

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121119\  
 Data File : PD056395.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Dec 2019 18:20  
 Operator : SG\AJ  
 Sample : PEM45  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM45

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 01:19:14 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  | 3.961 | 18269894 | 27367469 | 22.060   | 22.763     |
| 27)                         | SA Decachlor... | 7.958  | 8.995 | 21488313 | 27239469 | 23.797   | 22.640     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.714  | 4.347 | 13038312 | 18641461 | 11.074   | 11.176     |
| 3)                          | MA gamma-BHC... | 3.989  | 4.630 | 12588759 | 18121865 | 11.211   | 11.229     |
| 4)                          | MA Heptachlor   | 4.238f | 0.000 | 5400121  | 0        | 5.358    | N.D. #     |
| 6)                          | B beta-BHC      | 4.238  | 4.799 | 5400121  | 8866518  | 10.033   | 10.759     |
| 14)                         | MA Endrin       | 5.772  | 6.651 | 42945698 | 61474269 | 51.389   | 48.574     |
| 15)                         | B Endosulfa...  | 0.000  | 6.868 | 0        | 1253426  | N.D.     | 0.855      |
| 16)                         | A 4,4'-DDD      | 5.907  | 6.773 | 7334217  | 10464143 | 10.305   | 8.892      |
| 17)                         | MA 4,4'-DDT     | 6.142  | 7.071 | 76698628 | 117.4E6  | 109.002  | 99.270     |
| 18)                         | B Endrin al...  | 0.000  | 6.982 | 0        | 2311098  | N.D.     | 1.901      |
| 20)                         | A Methoxychlor  | 6.690  | 7.527 | 95815794 | 155.2E6  | 282.709  | 256.240    |
| 21)                         | B Endrin ke...  | 6.908  | 7.673 | 6075096  | 8239692  | 6.274    | 5.600      |
| 23)                         | Toxaphene-2     | 0.000  | 6.651 | 0        | 61474269 | N.D.     | 4454.543   |
| 24)                         | Toxaphene-3     | 5.907  | 7.071 | 7334217  | 117.4E6  | 886.300  | 5965.646 # |
| 25)                         | Toxaphene-4     | 6.142  | 7.071 | 76698628 | 117.4E6  | 3095.752 | 2125.357 # |
| 26)                         | Toxaphene-5     | 0.000  | 7.621 | 0        | 1386160  | N.D.     | 54.234     |
| -----                       |                 |        |       |          |          |          |            |

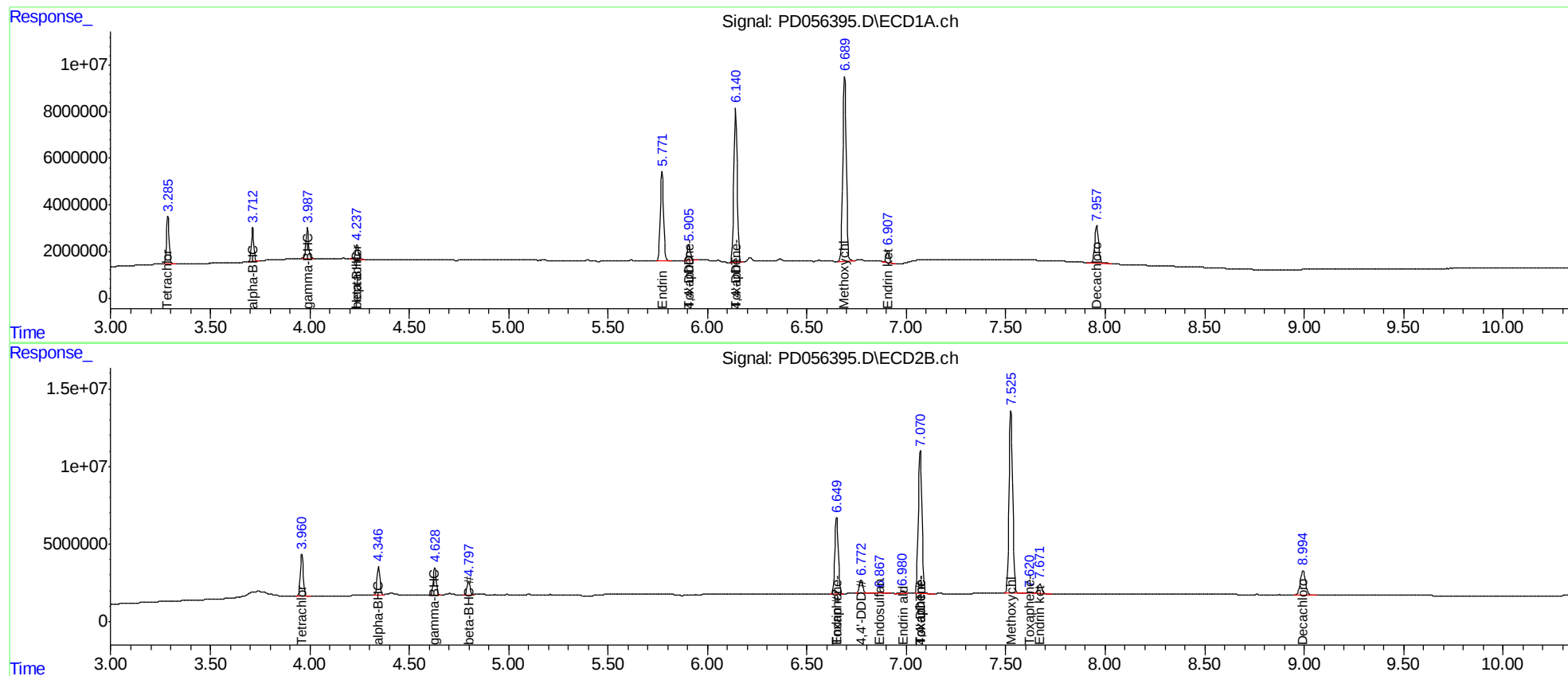
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

