

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011819\  
 Data File : PD051094.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Jan 2019 12:05  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 18 22:04:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 10 03:41:46 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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... | 3.226  | 4.045  | 32736405 | 682.2E6  | 21.917  | 22.925   |
| 28)                         | SA Decachlor... | 7.829  | 9.157  | 26762870 | 406.1E6  | 22.050  | 20.352   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.646  | 4.437  | 23391317 | 524.2E6  | 9.718   | 11.504   |
| 3)                          | MA gamma-BHC... | 3.914  | 4.724  | 23750946 | 486.6E6  | 10.071  | 11.706   |
| 4)                          | MA Heptachlor   | 4.159f | 5.201f | 10292534 | 4070744  | 4.297   | 0.100 #  |
| 6)                          | B beta-BHC      | 4.159  | 4.893  | 10292534 | 217.1E6  | 10.869  | 11.995   |
| 8)                          | B Heptachlo...  | 0.000  | 5.924  | 0        | 41484928 | N.D.    | 1.190 #  |
| 12)                         | B 4,4'-DDE      | 5.295  | 6.395  | 440768   | 8027515  | 0.204   | 0.243    |
| 13)                         | MA Dieldrin     | 0.000  | 6.563  | 0        | 1667043  | N.D.    | 0.050 #  |
| 14)                         | MA Endrin       | 5.657  | 6.768  | 105.8E6  | 1213.0E6 | 48.323  | 43.070   |
| 15)                         | B Endosulfa...  | 0.000  | 6.982  | 0        | 6567484  | N.D.    | 0.240 #  |
| 16)                         | A 4,4'-DDD      | 5.797  | 6.889  | 2037116  | 34723700 | 1.154   | 1.323    |
| 17)                         | MA 4,4'-DDT     | 6.030  | 7.189  | 215.8E6  | 2282.0E6 | 114.716 | 95.607   |
| 18)                         | B Endrin al...  | 6.094  | 7.101  | 3990920  | 53565260 | 2.472   | 2.350    |
| 19)                         | B Endosulfa...  | 6.339  | 0.000  | 260021   | 0        | 0.133   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.576  | 7.647  | 257.7E6  | 2626.3E6 | 269.697 | 215.739  |
| 21)                         | B Endrin ke...  | 6.776  | 7.799  | 7051017  | 63964899 | 3.313   | 2.516    |
| 23)                         | Chlordane-1     | 4.079  | 5.047  | 135536   | 2809792  | 1.986   | 1.888    |
| 27)                         | Chlordane-5     | 0.000  | 7.101  | 0        | 53565260 | N.D.    | 51.947 # |
| -----                       |                 |        |        |          |          |         |          |

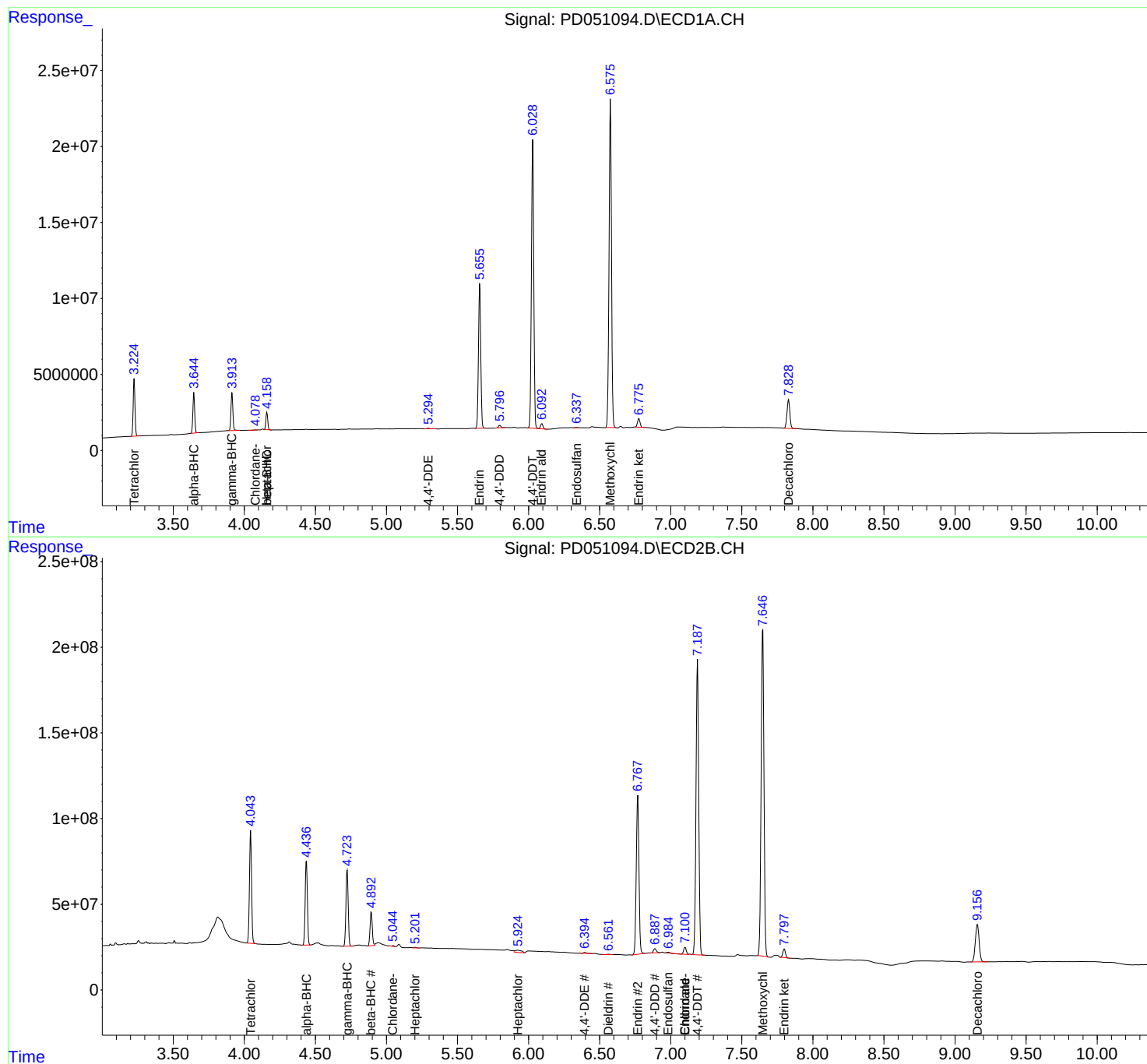
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

