

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032419\  
 Data File : PD052081.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 24 Mar 2019 16:19  
 Operator : AJ\SJ  
 Sample : PEM11  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM11

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 08:29:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032419CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 25 08:23:12 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

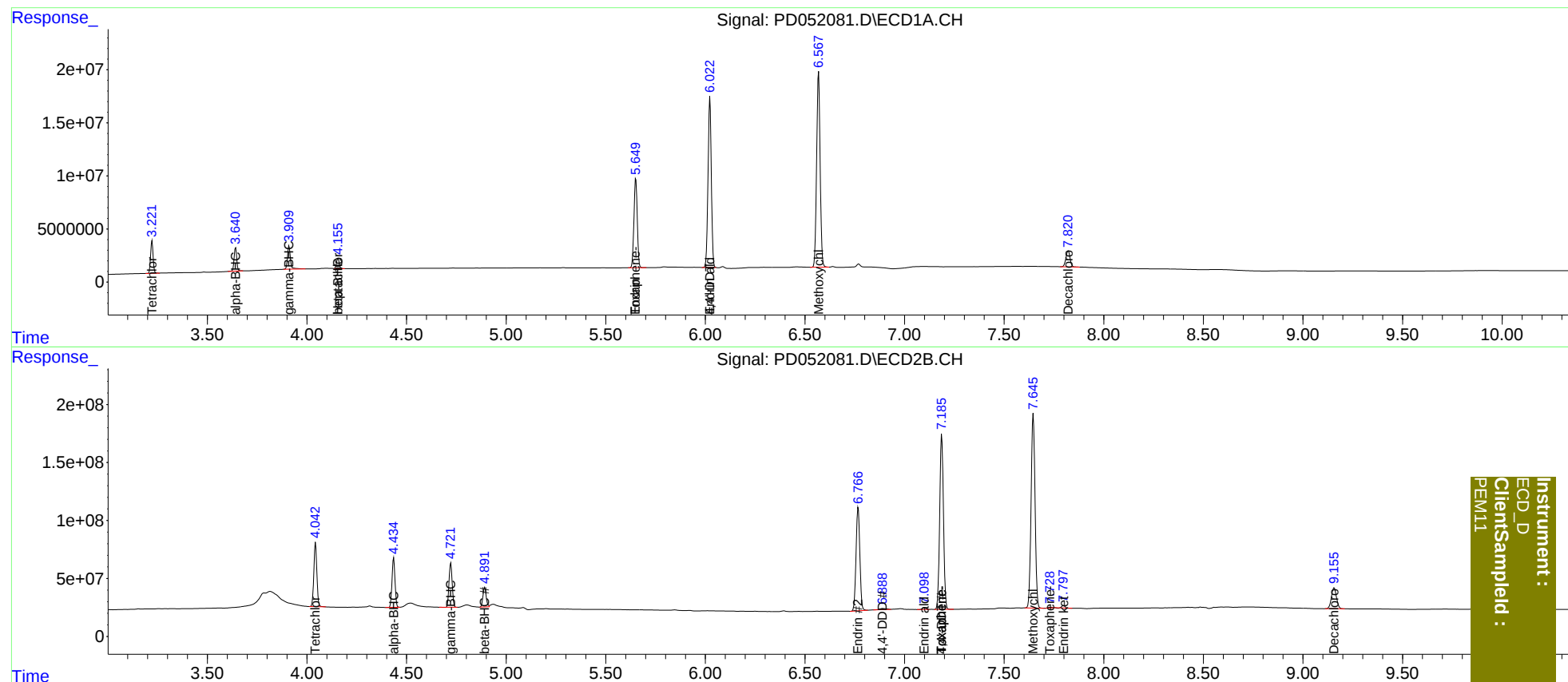
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|-----------|
| -----                       |                 |        |       |          |          |          |           |
| System Monitoring Compounds |                 |        |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.222  | 4.043 | 27127591 | 585.2E6  | 19.294   | 19.697    |
| 27)                         | SA Decachlor... | 7.822  | 9.156 | 21762809 | 321.3E6  | 20.683   | 21.800    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.642  | 4.436 | 20397537 | 446.8E6  | 9.042    | 10.036    |
| 3)                          | MA gamma-BHC... | 3.910  | 4.722 | 22011214 | 414.3E6  | 9.582    | 10.291    |
| 4)                          | MA Heptachlor   | 4.156f | 0.000 | 8931097  | 0        | 4.052    | N.D. #    |
| 6)                          | B beta-BHC      | 4.156  | 4.893 | 8931097  | 191.4E6  | 9.438    | 10.393    |
| 14)                         | MA Endrin       | 5.651  | 6.767 | 96580596 | 1180.5E6 | 50.436   | 52.560    |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.891 | 0        | 21885635 | N.D.     | 0.978     |
| 17)                         | MA 4,4'-DDT     | 6.023  | 7.187 | 184.4E6  | 1983.5E6 | 106.892  | 106.634   |
| 18)                         | B Endrin al...  | 6.023f | 7.100 | 184.4E6  | 20761921 | 119.338  | 1.094 #   |
| 20)                         | A Methoxychlor  | 6.569  | 7.646 | 226.4E6  | 2320.2E6 | 241.493  | 253.727   |
| 21)                         | B Endrin ke...  | 0.000  | 7.798 | 0        | 21364363 | N.D.     | 1.123     |
| 23)                         | Toxaphene-2     | 5.651  | 0.000 | 96580596 | 0        | 4339.289 | N.D. #    |
| 24)                         | Toxaphene-3     | 0.000  | 7.187 | 0        | 1983.5E6 | N.D.     | 10284.421 |
| 25)                         | Toxaphene-4     | 0.000  | 7.187 | 0        | 1983.5E6 | N.D.     | 3753.098  |
| 26)                         | Toxaphene-5     | 0.000  | 7.730 | 0        | 8618980  | N.D.     | 38.194    |
| -----                       |                 |        |       |          |          |          |           |

