Heptachlor   | 4.240f | 0.000  | 10061298 | 0        | 10.626   | N.D. #   |
| 5)                          | MB Aldrin       | 4.515  | 5.440  | 19376732 | 27960494 | 20.915   | 20.378   |
| 6)                          | B beta-BHC      | 4.240  | 4.800  | 10061298 | 14887011 | 22.245   | 21.278   |
| 7)                          | B delta-BHC     | 4.435  | 5.015  | 21689657 | 29297452 | 21.252   | 22.224   |
| 8)                          | B Heptachlo...  | 4.951  | 5.825  | 18461230 | 27944236 | 20.677   | 20.706   |
| 9)                          | A Endosulfan I  | 5.231f | 6.179  | 18305529 | -3303477 | 21.844   | N.D. #   |
| 10)                         | B trans-Chl...  | 5.173  | 6.058  | 18746068 | 28352002 | 20.674   | 19.876   |
| 11)                         | B cis-Chlor...  | 5.231  | 6.131  | 18305529 | 23661394 | 20.673   | 16.859   |
| 12)                         | B 4,4'-DDE      | 5.399  | 6.287  | 37151339 | 53643596 | 42.731   | 39.809   |
| 13)                         | MA Dieldrin     | 0.000  | 6.496f | 0        | 80113    | N.D.     | <MDL     |
| 14)                         | MA Endrin       | 0.000  | 6.651  | 0        | 350744   | N.D.     | 0.305    |
| 15)                         | B Endosulfa...  | 6.049  | 6.861  | 35177184 | 50184430 | 41.748   | 38.754   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.736f | 0        | 806011   | N.D.     | 0.722    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.065  | 0        | 366750   | N.D.     | 0.337    |
| 18)                         | B Endrin al...  | 6.217  | 6.984  | 29583712 | 42400148 | 41.412   | 39.049   |
| 19)                         | B Endosulfa...  | 6.428  | 7.206  | 32432686 | 46645297 | 41.336   | 38.690   |
| 21)                         | B Endrin ke...  | 6.912  | 7.676  | 36927092 | 50620532 | 41.691   | 38.378   |
| 22)                         | Toxaphene-1     | 0.000  | 6.287  | 0        | 53643596 | N.D.     | 5224.585 |
| 23)                         | Toxaphene-2     | 0.000  | 6.651  | 0        | 350744   | N.D.     | 29.222   |
| 24)                         | Toxaphene-3     | 0.000  | 7.065  | 0        | 366750   | N.D.     | 19.790   |
| 25)                         | Toxaphene-4     | 6.049  | 7.065  | 35177184 | 366750   | 1542.433 | 7.119 #  |
| -----                       |                 |        |        |          |          |          |          |

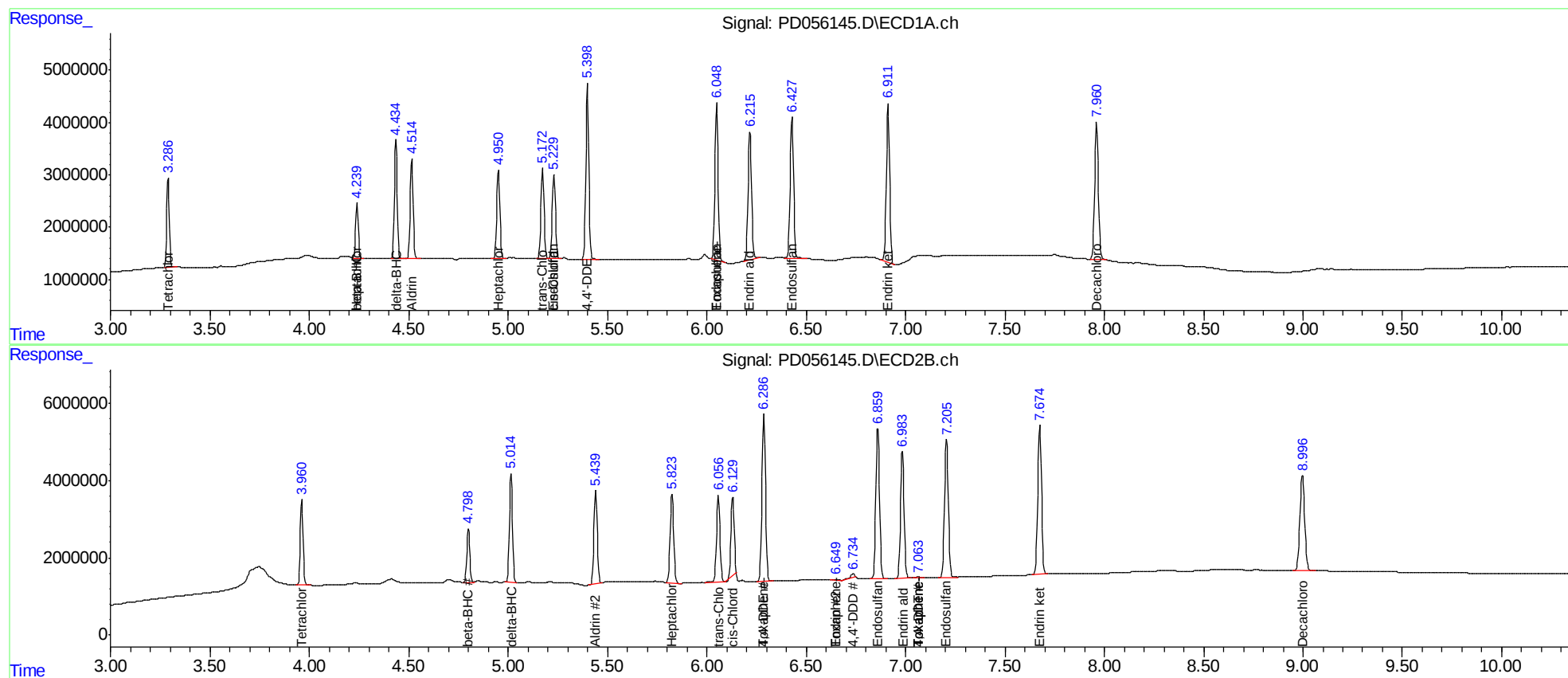
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