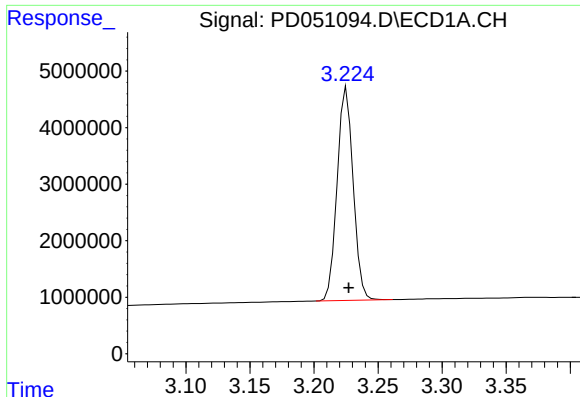
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011819\  
Data File : PD051094.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Jan 2019 12:05  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 18 22:04:26 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 10 03:41:46 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

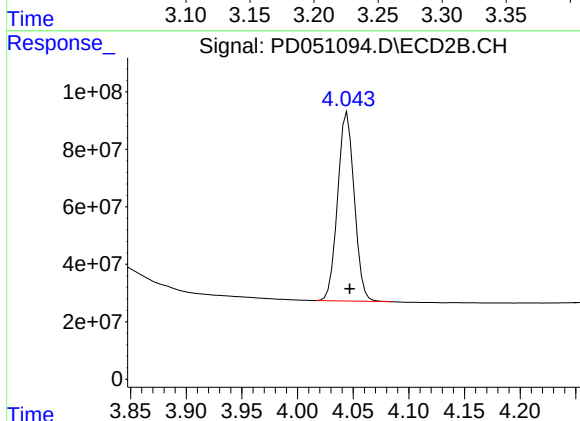




#1 Tetrachloro-m-xylene

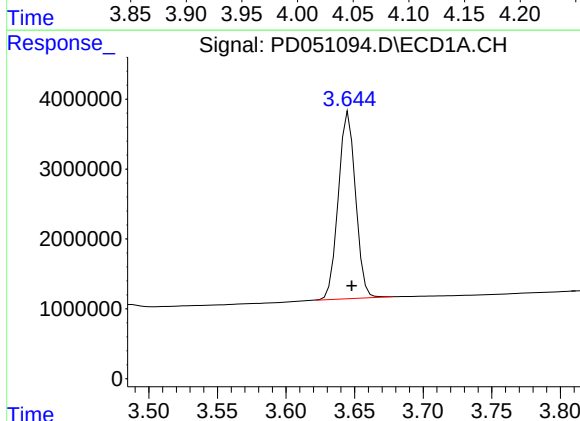
R.T.: 3.226 min  
Delta R.T.: -0.001 min  
Response: 32736405  
Conc: 21.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



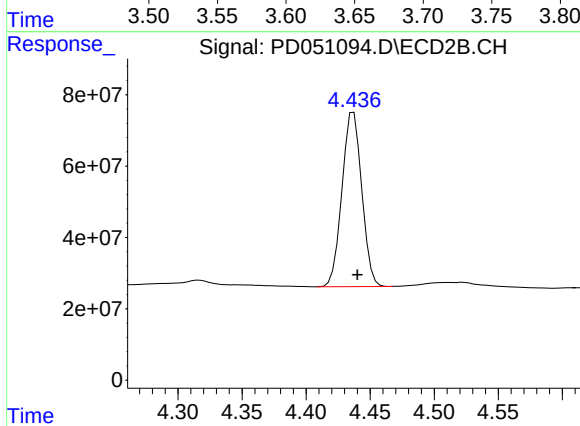
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.002 min  
Response: 682247007  
Conc: 22.92 ng/ml



