

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022619\  
 Data File : PD051375.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Feb 2019 9:44  
 Operator : AJ\SJ  
 Sample : PEM36  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM36

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 27 00:49:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022219CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 22 04:35:08 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

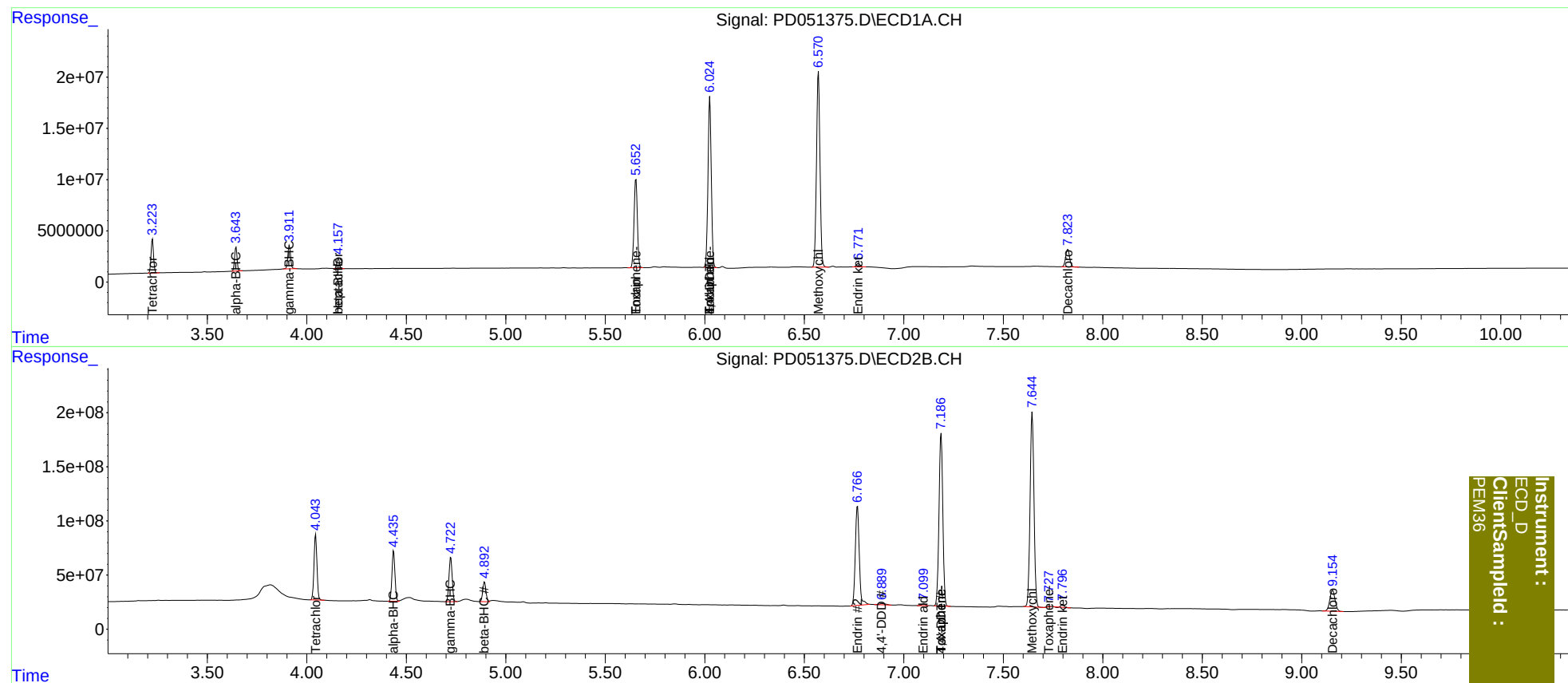
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.224  | 4.044 | 29054465 | 630.2E6  | 20.219   | 20.398     |
| 27)                         | SA Decachlor... | 7.824  | 9.155 | 24084392 | 354.0E6  | 20.026   | 18.675     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.644  | 4.436 | 20494801 | 489.3E6  | 9.247    | 10.472     |
| 3)                          | MA gamma-BHC... | 3.912  | 4.724 | 21839553 | 454.5E6  | 10.375   | 10.640     |
| 4)                          | MA Heptachlor   | 4.158f | 0.000 | 9448818  | 0        | 4.345    | N.D. #     |
| 6)                          | B beta-BHC      | 4.158  | 4.893 | 9448818  | 204.5E6  | 9.883    | 10.307     |
| 14)                         | MA Endrin       | 5.654  | 6.767 | 100.1E6  | 1270.9E6 | 49.119   | 48.083     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.891 | 0        | 21829949 | N.D.     | 0.834      |
| 17)                         | MA 4,4'-DDT     | 6.025  | 7.188 | 192.2E6  | 2128.7E6 | 105.545  | 92.297     |
| 18)                         | B Endrin al...  | 6.025f | 7.100 | 192.2E6  | 21881826 | 117.209  | 0.974 #    |
| 20)                         | A Methoxychlor  | 6.571  | 7.645 | 234.6E6  | 2464.2E6 | 254.039  | 232.781    |
| 21)                         | B Endrin ke...  | 6.772  | 7.798 | 4228126  | 23340636 | 2.082    | 0.978 #    |
| 23)                         | Toxaphene-2     | 5.654  | 0.000 | 100.1E6  | 0        | 4374.113 | N.D. #     |
| 24)                         | Toxaphene-3     | 6.025  | 7.188 | 192.2E6  | 2128.7E6 | 5051.675 | 8756.935 # |
| 25)                         | Toxaphene-4     | 0.000  | 7.188 | 0        | 2128.7E6 | N.D.     | 3169.685   |
| 26)                         | Toxaphene-5     | 0.000  | 7.730 | 0        | 3824218  | N.D.     | 13.288     |
| -----                       |                 |        |       |          |          |          |            |