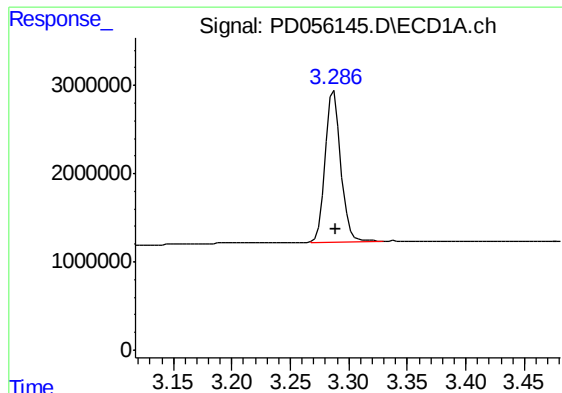
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112019\  
Data File : PD056145.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2019 22:56  
Operator : SG\AJ  
Sample : INDB301  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 21 01:01:42 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

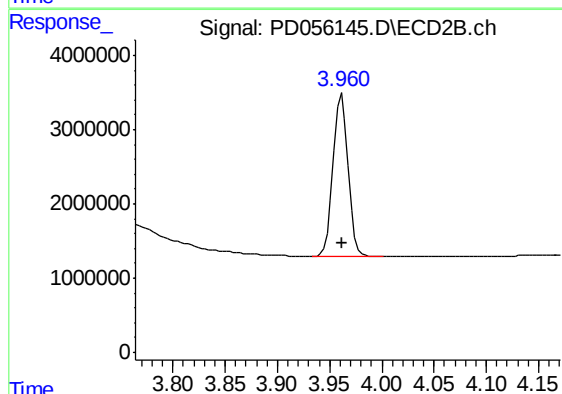




#1 Tetrachloro-m-xylene

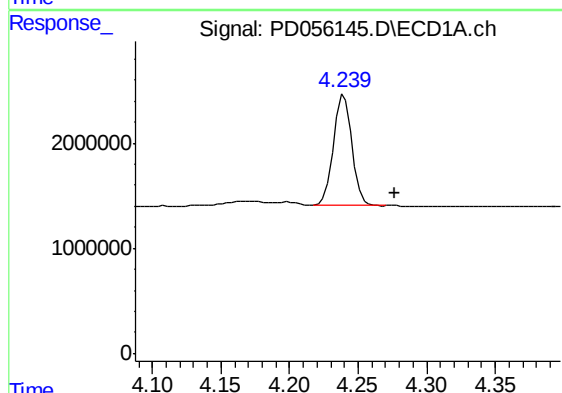
R.T.: 3.288 min  
Delta R.T.: -0.001 min  
Response: 15549373  
Conc: 20.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



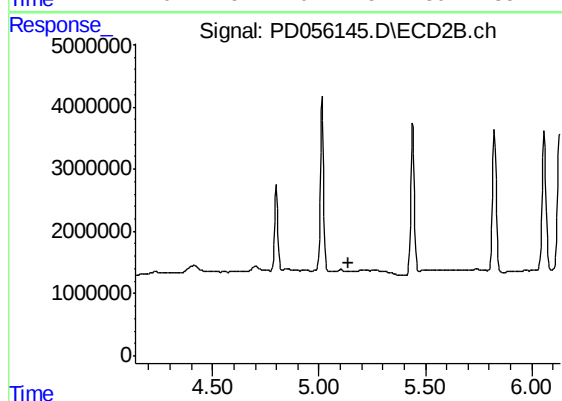
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 21848404  
Conc: 20.85 ng/ml



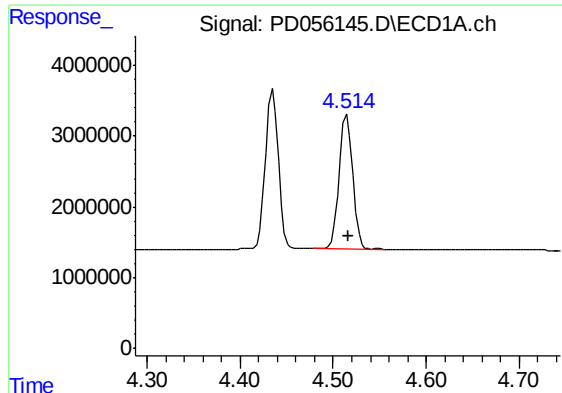
#4 Heptachlor

R.T.: 4.240 min  
Delta R.T.: -0.037 min  
Response: 10061298  
Conc: 10.63 ng/ml



#4 Heptachlor

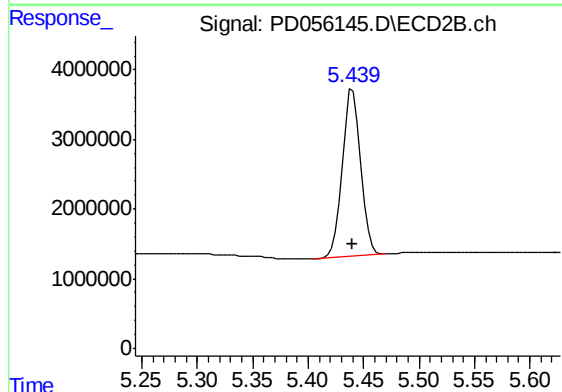
R.T.: 0.000 min  
Exp R.T. : 5.137 min  
Response: 0  
Conc: N.D.