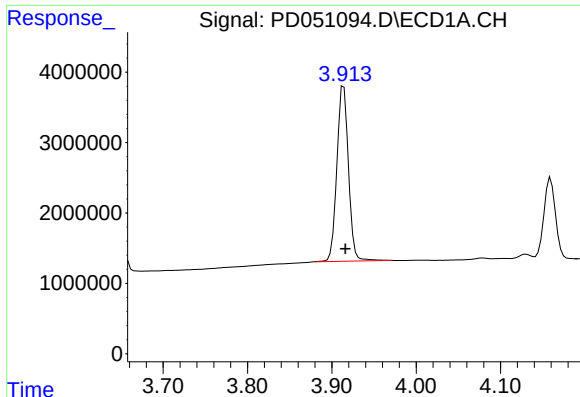
#2 alpha-BHC

R.T.: 3.646 min  
Delta R.T.: -0.002 min  
Response: 23391317  
Conc: 9.72 ng/ml



#2 alpha-BHC

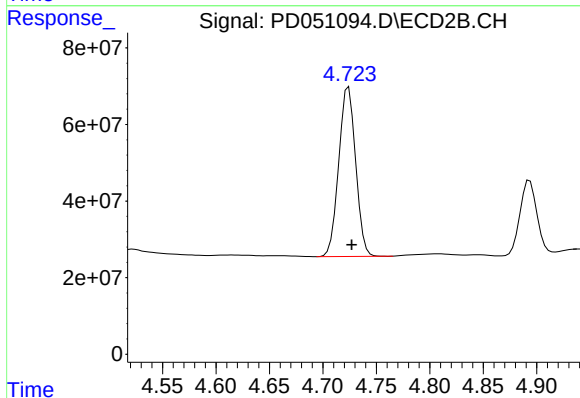
R.T.: 4.437 min  
Delta R.T.: -0.003 min  
Response: 524245473  
Conc: 11.50 ng/ml



#3 gamma-BHC (Lindane)

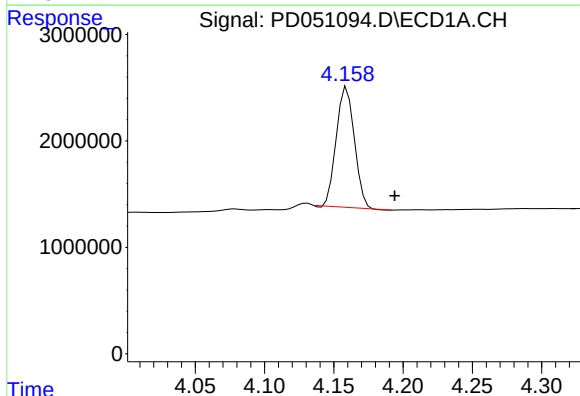
R.T.: 3.914 min  
Delta R.T.: -0.002 min  
Response: 23750946  
Conc: 10.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



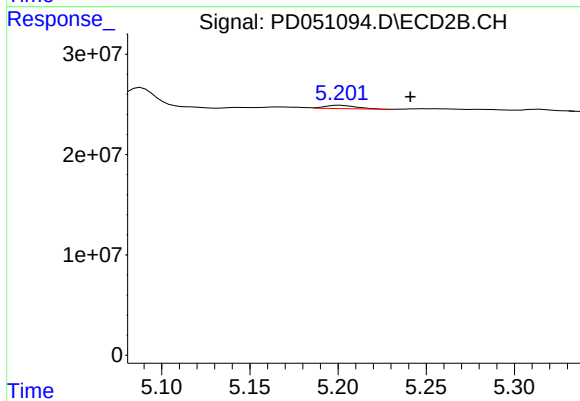
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: -0.003 min  
Response: 486561358  
Conc: 11.71 ng/ml



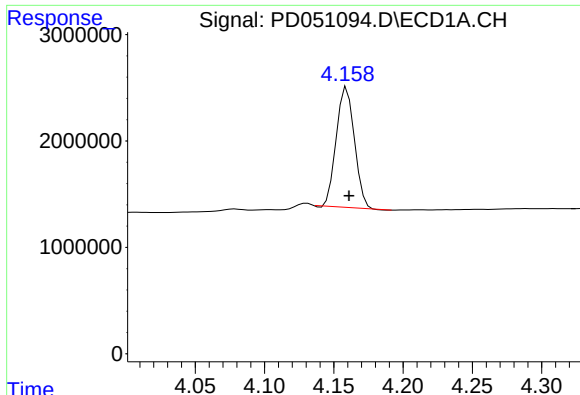
#4 Heptachlor

R.T.: 4.159 min  
Delta R.T.: -0.035 min  
Response: 10292534  
Conc: 4.30 ng/ml



#4 Heptachlor

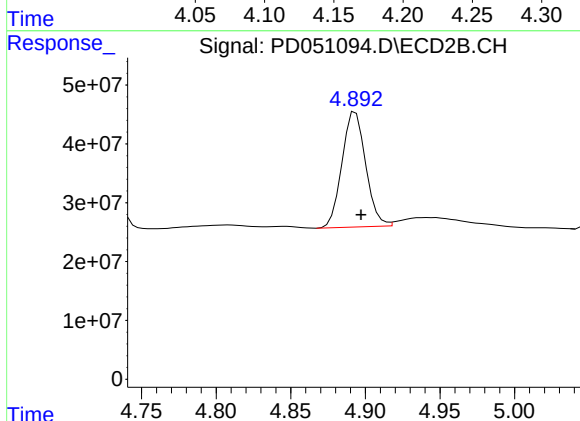
R.T.: 5.201 min  
Delta R.T.: -0.040 min  
Response: 4070744  
Conc: 0.10 ng/ml