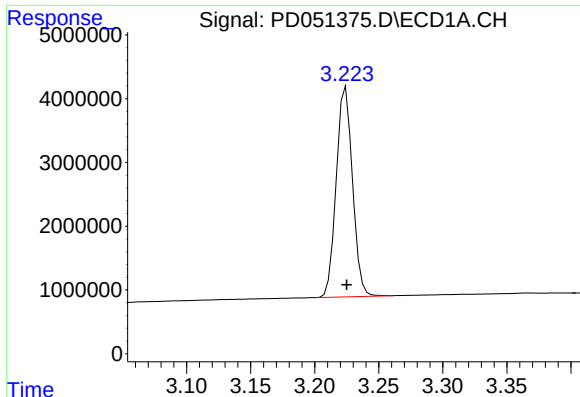
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022619\  
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Acq On : 26 Feb 2019 9:44  
Operator : AJ\SJ  
Sample : PEM36  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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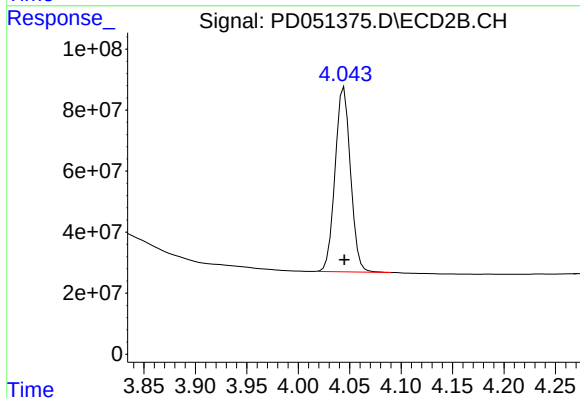




#1 Tetrachloro-m-xylene

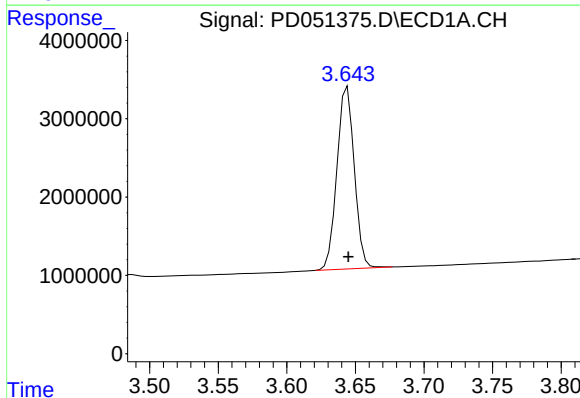
R.T.: 3.224 min  
Delta R.T.: 0.000 min  
Response: 29054465  
Conc: 20.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM36



