

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082123\  
 Data File : PD077281.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2023 18:23  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/22/2023  
 Supervised By : Ankita Jodhani 08/22/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 21 22:25:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 14:17:41 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.543 | 2.762 | 45887388 | 26807094 | 19.390  | 19.680  |
| 28)                         | SA Decachlor... | 9.082 | 7.901 | 57094964 | 27815974 | 20.836  | 19.437  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.263 | 35924576 | 18543930 | 9.356   | 9.587   |
| 3)                          | MA gamma-BHC... | 4.332 | 3.593 | 34835373 | 17175420 | 9.464   | 9.232   |
| 6)                          | B beta-BHC      | 4.530 | 3.890 | 16542870 | 8439455  | 10.993  | 11.062  |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.217 | 478599   | 341240   | 0.161   | 0.235m# |
| 14)                         | MA Endrin       | 6.587 | 5.625 | 120.8E6  | 65073908 | 43.464  | 44.473  |
| 16)                         | A 4,4'-DDD      | 6.720 | 5.772 | 4558745  | 2455347  | 1.938   | 2.208   |
| 17)                         | MA 4,4'-DDT     | 7.036 | 6.023 | 247.7E6  | 128.6E6  | 101.859 | 115.690 |
| 18)                         | B Endrin al...  | 6.936 | 6.098 | 4326524  | 3306669  | 1.981   | 2.905 # |
| 20)                         | A Methoxychlor  | 7.512 | 6.598 | 331.3E6  | 157.7E6  | 233.834 | 263.665 |
| 21)                         | B Endrin ke...  | 7.658 | 6.827 | 8977161  | 5615930  | 2.981   | 3.542   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082123\  
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Acq On : 21 Aug 2023 18:23  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

