

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121219\  
 Data File : PD056426.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2019 20:17  
 Operator : SG\AJ  
 Sample : INDA313  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 INDA313

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 13 00:55:47 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 03 08:51:13 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... | 3.287  | 3.960  | 17088766 | 25642637 | 20.634   | 21.329     |
| 27)                         | SA Decachlor... | 7.956  | 8.993  | 37983174 | 48070240 | 42.065   | 39.954     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.713  | 4.347  | 24490745 | 35813854 | 20.802   | 21.472     |
| 3)                          | MA gamma-BHC... | 3.988  | 4.629  | 23192286 | 34760617 | 20.653   | 21.539     |
| 4)                          | MA Heptachlor   | 4.274  | 5.135  | 20653888 | 33504991 | 20.492   | 20.558     |
| 6)                          | B beta-BHC      | 4.274f | 0.000  | 20653888 | 0        | 38.373   | N.D. #     |
| 9)                          | A Endosulfan I  | 5.279  | 6.177  | 19056624 | 30388348 | 20.610   | 20.944     |
| 11)                         | B cis-Chlor...  | 5.279f | 6.177f | 19056624 | 30388348 | 18.662   | 18.856     |
| 13)                         | MA Dieldrin     | 5.519  | 6.433  | 43360824 | 66103028 | 42.688   | 42.066     |
| 14)                         | MA Endrin       | 5.772  | 6.649  | 29861018 | 44057978 | 35.732   | 34.812     |
| 15)                         | B Endosulfa...  | 0.000  | 6.867  | 0        | 910169   | N.D.     | 0.621      |
| 16)                         | A 4,4'-DDD      | 5.906  | 6.771  | 35008137 | 53440681 | 49.190   | 45.413     |
| 17)                         | MA 4,4'-DDT     | 6.141  | 7.070  | 25142503 | 40499173 | 35.732   | 34.259     |
| 18)                         | B Endrin al...  | 0.000  | 6.981  | 0        | 2223939  | N.D.     | 1.829      |
| 20)                         | A Methoxychlor  | 6.689  | 7.526  | 70108294 | 115.8E6  | 206.858  | 191.074    |
| 21)                         | B Endrin ke...  | 6.907  | 7.672  | 4987968  | 6957342  | 5.151    | 4.728      |
| 22)                         | Toxaphene-1     | 5.519  | 6.383  | 43360824 | 757281   | 4812.612 | 67.452 #   |
| 23)                         | Toxaphene-2     | 0.000  | 6.649  | 0        | 44057978 | N.D.     | 3192.525   |
| 24)                         | Toxaphene-3     | 5.906  | 7.070  | 35008137 | 40499173 | 4230.540 | 2058.788 # |
| 25)                         | Toxaphene-4     | 6.141  | 7.070  | 25142503 | 40499173 | 1014.816 | 733.476 #  |
| 26)                         | Toxaphene-5     | 0.000  | 7.620  | 0        | 1162225  | N.D.     | 45.472     |
| -----                       |                 |        |        |          |          |          |            |

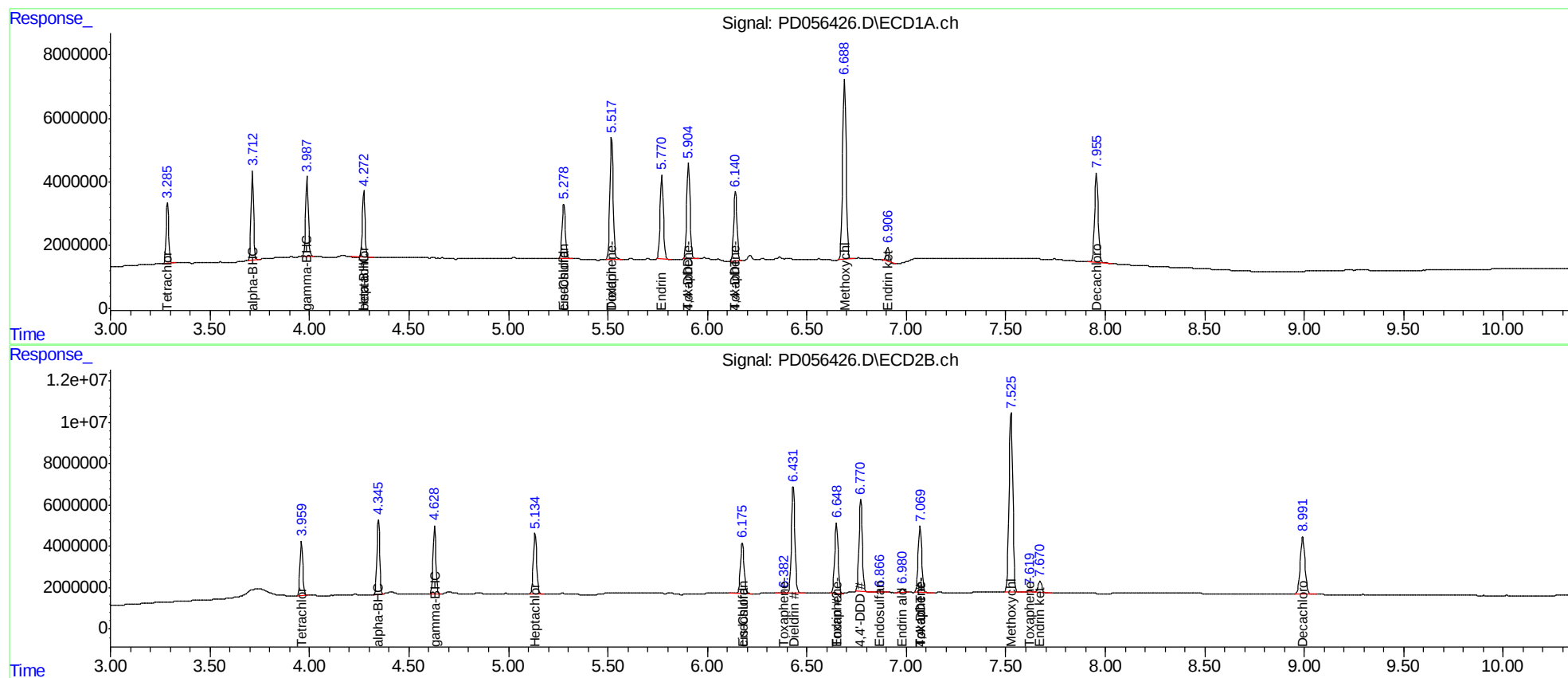
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