#6 beta-BHC

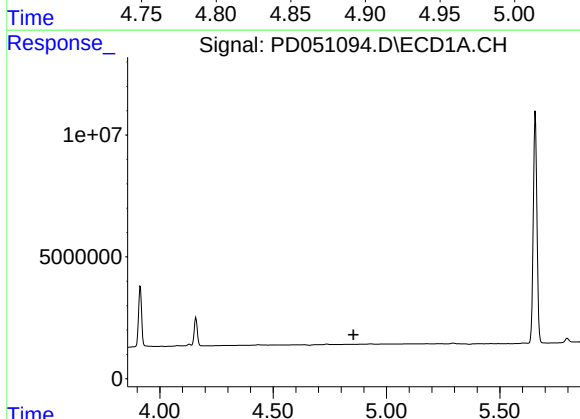
R.T.: 4.159 min  
Delta R.T.: -0.002 min  
Response: 10292534  
Conc: 10.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



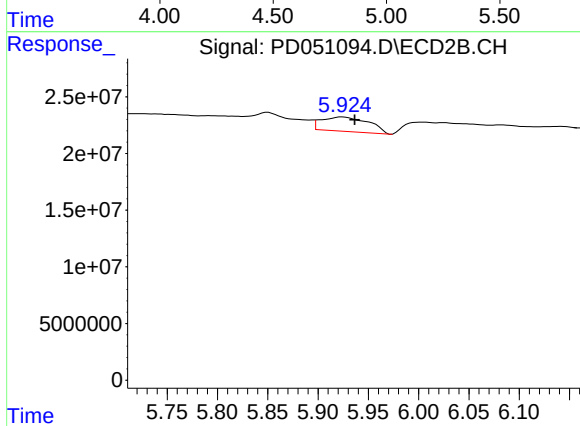
#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: -0.004 min  
Response: 217059741  
Conc: 12.00 ng/ml



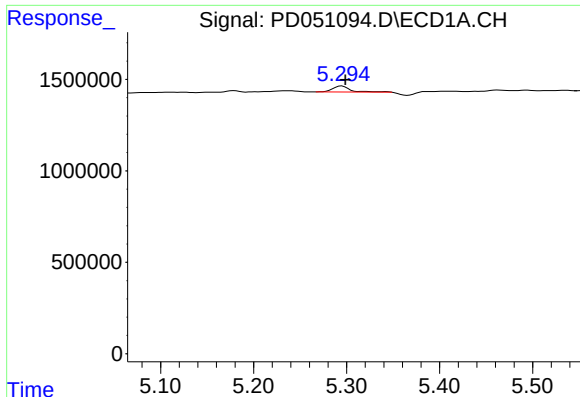
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.855 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

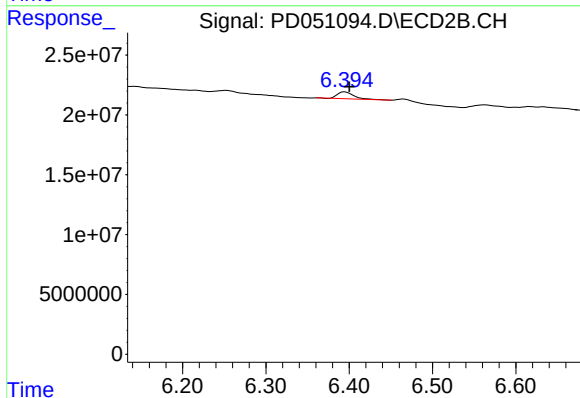
R.T.: 5.924 min  
Delta R.T.: -0.012 min  
Response: 41484928  
Conc: 1.19 ng/ml



#12 4,4'-DDE

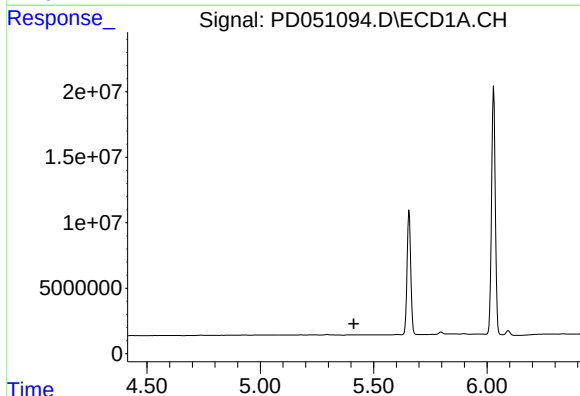
R.T.: 5.295 min  
Delta R.T.: -0.004 min  
Response: 440768  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



