

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121118\  
 Data File : PD050781.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Dec 2018 23:25  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
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 12/12/2018 11:23:40 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 00:03:27 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 16 02:59:21 2018  
 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 | 4.044 | 30482561 | 556.0E6  | 20.947  | 20.184  |
| 28)                         | SA Decachlor... | 7.833 | 9.153 | 33119009 | 401.5E6  | 22.373  | 19.835  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.647 | 4.437 | 22733466 | 431.4E6  | 9.684   | 10.164  |
| 3)                          | MA gamma-BHC... | 3.915 | 4.723 | 21669490 | 402.0E6  | 9.287   | 10.568  |
| 6)                          | B beta-BHC      | 4.161 | 4.893 | 9790487  | 181.0E6  | 10.709  | 10.911  |
| 12)                         | B 4,4'-DDE      | 5.297 | 6.397 | 463022   | 8935898  | 0.226   | 0.304 # |
| 14)                         | MA Endrin       | 5.659 | 6.768 | 88698941 | 980.7E6  | 46.166  | 40.690  |
| 16)                         | A 4,4'-DDD      | 5.800 | 6.887 | 5606287  | 79611759 | 3.271   | 3.486m  |
| 17)                         | MA 4,4'-DDT     | 6.031 | 7.187 | 167.4E6  | 1768.0E6 | 94.470  | 85.661  |
| 18)                         | B Endrin al...  | 6.095 | 7.100 | 6255169  | 82169893 | 4.126   | 4.063   |
| 20)                         | A Methoxychlor  | 6.577 | 7.645 | 210.5E6  | 2100.1E6 | 220.504 | 188.877 |
| 21)                         | B Endrin ke...  | 6.779 | 7.797 | 8337723  | 81240431 | 3.857   | 3.505   |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PD050781.D  
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Acq On : 11 Dec 2018 23:25  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