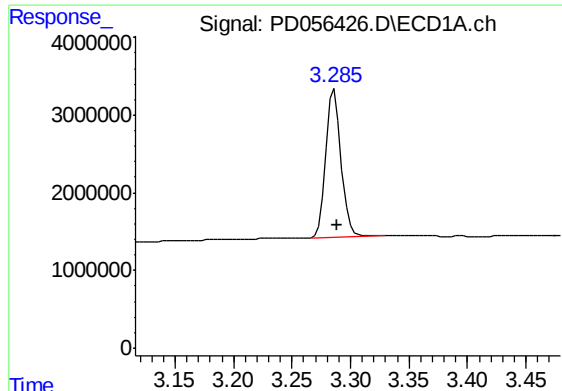
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121219\  
Data File : PD056426.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2019 20:17  
Operator : SG\AJ  
Sample : INDA313  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 00:55:47 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 03 08:51:13 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

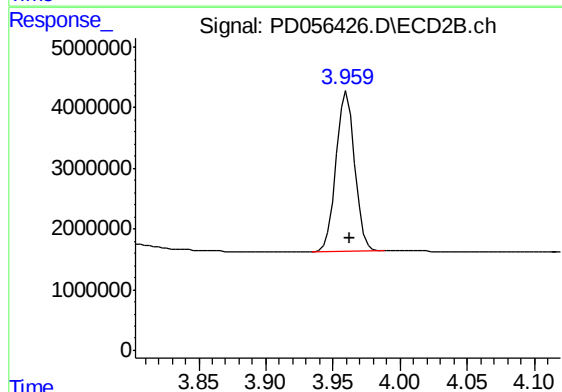




#1 Tetrachloro-m-xylene

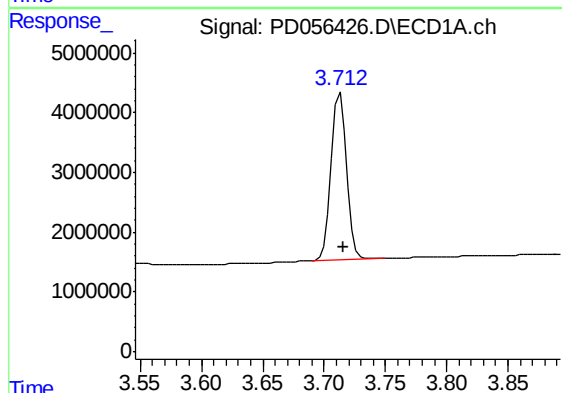
R.T.: 3.287 min  
Delta R.T.: -0.001 min  
Response: 17088766  
Conc: 20.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



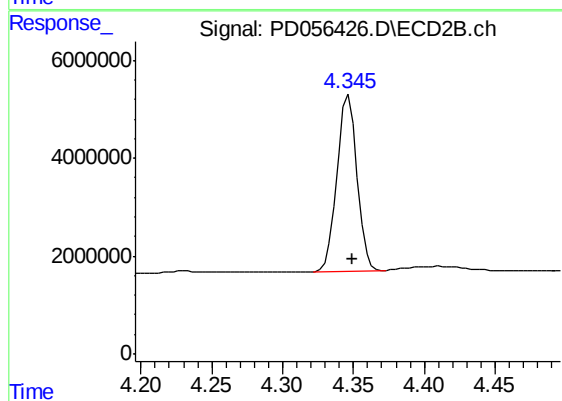
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.002 min  
Response: 25642637  
Conc: 21.33 ng/ml



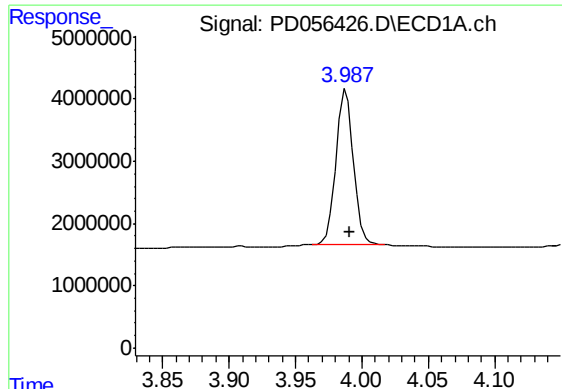
#2 alpha-BHC

R.T.: 3.713 min  
Delta R.T.: -0.002 min  
Response: 24490745  
Conc: 20.80 ng/ml



#2 alpha-BHC

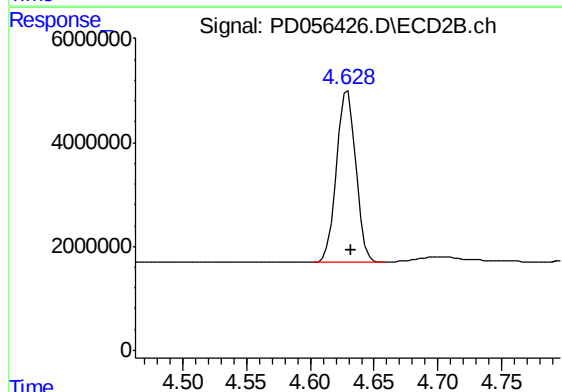
R.T.: 4.347 min  
Delta R.T.: -0.003 min  
Response: 35813854  
Conc: 21.47 ng/ml