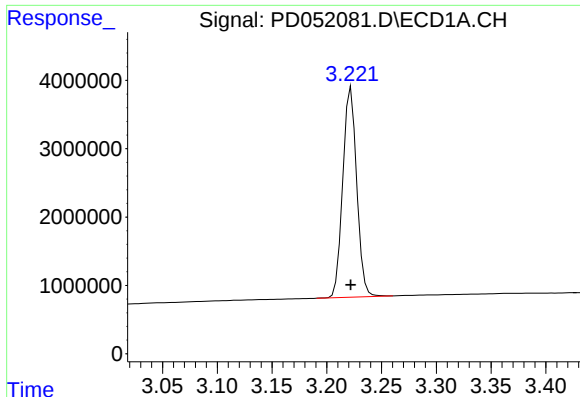
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Operator : AJ\SJ  
Sample : PEM11  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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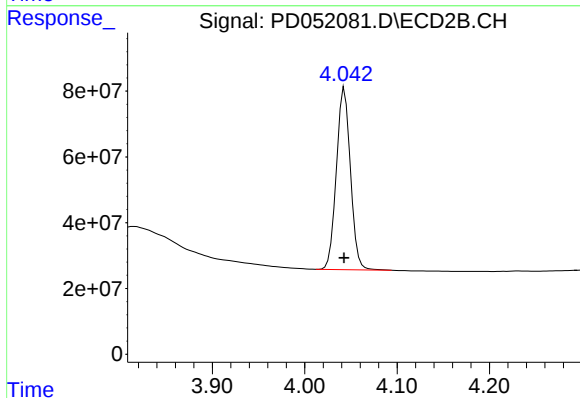




#1 Tetrachloro-m-xylene

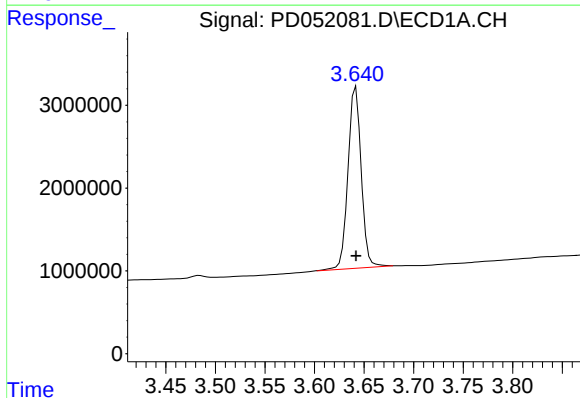
R.T.: 3.222 min  
Delta R.T.: 0.000 min  
Response: 27127591  
Conc: 19.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM11