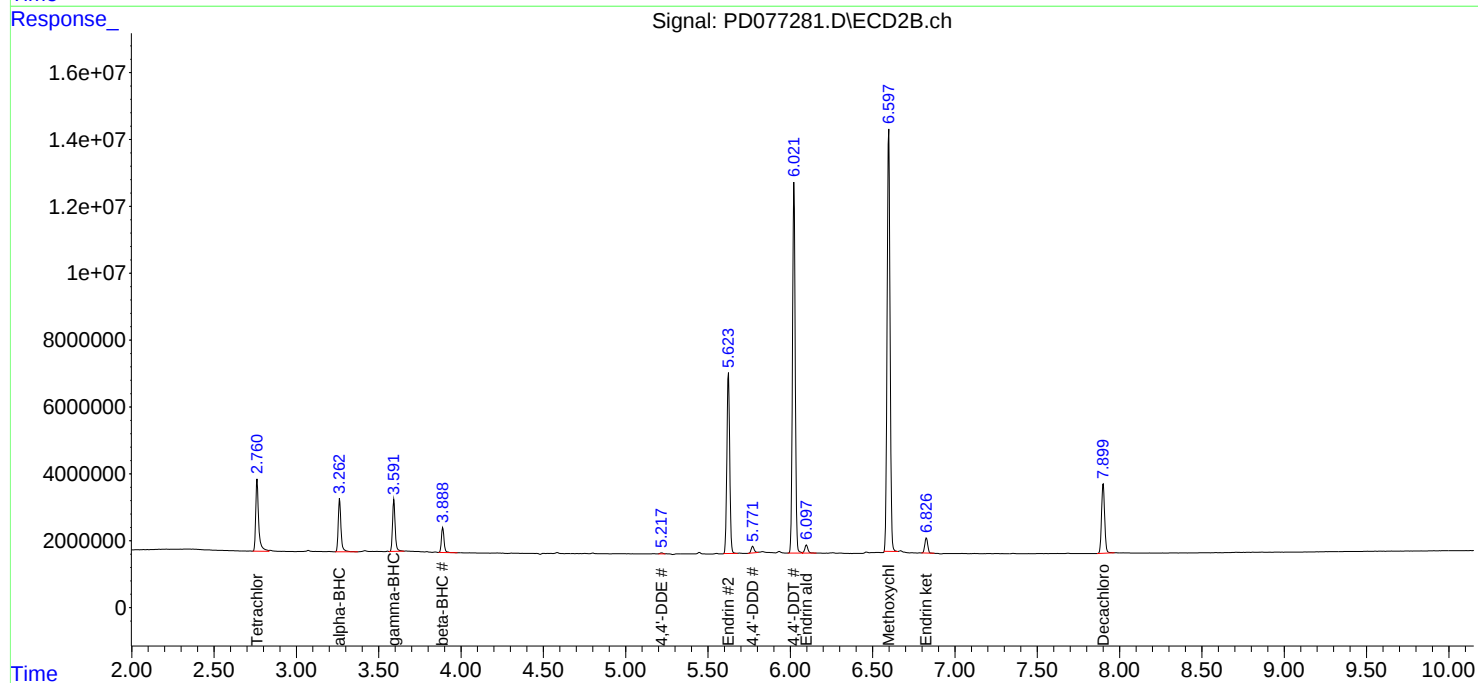
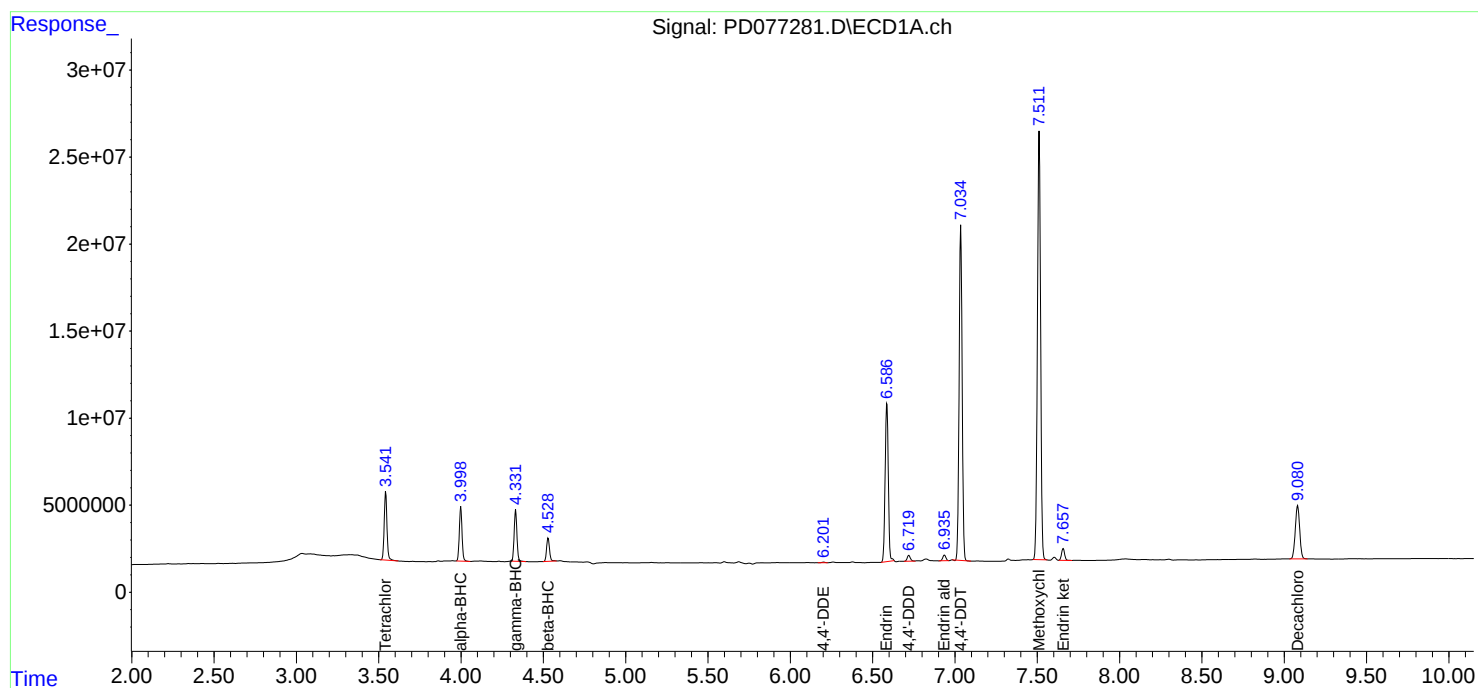
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