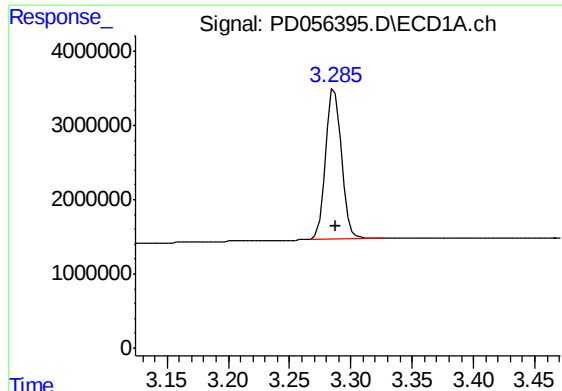
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121119\  
Data File : PD056395.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Dec 2019 18:20  
Operator : SG\AJ  
Sample : PEM45  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 01:19:14 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

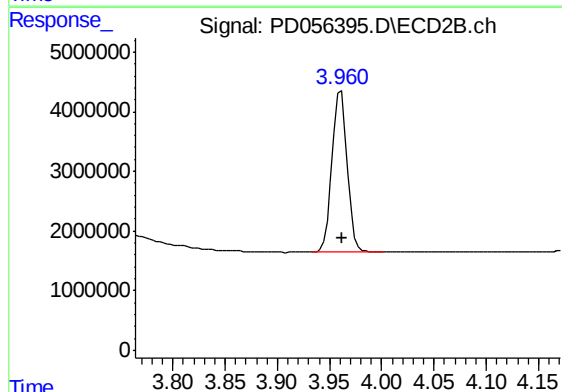




#1 Tetrachloro-m-xylene

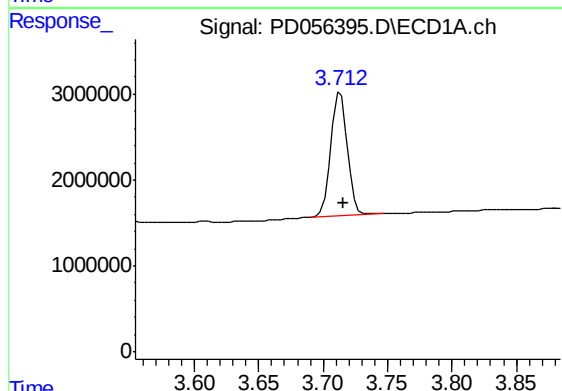
R.T.: 3.287 min  
Delta R.T.: -0.001 min  
Response: 18269894  
Conc: 22.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



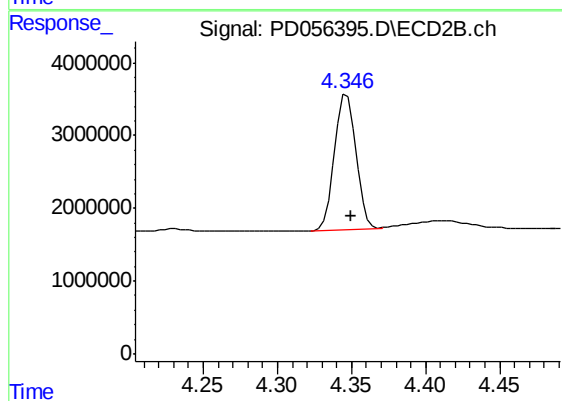
#1 Tetrachloro-m-xylene

R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 27367469  
Conc: 22.76 ng/ml



