

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031121\  
 Data File : PD061525.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2021 09:15  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 07:32:08 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 11 04:34:41 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 3.487 | 3.982 | 18404858 | 186.5E6  | 22.961  | 22.348  |
| 28)                         | SA Decachlor... | 8.258 | 9.037 | 27416712 | 192.7E6  | 22.735  | 22.329  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.926 | 4.370 | 12969350 | 141.9E6  | 10.524  | 10.947  |
| 3)                          | MA gamma-BHC... | 4.211 | 4.654 | 12870033 | 137.2E6  | 10.934  | 11.306  |
| 6)                          | B beta-BHC      | 4.461 | 4.823 | 7535422  | 58352126 | 14.252  | 11.965  |
| 12)                         | B 4,4'-DDE      | 5.656 | 6.314 | 387772   | 6645667  | 0.353m  | 0.598 # |
| 14)                         | MA Endrin       | 6.051 | 6.683 | 52258999 | 453.9E6  | 49.482  | 48.424  |
| 16)                         | A 4,4'-DDD      | 6.175 | 6.804 | 2210889  | 26416126 | 2.379   | 2.950   |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.103 | 109.6E6  | 933.9E6  | 110.200 | 100.965 |
| 18)                         | B Endrin al...  | 6.492 | 7.015 | 2780020  | 18613585 | 3.366   | 2.591   |
| 20)                         | A Methoxychlor  | 6.963 | 7.560 | 140.4E6  | 1068.3E6 | 249.055 | 230.916 |
| 21)                         | B Endrin ke...  | 7.199 | 7.709 | 6117705  | 39209212 | 4.951   | 4.250   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031121\  
Data File : PD061525.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2021 09:15  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