#5 Aldrin

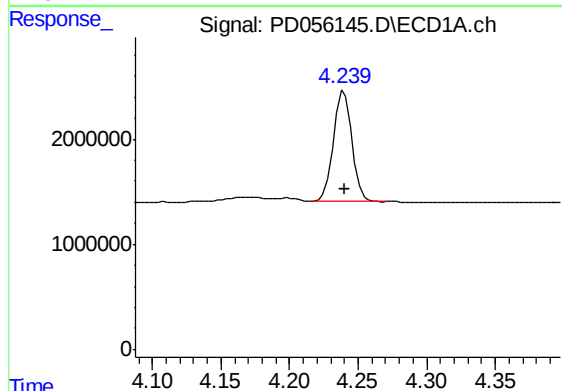
R.T.: 4.515 min  
Delta R.T.: -0.001 min  
Response: 19376732  
Conc: 20.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



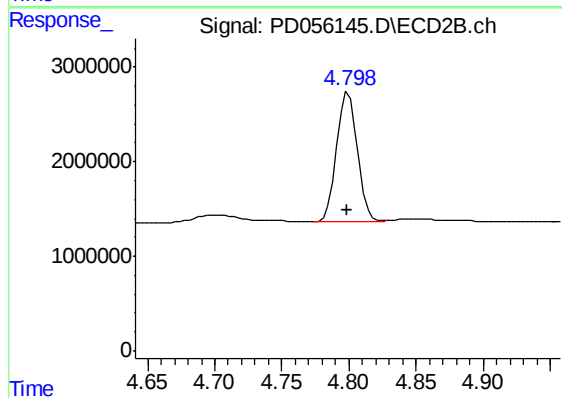
#5 Aldrin

R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 27960494  
Conc: 20.38 ng/ml



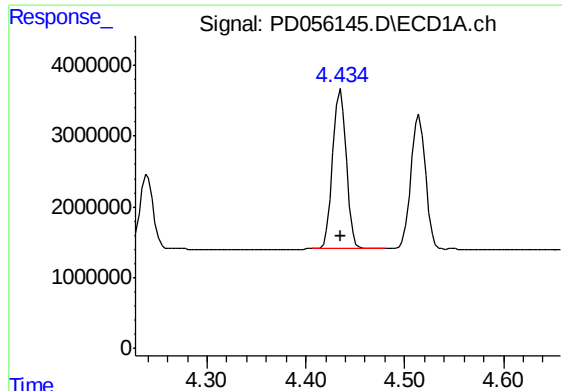
#6 beta-BHC

R.T.: 4.240 min  
Delta R.T.: 0.000 min  
Response: 10061298  
Conc: 22.24 ng/ml



#6 beta-BHC

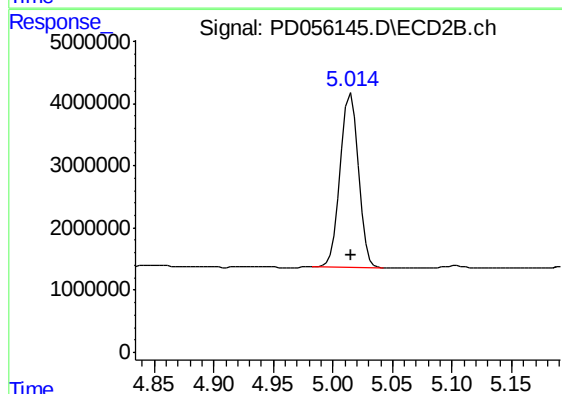
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 14887011  
Conc: 21.28 ng/ml



#7 delta-BHC

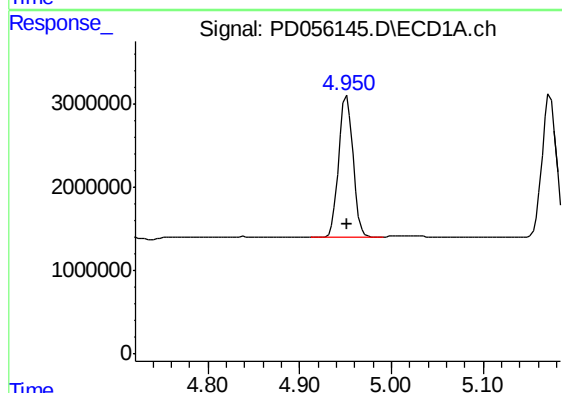
R.T.: 4.435 min  
Delta R.T.: 0.000 min  
Response: 21689657  
Conc: 21.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



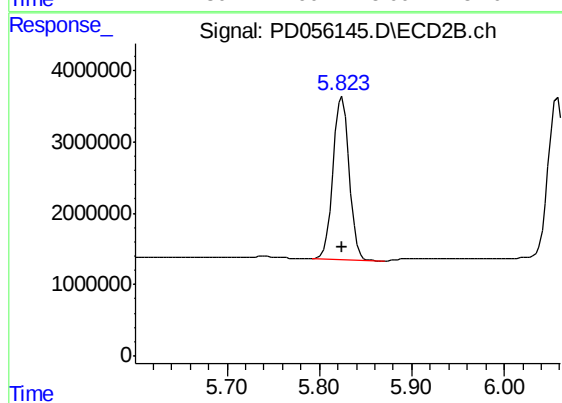
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 29297452  
Conc: 22.22 ng/ml



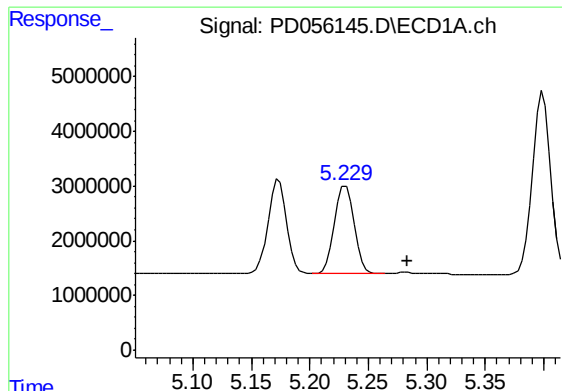
#8 Heptachlor epoxide

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 18461230  
Conc: 20.68 ng/ml