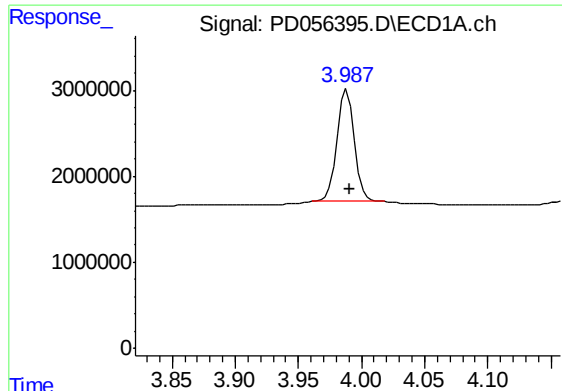
#2 alpha-BHC

R.T.: 3.714 min  
Delta R.T.: -0.002 min  
Response: 13038312  
Conc: 11.07 ng/ml



#2 alpha-BHC

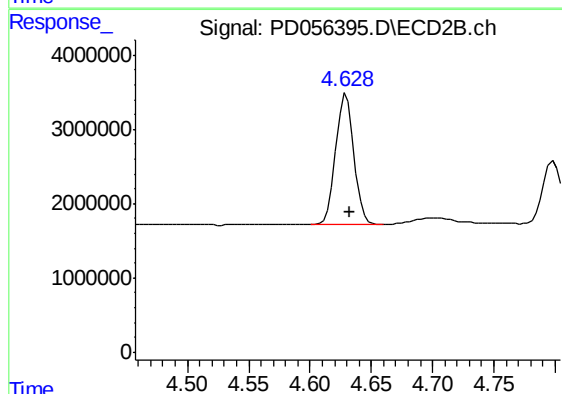
R.T.: 4.347 min  
Delta R.T.: -0.002 min  
Response: 18641461  
Conc: 11.18 ng/ml



#3 gamma-BHC (Lindane)

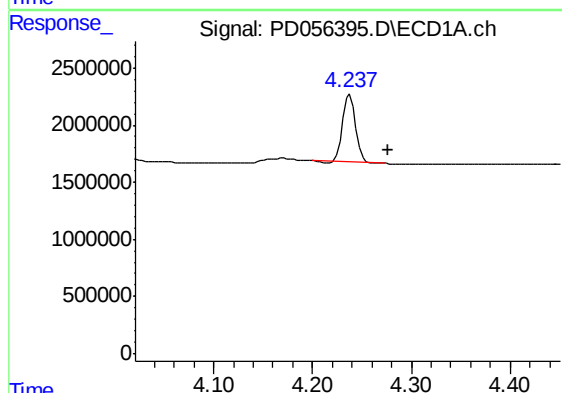
R.T.: 3.989 min  
Delta R.T.: -0.002 min  
Response: 12588759  
Conc: 11.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



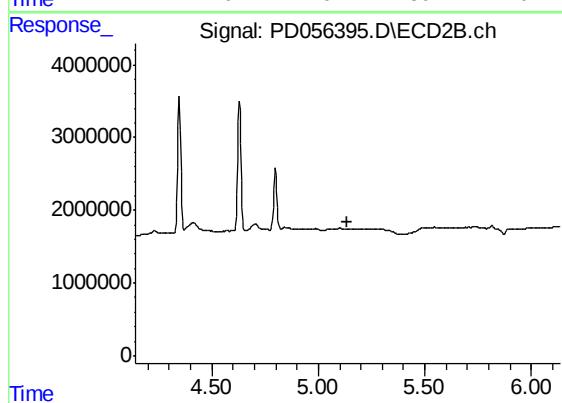
#3 gamma-BHC (Lindane)

R.T.: 4.630 min  
Delta R.T.: -0.003 min  
Response: 18121865  
Conc: 11.23 ng/ml