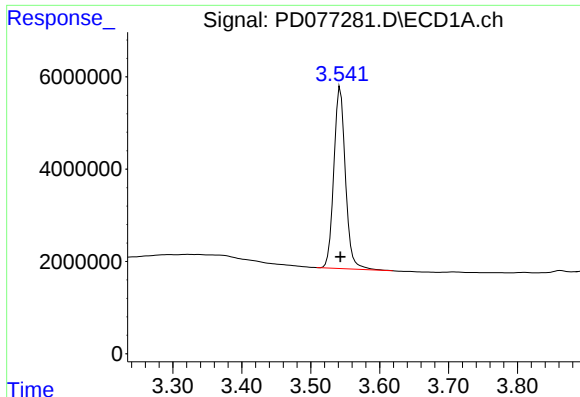
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 22:25:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
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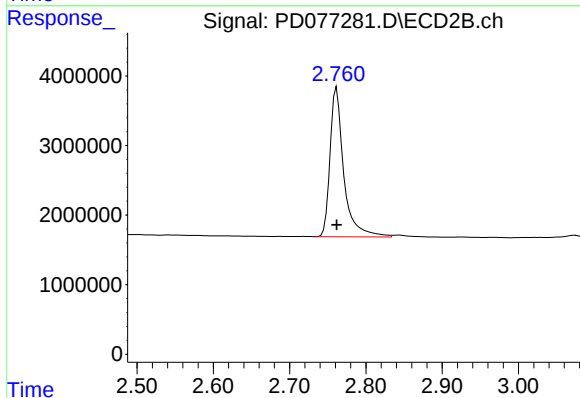
#1 Tetrachloro-m-xylene

R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 45887388  
Conc: 19.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

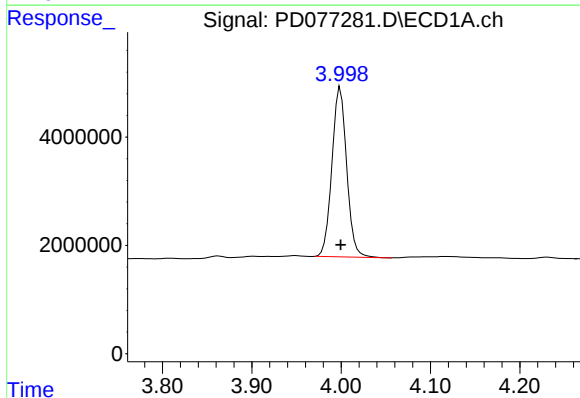
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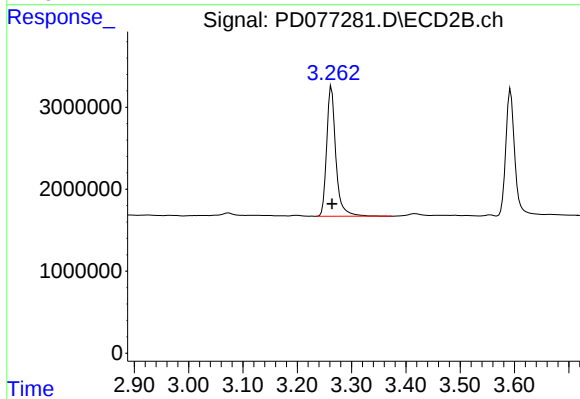
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 26807094  
Conc: 19.68 ng/ml



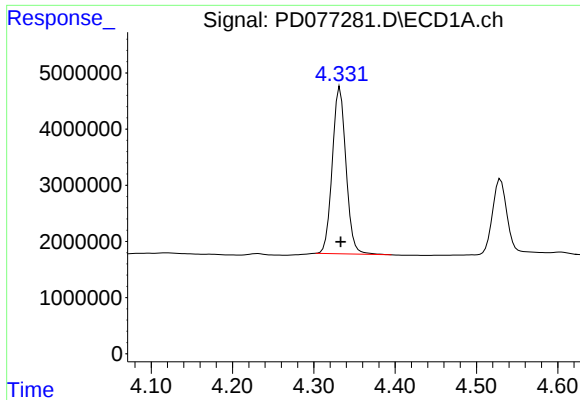
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 35924576  
Conc: 9.36 ng/ml



