

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111519\  
 Data File : PD056045.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2019 19:30  
 Operator : SG\AJ  
 Sample : PEM25  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM25

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 02:21:50 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  | 3.962 | 15956428 | 20791792 | 21.197   | 19.840     |
| 27)                         | SA Decachlor... | 7.963  | 8.997 | 17755089 | 20661123 | 21.782   | 18.195     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.716  | 4.349 | 11132959 | 14112056 | 10.573   | 9.903      |
| 3)                          | MA gamma-BHC... | 3.991  | 4.631 | 10857545 | 13804111 | 10.615   | 9.798      |
| 4)                          | MA Heptachlor   | 4.241f | 0.000 | 5056537  | 0        | 5.341    | N.D. #     |
| 6)                          | B beta-BHC      | 4.241  | 4.800 | 5056537  | 7123565  | 11.180   | 10.182     |
| 8)                          | B Heptachlo...  | 0.000  | 5.819 | 0        | 10859477 | N.D.     | 8.047      |
| 14)                         | MA Endrin       | 5.776  | 6.653 | 41824865 | 56177282 | 52.136   | 48.795     |
| 16)                         | A 4,4'-DDD      | 5.910  | 6.774 | 3525238  | 5537910  | 4.991    | 4.959      |
| 17)                         | MA 4,4'-DDT     | 6.145  | 7.072 | 69812445 | 101.3E6  | 107.731  | 93.147     |
| 20)                         | A Methoxychlor  | 6.694  | 7.529 | 90896766 | 136.8E6  | 243.004  | 219.460    |
| 21)                         | B Endrin ke...  | 0.000  | 7.675 | 0        | 3380522  | N.D.     | 2.563      |
| 23)                         | Toxaphene-2     | 0.000  | 6.653 | 0        | 56177282 | N.D.     | 4680.394   |
| 24)                         | Toxaphene-3     | 5.910  | 7.072 | 3525238  | 101.3E6  | 452.863  | 5465.372 # |
| 25)                         | Toxaphene-4     | 6.145  | 7.072 | 69812445 | 101.3E6  | 3061.103 | 1965.982 # |
| -----                       |                 |        |       |          |          |          |            |

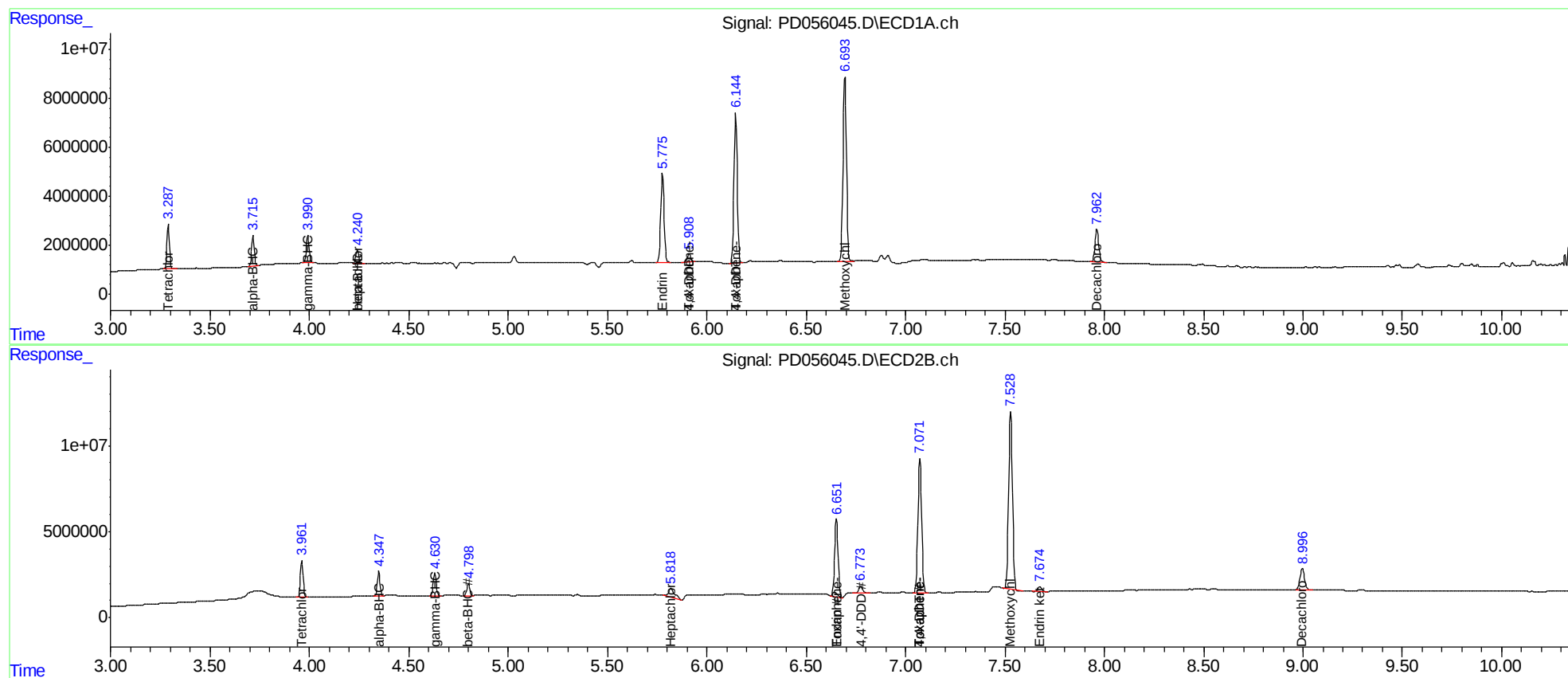
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