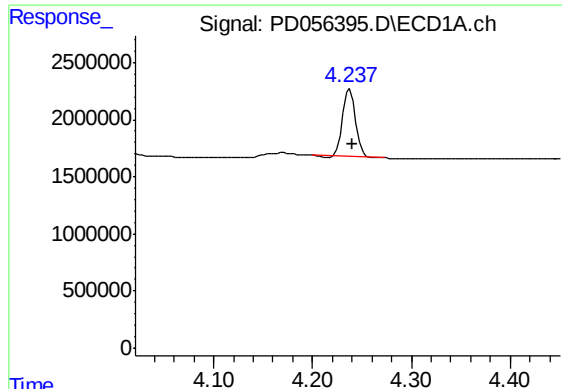
#4 Heptachlor

R.T.: 4.238 min  
Delta R.T.: -0.038 min  
Response: 5400121  
Conc: 5.36 ng/ml



#4 Heptachlor

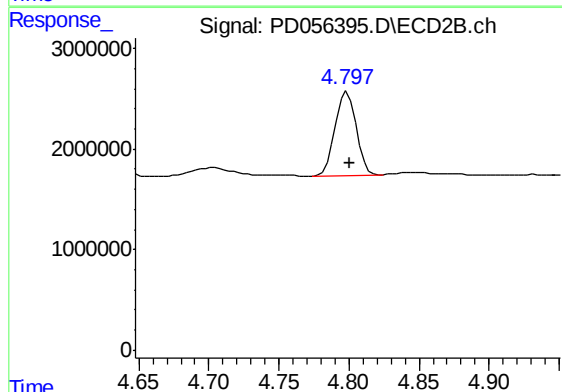
R.T.: 0.000 min  
Exp R.T. : 5.139 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

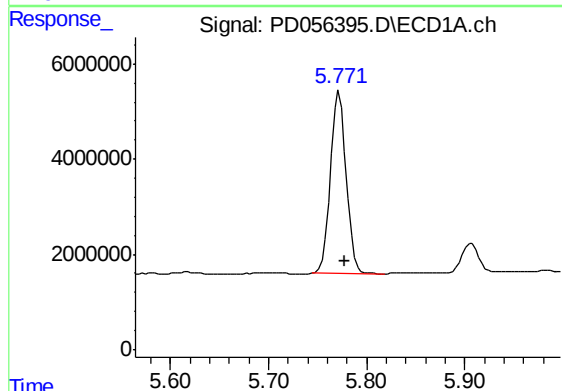
R.T.: 4.238 min  
Delta R.T.: -0.002 min  
Response: 5400121  
Conc: 10.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



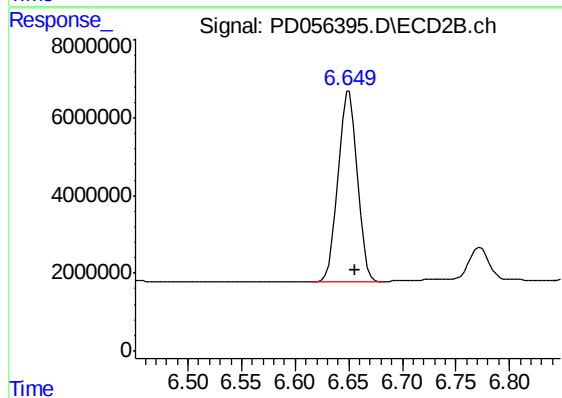
#6 beta-BHC

R.T.: 4.799 min  
Delta R.T.: -0.002 min  
Response: 8866518  
Conc: 10.76 ng/ml



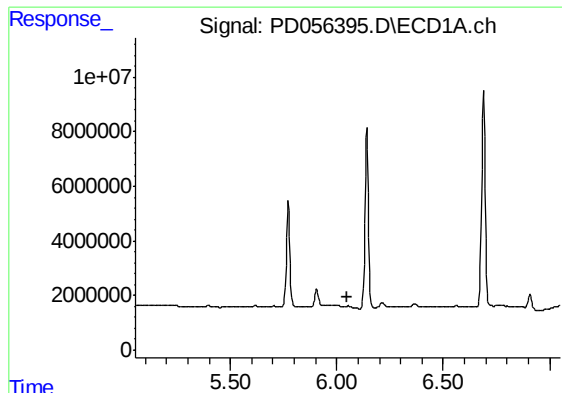
#14 Endrin

R.T.: 5.772 min  
Delta R.T.: -0.005 min  
Response: 42945698  
Conc: 51.39 ng/ml



#14 Endrin

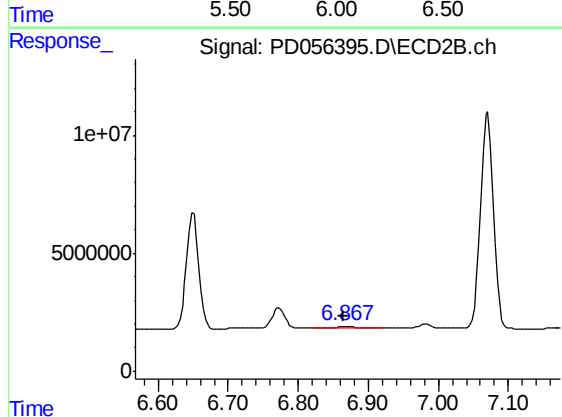
R.T.: 6.651 min  
Delta R.T.: -0.005 min  
Response: 61474269  
Conc: 48.57 ng/ml