#3 gamma-BHC (Lindane)

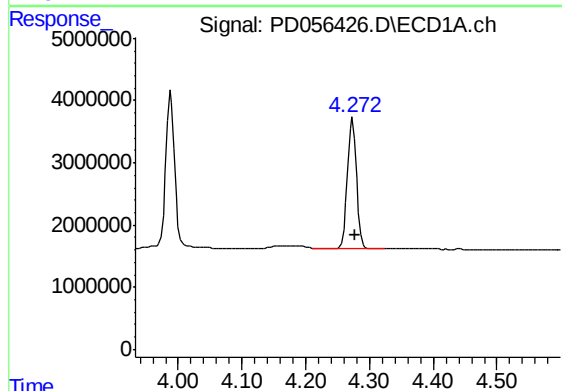
R.T.: 3.988 min  
Delta R.T.: -0.002 min  
Response: 23192286  
Conc: 20.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



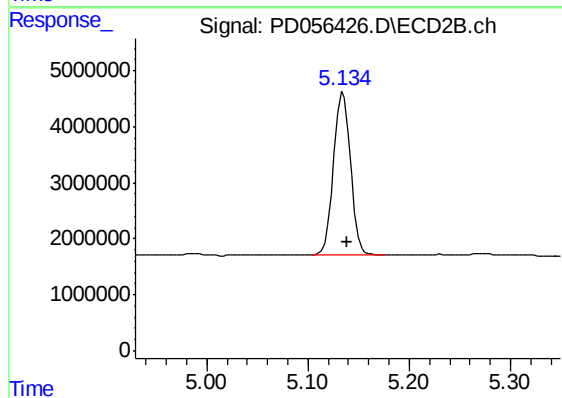
#3 gamma-BHC (Lindane)

R.T.: 4.629 min  
Delta R.T.: -0.003 min  
Response: 34760617  
Conc: 21.54 ng/ml



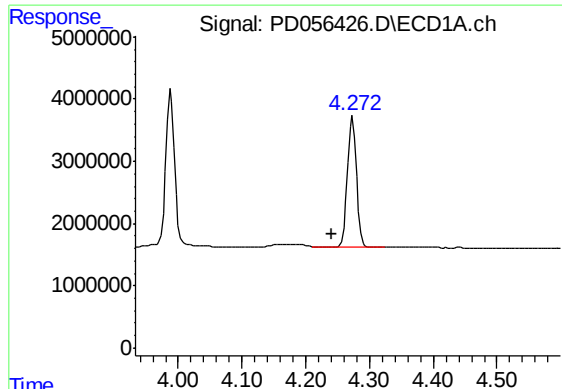
#4 Heptachlor

R.T.: 4.274 min  
Delta R.T.: -0.003 min  
Response: 20653888  
Conc: 20.49 ng/ml



#4 Heptachlor

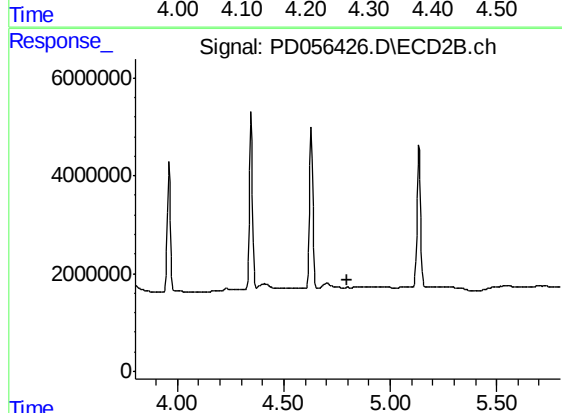
R.T.: 5.135 min  
Delta R.T.: -0.004 min  
Response: 33504991  
Conc: 20.56 ng/ml



#6 beta-BHC

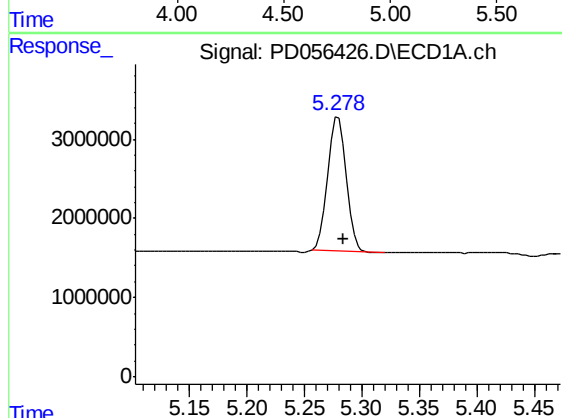
R.T.: 4.274 min  
Delta R.T.: 0.033 min  
Response: 20653888  
Conc: 38.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



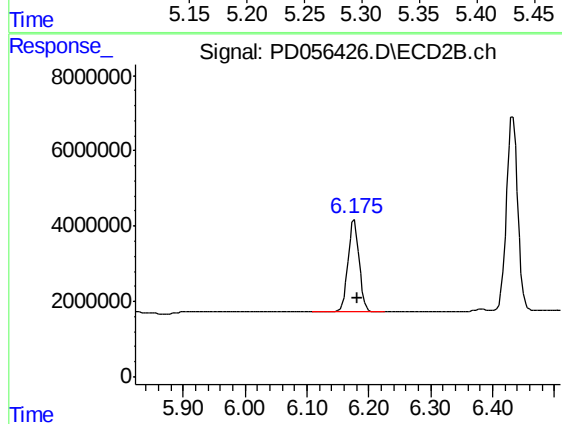
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.801 min  
Response: 0  
Conc: N.D.