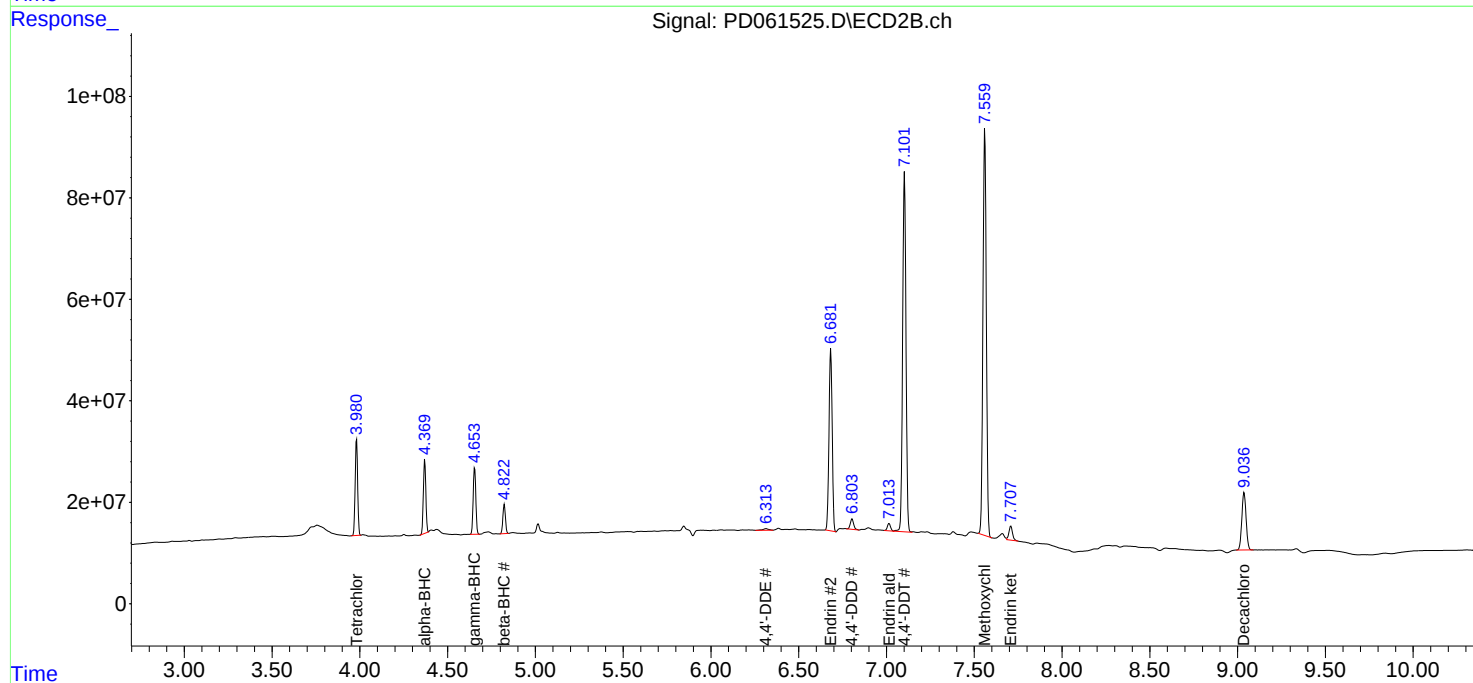
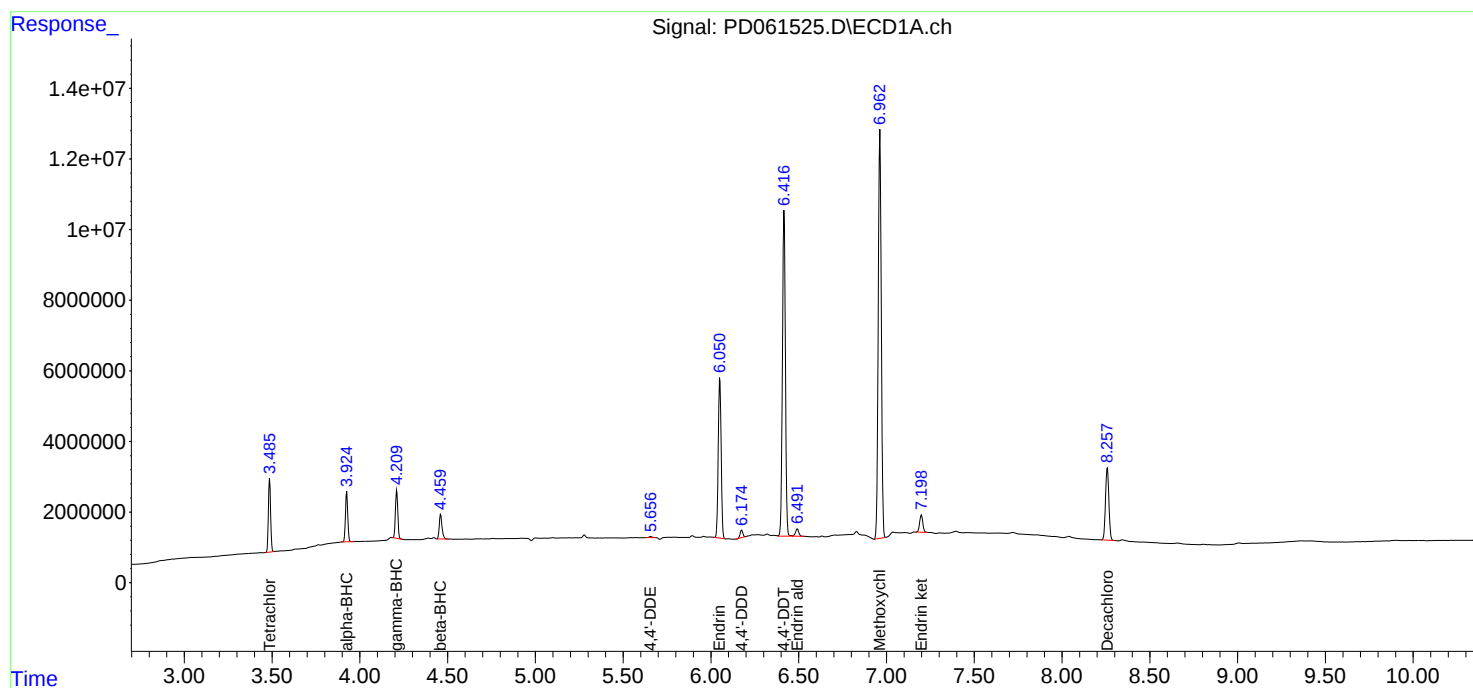
Instrument :  
ECD\_D  
ClientSampled :  
PEM