#15 Endosulfan II

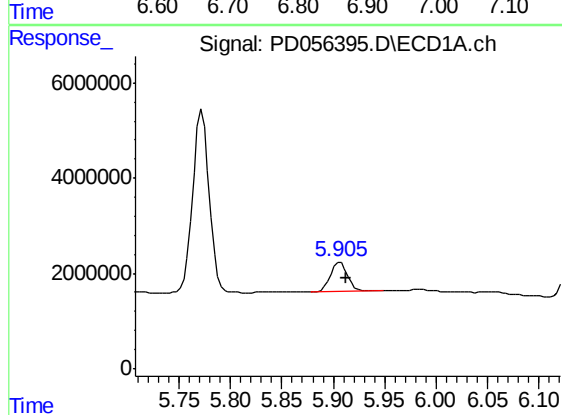
R.T.: 0.000 min  
Exp R.T.: 6.051 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



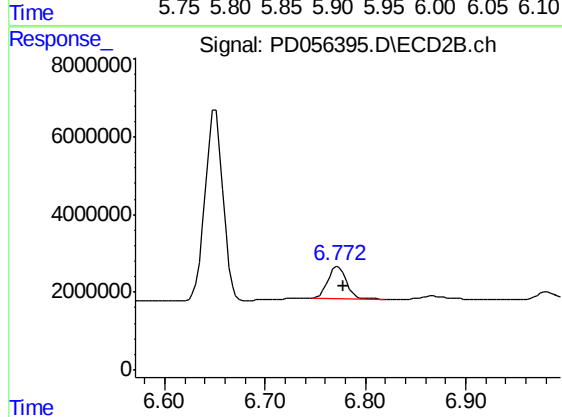
#15 Endosulfan II

R.T.: 6.868 min  
Delta R.T.: 0.004 min  
Response: 1253426  
Conc: 0.86 ng/ml



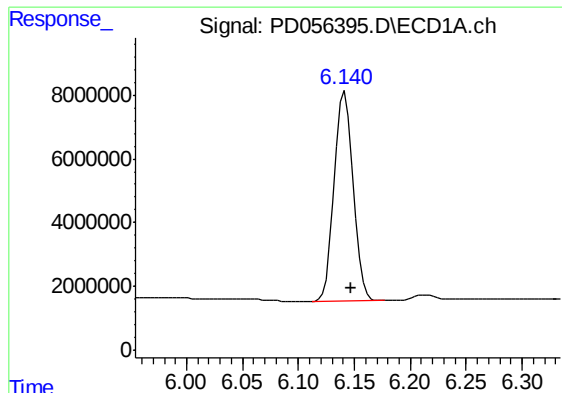
#16 4,4'-DDD

R.T.: 5.907 min  
Delta R.T.: -0.005 min  
Response: 7334217  
Conc: 10.31 ng/ml



#16 4,4'-DDD

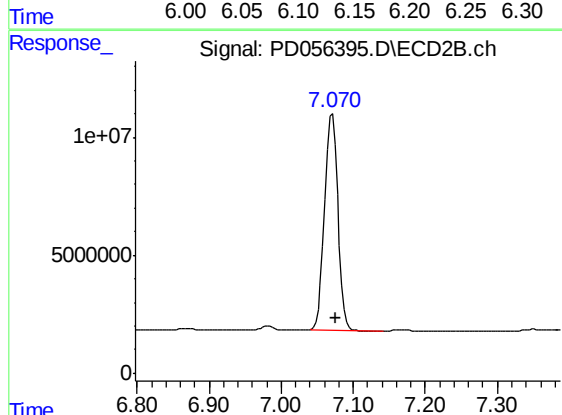
R.T.: 6.773 min  
Delta R.T.: -0.005 min  
Response: 10464143  
Conc: 8.89 ng/ml



#17 4,4'-DDT

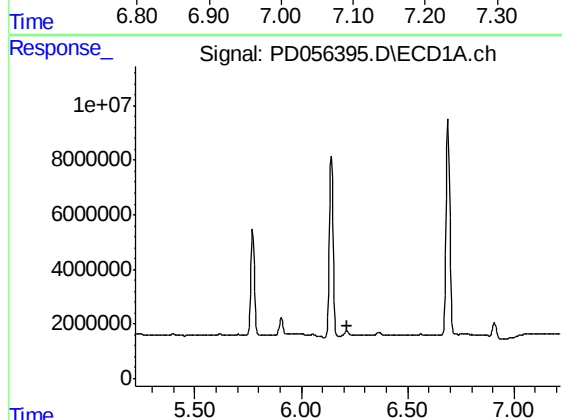
R.T.: 6.142 min  
Delta R.T.: -0.006 min  
Response: 76698628  
Conc: 109.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