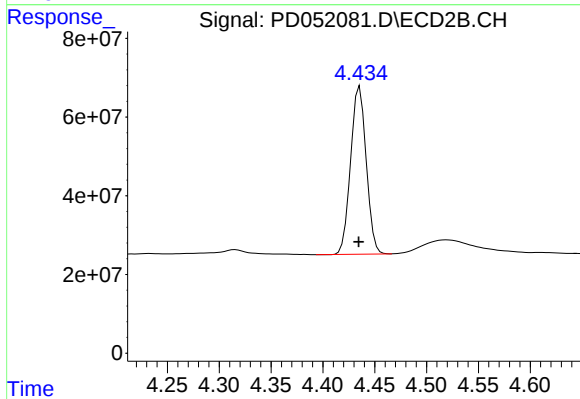
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 585214642  
Conc: 19.70 ng/ml



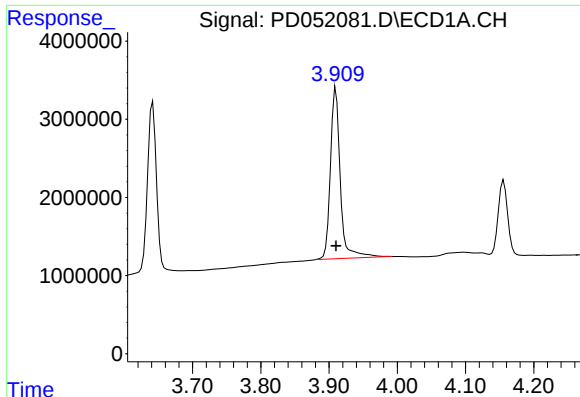
#2 alpha-BHC

R.T.: 3.642 min  
Delta R.T.: 0.000 min  
Response: 20397537  
Conc: 9.04 ng/ml



#2 alpha-BHC

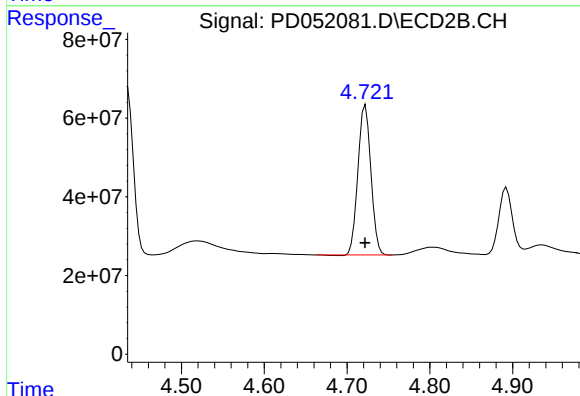
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 446840827  
Conc: 10.04 ng/ml



#3 gamma-BHC (Lindane)

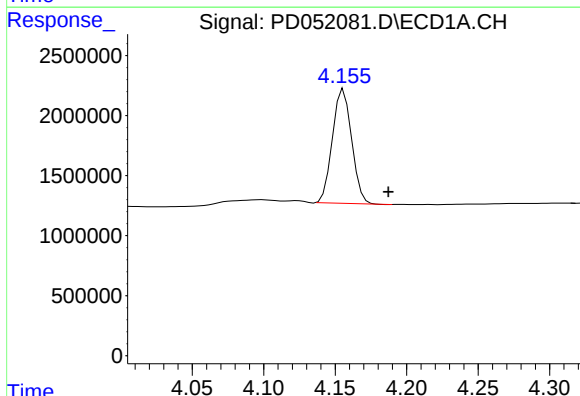
R.T.: 3.910 min  
Delta R.T.: 0.000 min  
Response: 22011214  
Conc: 9.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM11



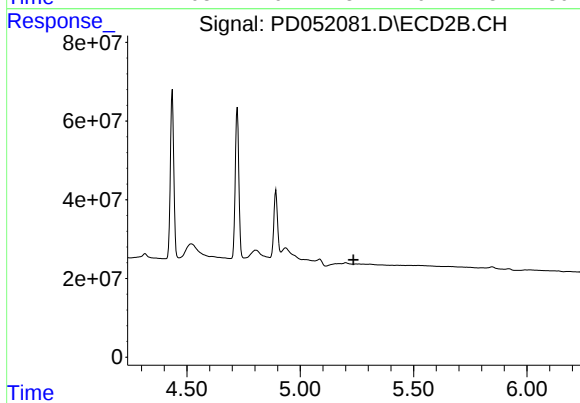
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 414308361  
Conc: 10.29 ng/ml