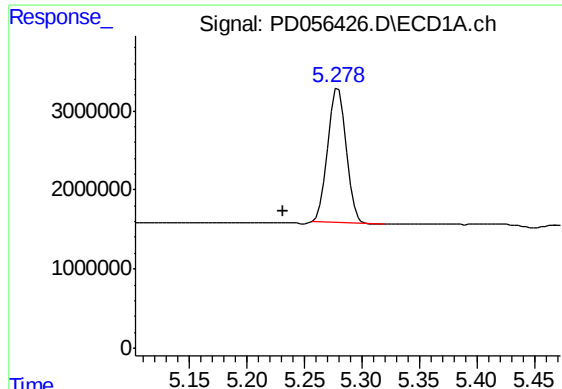
#9 Endosulfan I

R.T.: 5.279 min  
Delta R.T.: -0.005 min  
Response: 19056624  
Conc: 20.61 ng/ml



#9 Endosulfan I

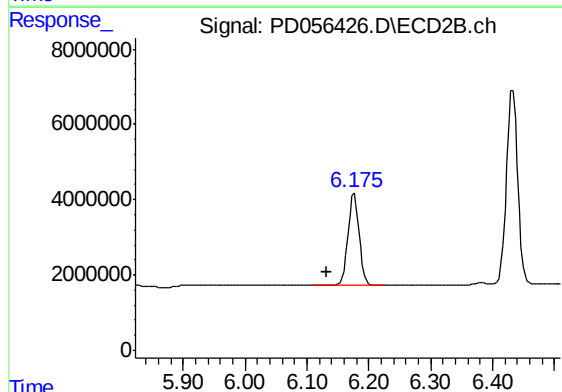
R.T.: 6.177 min  
Delta R.T.: -0.006 min  
Response: 30388348  
Conc: 20.94 ng/ml



#11 cis-Chlordane

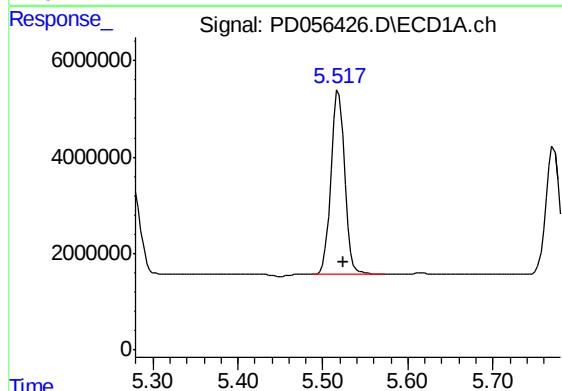
R.T.: 5.279 min  
Delta R.T.: 0.047 min  
Response: 19056624  
Conc: 18.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



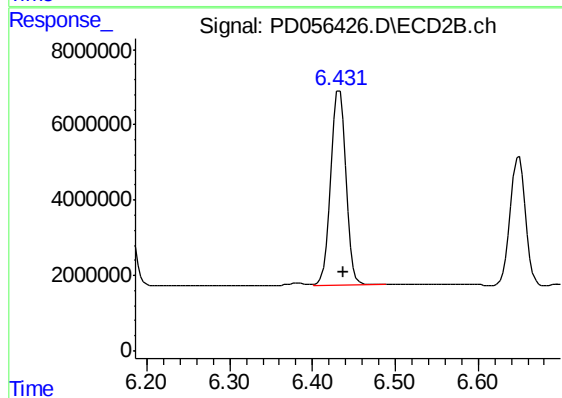
#11 cis-Chlordane

R.T.: 6.177 min  
Delta R.T.: 0.044 min  
Response: 30388348  
Conc: 18.86 ng/ml



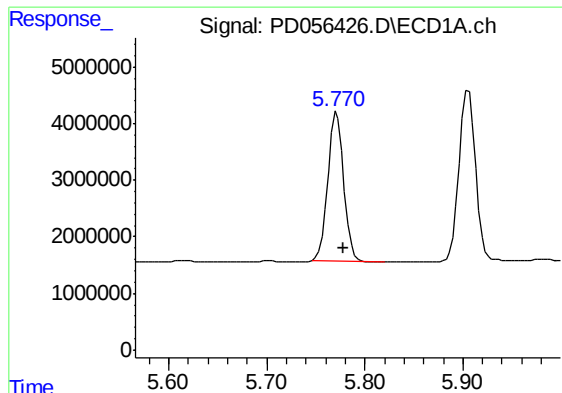
#13 Dieldrin

R.T.: 5.519 min  
Delta R.T.: -0.006 min  
Response: 43360824  
Conc: 42.69 ng/ml



#13 Dieldrin

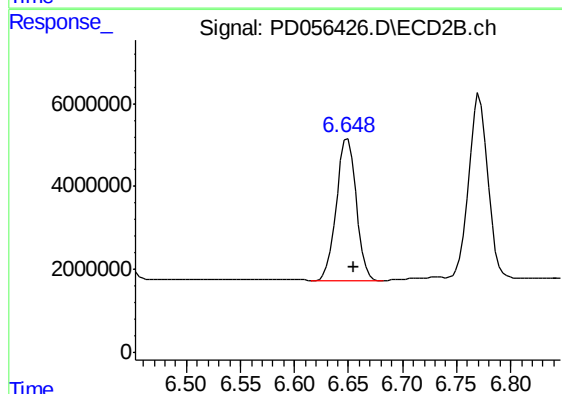
R.T.: 6.433 min  
Delta R.T.: -0.006 min  
Response: 66103028  
Conc: 42.07 ng/ml