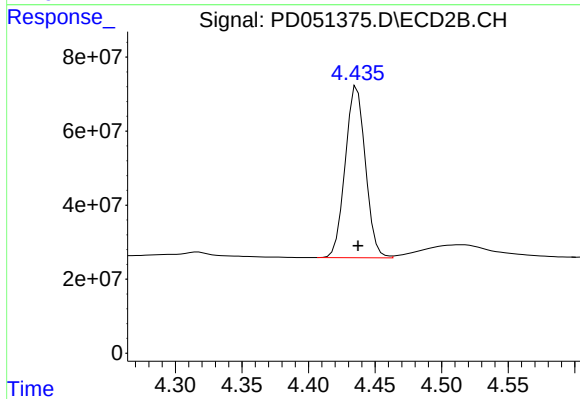
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 630212048  
Conc: 20.40 ng/ml



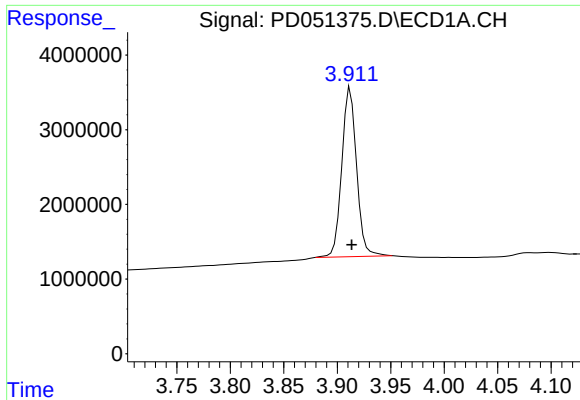
#2 alpha-BHC

R.T.: 3.644 min  
Delta R.T.: 0.000 min  
Response: 20494801  
Conc: 9.25 ng/ml



#2 alpha-BHC

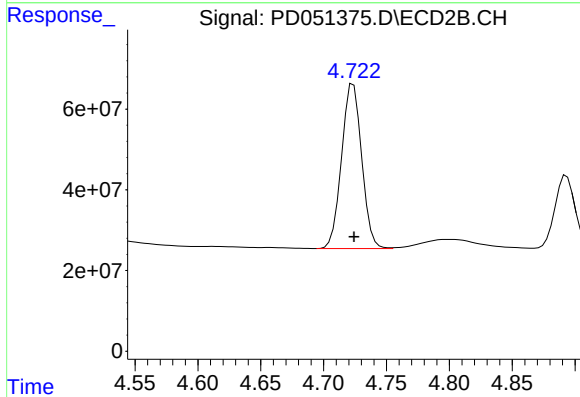
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 489301196  
Conc: 10.47 ng/ml



#3 gamma-BHC (Lindane)

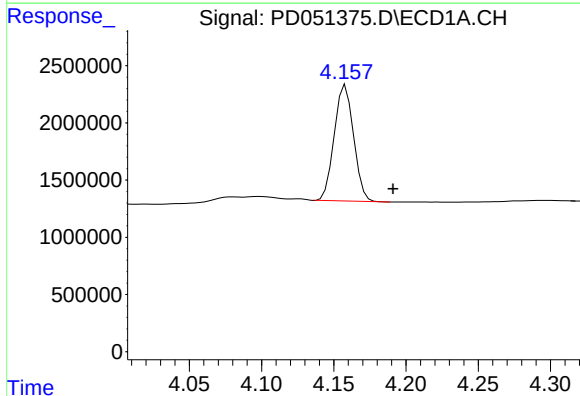
R.T.: 3.912 min  
Delta R.T.: -0.001 min  
Response: 21839553  
Conc: 10.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM36



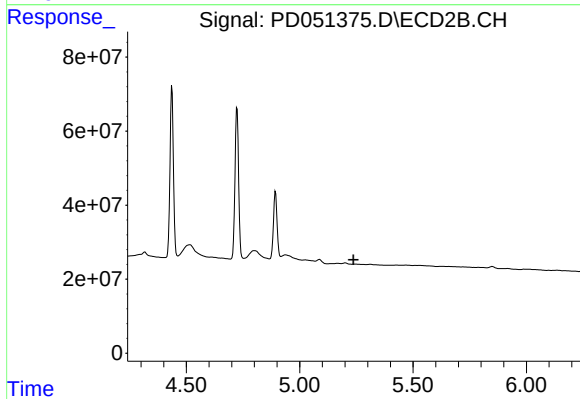
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 454536325  
Conc: 10.64 ng/ml