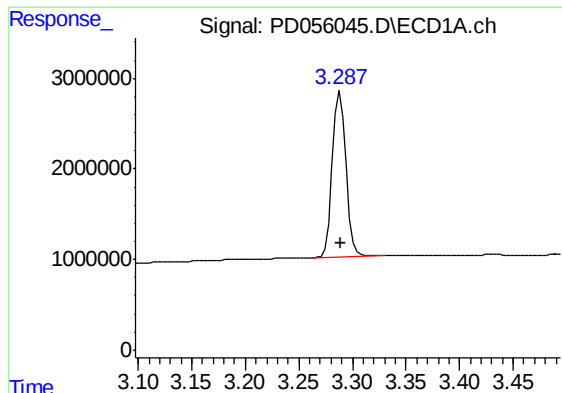
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111519\  
Data File : PD056045.D  
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Acq On : 15 Nov 2019 19:30  
Operator : SG\AJ  
Sample : PEM25  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
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Integration File signal 1: autoint1.e  
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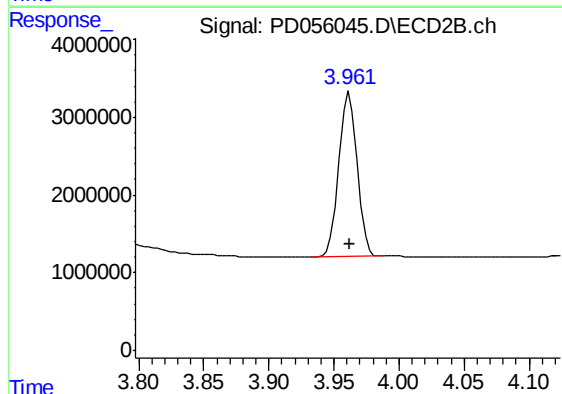




#1 Tetrachloro-m-xylene

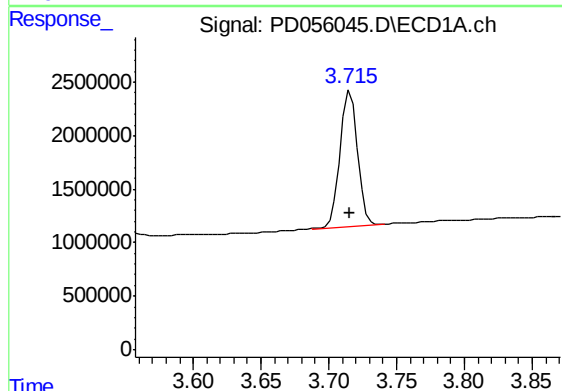
R.T.: 3.289 min  
Delta R.T.: 0.000 min  
Response: 15956428  
Conc: 21.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM25



