

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
 Data File : PD065873.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2021 23:44  
 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: Sep 25 05:18:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 23 12:18:33 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... | 3.493 | 4.011 | 18284695 | 147.7E6  | 24.691  | 25.729  |
| 28)                         | SA Decachlor... | 8.235 | 9.083 | 26438534 | 83715099 | 19.355  | 21.631  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.932 | 4.406 | 12772961 | 106.5E6  | 11.373  | 12.665  |
| 3)                          | MA gamma-BHC... | 4.216 | 4.693 | 13113354 | 99353553 | 11.694  | 12.860  |
| 6)                          | B beta-BHC      | 4.465 | 4.869 | 8953469  | 51280051 | 15.684  | 13.875  |
| 12)                         | B 4,4'-DDE      | 5.647 | 6.354 | 335886   | 2024845  | 0.309m  | 0.351   |
| 14)                         | MA Endrin       | 6.042 | 6.726 | 55577816 | 247.0E6  | 52.524  | 50.107  |
| 16)                         | A 4,4'-DDD      | 6.164 | 6.849 | 3776948  | 21144827 | 3.850   | 4.302   |
| 17)                         | MA 4,4'-DDT     | 6.404 | 7.146 | 111.8E6  | 467.7E6  | 101.573 | 92.598  |
| 18)                         | B Endrin al...  | 6.482 | 7.063 | 1525614  | 4549795  | 1.721   | 1.162 # |
| 20)                         | A Methoxychlor  | 6.950 | 7.606 | 157.7E6  | 544.4E6  | 230.775 | 206.863 |
| 21)                         | B Endrin ke...  | 7.187 | 7.760 | 6411321  | 22343544 | 4.551   | 3.918   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
Data File : PD065873.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2021 23:44  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