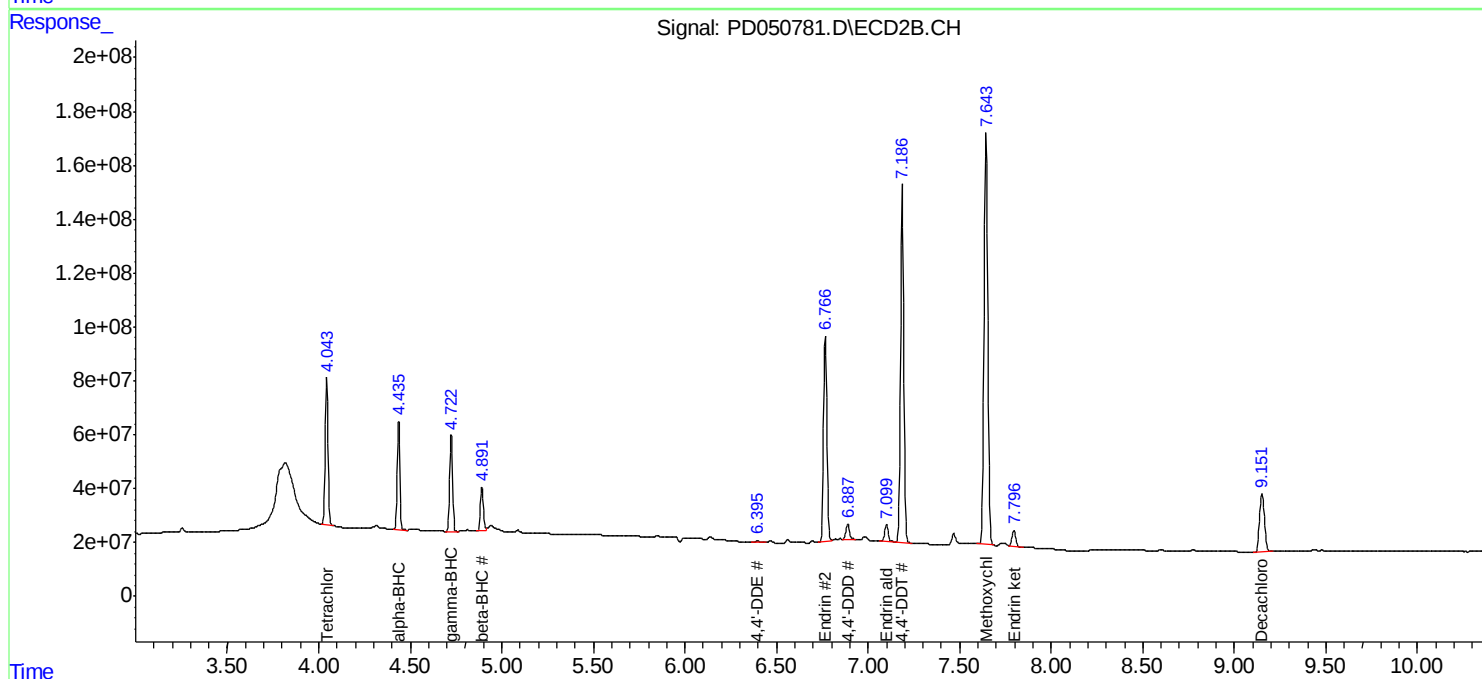
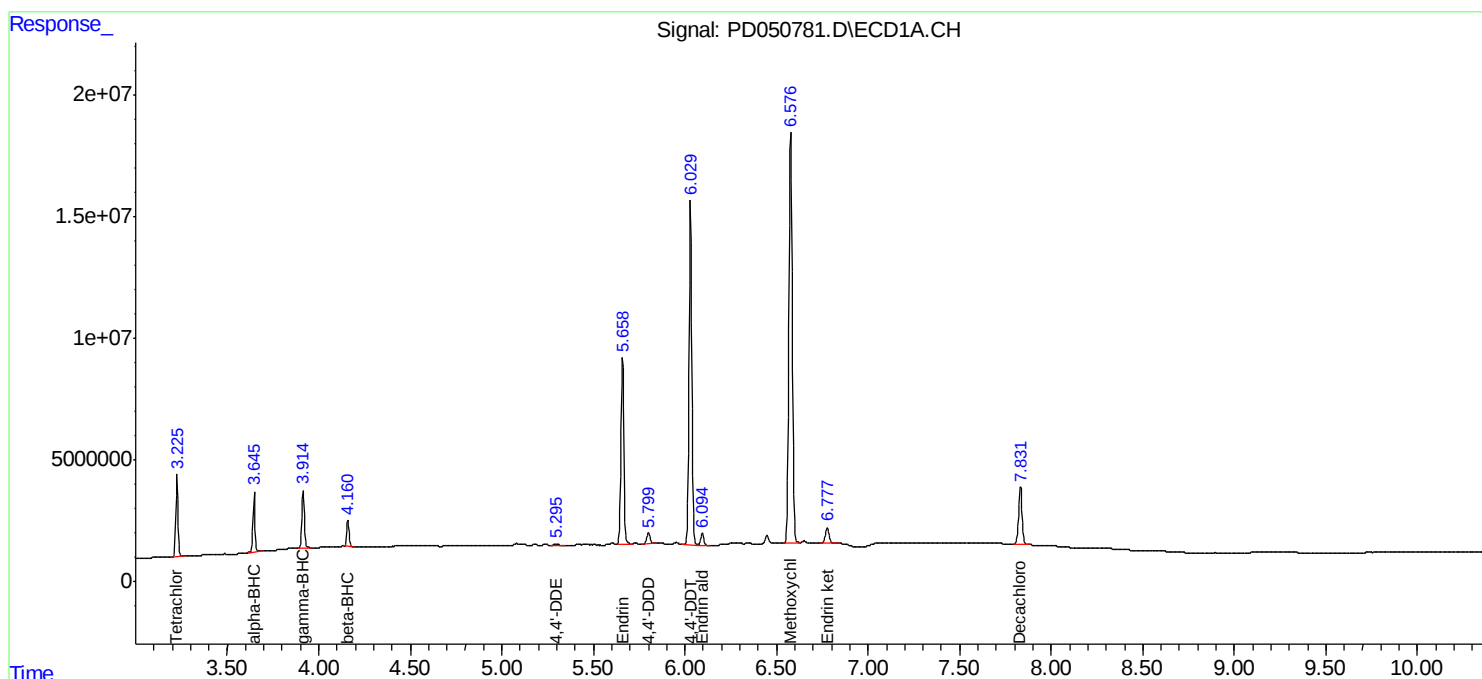
Instrument :  
ECD\_D  
ClientSampled :  
PEM