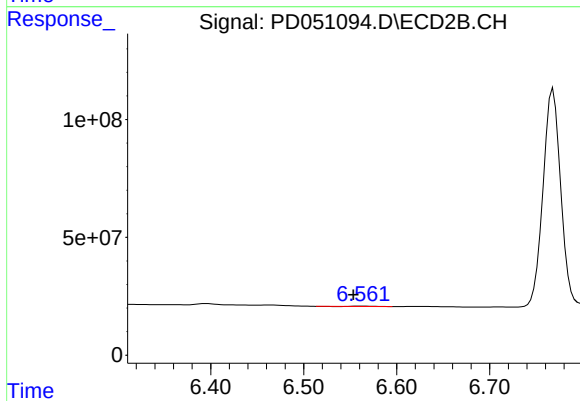
#12 4,4'-DDE

R.T.: 6.395 min  
Delta R.T.: -0.005 min  
Response: 8027515  
Conc: 0.24 ng/ml



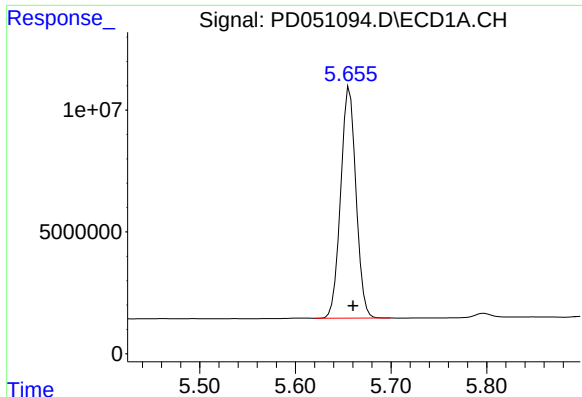
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.413 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

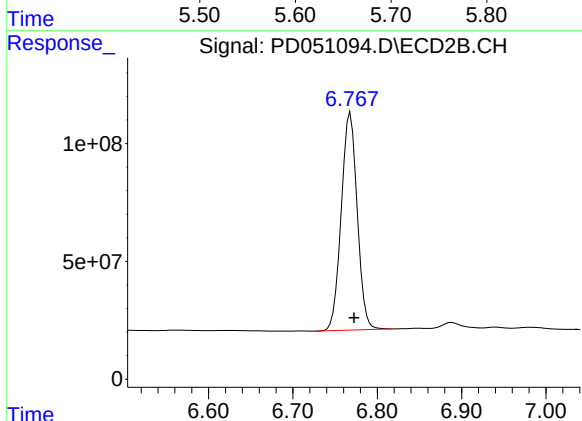
R.T.: 6.563 min  
Delta R.T.: 0.009 min  
Response: 1667043  
Conc: 0.05 ng/ml



#14 Endrin

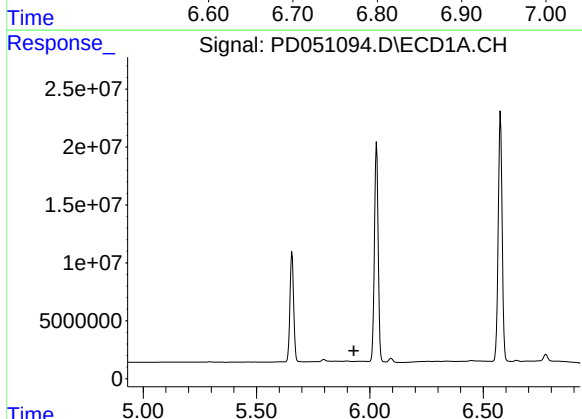
R.T.: 5.657 min  
Delta R.T.: -0.004 min  
Response: 105833425  
Conc: 48.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



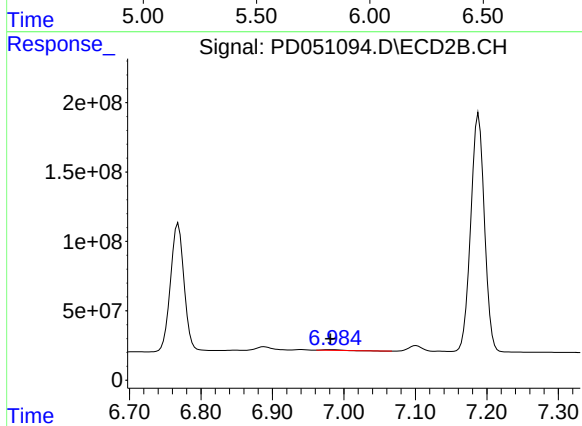
#14 Endrin

R.T.: 6.768 min  
Delta R.T.: -0.004 min  
Response: 1212988318  
Conc: 43.07 ng/ml



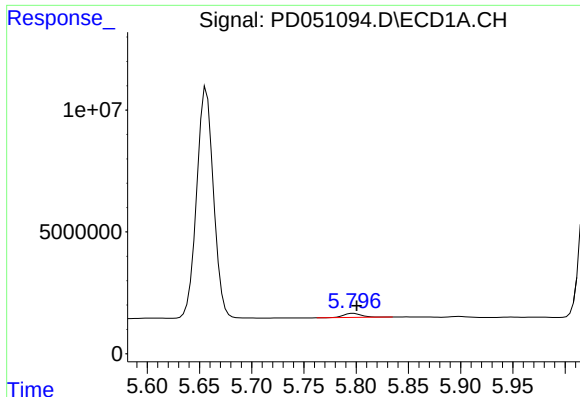
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 5.930 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

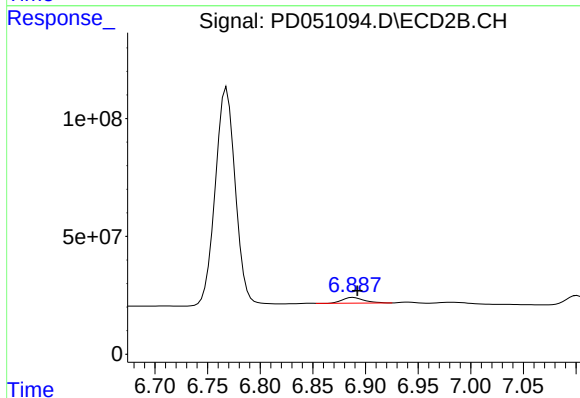
R.T.: 6.982 min  
Delta R.T.: 0.000 min  
Response: 6567484  
Conc: 0.24 ng/ml