#14 Endrin

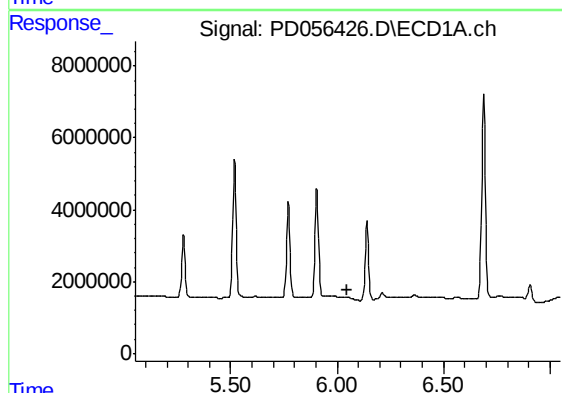
R.T.: 5.772 min  
Delta R.T.: -0.006 min  
Response: 29861018  
Conc: 35.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



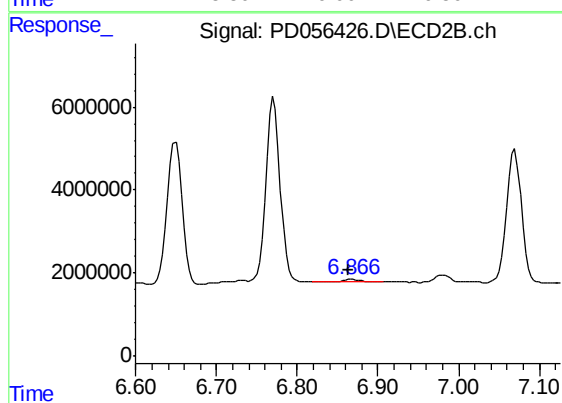
#14 Endrin

R.T.: 6.649 min  
Delta R.T.: -0.006 min  
Response: 44057978  
Conc: 34.81 ng/ml



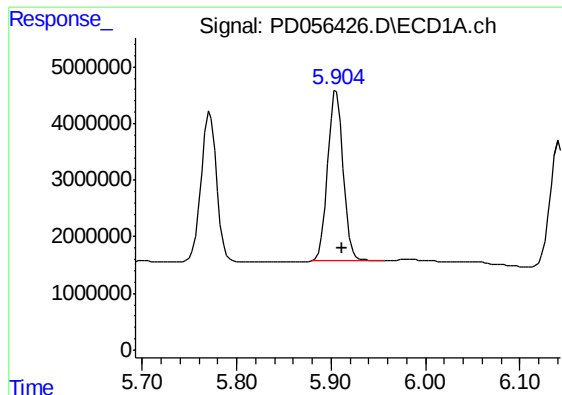
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.051 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

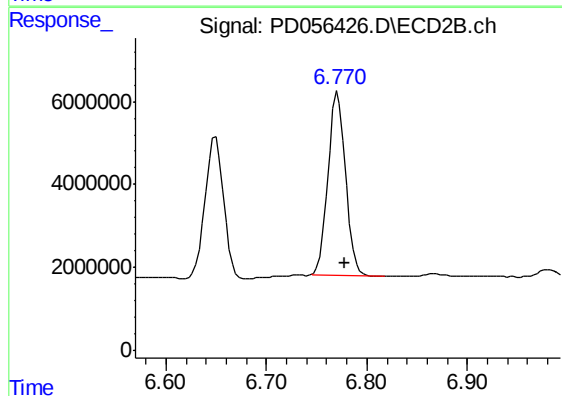
R.T.: 6.867 min  
Delta R.T.: 0.003 min  
Response: 910169  
Conc: 0.62 ng/ml



#16 4,4'-DDD

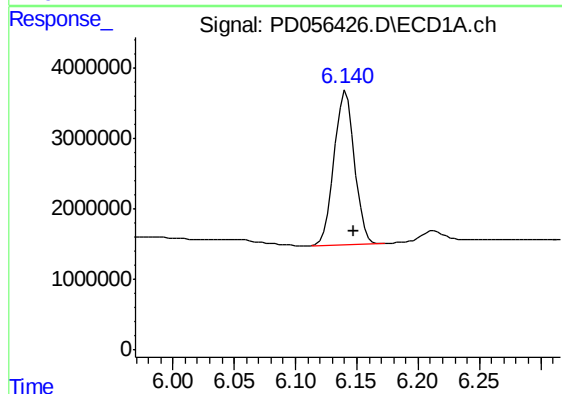
R.T.: 5.906 min  
Delta R.T.: -0.006 min  
Response: 35008137  
Conc: 49.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



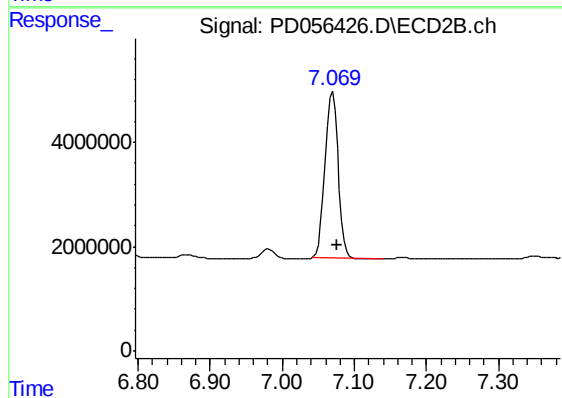
#16 4,4'-DDD

R.T.: 6.771 min  
Delta R.T.: -0.006 min  
Response: 53440681  
Conc: 45.41 ng/ml