#2 alpha-BHC

R.T.: 3.263 min  
Delta R.T.: 0.000 min  
Response: 18543930  
Conc: 9.59 ng/ml



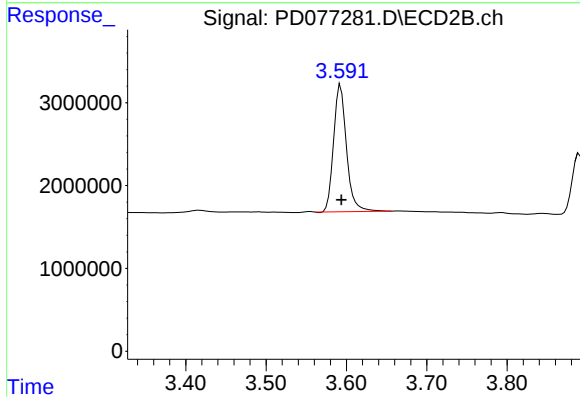
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 34835373  
Conc: 9.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

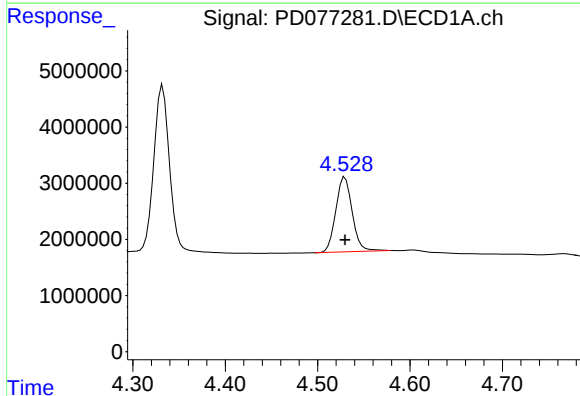
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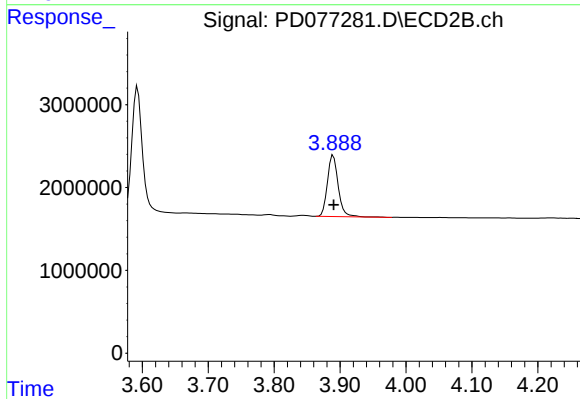
#3 gamma-BHC (Lindane)

R.T.: 3.593 min  
Delta R.T.: 0.000 min  
Response: 17175420  
Conc: 9.23 ng/ml



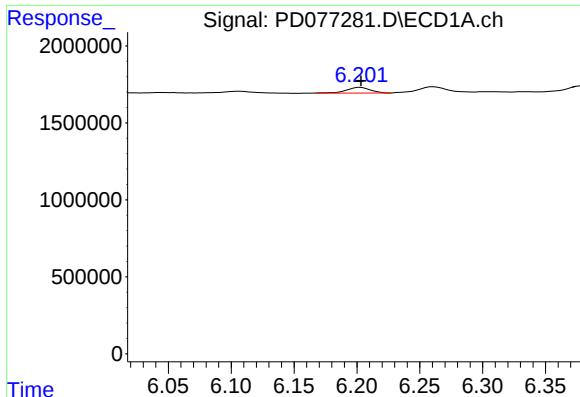
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 16542870  
Conc: 10.99 ng/ml