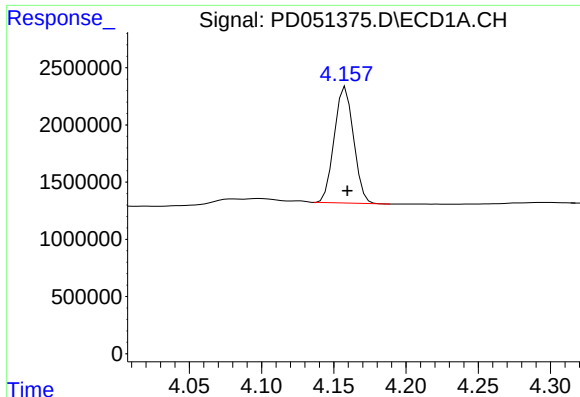
#4 Heptachlor

R.T.: 4.158 min  
Delta R.T.: -0.033 min  
Response: 9448818  
Conc: 4.34 ng/ml



#4 Heptachlor

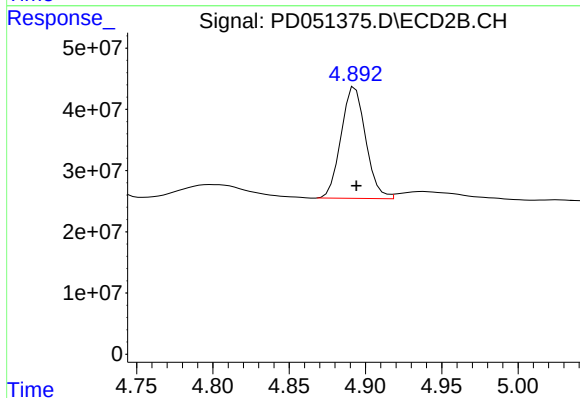
R.T.: 0.000 min  
Exp R.T. : 5.238 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

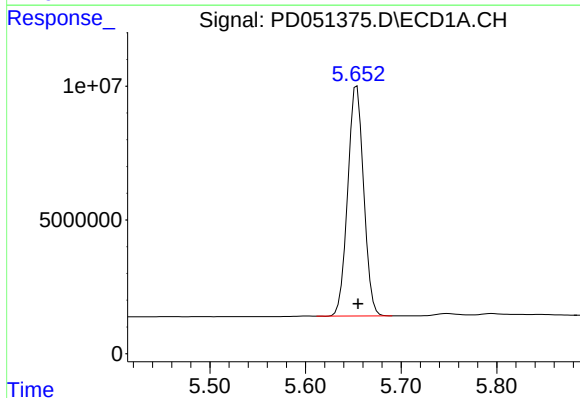
R.T.: 4.158 min  
Delta R.T.: -0.001 min  
Response: 9448818  
Conc: 9.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM36



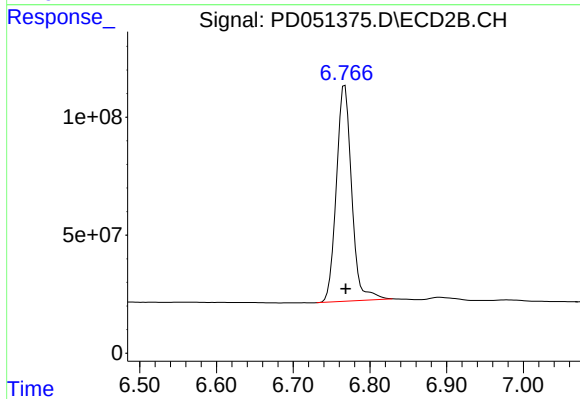
#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 204506079  
Conc: 10.31 ng/ml



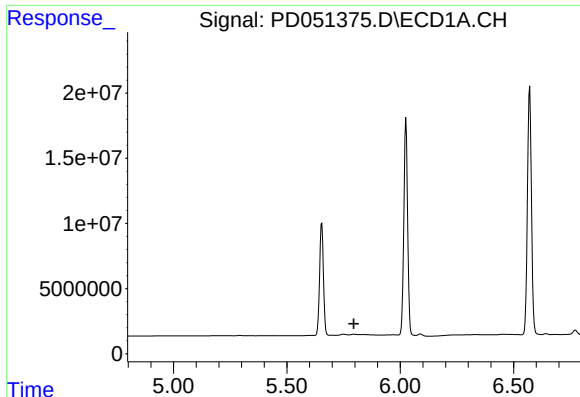
#14 Endrin

R.T.: 5.654 min  
Delta R.T.: -0.001 min  
Response: 100061044  
Conc: 49.12 ng/ml