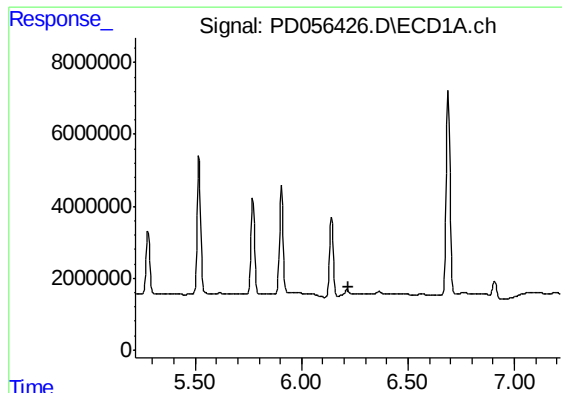
#17 4,4'-DDT

R.T.: 6.141 min  
Delta R.T.: -0.006 min  
Response: 25142503  
Conc: 35.73 ng/ml



#17 4,4'-DDT

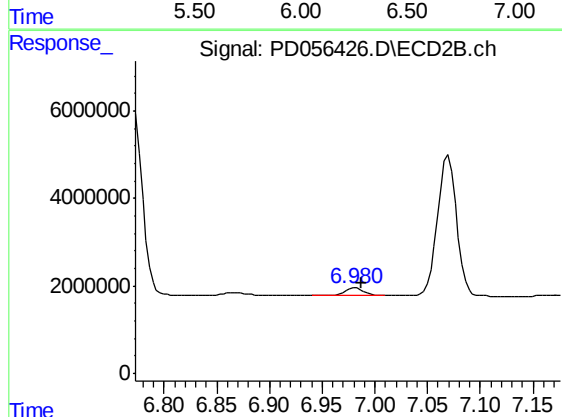
R.T.: 7.070 min  
Delta R.T.: -0.006 min  
Response: 40499173  
Conc: 34.26 ng/ml



#18 Endrin aldehyde

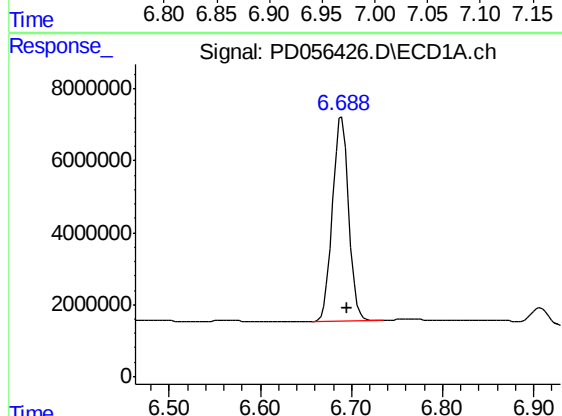
R.T.: 0.000 min  
Exp R.T.: 6.219 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



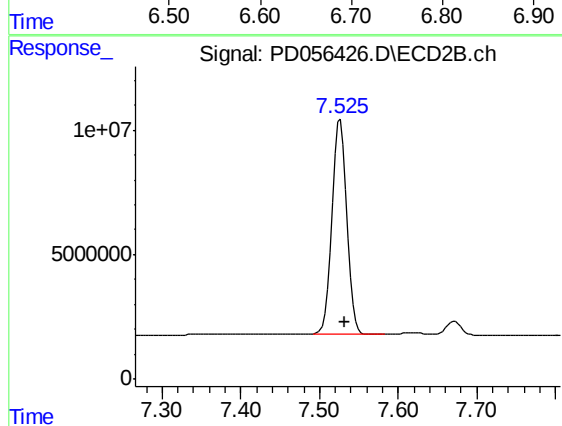
#18 Endrin aldehyde

R.T.: 6.981 min  
Delta R.T.: -0.006 min  
Response: 2223939  
Conc: 1.83 ng/ml



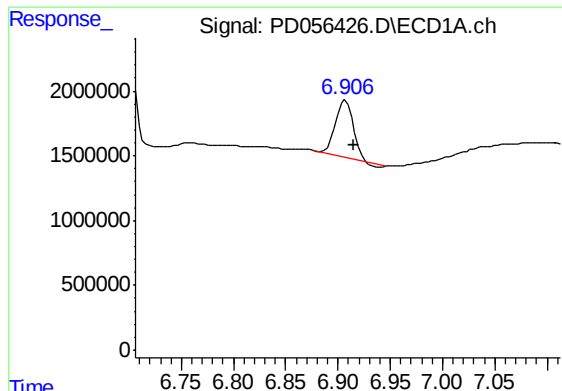
#20 Methoxychlor

R.T.: 6.689 min  
Delta R.T.: -0.007 min  
Response: 70108294  
Conc: 206.86 ng/ml



#20 Methoxychlor

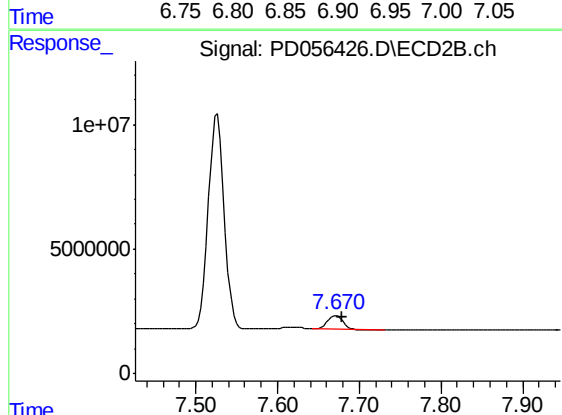
R.T.: 7.526 min  
Delta R.T.: -0.006 min  
Response: 115760664  
Conc: 191.07 ng/ml