#6 beta-BHC

R.T.: 3.890 min  
Delta R.T.: 0.000 min  
Response: 8439455  
Conc: 11.06 ng/ml



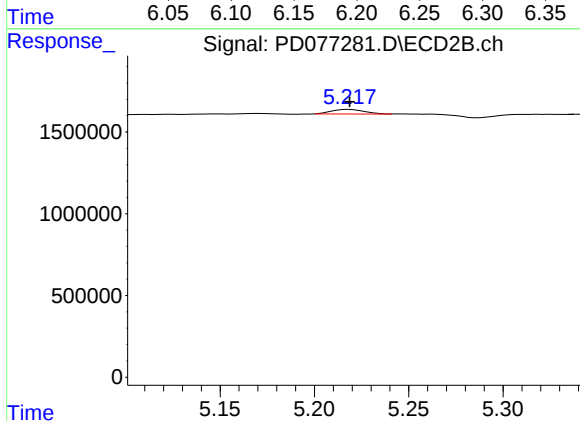
#12 4,4'-DDE

R.T.: 6.203 min  
Delta R.T.: 0.000 min  
Response: 478599  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

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#12 4,4'-DDE

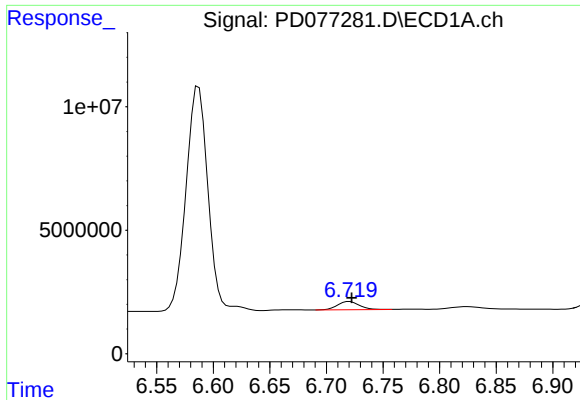
R.T.: 5.217 min  
Delta R.T.: -0.002 min  
Response: 341240  
Conc: 0.24 ng/ml m

#14 Endrin

R.T.: 6.587 min  
Delta R.T.: -0.001 min  
Response: 120774450  
Conc: 43.46 ng/ml

#14 Endrin

R.T.: 5.625 min  
Delta R.T.: -0.001 min  
Response: 65073908  
Conc: 44.47 ng/ml



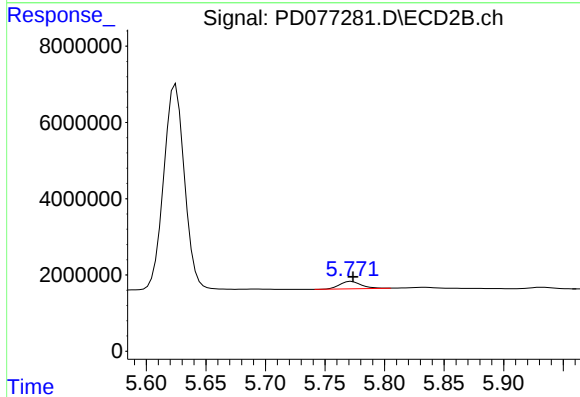
#16 4,4'-DDD

R.T.: 6.720 min  
Delta R.T.: -0.002 min  
Response: 4558745  
Conc: 1.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

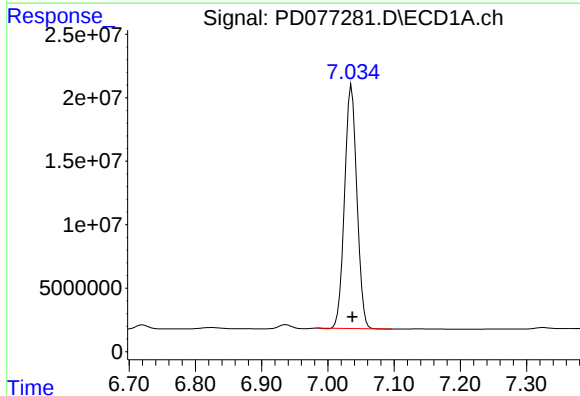
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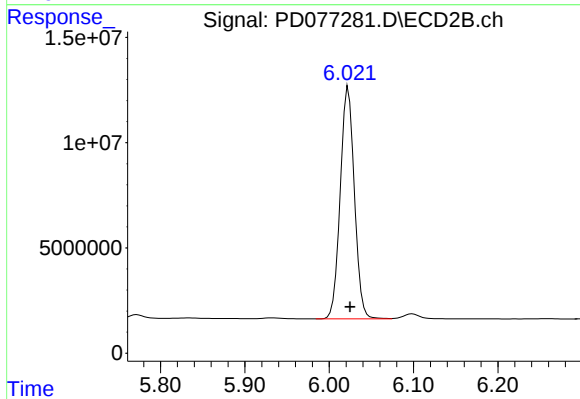
#16 4,4'-DDD