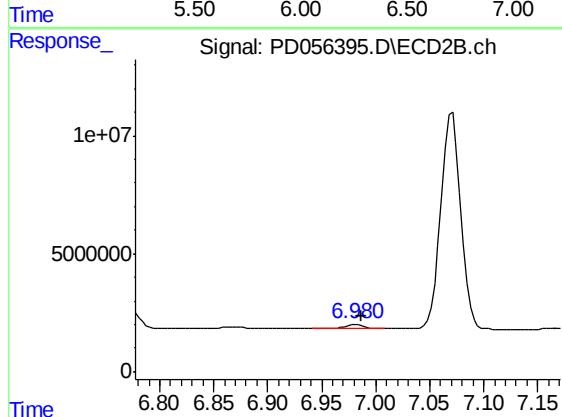
#17 4,4'-DDT

R.T.: 7.071 min  
Delta R.T.: -0.005 min  
Response: 117352435  
Conc: 99.27 ng/ml



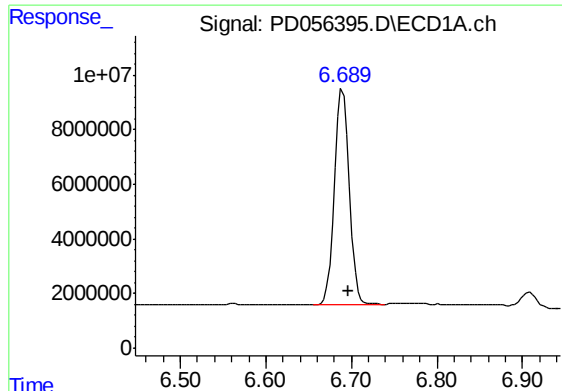
#18 Endrin aldehyde

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



#18 Endrin aldehyde

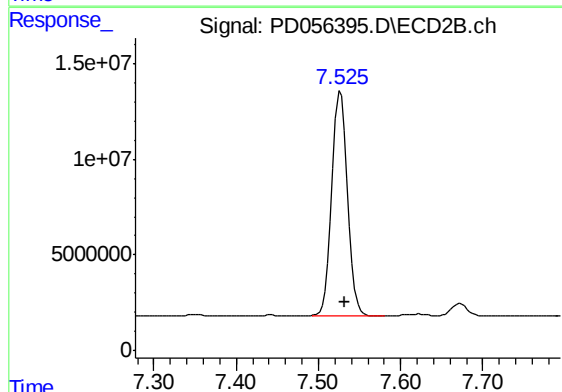
R.T.: 6.982 min  
Delta R.T.: -0.005 min  
Response: 2311098  
Conc: 1.90 ng/ml



#20 Methoxychlor

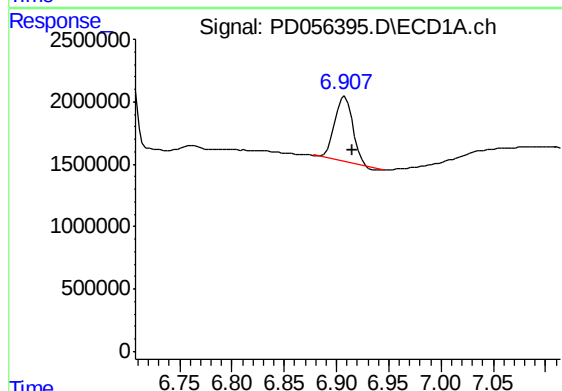
R.T.: 6.690 min  
Delta R.T.: -0.006 min  
Response: 95815794  
Conc: 282.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



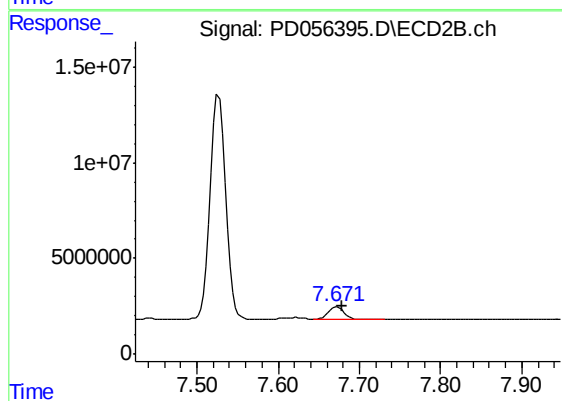
#20 Methoxychlor

R.T.: 7.527 min  
Delta R.T.: -0.006 min  
Response: 155240647  
Conc: 256.24 ng/ml