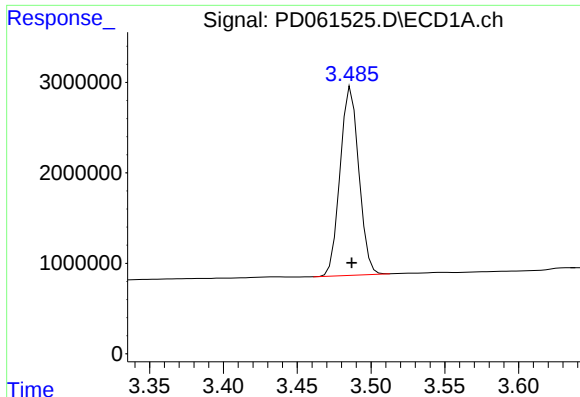
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 07:32:08 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 11 04:34:41 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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





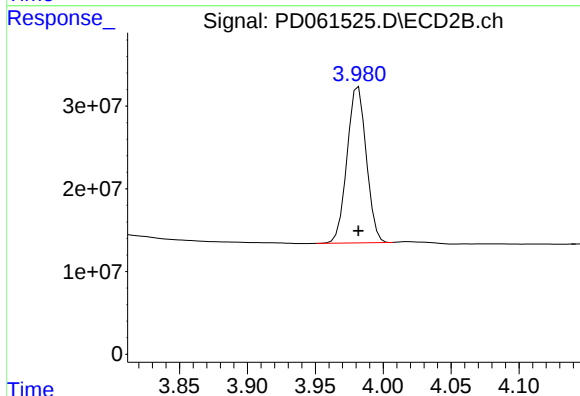
#1 Tetrachloro-m-xylene

R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 18404858  
Conc: 22.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

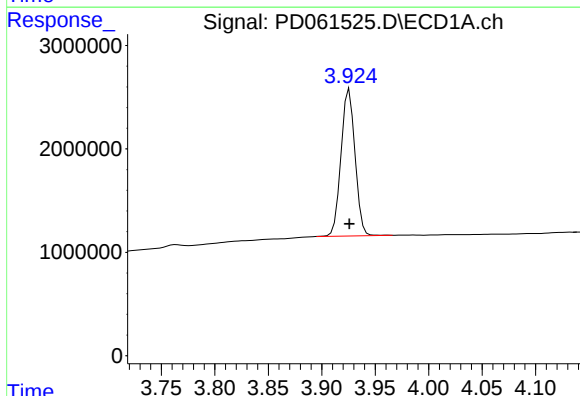
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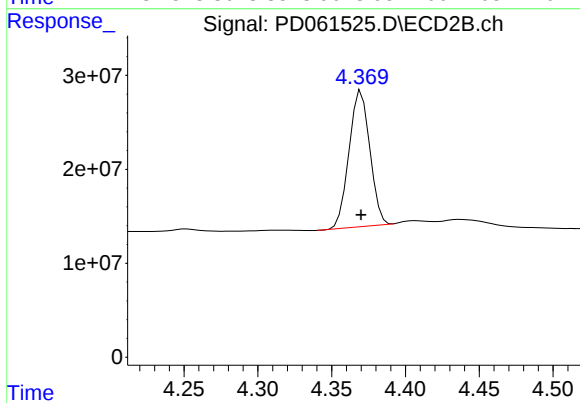
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 186452971  
Conc: 22.35 ng/ml



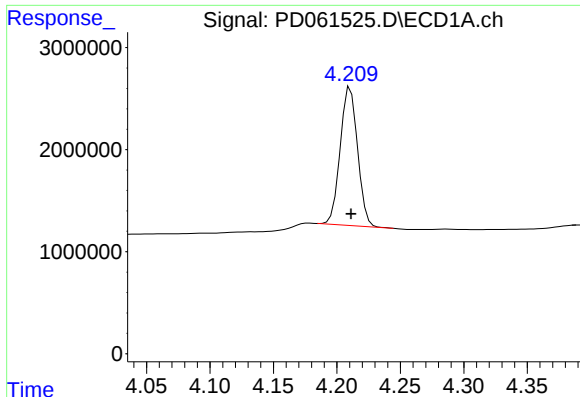
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 12969350  
Conc: 10.52 ng/ml



#2 alpha-BHC

R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 141890169  
Conc: 10.95 ng/ml