R.T.: 5.772 min  
Delta R.T.: -0.001 min  
Response: 2455347  
Conc: 2.21 ng/ml



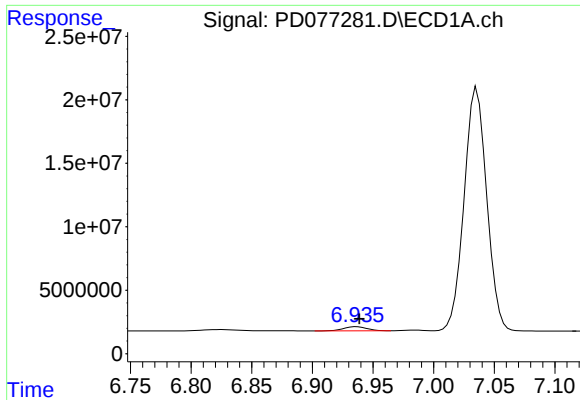
#17 4,4'-DDT

R.T.: 7.036 min  
Delta R.T.: -0.001 min  
Response: 247681987  
Conc: 101.86 ng/ml



#17 4,4'-DDT

R.T.: 6.023 min  
Delta R.T.: -0.002 min  
Response: 128599477  
Conc: 115.69 ng/ml



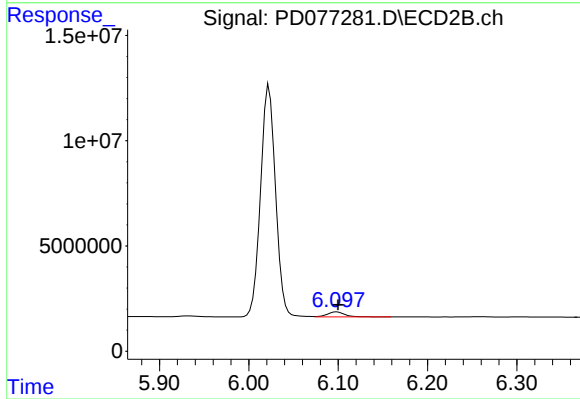
#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: -0.002 min  
Response: 4326524  
Conc: 1.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

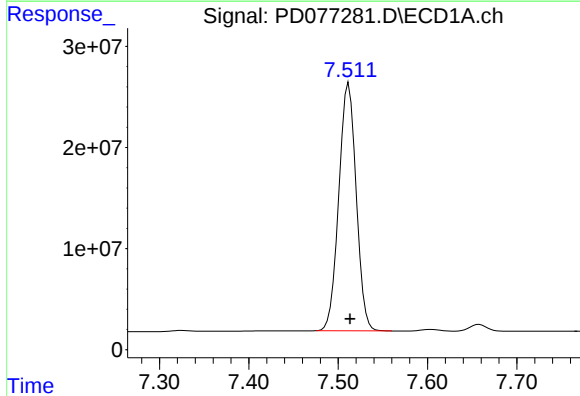
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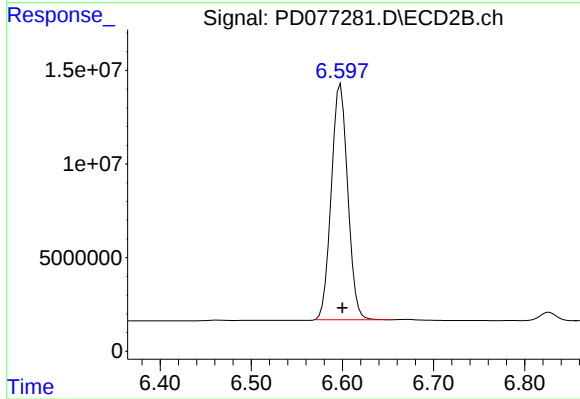
#18 Endrin aldehyde