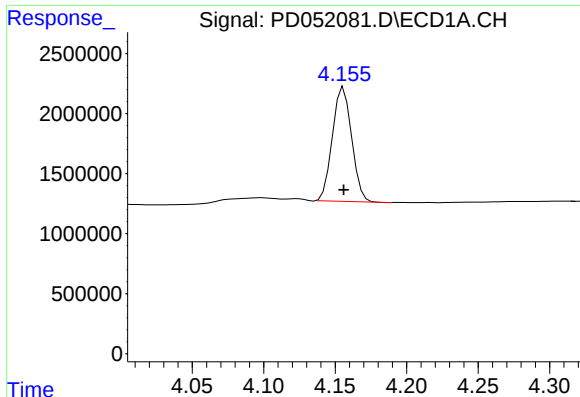
#4 Heptachlor

R.T.: 4.156 min  
Delta R.T.: -0.031 min  
Response: 8931097  
Conc: 4.05 ng/ml



#4 Heptachlor

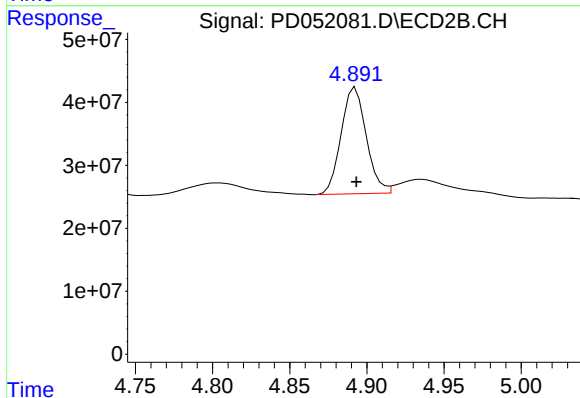
R.T.: 0.000 min  
Exp R.T.: 5.235 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

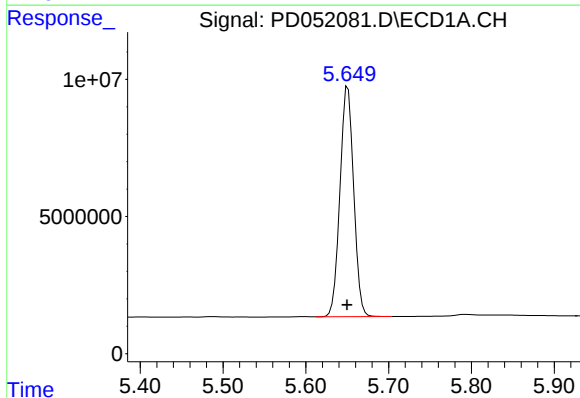
R.T.: 4.156 min  
Delta R.T.: 0.000 min  
Response: 8931097  
Conc: 9.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM11



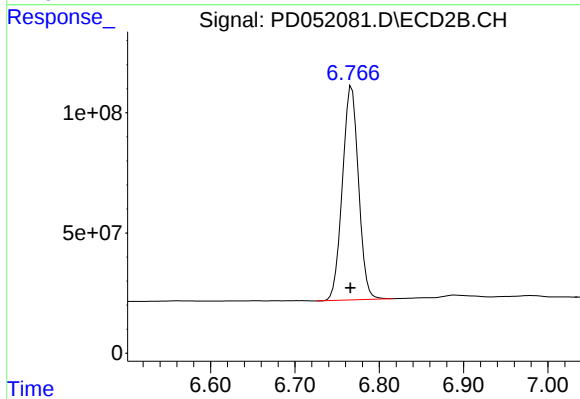
#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 191434872  
Conc: 10.39 ng/ml