#14 Endrin

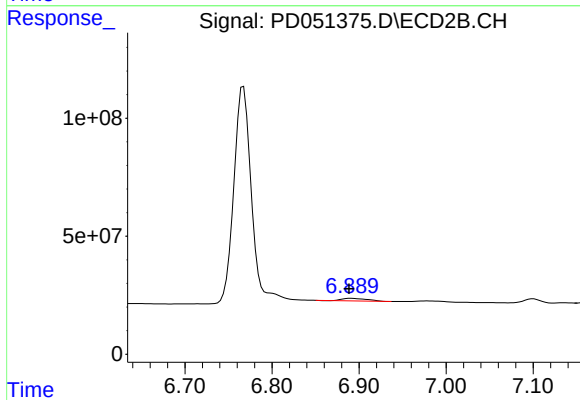
R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 1270894142  
Conc: 48.08 ng/ml



#16 4,4'-DDD

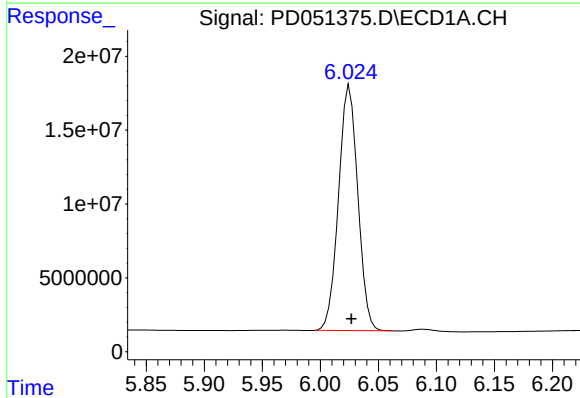
R.T.: 0.000 min  
Exp R.T.: 5.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM36



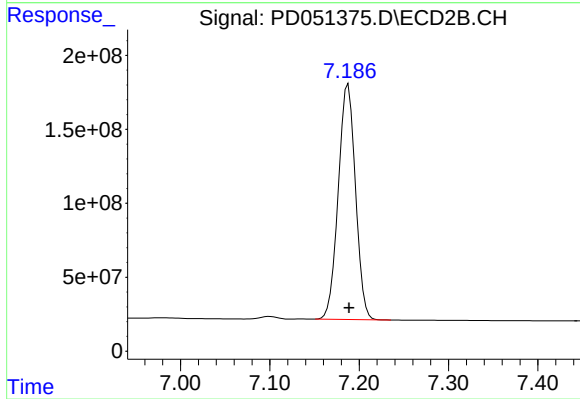
#16 4,4'-DDD

R.T.: 6.891 min  
Delta R.T.: 0.002 min  
Response: 21829949  
Conc: 0.83 ng/ml



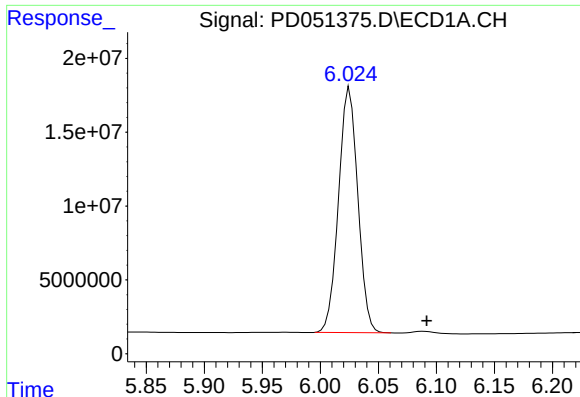
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: -0.001 min  
Response: 192201605  
Conc: 105.55 ng/ml



#17 4,4'-DDT

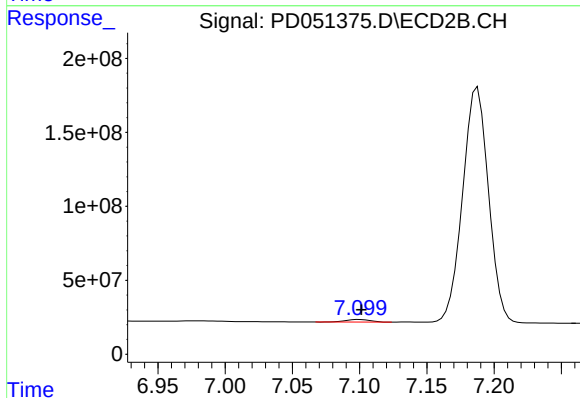
R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 2128671722  
Conc: 92.30 ng/ml