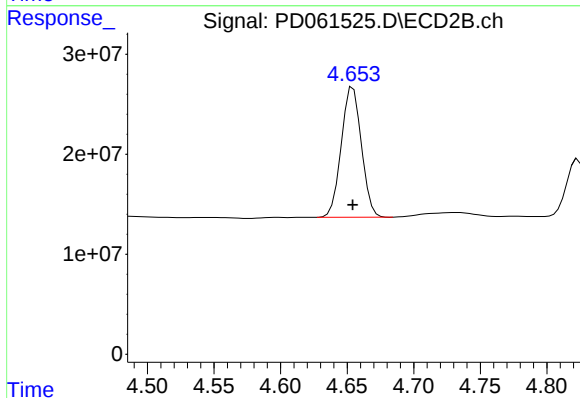
#3 gamma-BHC (Lindane)

R.T.: 4.211 min  
Delta R.T.: 0.000 min  
Response: 12870033  
Conc: 10.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

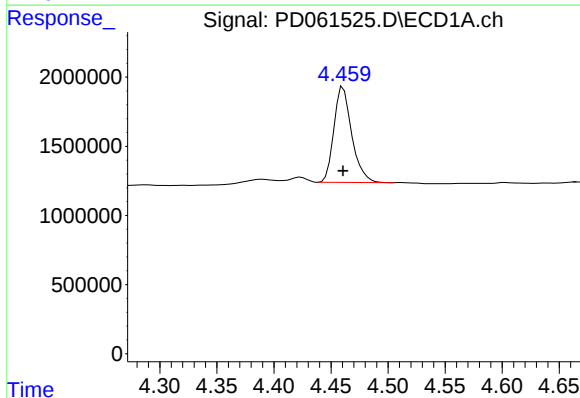
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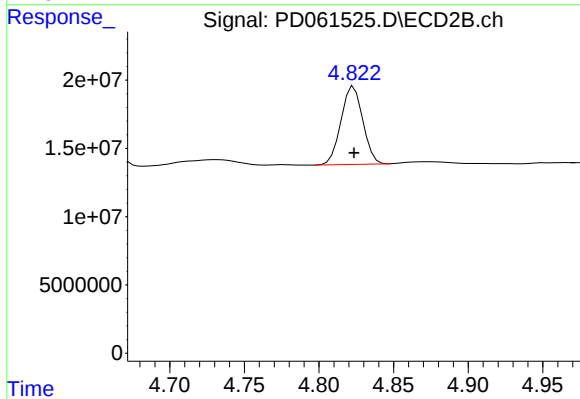
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 137169879  
Conc: 11.31 ng/ml



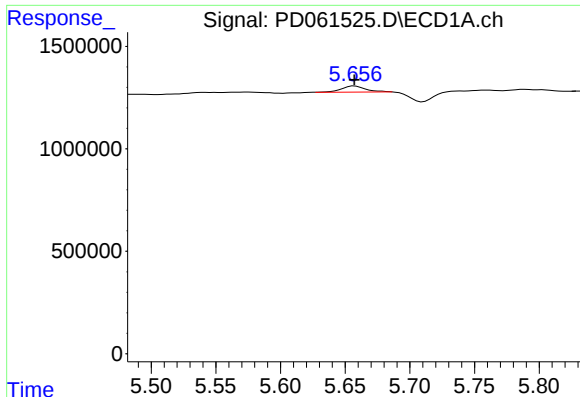
#6 beta-BHC

R.T.: 4.461 min  
Delta R.T.: 0.000 min  
Response: 7535422  
Conc: 14.25 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 58352126  
Conc: 11.97 ng/ml



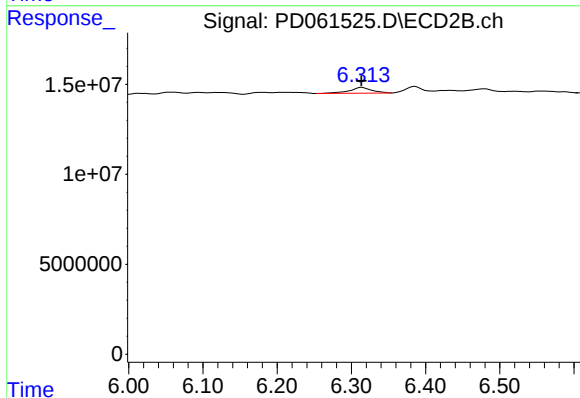
#12 4,4'-DDE

R.T.: 5.656 min  
Delta R.T.: -0.001 min  
Response: 387772  
Conc: 0.35 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