#16 4,4'-DDD

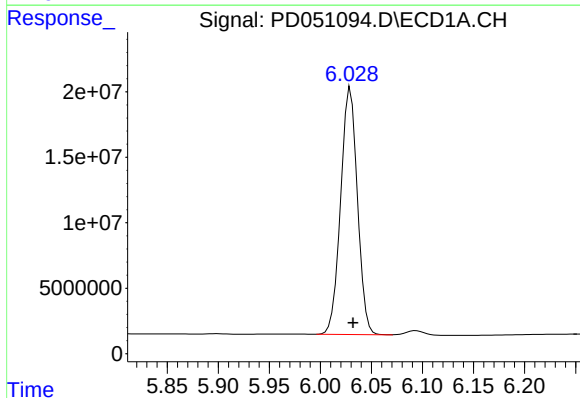
R.T.: 5.797 min  
Delta R.T.: -0.003 min  
Response: 2037116  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



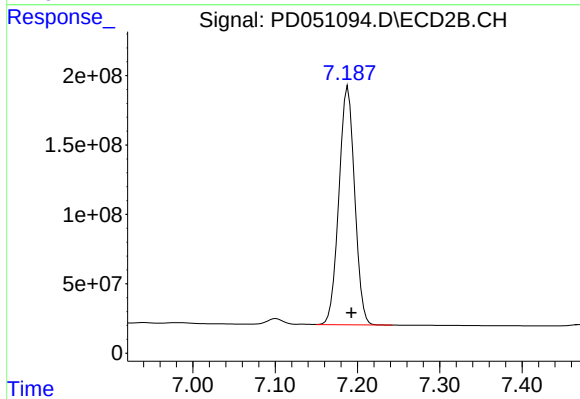
#16 4,4'-DDD

R.T.: 6.889 min  
Delta R.T.: -0.004 min  
Response: 34723700  
Conc: 1.32 ng/ml



#17 4,4'-DDT

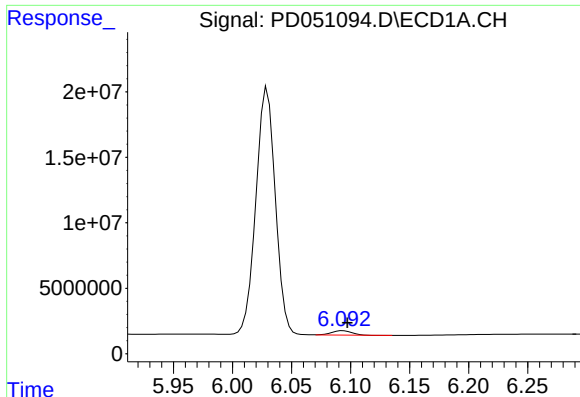
R.T.: 6.030 min  
Delta R.T.: -0.003 min  
Response: 215849240  
Conc: 114.72 ng/ml



#17 4,4'-DDT

R.T.: 7.189 min  
Delta R.T.: -0.004 min  
Response: 2282015681  
Conc: 95.61 ng/ml

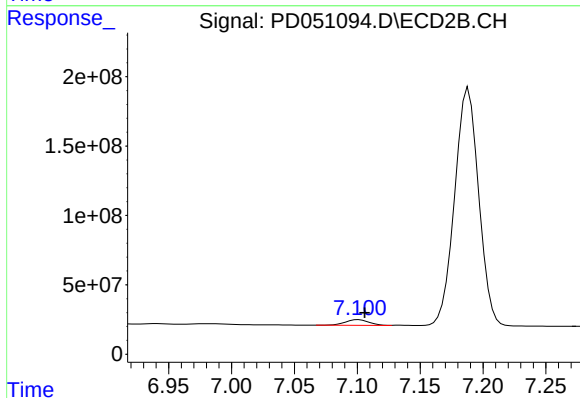




#18 Endrin aldehyde

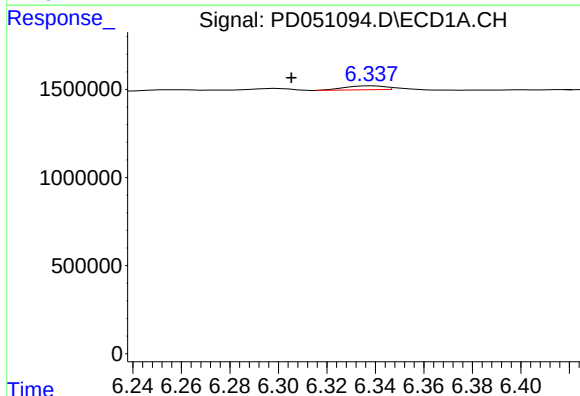
R.T.: 6.094 min  
Delta R.T.: -0.004 min  
Response: 3990920  
Conc: 2.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