#21 Endrin ketone

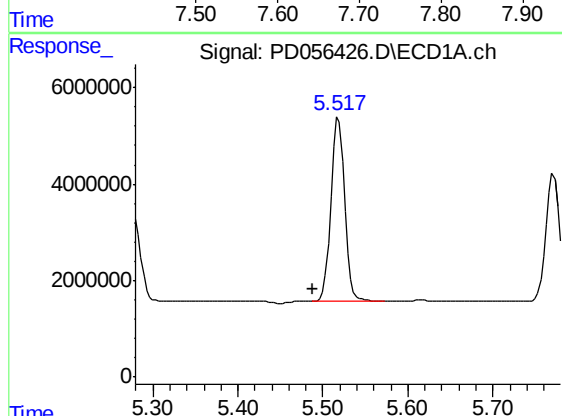
R.T.: 6.907 min  
Delta R.T.: -0.008 min  
Response: 4987968  
Conc: 5.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



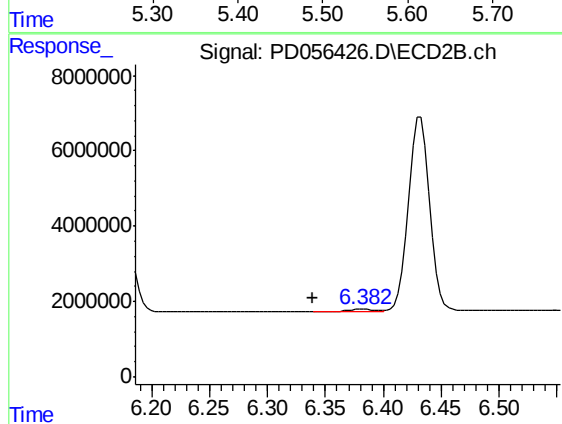
#21 Endrin ketone

R.T.: 7.672 min  
Delta R.T.: -0.007 min  
Response: 6957342  
Conc: 4.73 ng/ml



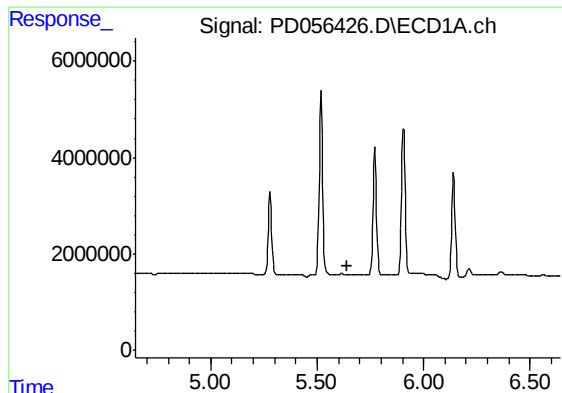
#22 Toxaphene-1

R.T.: 5.519 min  
Delta R.T.: 0.030 min  
Response: 43360824  
Conc: 4812.61 ng/ml



#22 Toxaphene-1

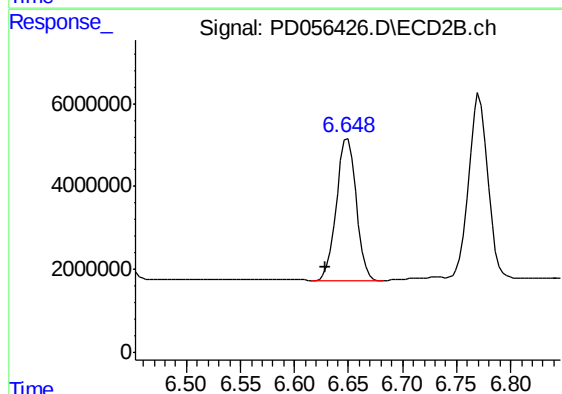
R.T.: 6.383 min  
Delta R.T.: 0.044 min  
Response: 757281  
Conc: 67.45 ng/ml



#23 Toxaphene-2

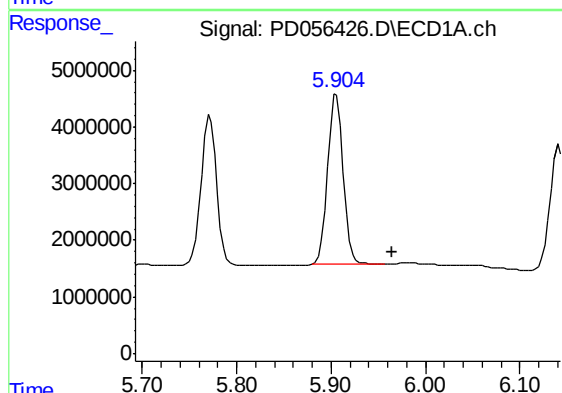
R.T.: 0.000 min  
Exp R.T.: 5.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



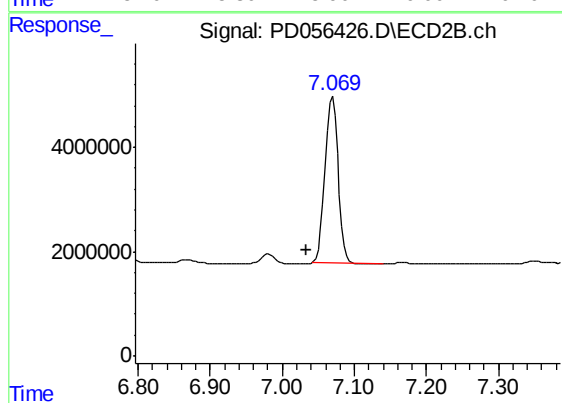
#23 Toxaphene-2

R.T.: 6.649 min  
Delta R.T.: 0.021 min  
Response: 44057978  
Conc: 3192.53 ng/ml