#18 Endrin aldehyde

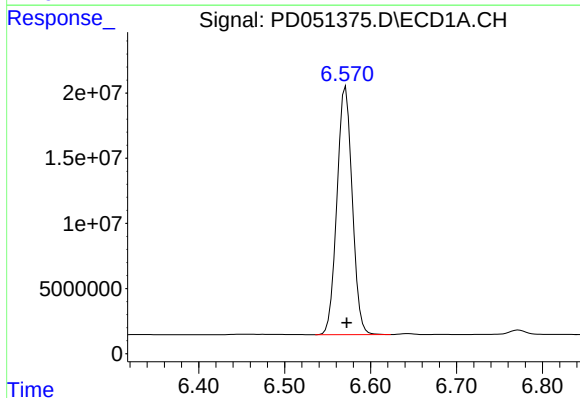
R.T.: 6.025 min  
Delta R.T.: -0.066 min  
Response: 192201605  
Conc: 117.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM36



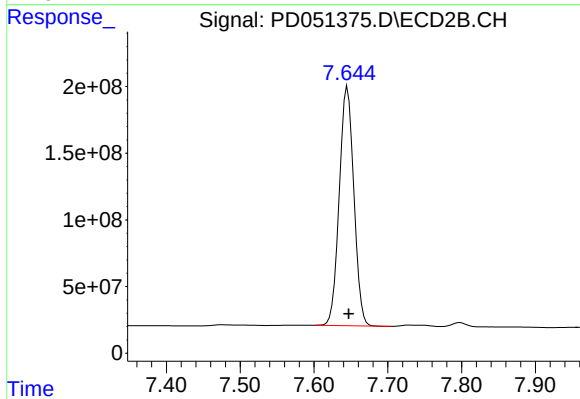
#18 Endrin aldehyde

R.T.: 7.100 min  
Delta R.T.: -0.001 min  
Response: 21881826  
Conc: 0.97 ng/ml



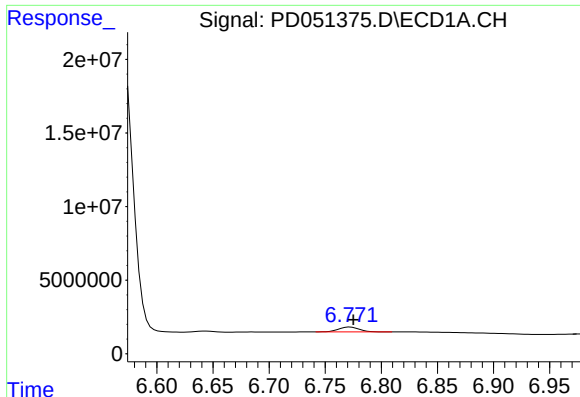
#20 Methoxychlor

R.T.: 6.571 min  
Delta R.T.: -0.001 min  
Response: 234602955  
Conc: 254.04 ng/ml



#20 Methoxychlor

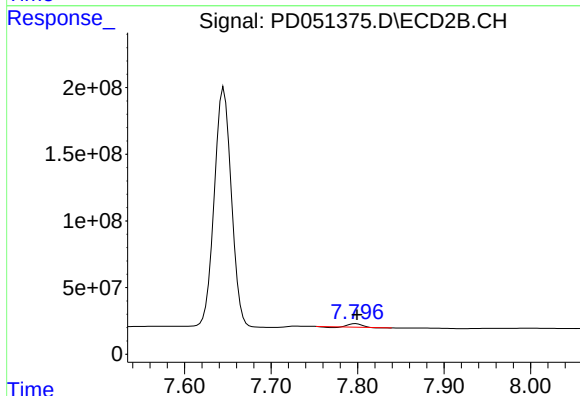
R.T.: 7.645 min  
Delta R.T.: -0.002 min  
Response: 2464194597  
Conc: 232.78 ng/ml



#21 Endrin ketone

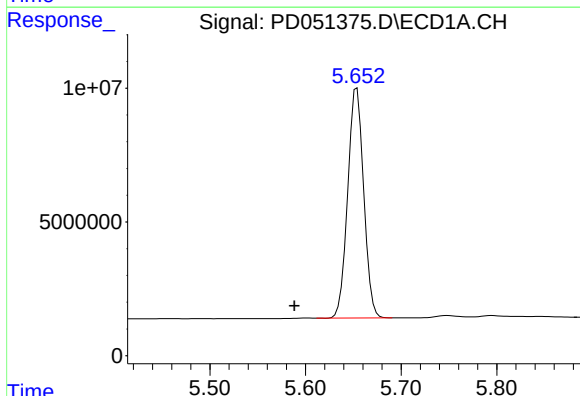
R.T.: 6.772 min  
Delta R.T.: -0.003 min  
Response: 4228126  
Conc: 2.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM36