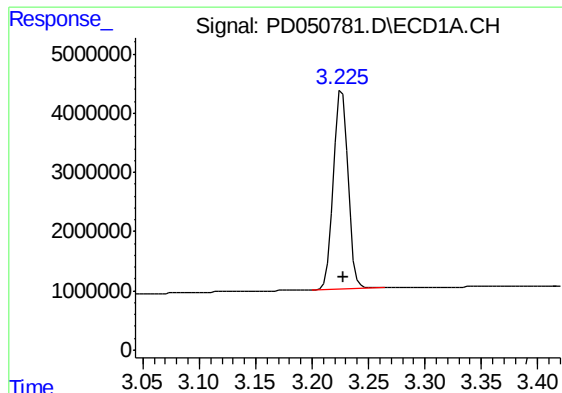
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 00:03:27 2018  
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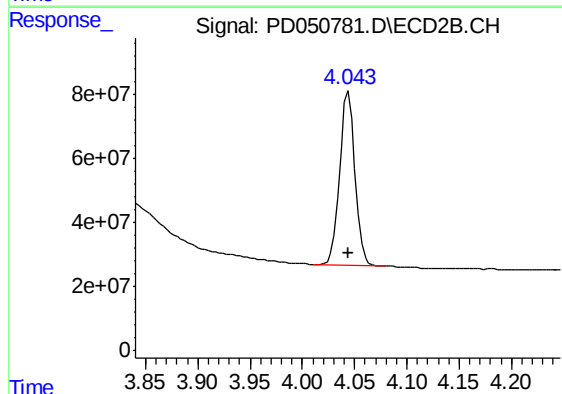
#1 Tetrachloro-m-xylene

R.T.: 3.226 min  
Delta R.T.: -0.002 min  
Response: 30482561  
Conc: 20.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

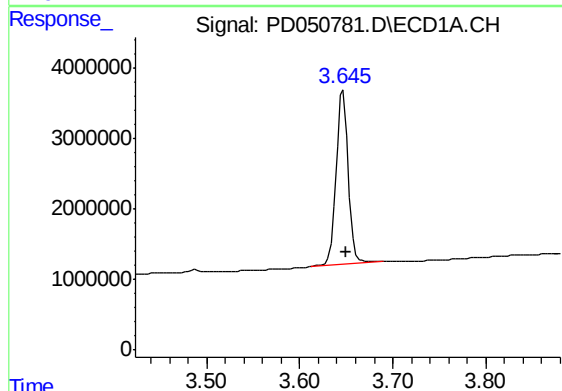
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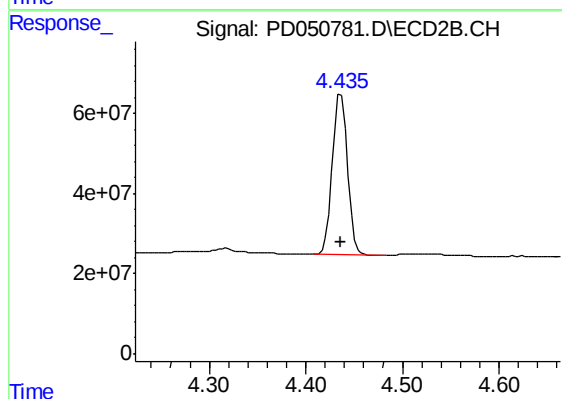
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 555951783  
Conc: 20.18 ng/ml



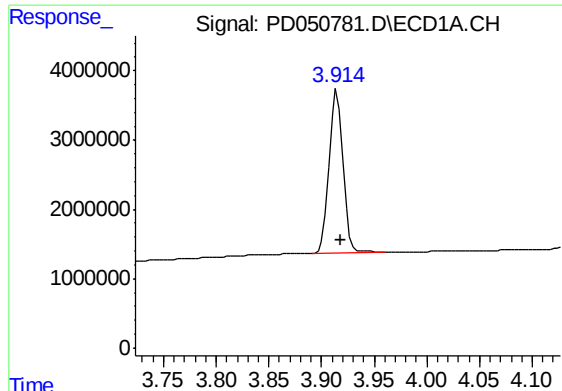
#2 alpha-BHC

R.T.: 3.647 min  
Delta R.T.: -0.003 min  
Response: 22733466  
Conc: 9.68 ng/ml



#2 alpha-BHC

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 431388096  
Conc: 10.16 ng/ml