#8 Heptachlor epoxide

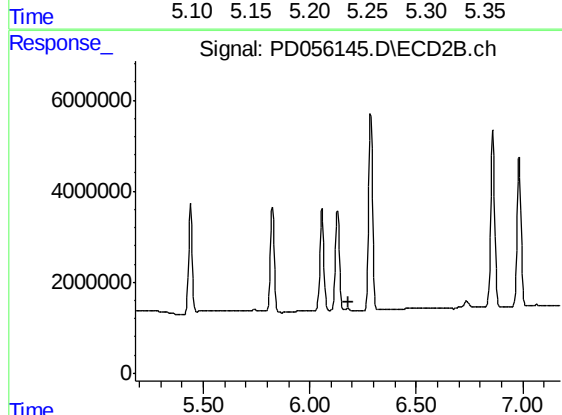
R.T.: 5.825 min  
Delta R.T.: 0.000 min  
Response: 27944236  
Conc: 20.71 ng/ml



#9 Endosulfan I

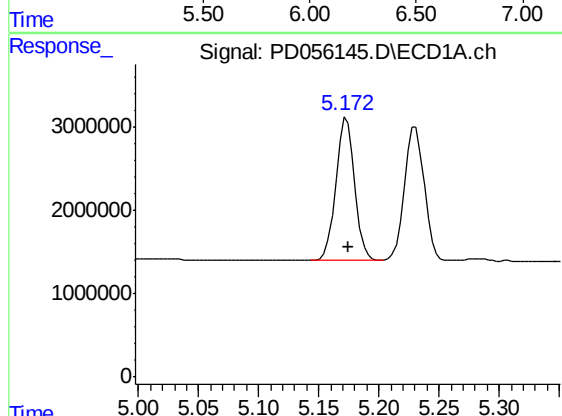
R.T.: 5.231 min  
Delta R.T.: -0.053 min  
Response: 18305529  
Conc: 21.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



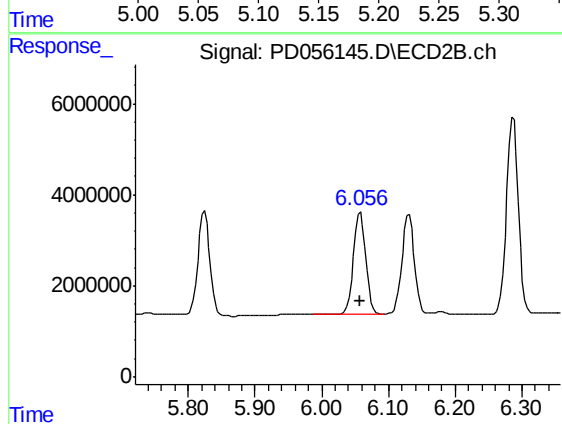
#9 Endosulfan I

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: -3303477  
Conc: N.D.



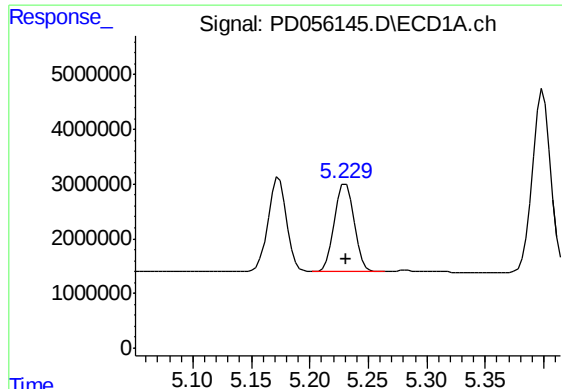
#10 trans-Chlordane

R.T.: 5.173 min  
Delta R.T.: -0.001 min  
Response: 18746068  
Conc: 20.67 ng/ml



#10 trans-Chlordane

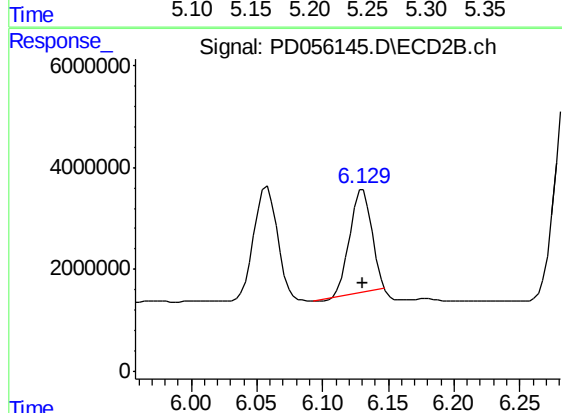
R.T.: 6.058 min  
Delta R.T.: 0.000 min  
Response: 28352002  
Conc: 19.88 ng/ml



#11 cis-Chlordane

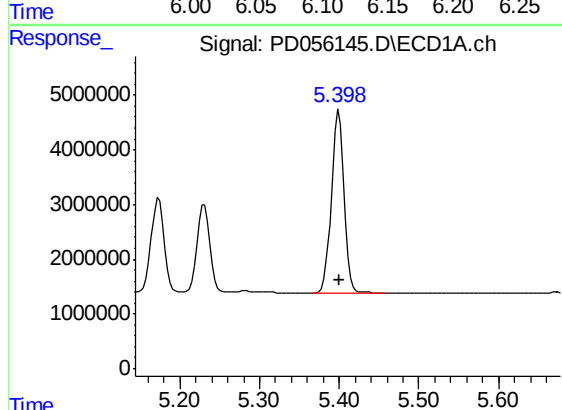
R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 18305529  
Conc: 20.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