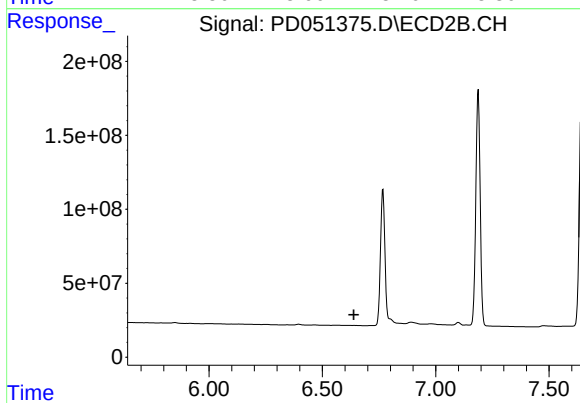
#21 Endrin ketone

R.T.: 7.798 min  
Delta R.T.: -0.002 min  
Response: 23340636  
Conc: 0.98 ng/ml



#23 Toxaphene-2

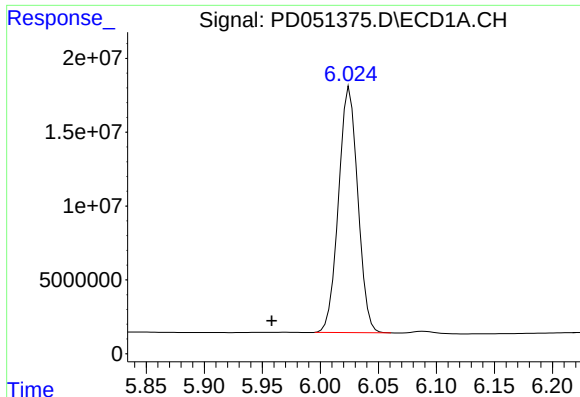
R.T.: 5.654 min  
Delta R.T.: 0.066 min  
Response: 100061044  
Conc: 4374.11 ng/ml



#23 Toxaphene-2

R.T.: 0.000 min  
Exp R.T.: 6.638 min  
Response: 0  
Conc: N.D.

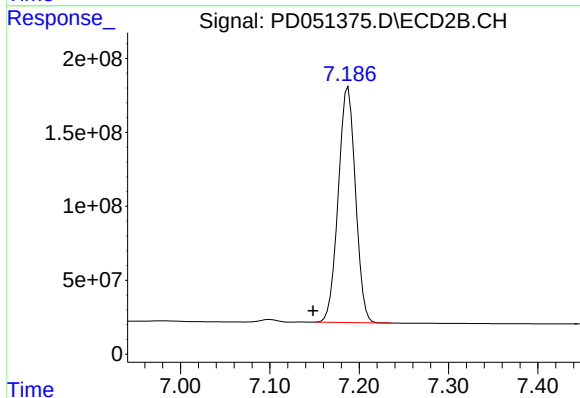




#24 Toxaphene-3

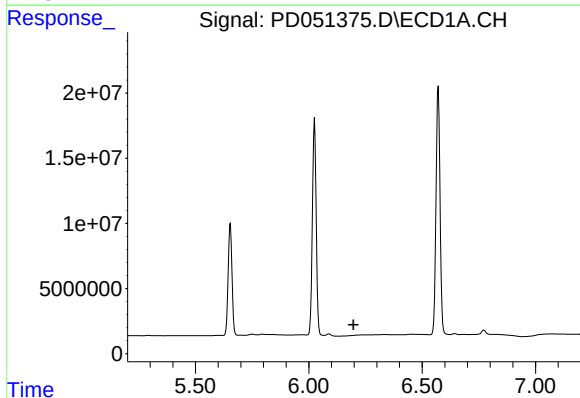
R.T.: 6.025 min  
Delta R.T.: 0.067 min  
Response: 192201605  
Conc: 5051.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM36