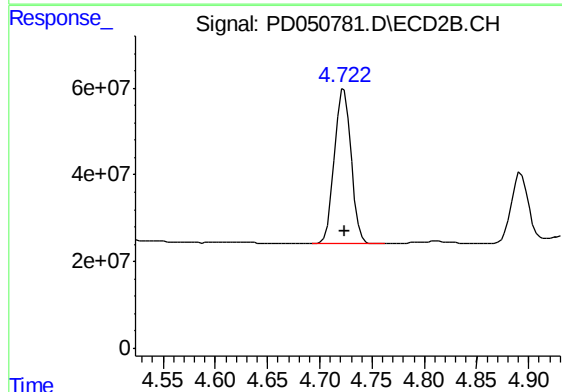
#3 gamma-BHC (Lindane)

R.T.: 3.915 min  
Delta R.T.: -0.003 min  
Response: 21669490  
Conc: 9.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

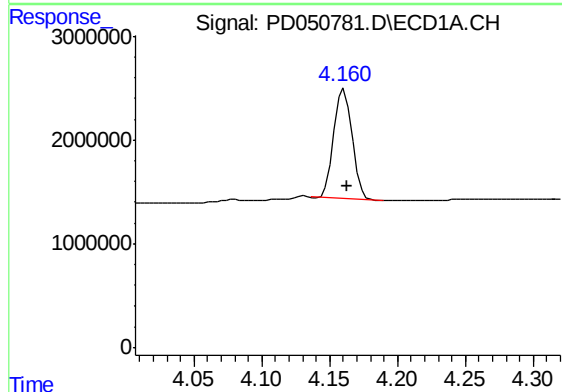
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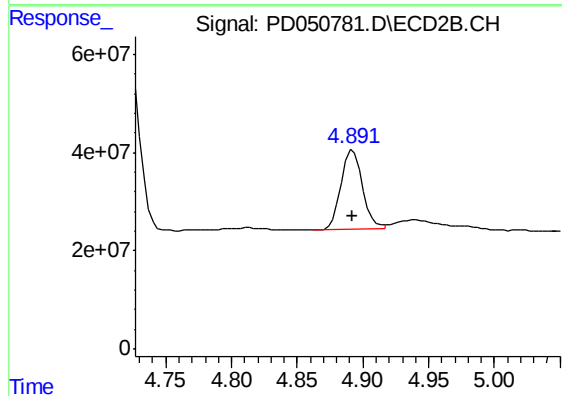
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 402042212  
Conc: 10.57 ng/ml



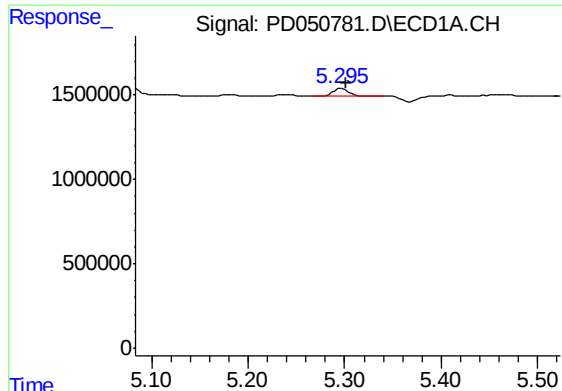
#6 beta-BHC

R.T.: 4.161 min  
Delta R.T.: -0.003 min  
Response: 9790487  
Conc: 10.71 ng/ml



#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 181023323  
Conc: 10.91 ng/ml



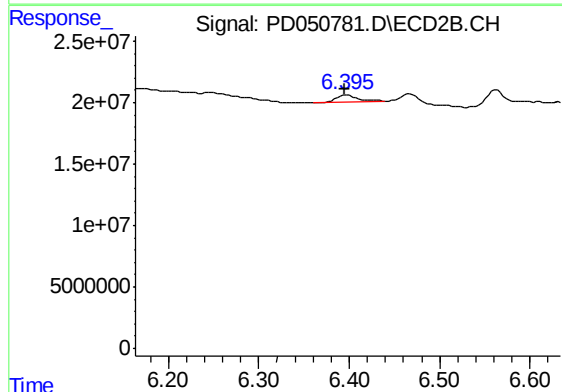
#12 4,4'-DDE

R.T.: 5.297 min  
Delta R.T.: -0.005 min  
Response: 463022  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