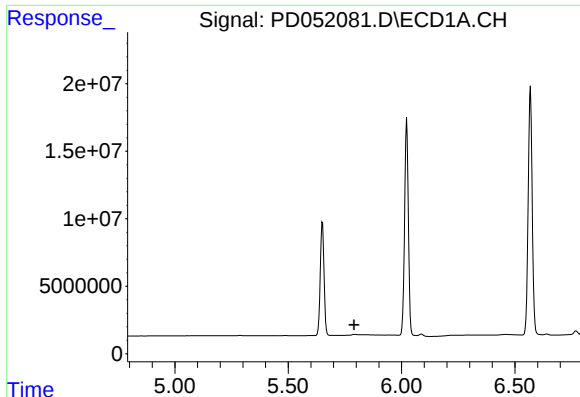
#14 Endrin

R.T.: 5.651 min  
Delta R.T.: 0.000 min  
Response: 96580596  
Conc: 50.44 ng/ml



#14 Endrin

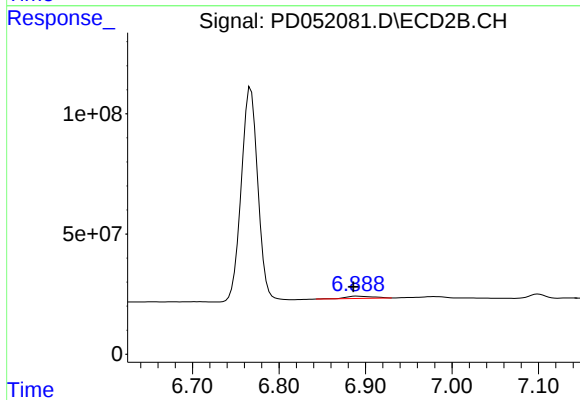
R.T.: 6.767 min  
Delta R.T.: 0.001 min  
Response: 1180452363  
Conc: 52.56 ng/ml



#16 4,4'-DDD

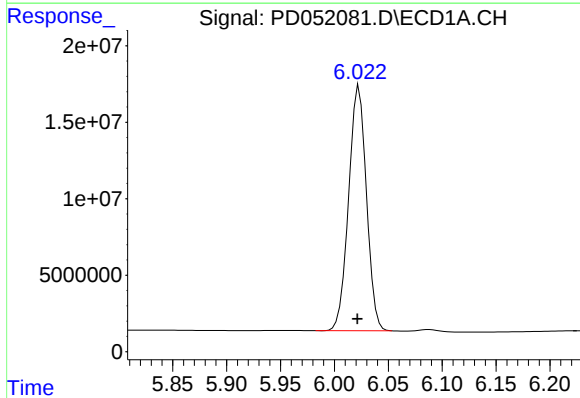
R.T.: 0.000 min  
Exp R.T.: 5.790 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM11



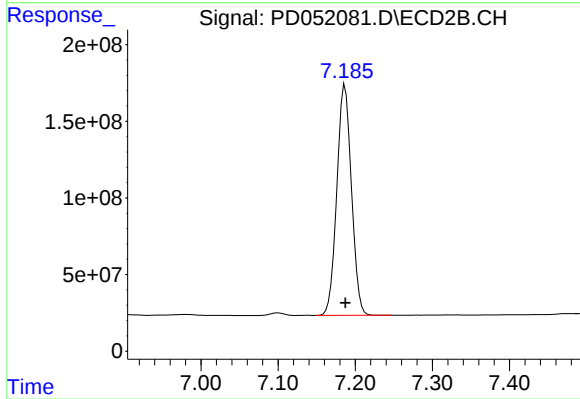
#16 4,4'-DDD

R.T.: 6.891 min  
Delta R.T.: 0.004 min  
Response: 21885635  
Conc: 0.98 ng/ml



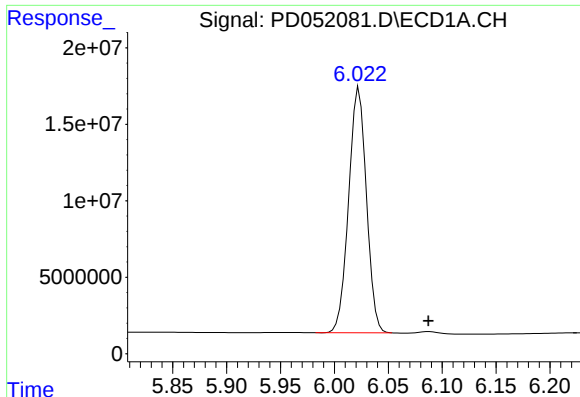
#17 4,4'-DDT

R.T.: 6.023 min  
Delta R.T.: 0.002 min  
Response: 184403990  
Conc: 106.89 ng/ml



#17 4,4'-DDT

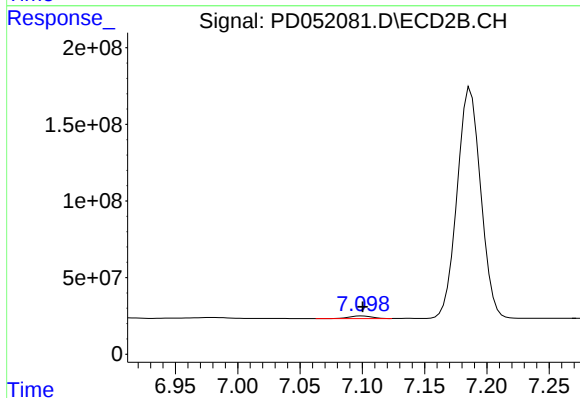
R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 1983462885  
Conc: 106.63 ng/ml