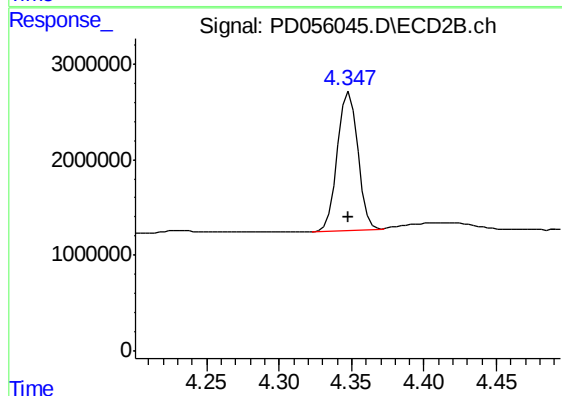
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 20791792  
Conc: 19.84 ng/ml



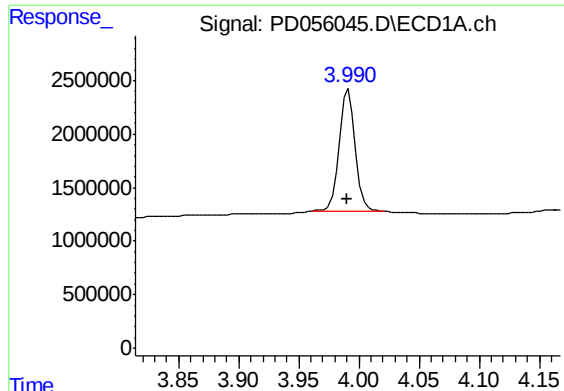
#2 alpha-BHC

R.T.: 3.716 min  
Delta R.T.: 0.000 min  
Response: 11132959  
Conc: 10.57 ng/ml



#2 alpha-BHC

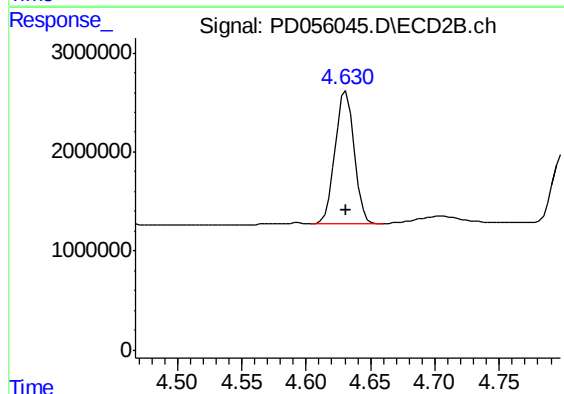
R.T.: 4.349 min  
Delta R.T.: 0.000 min  
Response: 14112056  
Conc: 9.90 ng/ml



#3 gamma-BHC (Lindane)

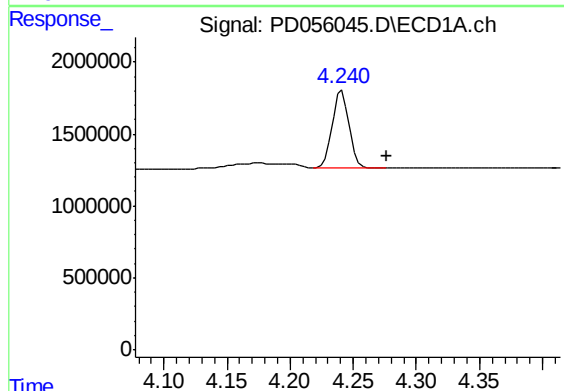
R.T.: 3.991 min  
Delta R.T.: 0.000 min  
Response: 10857545  
Conc: 10.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM25