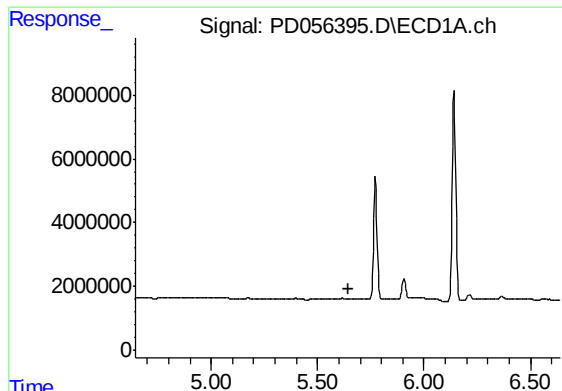
#21 Endrin ketone

R.T.: 6.908 min  
Delta R.T.: -0.007 min  
Response: 6075096  
Conc: 6.27 ng/ml



#21 Endrin ketone

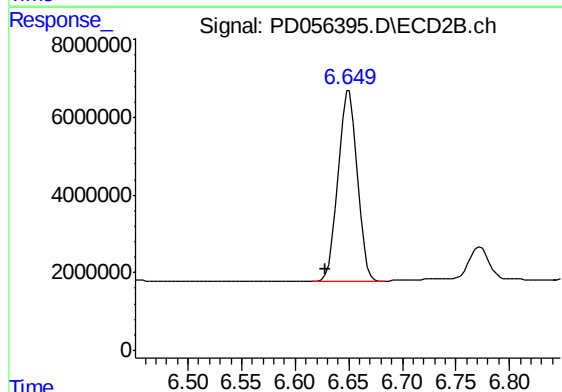
R.T.: 7.673 min  
Delta R.T.: -0.006 min  
Response: 8239692  
Conc: 5.60 ng/ml



#23 Toxaphene-2

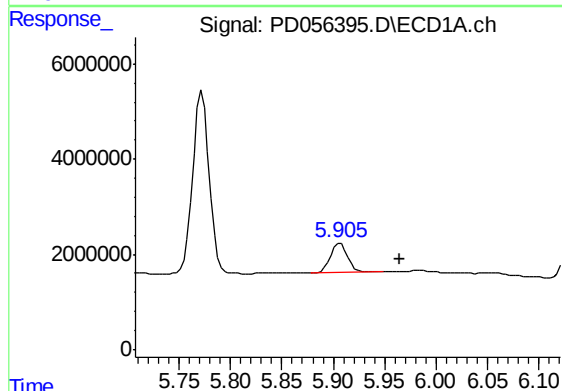
R.T.: 0.000 min  
Exp R.T.: 5.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



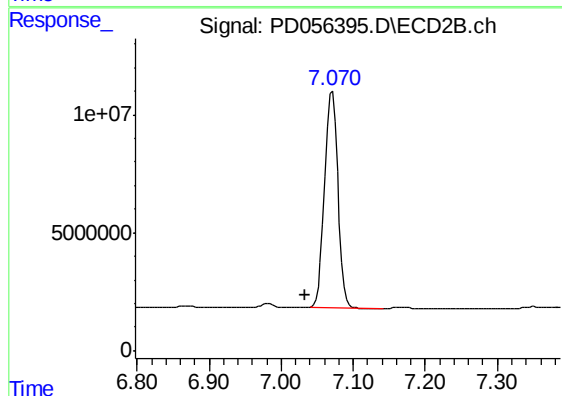
#23 Toxaphene-2

R.T.: 6.651 min  
Delta R.T.: 0.022 min  
Response: 61474269  
Conc: 4454.54 ng/ml



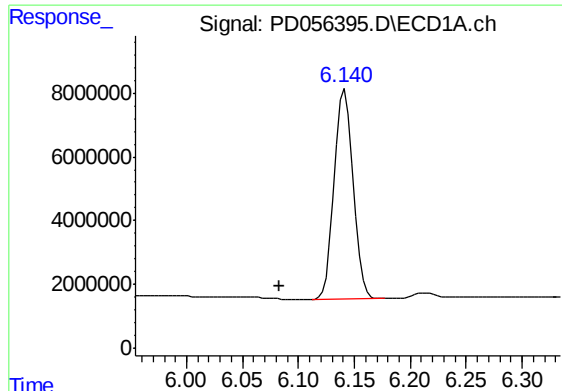
#24 Toxaphene-3

R.T.: 5.907 min  
Delta R.T.: -0.058 min  
Response: 7334217  
Conc: 886.30 ng/ml