#18 Endrin aldehyde

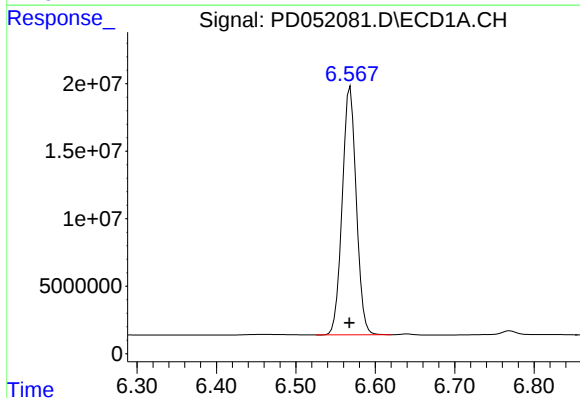
R.T.: 6.023 min  
Delta R.T.: -0.064 min  
Response: 184403990  
Conc: 119.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM11



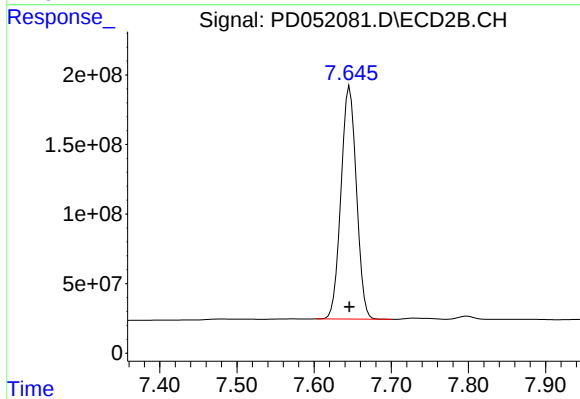
#18 Endrin aldehyde

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 20761921  
Conc: 1.09 ng/ml



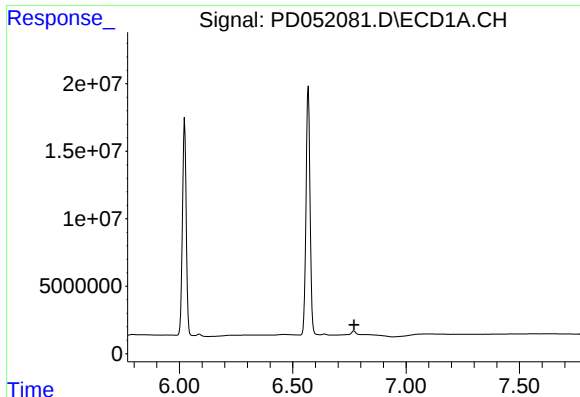
#20 Methoxychlor

R.T.: 6.569 min  
Delta R.T.: 0.001 min  
Response: 226429800  
Conc: 241.49 ng/ml



#20 Methoxychlor

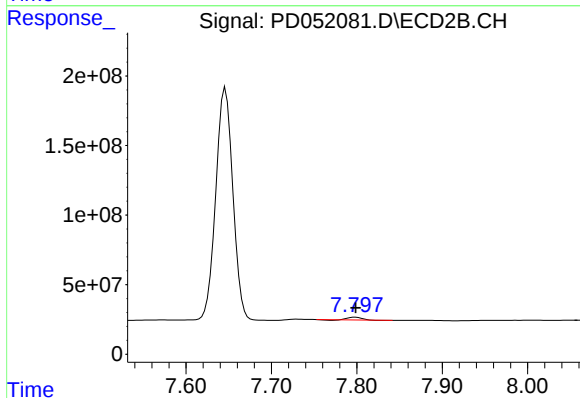
R.T.: 7.646 min  
Delta R.T.: 0.000 min  
Response: 2320231376  
Conc: 253.73 ng/ml



#21 Endrin ketone

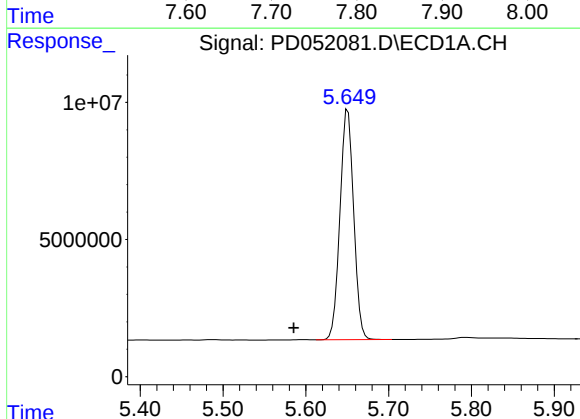
R.T.: 0.000 min  
Exp R.T.: 6.770 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM11