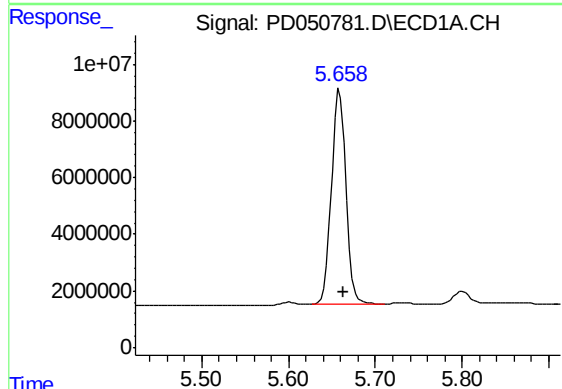
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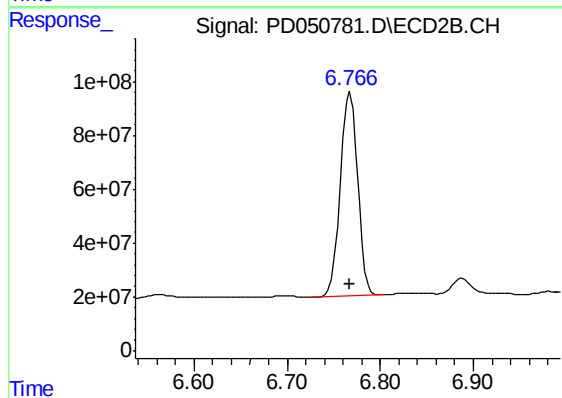
#12 4,4'-DDE

R.T.: 6.397 min  
Delta R.T.: 0.001 min  
Response: 8935898  
Conc: 0.30 ng/ml



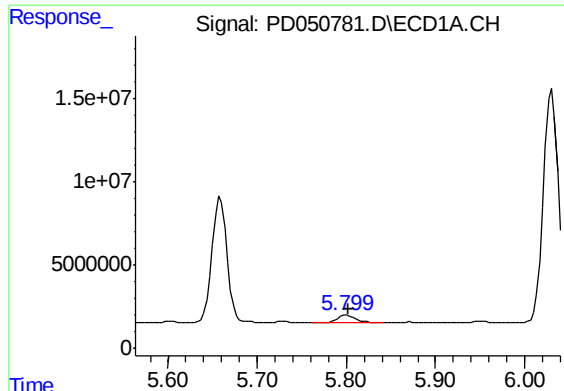
#14 Endrin

R.T.: 5.659 min  
Delta R.T.: -0.004 min  
Response: 88698941  
Conc: 46.17 ng/ml



#14 Endrin

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 980723180  
Conc: 40.69 ng/ml



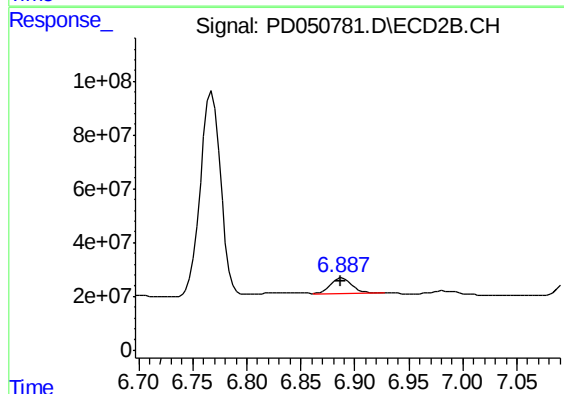
#16 4,4'-DDD

R.T.: 5.800 min  
Delta R.T.: -0.003 min  
Response: 5606287  
Conc: 3.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