#24 Toxaphene-3

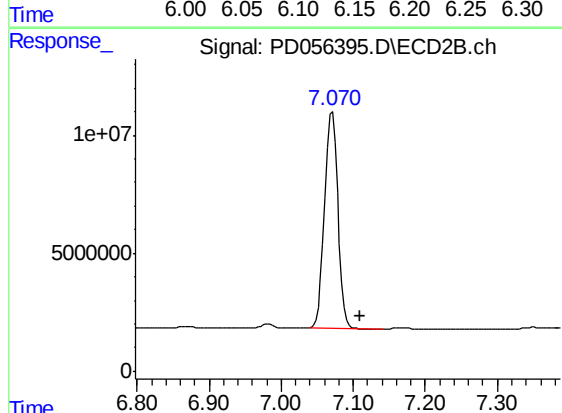
R.T.: 7.071 min  
Delta R.T.: 0.038 min  
Response: 117352435  
Conc: 5965.65 ng/ml



#25 Toxaphene-4

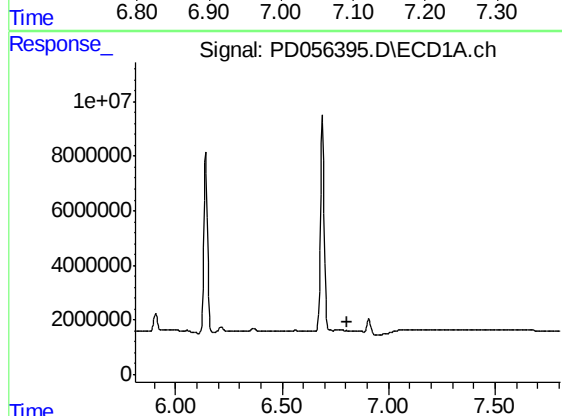
R.T.: 6.142 min  
Delta R.T.: 0.059 min  
Response: 76698628  
Conc: 3095.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



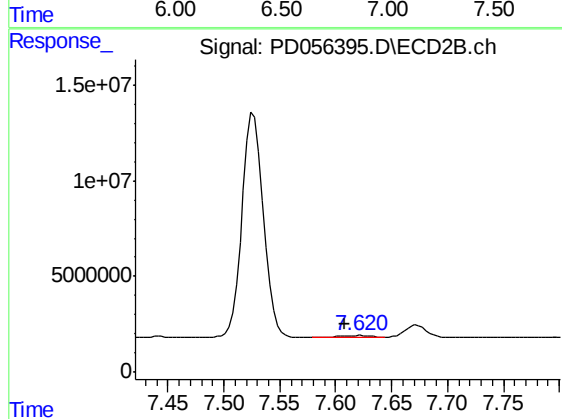
#25 Toxaphene-4

R.T.: 7.071 min  
Delta R.T.: -0.039 min  
Response: 117352435  
Conc: 2125.36 ng/ml



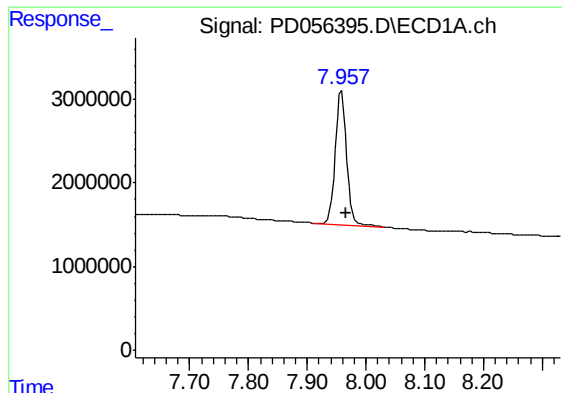
#26 Toxaphene-5

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



#26 Toxaphene-5

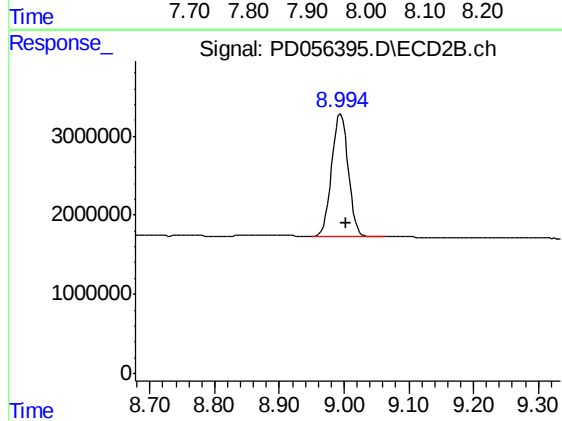
R.T.: 7.621 min  
Delta R.T.: 0.014 min  
Response: 1386160  
Conc: 54.23 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.958 min  
Delta R.T.: -0.007 min  
Response: 21488313  
Conc: 23.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM45



#27 Decachlorobiphenyl

R.T.: 8.995 min  
Delta R.T.: -0.008 min  
Response: 27239469  
Conc: 22.64 ng/ml