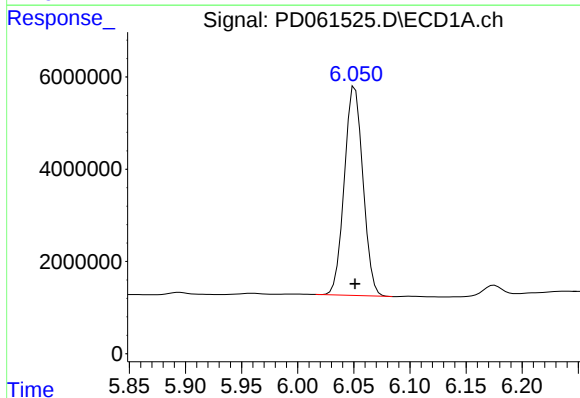
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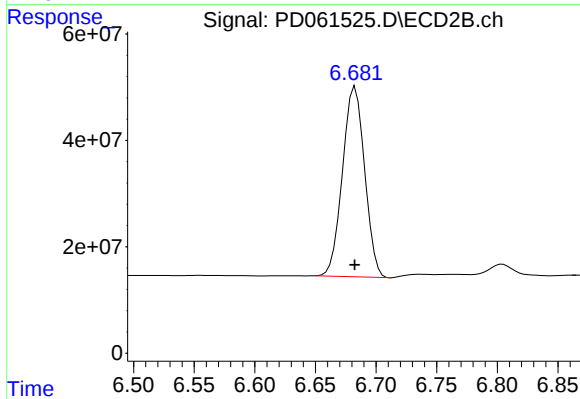
#12 4,4'-DDE

R.T.: 6.314 min  
Delta R.T.: 0.000 min  
Response: 6645667  
Conc: 0.60 ng/ml



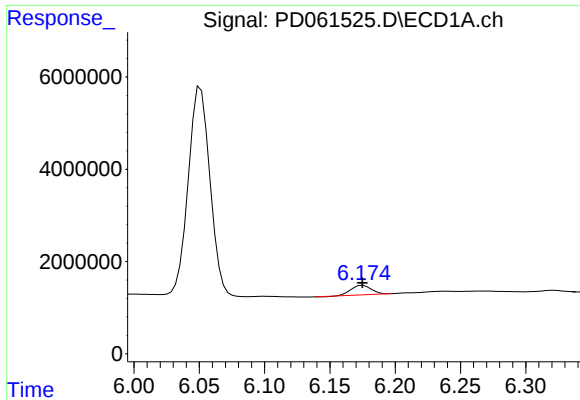
#14 Endrin

R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 52258999  
Conc: 49.48 ng/ml



#14 Endrin

R.T.: 6.683 min  
Delta R.T.: 0.000 min  
Response: 453939354  
Conc: 48.42 ng/ml



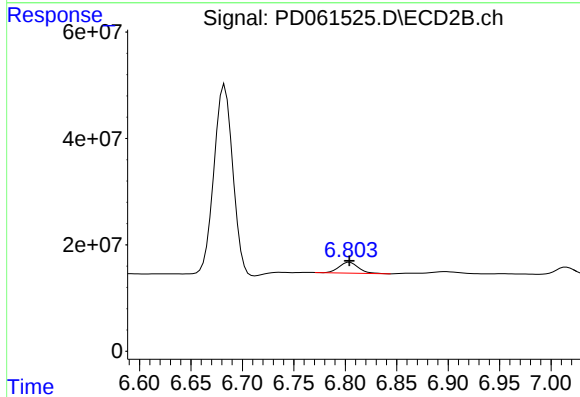
#16 4,4'-DDD

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 2210889  
Conc: 2.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