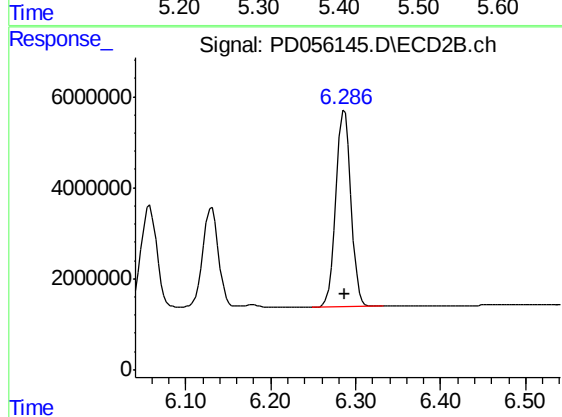
#11 cis-Chlordane

R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 23661394  
Conc: 16.86 ng/ml



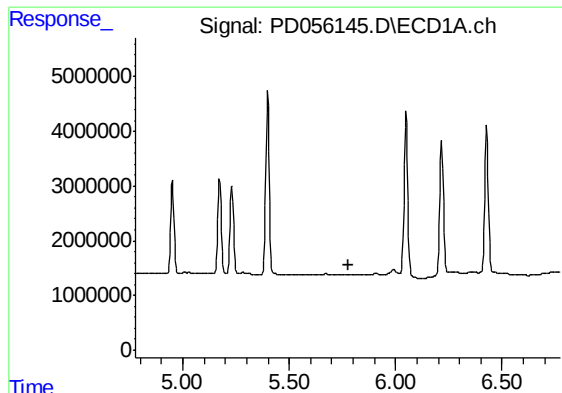
#12 4,4'-DDE

R.T.: 5.399 min  
Delta R.T.: 0.000 min  
Response: 37151339  
Conc: 42.73 ng/ml



#12 4,4'-DDE

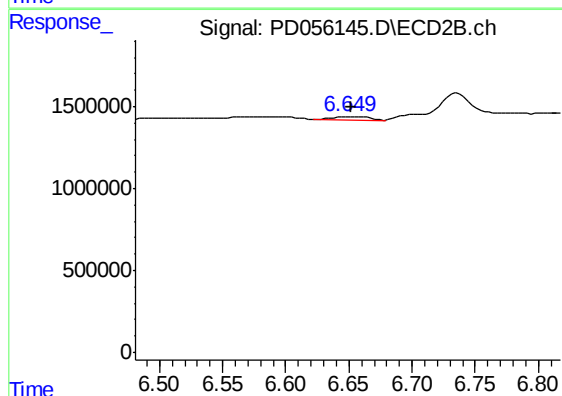
R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 53643596  
Conc: 39.81 ng/ml



#14 Endrin

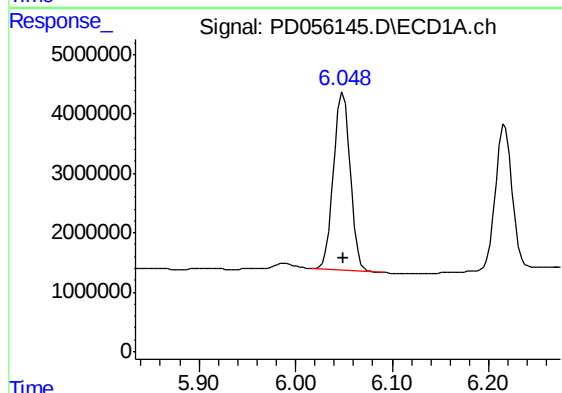
R.T.: 0.000 min  
Exp R.T.: 5.776 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



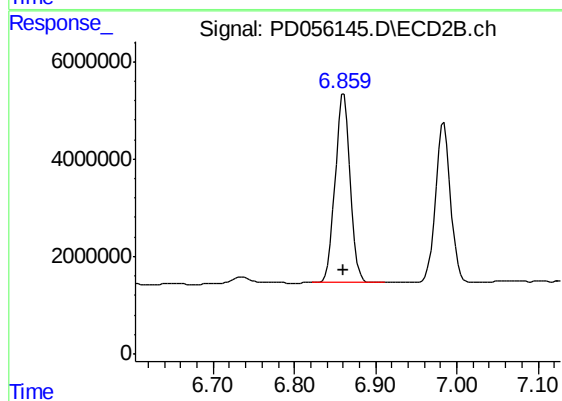
#14 Endrin

R.T.: 6.651 min  
Delta R.T.: -0.001 min  
Response: 350744  
Conc: 0.30 ng/ml



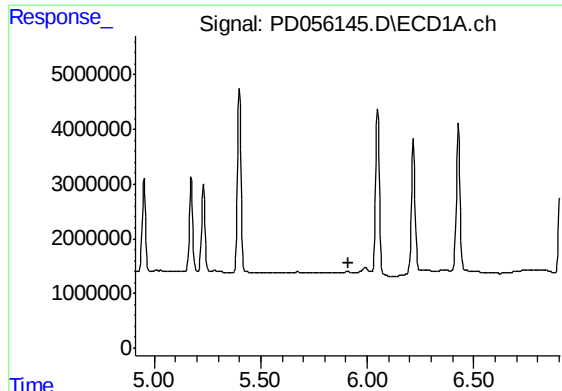
#15 Endosulfan II

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 35177184  
Conc: 41.75 ng/ml