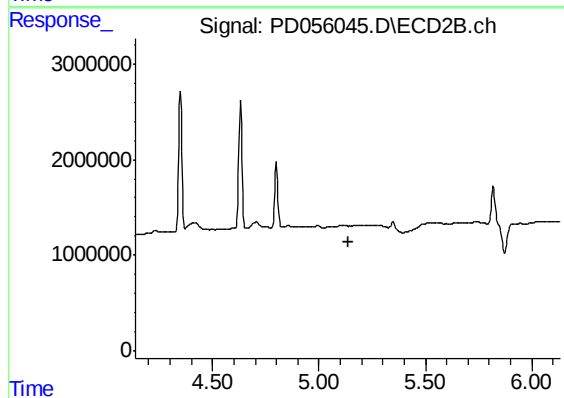
#3 gamma-BHC (Lindane)

R.T.: 4.631 min  
Delta R.T.: 0.000 min  
Response: 13804111  
Conc: 9.80 ng/ml



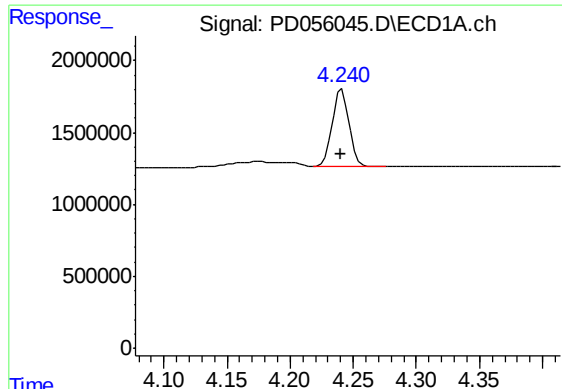
#4 Heptachlor

R.T.: 4.241 min  
Delta R.T.: -0.035 min  
Response: 5056537  
Conc: 5.34 ng/ml



#4 Heptachlor

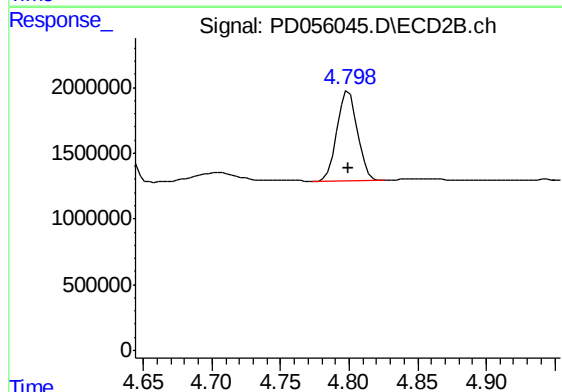
R.T.: 0.000 min  
Exp R.T. : 5.137 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

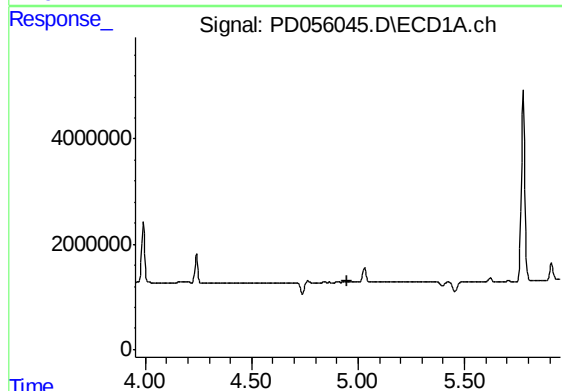
R.T.: 4.241 min  
Delta R.T.: 0.000 min  
Response: 5056537  
Conc: 11.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM25



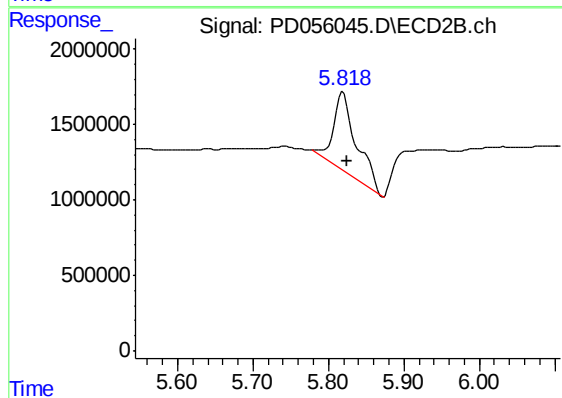
#6 beta-BHC

R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 7123565  
Conc: 10.18 ng/ml