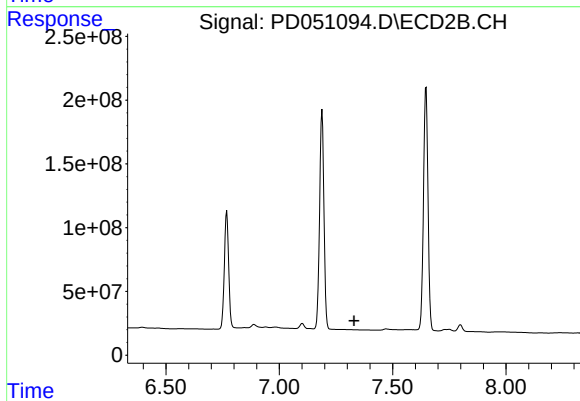
#18 Endrin aldehyde

R.T.: 7.101 min  
Delta R.T.: -0.005 min  
Response: 53565260  
Conc: 2.35 ng/ml



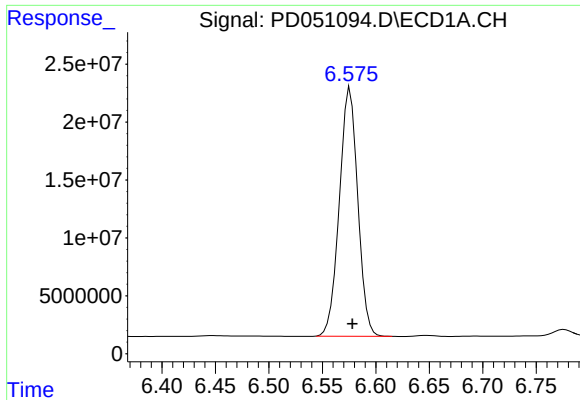
#19 Endosulfan Sulfate

R.T.: 6.339 min  
Delta R.T.: 0.033 min  
Response: 260021  
Conc: 0.13 ng/ml



#19 Endosulfan Sulfate

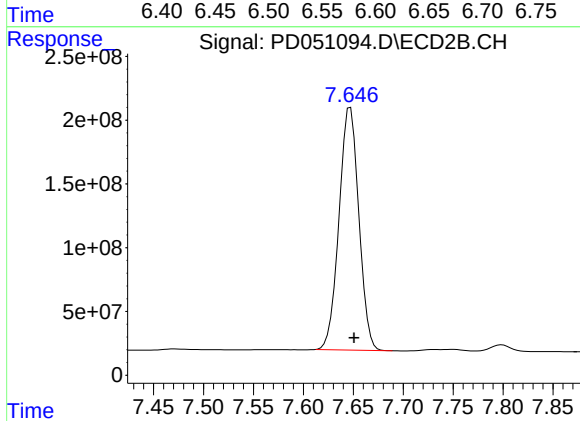
R.T.: 0.000 min  
Exp R.T.: 7.330 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

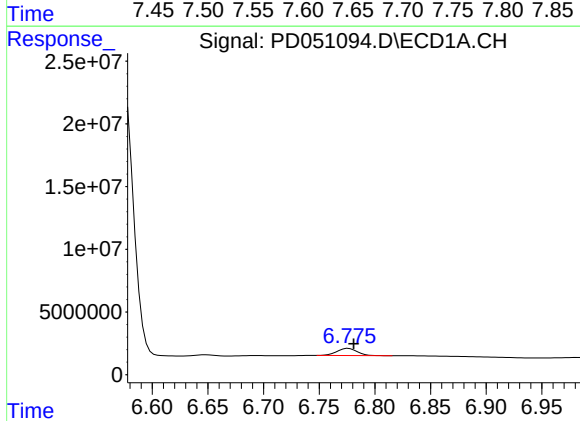
R.T.: 6.576 min  
Delta R.T.: -0.002 min  
Response: 257748673  
Conc: 269.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



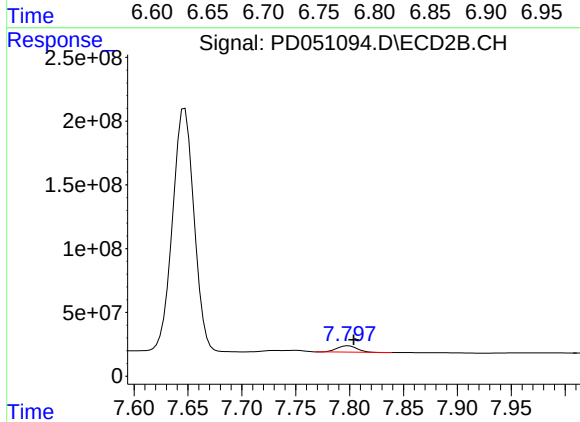
#20 Methoxychlor

R.T.: 7.647 min  
Delta R.T.: -0.004 min  
Response: 2626281101  
Conc: 215.74 ng/ml