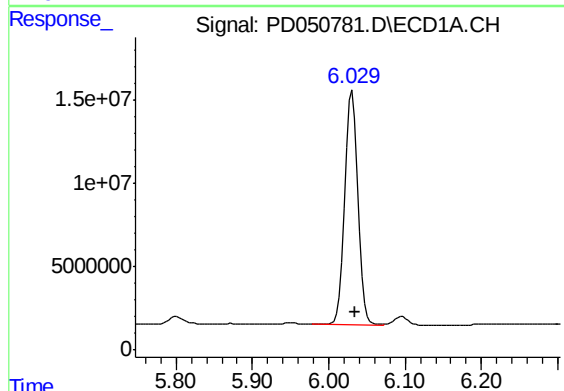
Manual Integrations  
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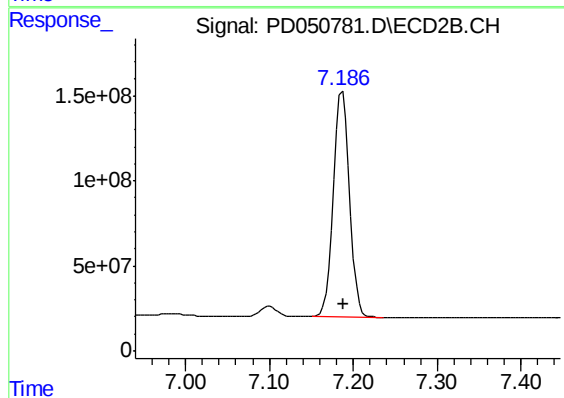
#16 4,4'-DDD

R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 79611759  
Conc: 3.49 ng/ml m



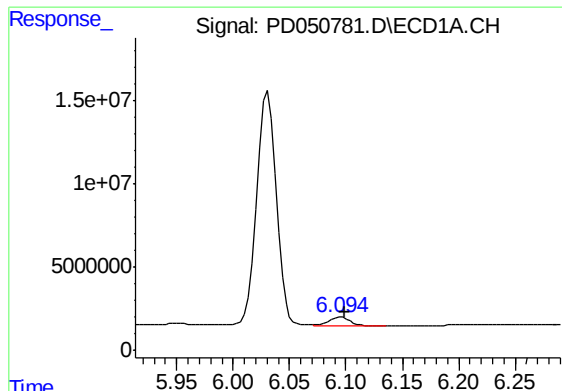
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.004 min  
Response: 167391654  
Conc: 94.47 ng/ml



#17 4,4'-DDT

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 1768015918  
Conc: 85.66 ng/ml



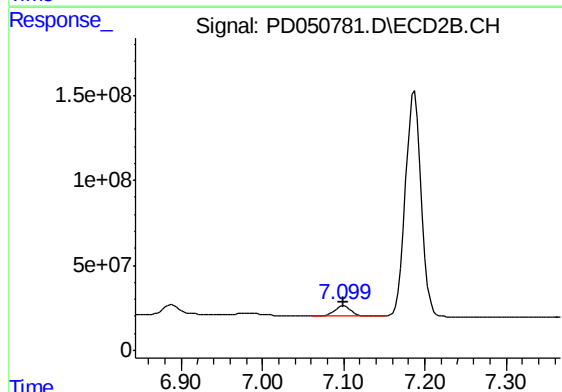
#18 Endrin aldehyde

R.T.: 6.095 min  
Delta R.T.: -0.004 min  
Response: 6255169  
Conc: 4.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

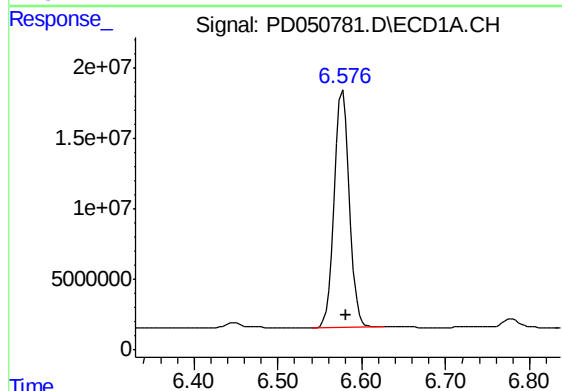
Manual Integrations  
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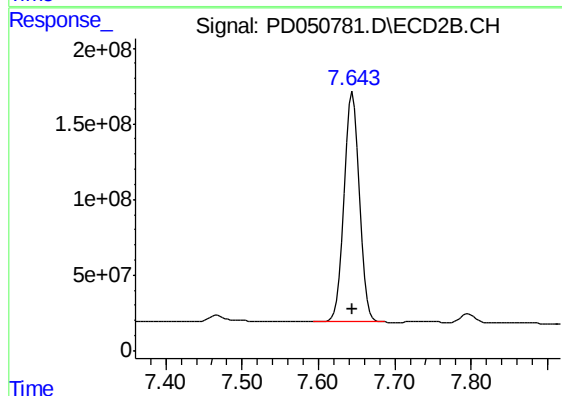
#18 Endrin aldehyde