#15 Endosulfan II

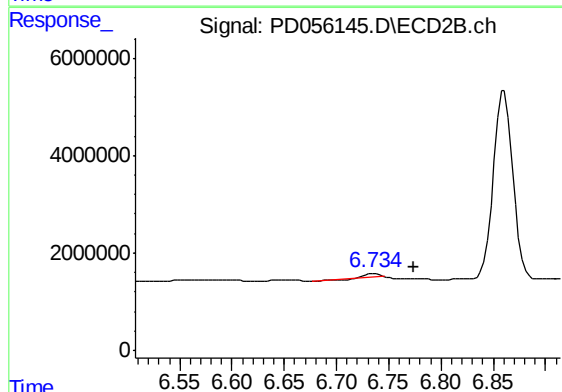
R.T.: 6.861 min  
Delta R.T.: 0.000 min  
Response: 50184430  
Conc: 38.75 ng/ml



#16 4,4'-DDD

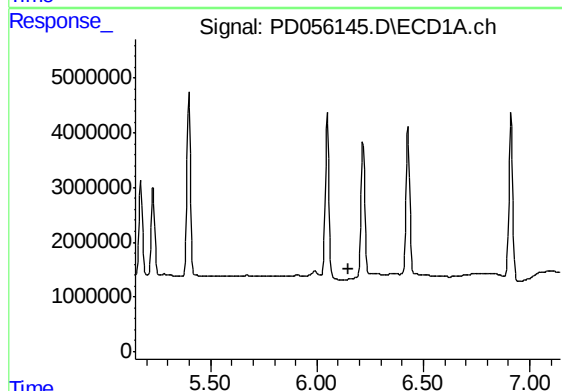
R.T.: 0.000 min  
Exp R.T.: 5.911 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



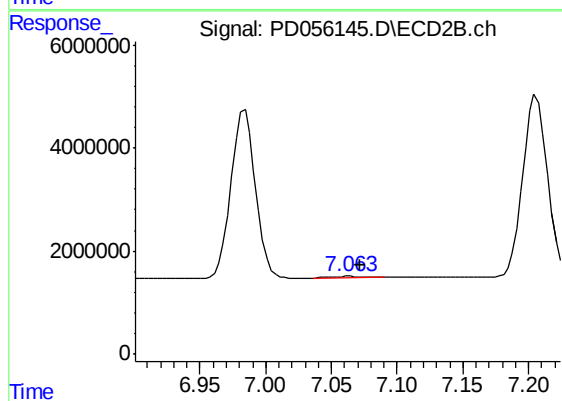
#16 4,4'-DDD

R.T.: 6.736 min  
Delta R.T.: -0.038 min  
Response: 806011  
Conc: 0.72 ng/ml



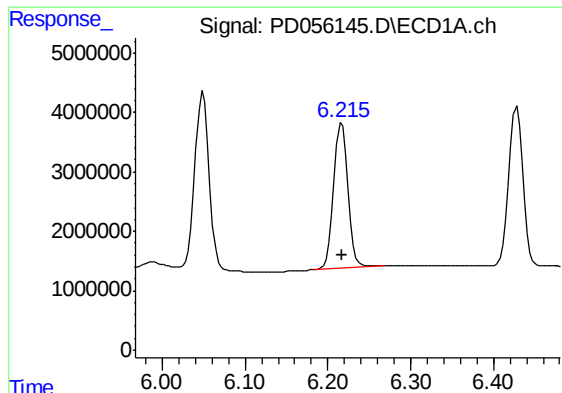
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.146 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

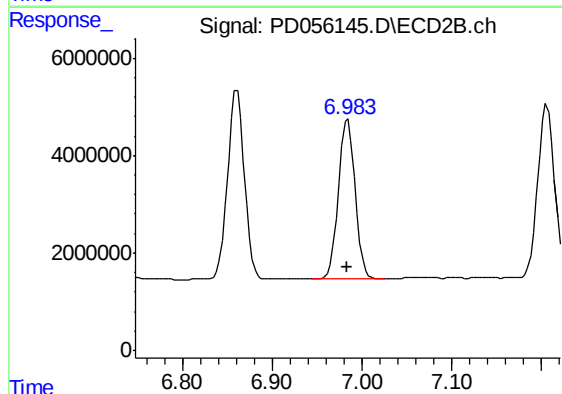
R.T.: 7.065 min  
Delta R.T.: -0.007 min  
Response: 366750  
Conc: 0.34 ng/ml



#18 Endrin aldehyde

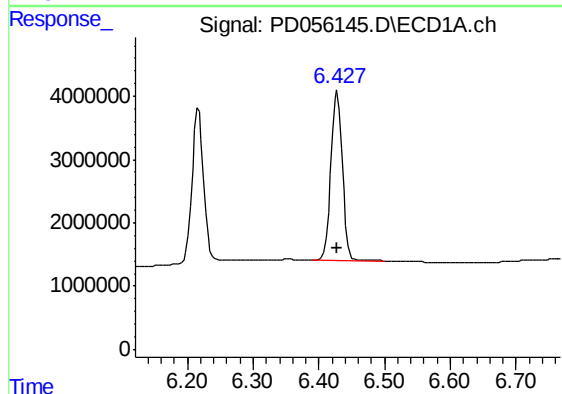
R.T.: 6.217 min  
Delta R.T.: 0.000 min  
Response: 29583712  
Conc: 41.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



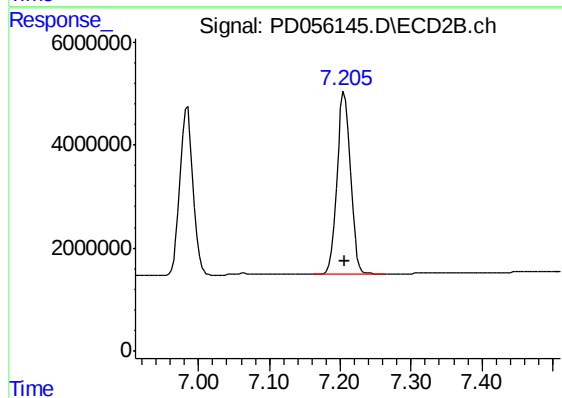
#18 Endrin aldehyde

R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 42400148  
Conc: 39.05 ng/ml