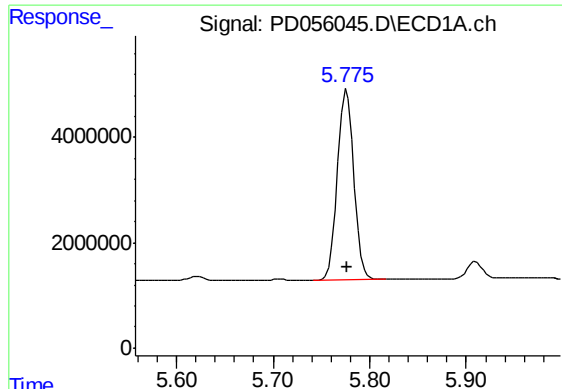
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.952 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

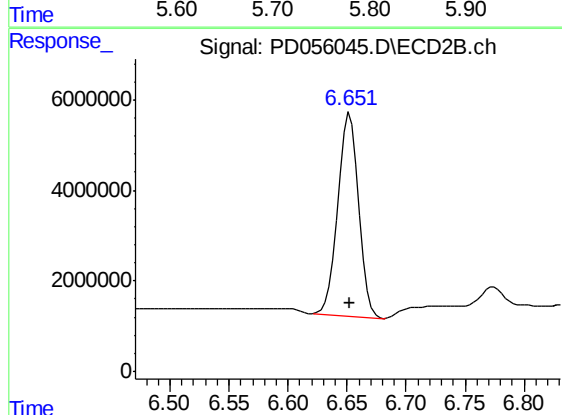
R.T.: 5.819 min  
Delta R.T.: -0.005 min  
Response: 10859477  
Conc: 8.05 ng/ml



#14 Endrin

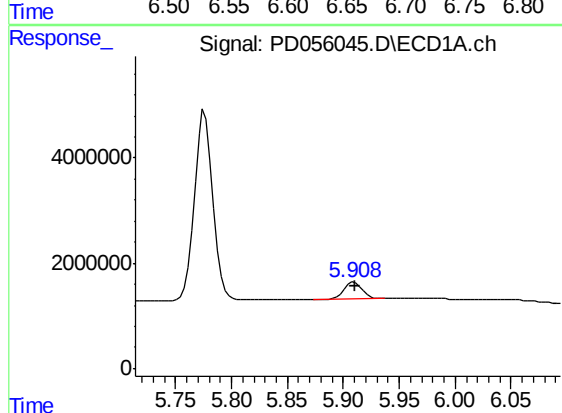
R.T.: 5.776 min  
Delta R.T.: 0.000 min  
Response: 41824865  
Conc: 52.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM25