R.T.: 6.098 min  
Delta R.T.: -0.001 min  
Response: 3306669  
Conc: 2.90 ng/ml



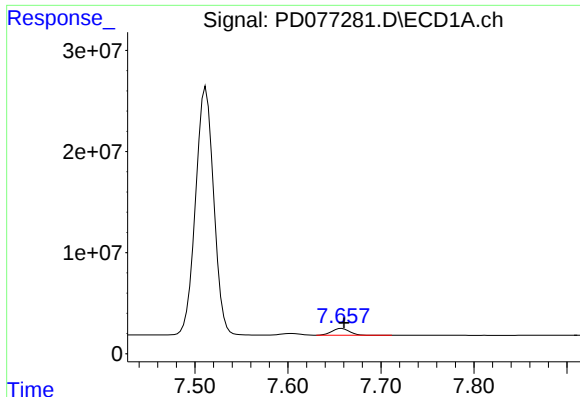
#20 Methoxychlor

R.T.: 7.512 min  
Delta R.T.: -0.001 min  
Response: 331311451  
Conc: 233.83 ng/ml



#20 Methoxychlor

R.T.: 6.598 min  
Delta R.T.: -0.002 min  
Response: 157655338  
Conc: 263.66 ng/ml



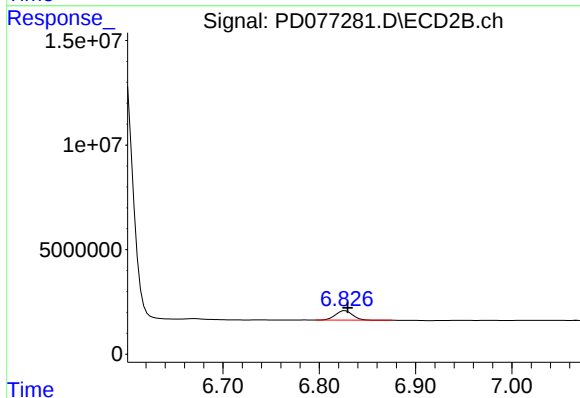
#21 Endrin ketone

R.T.: 7.658 min  
Delta R.T.: -0.002 min  
Response: 8977161  
Conc: 2.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

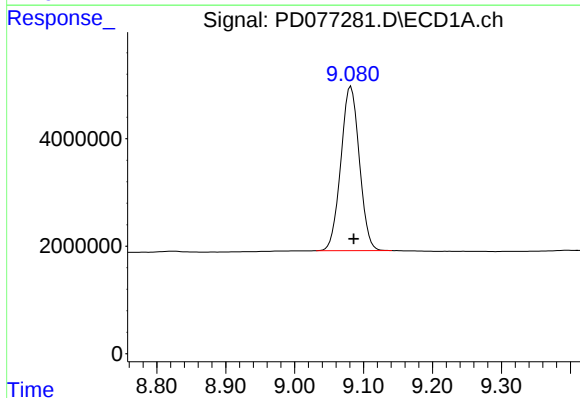
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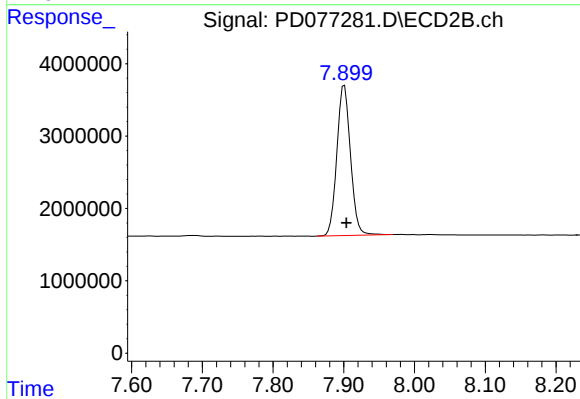
#21 Endrin ketone

R.T.: 6.827 min  
Delta R.T.: -0.003 min  
Response: 5615930  
Conc: 3.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min  
Delta R.T.: -0.004 min  
Response: 57094964  
Conc: 20.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.901 min  
Delta R.T.: -0.003 min  
Response: 27815974  
Conc: 19.44 ng/ml