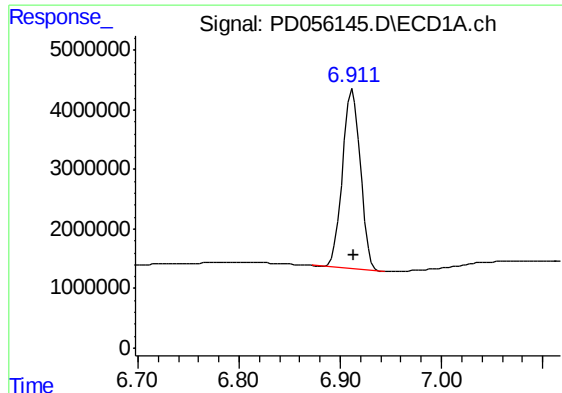
#19 Endosulfan Sulfate

R.T.: 6.428 min  
Delta R.T.: 0.000 min  
Response: 32432686  
Conc: 41.34 ng/ml



#19 Endosulfan Sulfate

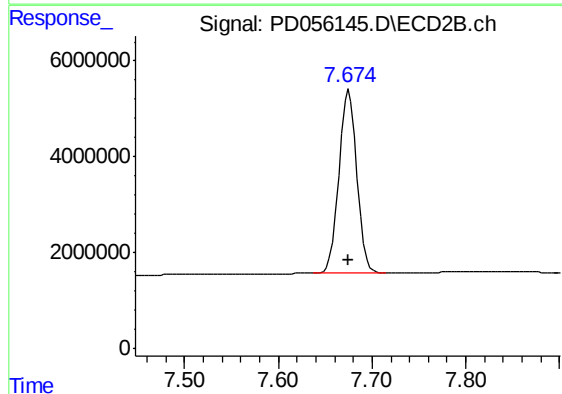
R.T.: 7.206 min  
Delta R.T.: 0.000 min  
Response: 46645297  
Conc: 38.69 ng/ml



#21 Endrin ketone

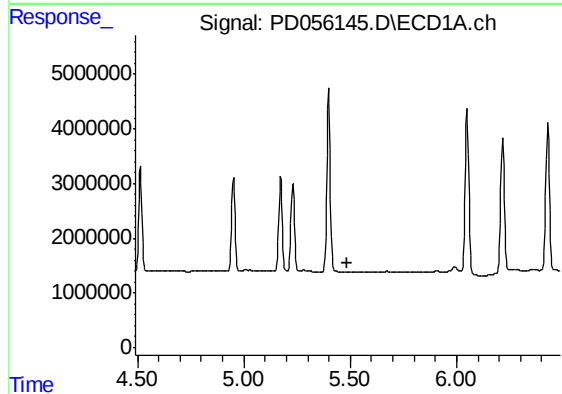
R.T.: 6.912 min  
Delta R.T.: 0.000 min  
Response: 36927092  
Conc: 41.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



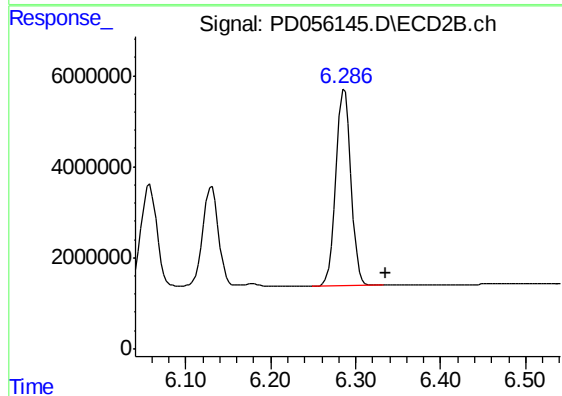
#21 Endrin ketone

R.T.: 7.676 min  
Delta R.T.: 0.000 min  
Response: 50620532  
Conc: 38.38 ng/ml



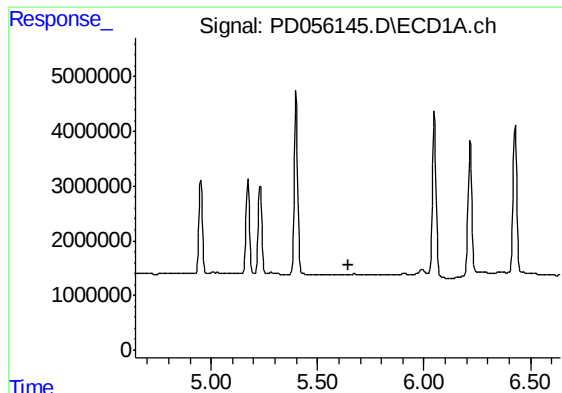
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.488 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

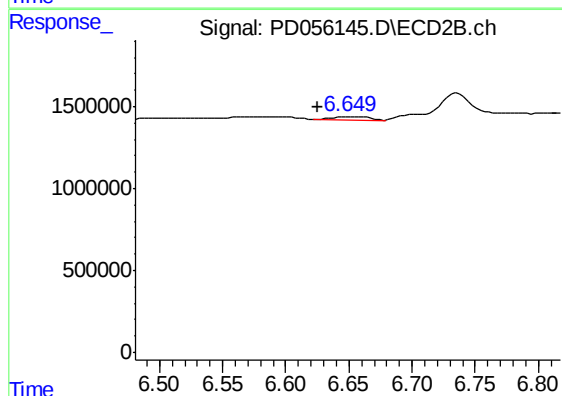
R.T.: 6.287 min  
Delta R.T.: -0.049 min  
Response: 53643596  
Conc: 5224.59 ng/ml