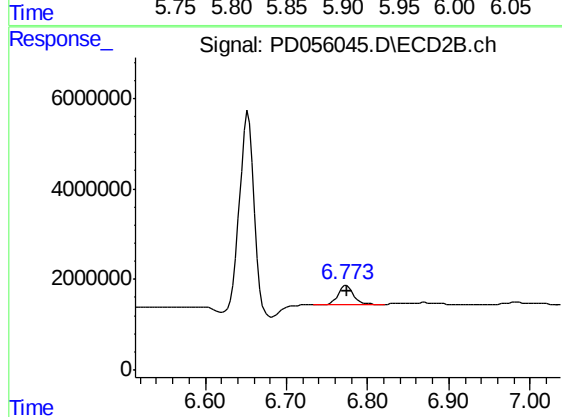
#14 Endrin

R.T.: 6.653 min  
Delta R.T.: 0.000 min  
Response: 56177282  
Conc: 48.80 ng/ml



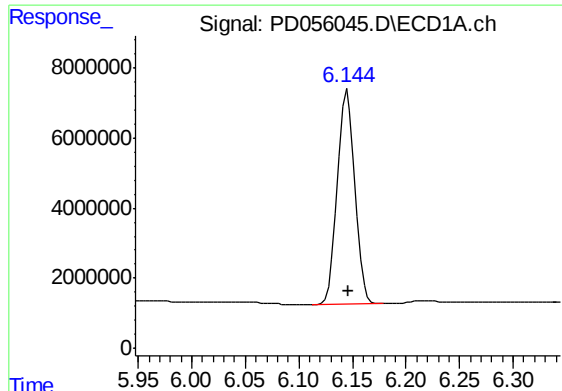
#16 4,4'-DDD

R.T.: 5.910 min  
Delta R.T.: 0.000 min  
Response: 3525238  
Conc: 4.99 ng/ml



#16 4,4'-DDD

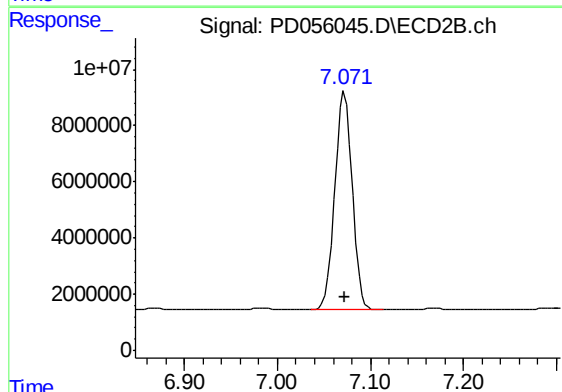
R.T.: 6.774 min  
Delta R.T.: 0.000 min  
Response: 5537910  
Conc: 4.96 ng/ml



#17 4,4'-DDT

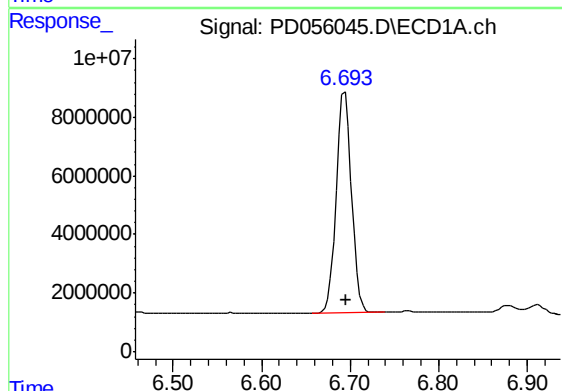
R.T.: 6.145 min  
Delta R.T.: 0.000 min  
Response: 69812445  
Conc: 107.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM25



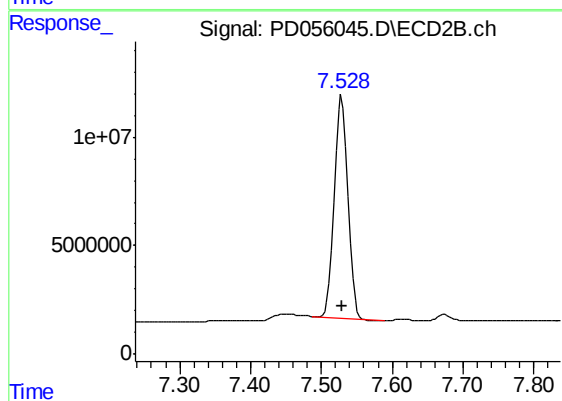
#17 4,4'-DDT

R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 101286072  
Conc: 93.15 ng/ml



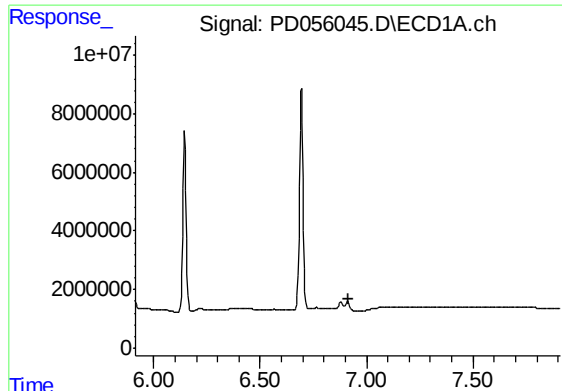
#20 Methoxychlor

R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 90896766  
Conc: 243.00 ng/ml