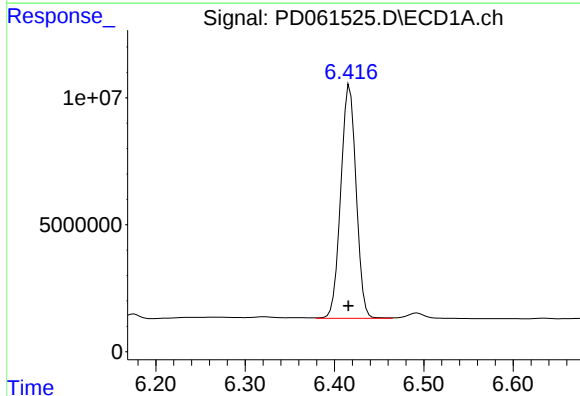
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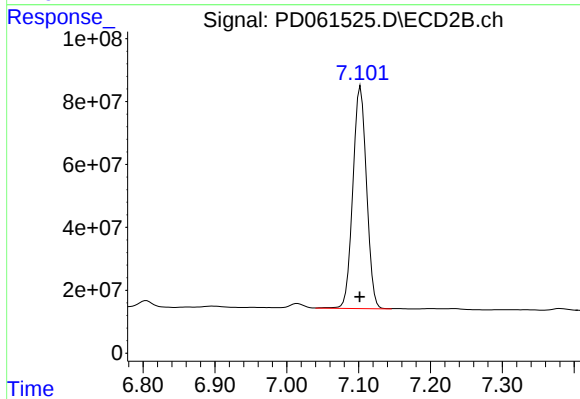
#16 4,4'-DDD

R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 26416126  
Conc: 2.95 ng/ml



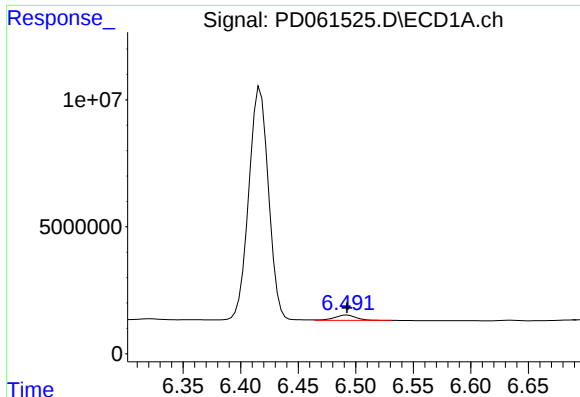
#17 4,4'-DDT

R.T.: 6.417 min  
Delta R.T.: 0.001 min  
Response: 109577240  
Conc: 110.20 ng/ml



#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: 0.001 min  
Response: 933853805  
Conc: 100.97 ng/ml



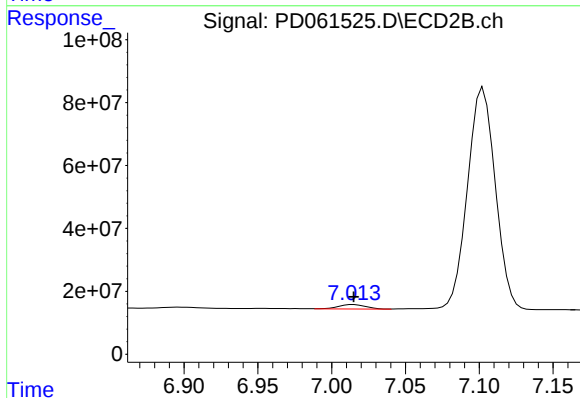
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 2780020  
Conc: 3.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

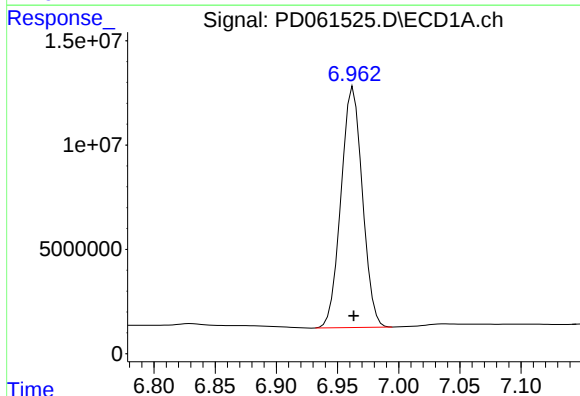
Manual Integrations  
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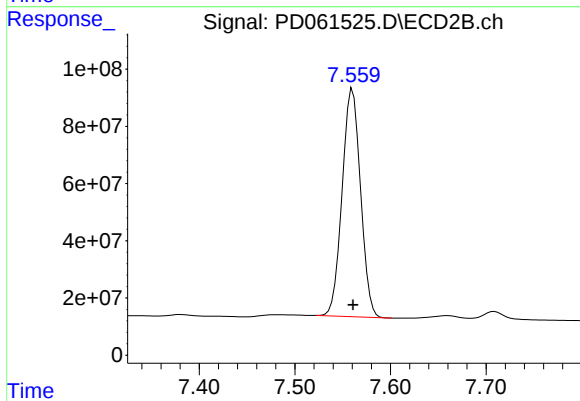
#18 Endrin aldehyde