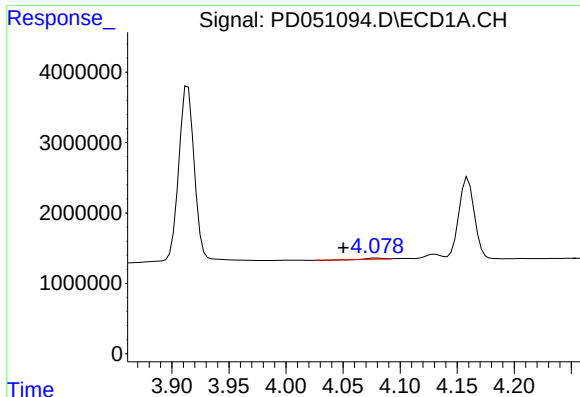
#21 Endrin ketone

R.T.: 6.776 min  
Delta R.T.: -0.005 min  
Response: 7051017  
Conc: 3.31 ng/ml



#21 Endrin ketone

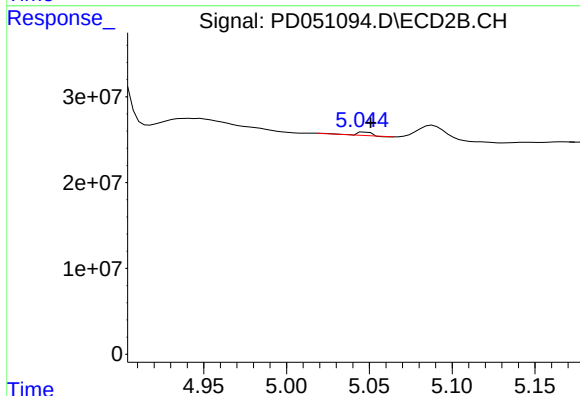
R.T.: 7.799 min  
Delta R.T.: -0.005 min  
Response: 63964899  
Conc: 2.52 ng/ml



#23 Chlordane-1

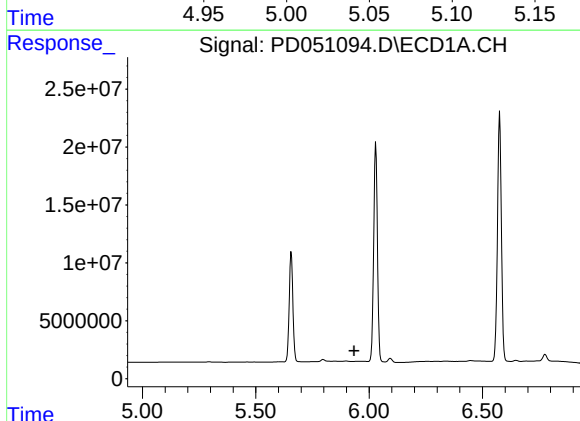
R.T.: 4.079 min  
Delta R.T.: 0.029 min  
Response: 135536  
Conc: 1.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



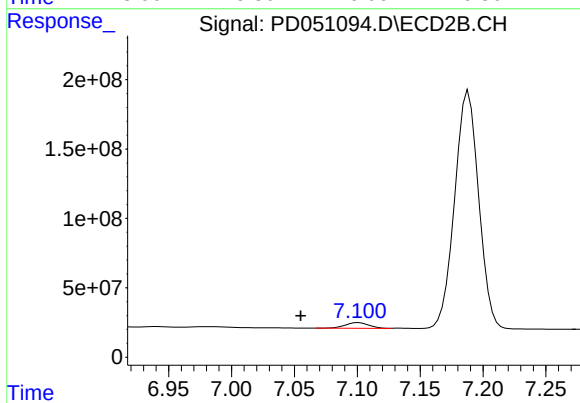
#23 Chlordane-1

R.T.: 5.047 min  
Delta R.T.: -0.003 min  
Response: 2809792  
Conc: 1.89 ng/ml



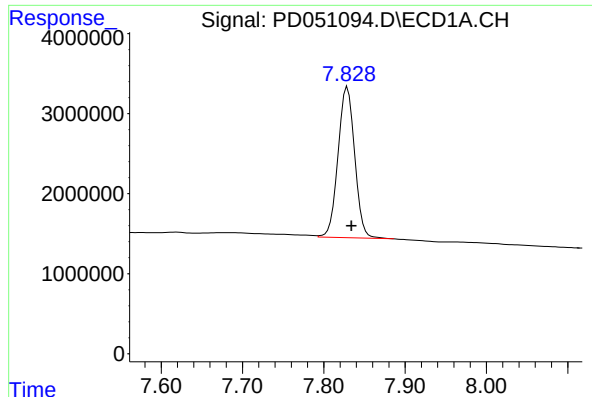
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.934 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

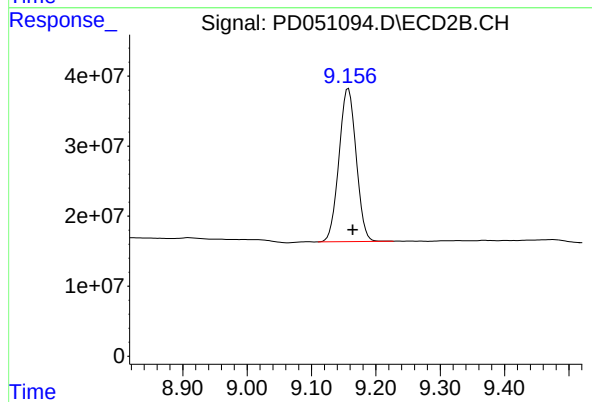
R.T.: 7.101 min  
Delta R.T.: 0.046 min  
Response: 53565260  
Conc: 51.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.829 min  
Delta R.T.: -0.005 min  
Response: 26762870  
Conc: 22.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 9.157 min  
Delta R.T.: -0.007 min  
Response: 406113413  
Conc: 20.35 ng/ml