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 82169893  
Conc: 4.06 ng/ml



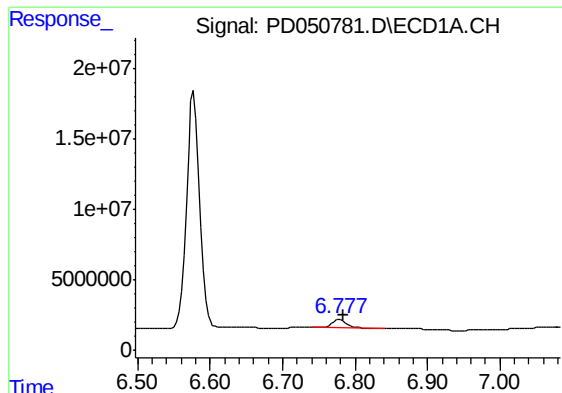
#20 Methoxychlor

R.T.: 6.577 min  
Delta R.T.: -0.004 min  
Response: 210475056  
Conc: 220.50 ng/ml



#20 Methoxychlor

R.T.: 7.645 min  
Delta R.T.: 0.000 min  
Response: 2100098213  
Conc: 188.88 ng/ml



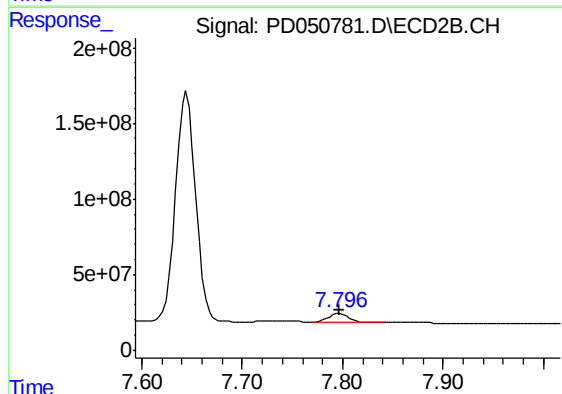
#21 Endrin ketone

R.T.: 6.779 min  
Delta R.T.: -0.005 min  
Response: 8337723  
Conc: 3.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

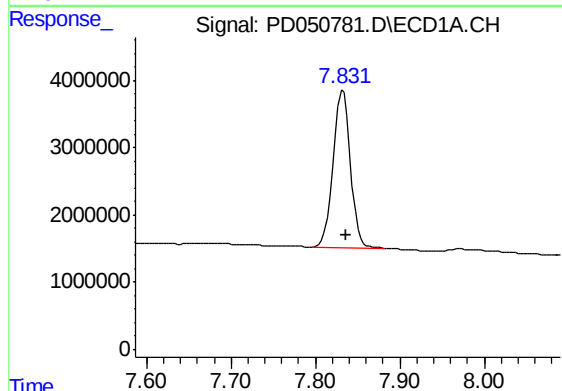
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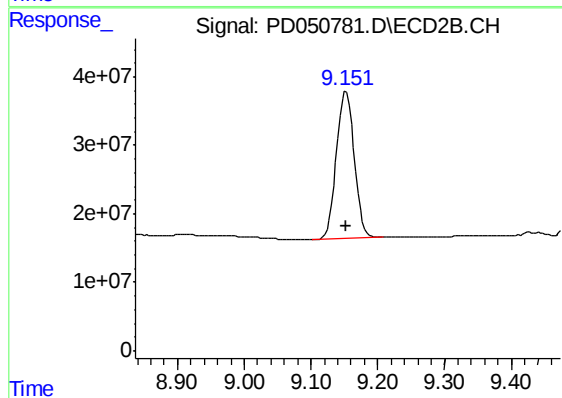
#21 Endrin ketone

R.T.: 7.797 min  
Delta R.T.: 0.000 min  
Response: 81240431  
Conc: 3.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min  
Delta R.T.: -0.004 min  
Response: 33119009  
Conc: 22.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.153 min  
Delta R.T.: 0.000 min  
Response: 401509014  
Conc: 19.84 ng/ml