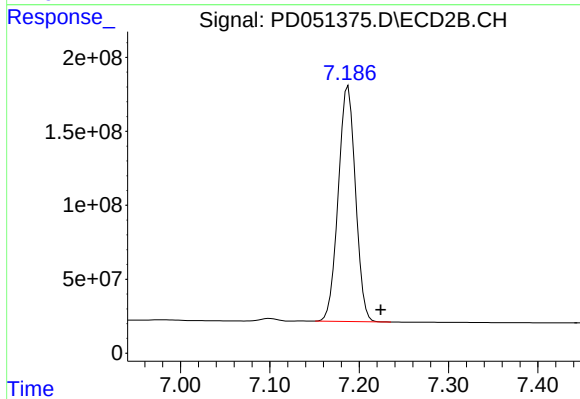
#24 Toxaphene-3

R.T.: 7.188 min  
Delta R.T.: 0.040 min  
Response: 2128671722  
Conc: 8756.93 ng/ml



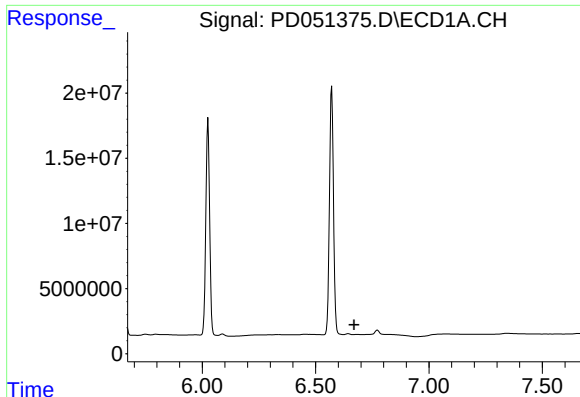
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.197 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

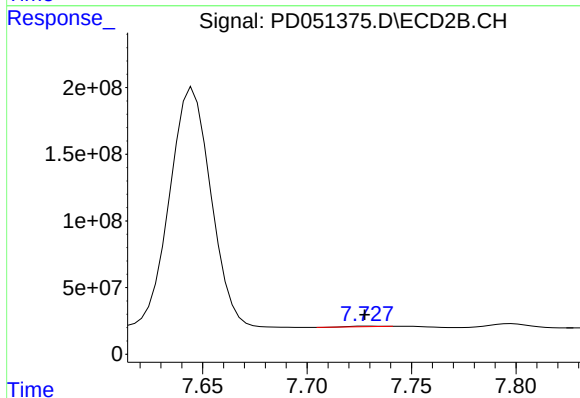
R.T.: 7.188 min  
Delta R.T.: -0.036 min  
Response: 2128671722  
Conc: 3169.69 ng/ml



#26 Toxaphene-5

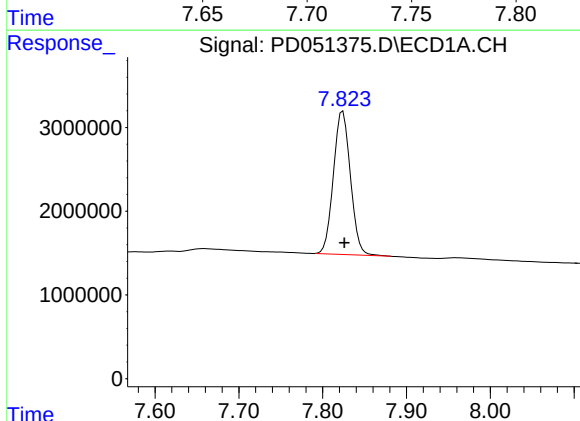
R.T.: 0.000 min  
Exp R.T.: 6.670 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM36



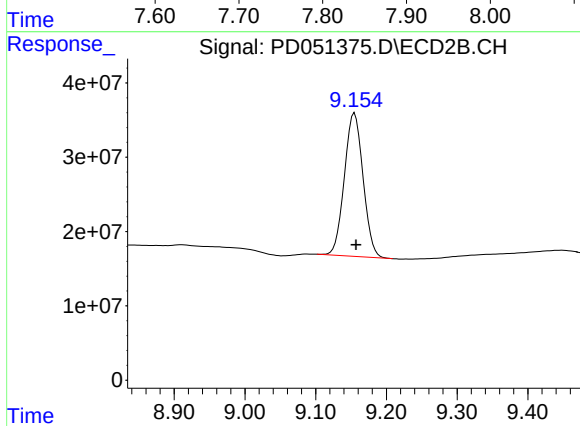
#26 Toxaphene-5

R.T.: 7.730 min  
Delta R.T.: 0.002 min  
Response: 3824218  
Conc: 13.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.824 min  
Delta R.T.: -0.002 min  
Response: 24084392  
Conc: 20.03 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.155 min  
Delta R.T.: -0.002 min  
Response: 354024210  
Conc: 18.67 ng/ml