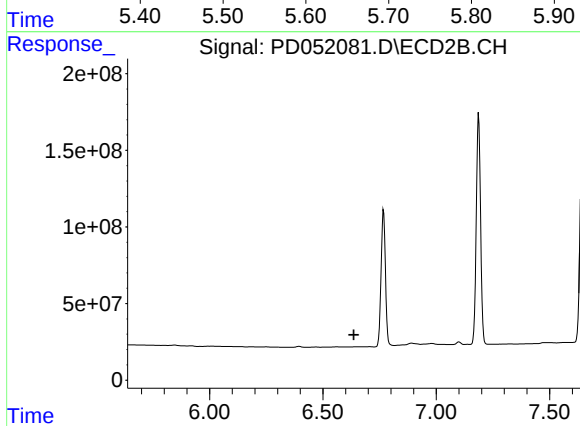
#21 Endrin ketone

R.T.: 7.798 min  
Delta R.T.: 0.000 min  
Response: 21364363  
Conc: 1.12 ng/ml



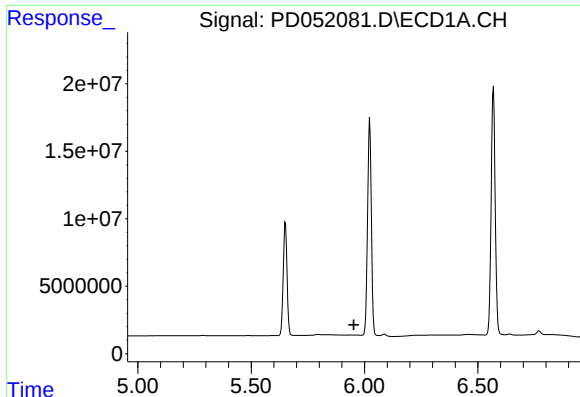
#23 Toxaphene-2

R.T.: 5.651 min  
Delta R.T.: 0.065 min  
Response: 96580596  
Conc: 4339.29 ng/ml



#23 Toxaphene-2

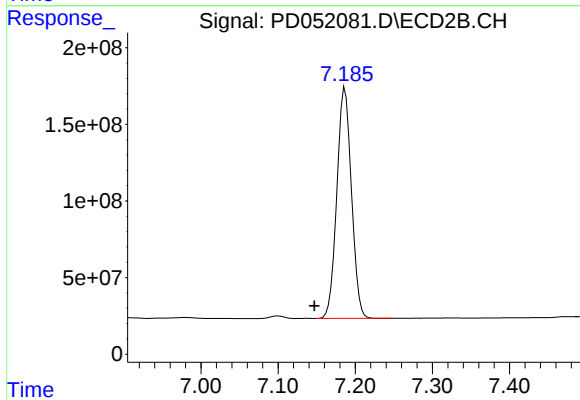
R.T.: 0.000 min  
Exp R.T.: 6.637 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

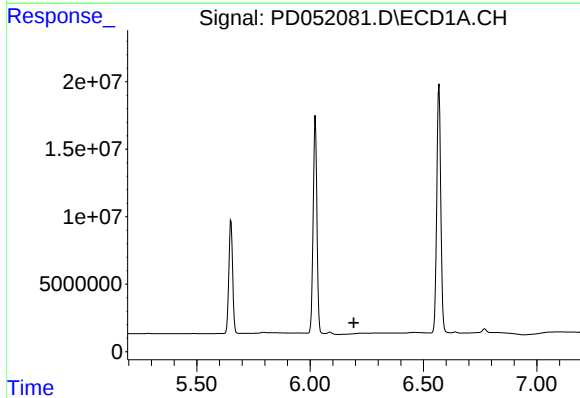
R.T.: 0.000 min  
Exp R.T.: 5.953 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM11