#20 Methoxychlor

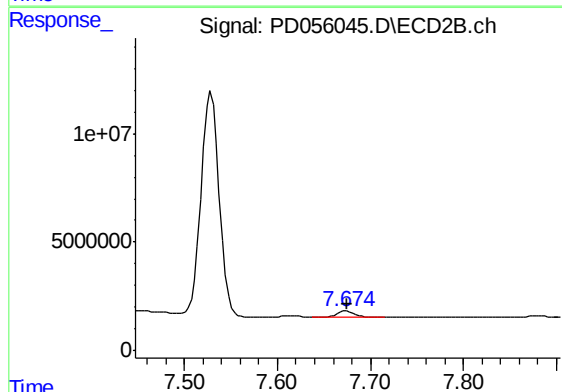
R.T.: 7.529 min  
Delta R.T.: 0.000 min  
Response: 136787664  
Conc: 219.46 ng/ml



#21 Endrin ketone

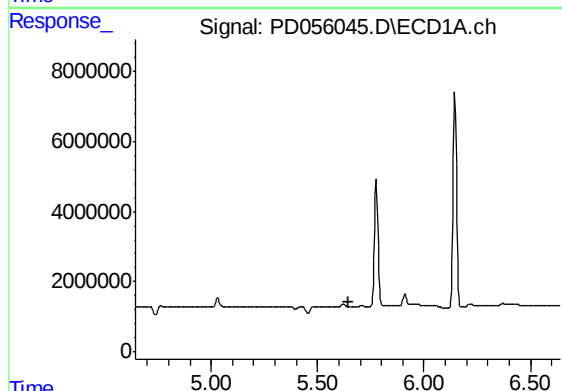
R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM25



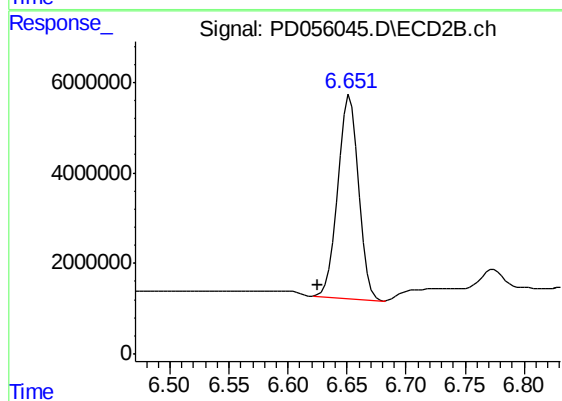
#21 Endrin ketone

R.T.: 7.675 min  
Delta R.T.: 0.000 min  
Response: 3380522  
Conc: 2.56 ng/ml



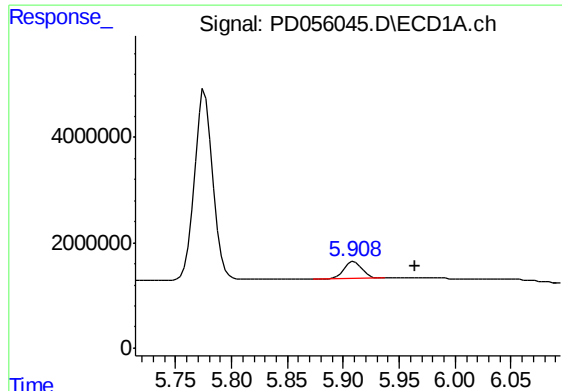
#23 Toxaphene-2

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



#23 Toxaphene-2

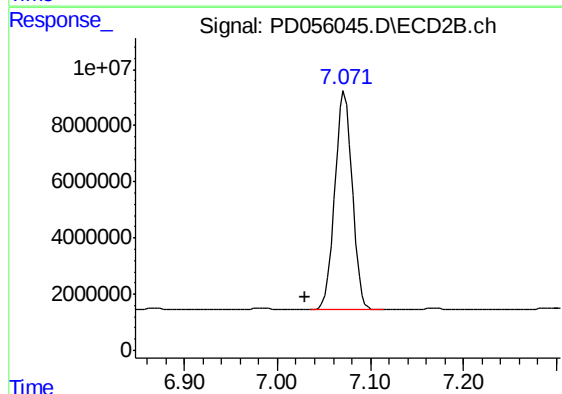
R.T.: 6.653 min  
Delta R.T.: 0.028 min  
Response: 56177282  
Conc: 4680.39 ng/ml