#23 Toxaphene-2

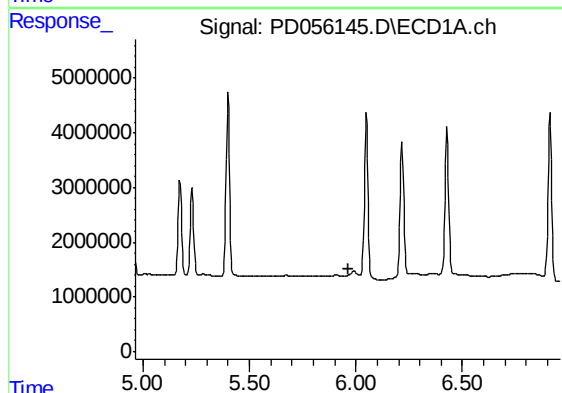
R.T.: 0.000 min  
Exp R.T. : 5.643 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



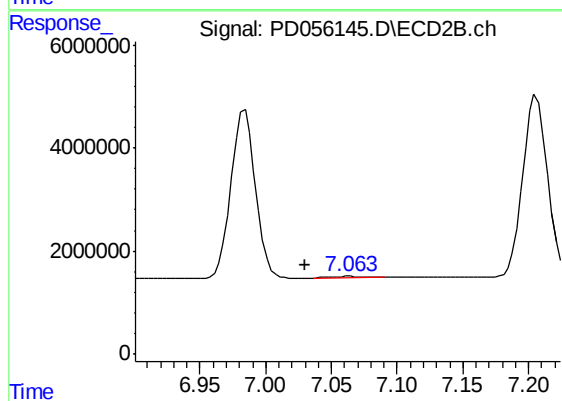
#23 Toxaphene-2

R.T.: 6.651 min  
Delta R.T.: 0.026 min  
Response: 350744  
Conc: 29.22 ng/ml



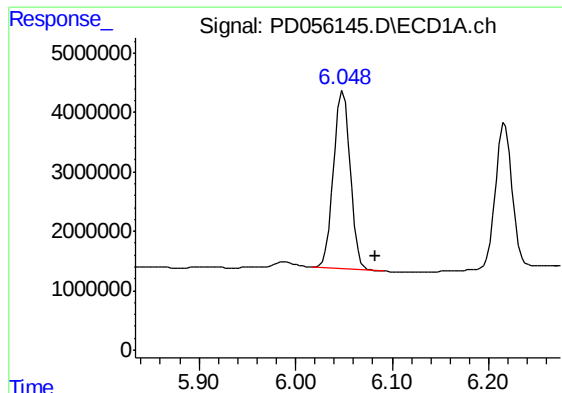
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 5.964 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

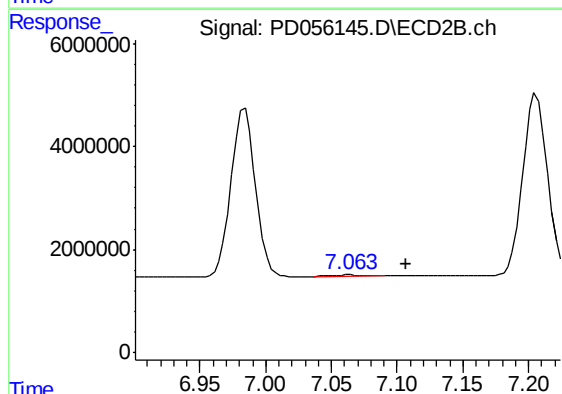
R.T.: 7.065 min  
Delta R.T.: 0.035 min  
Response: 366750  
Conc: 19.79 ng/ml



#25 Toxaphene-4

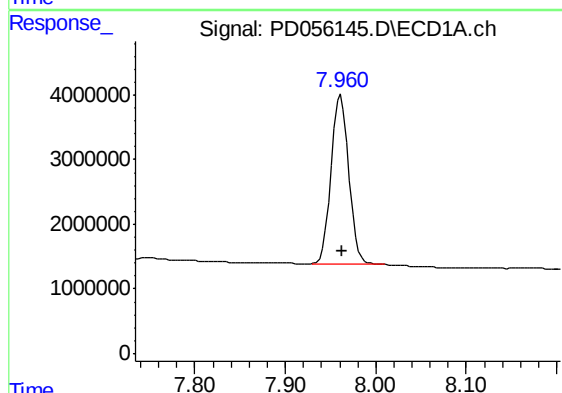
R.T.: 6.049 min  
Delta R.T.: -0.033 min  
Response: 35177184  
Conc: 1542.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDB351



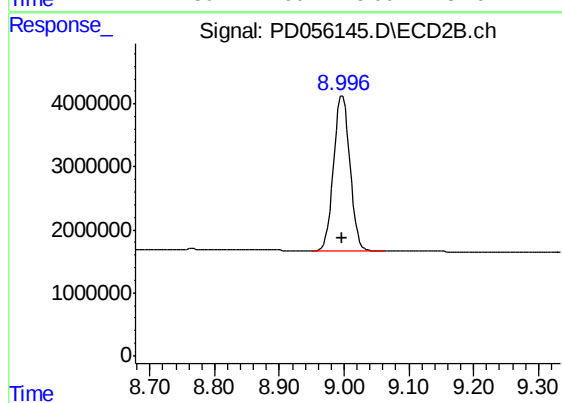
#25 Toxaphene-4

R.T.: 7.065 min  
Delta R.T.: -0.042 min  
Response: 366750  
Conc: 7.12 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.962 min  
Delta R.T.: -0.002 min  
Response: 35436038  
Conc: 43.47 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.997 min  
Delta R.T.: 0.000 min  
Response: 42775166  
Conc: 37.67 ng/ml