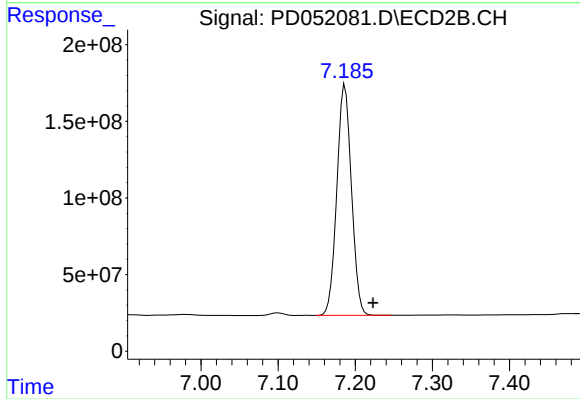
#24 Toxaphene-3

R.T.: 7.187 min  
Delta R.T.: 0.040 min  
Response: 1983462885  
Conc: 10284.42 ng/ml



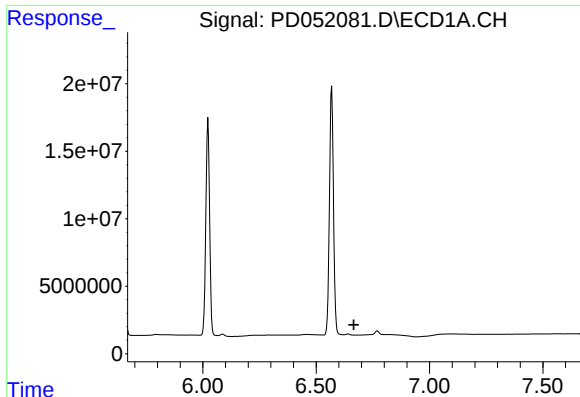
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T.: 6.192 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

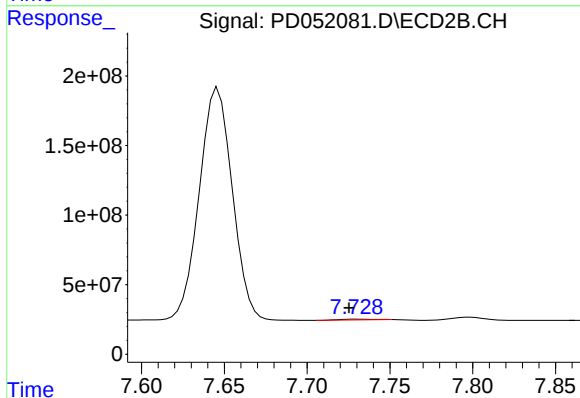
R.T.: 7.187 min  
Delta R.T.: -0.036 min  
Response: 1983462885  
Conc: 3753.10 ng/ml



#26 Toxaphene-5

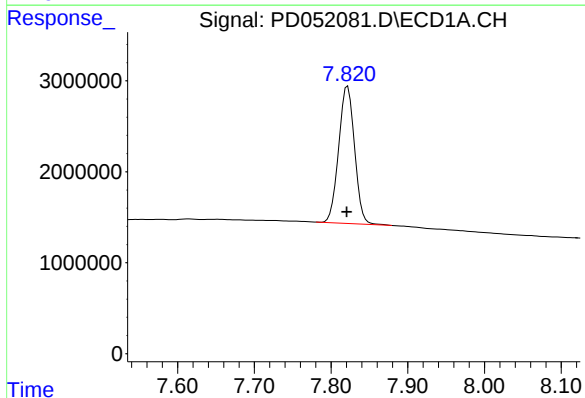
R.T.: 0.000 min  
Exp R.T.: 6.666 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM11



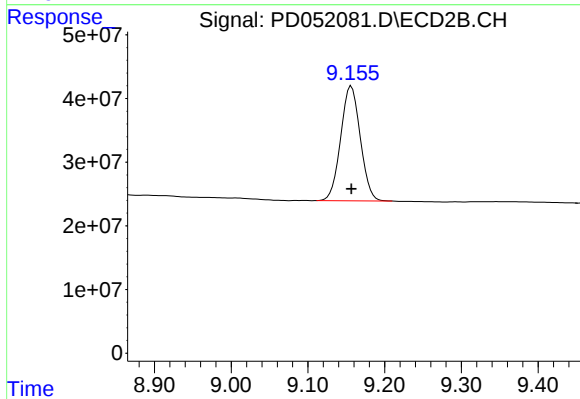
#26 Toxaphene-5

R.T.: 7.730 min  
Delta R.T.: 0.005 min  
Response: 8618980  
Conc: 38.19 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.822 min  
Delta R.T.: 0.001 min  
Response: 21762809  
Conc: 20.68 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.156 min  
Delta R.T.: 0.000 min  
Response: 321283586  
Conc: 21.80 ng/ml