R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 18613585  
Conc: 2.59 ng/ml



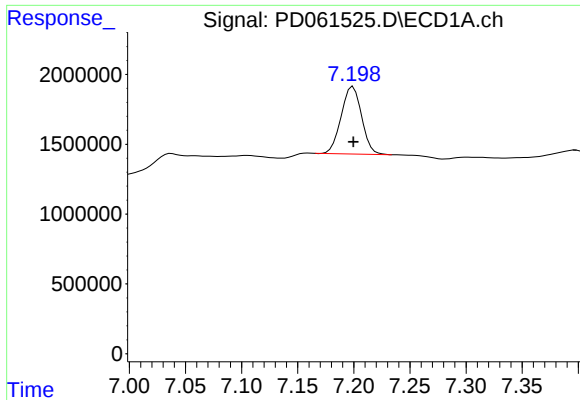
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 140388648  
Conc: 249.06 ng/ml



#20 Methoxychlor

R.T.: 7.560 min  
Delta R.T.: 0.000 min  
Response: 1068314086  
Conc: 230.92 ng/ml



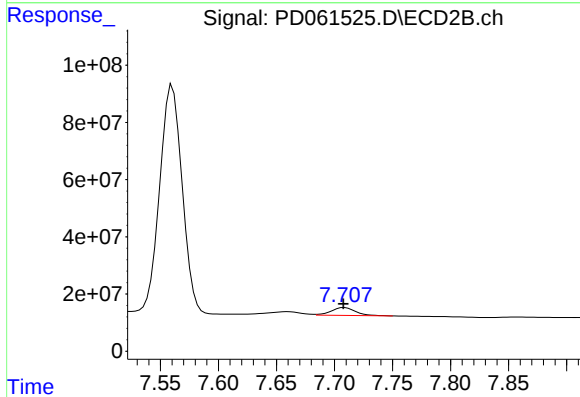
#21 Endrin ketone

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 6117705  
Conc: 4.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

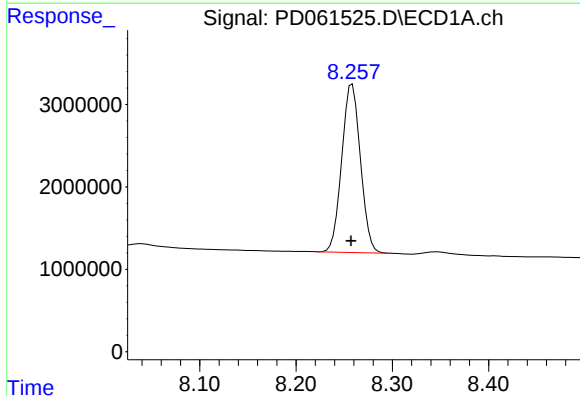
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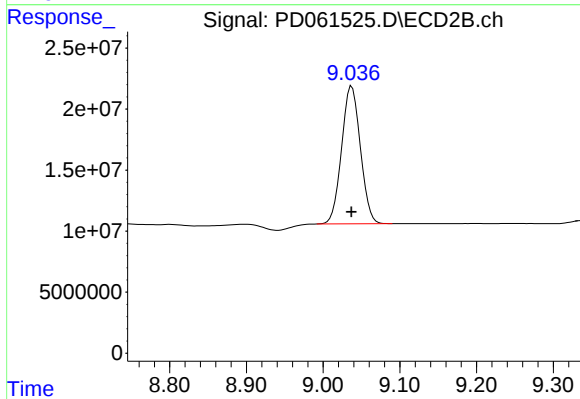
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 39209212  
Conc: 4.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.258 min  
Delta R.T.: 0.001 min  
Response: 27416712  
Conc: 22.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: 0.000 min  
Response: 192654407  
Conc: 22.33 ng/ml