#24 Toxaphene-3

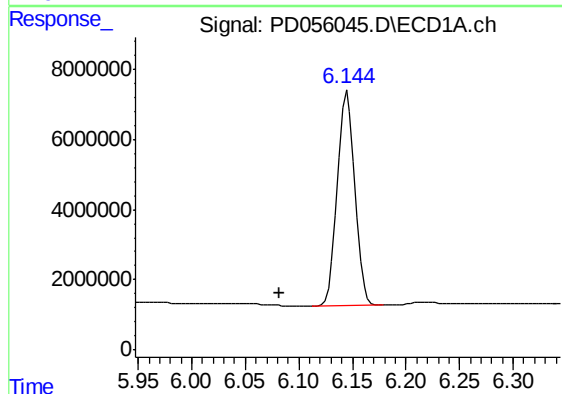
R.T.: 5.910 min  
Delta R.T.: -0.054 min  
Response: 3525238  
Conc: 452.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM25



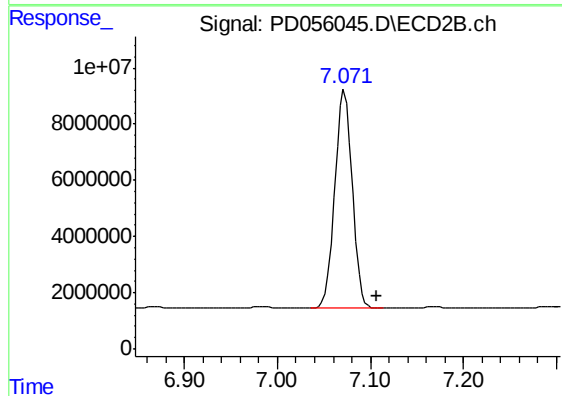
#24 Toxaphene-3

R.T.: 7.072 min  
Delta R.T.: 0.042 min  
Response: 101286072  
Conc: 5465.37 ng/ml



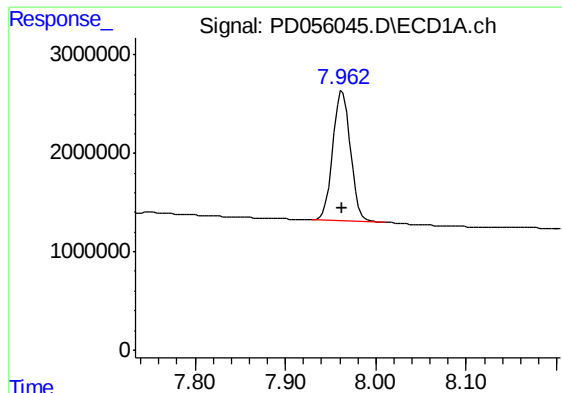
#25 Toxaphene-4

R.T.: 6.145 min  
Delta R.T.: 0.063 min  
Response: 69812445  
Conc: 3061.10 ng/ml



#25 Toxaphene-4

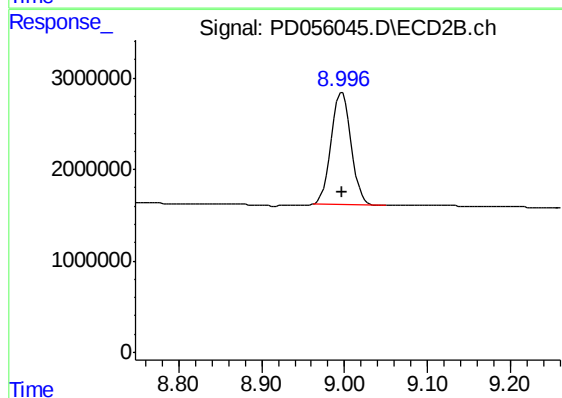
R.T.: 7.072 min  
Delta R.T.: -0.034 min  
Response: 101286072  
Conc: 1965.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.963 min  
Delta R.T.: 0.000 min  
Response: 17755089  
Conc: 21.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM25



#27 Decachlorobiphenyl

R.T.: 8.997 min  
Delta R.T.: 0.000 min  
Response: 20661123  
Conc: 18.19 ng/ml