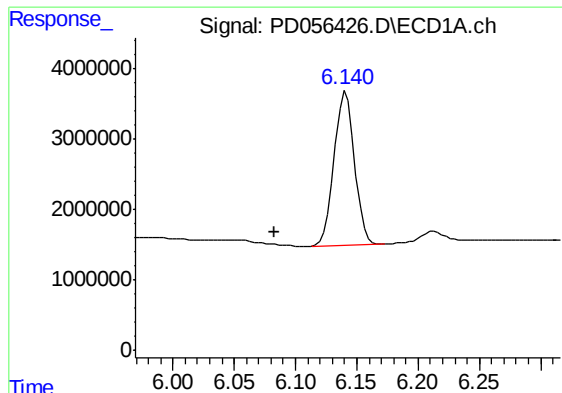
#24 Toxaphene-3

R.T.: 5.906 min  
Delta R.T.: -0.059 min  
Response: 35008137  
Conc: 4230.54 ng/ml



#24 Toxaphene-3

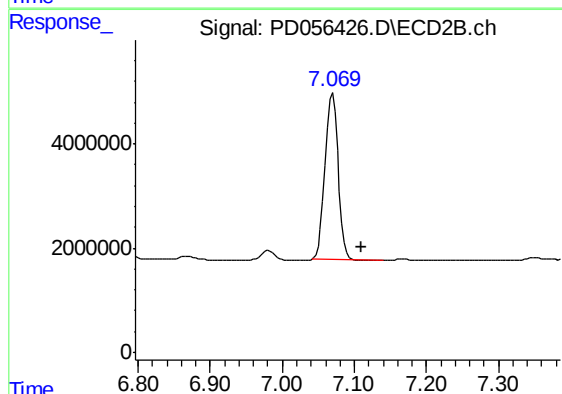
R.T.: 7.070 min  
Delta R.T.: 0.037 min  
Response: 40499173  
Conc: 2058.79 ng/ml



#25 Toxaphene-4

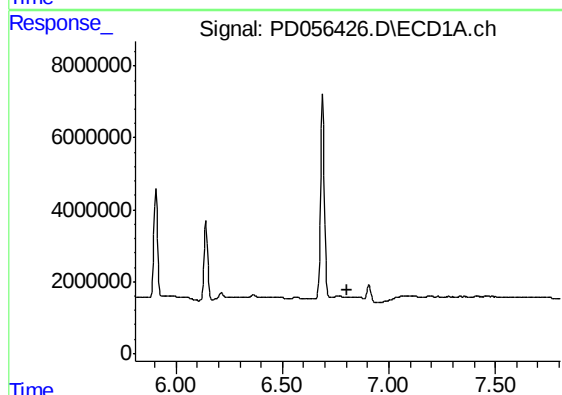
R.T.: 6.141 min  
Delta R.T.: 0.059 min  
Response: 25142503  
Conc: 1014.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



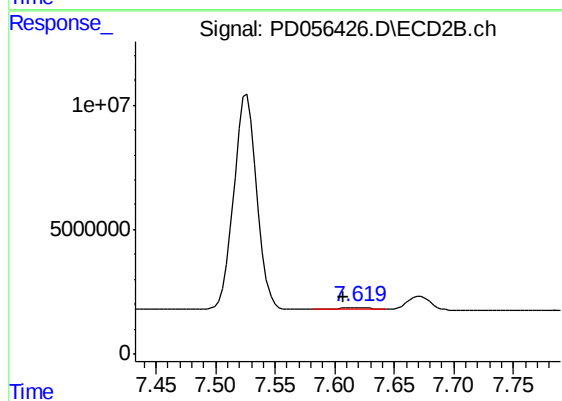
#25 Toxaphene-4

R.T.: 7.070 min  
Delta R.T.: -0.040 min  
Response: 40499173  
Conc: 733.48 ng/ml



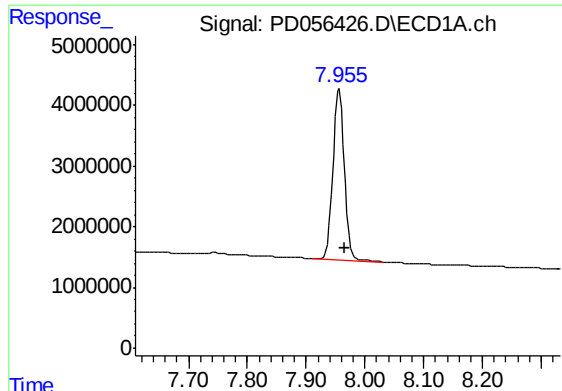
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 6.808 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

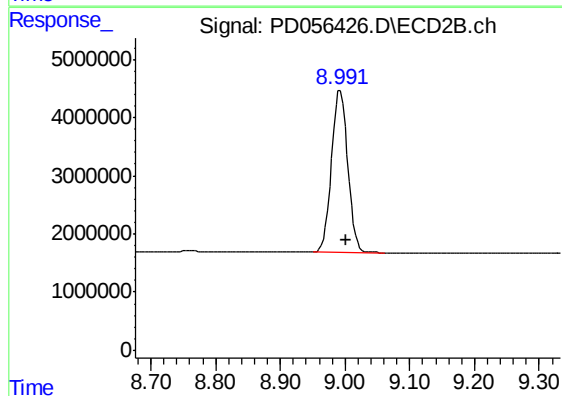
R.T.: 7.620 min  
Delta R.T.: 0.013 min  
Response: 1162225  
Conc: 45.47 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.956 min  
Delta R.T.: -0.009 min  
Response: 37983174  
Conc: 42.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
INDA313



#27 Decachlorobiphenyl

R.T.: 8.993 min  
Delta R.T.: -0.010 min  
Response: 48070240  
Conc: 39.95 ng/ml