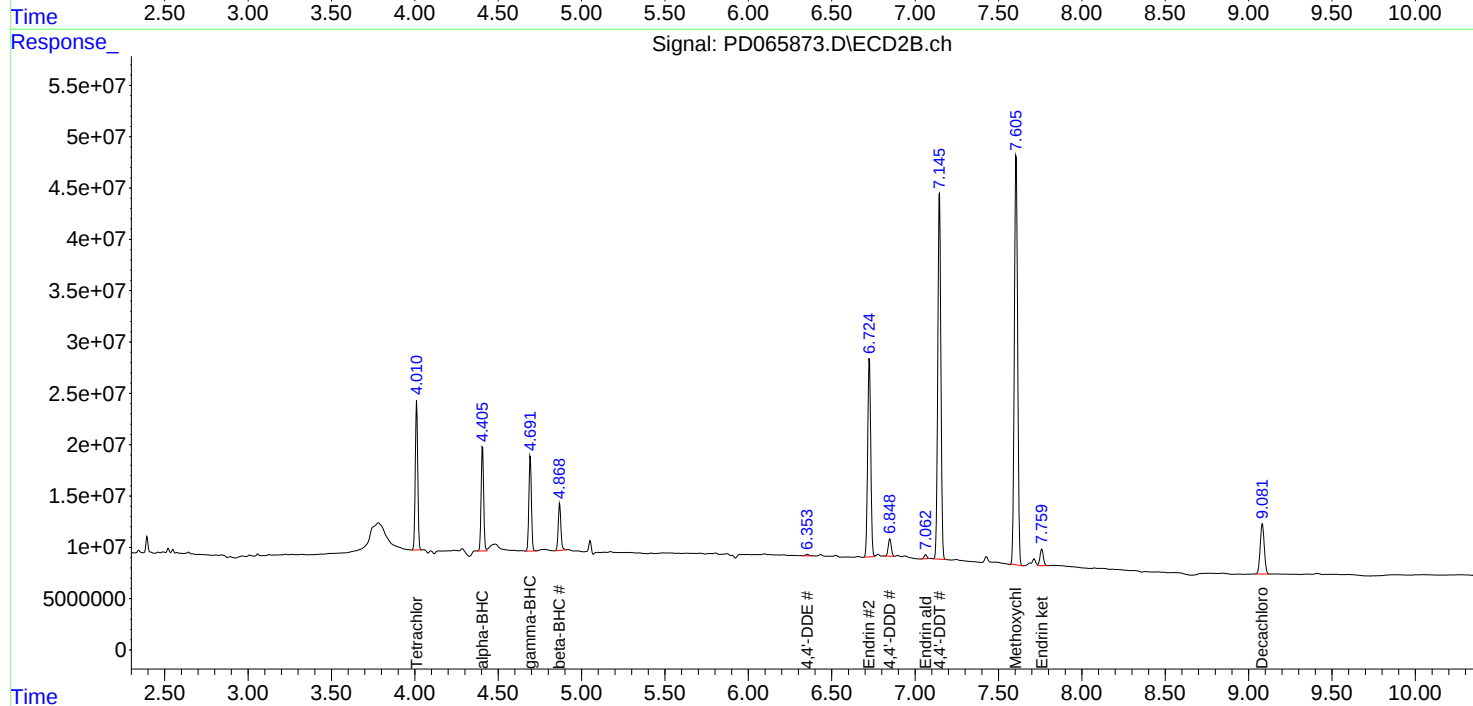
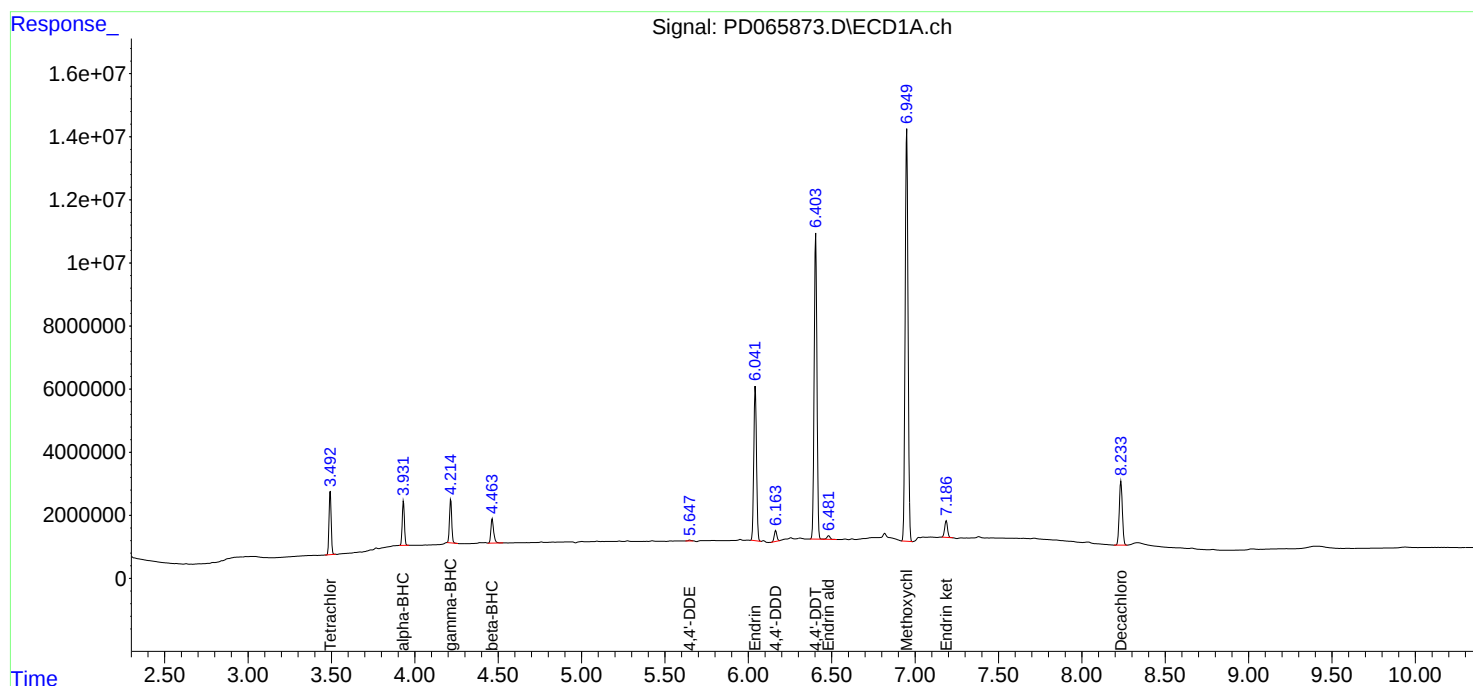
Instrument :  
ECD\_D  
ClientSampled :  
PEM

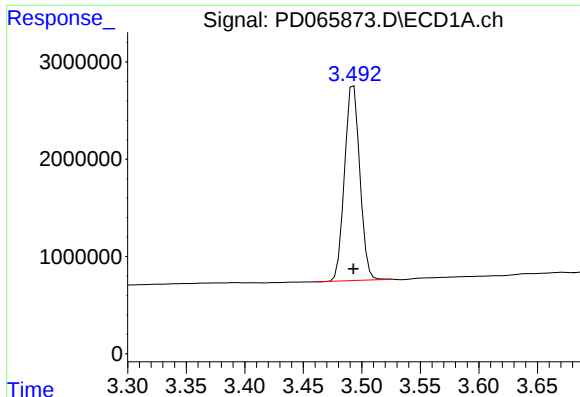
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 05:18:51 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
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QLast Update : Thu Sep 23 12:18:33 2021  
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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





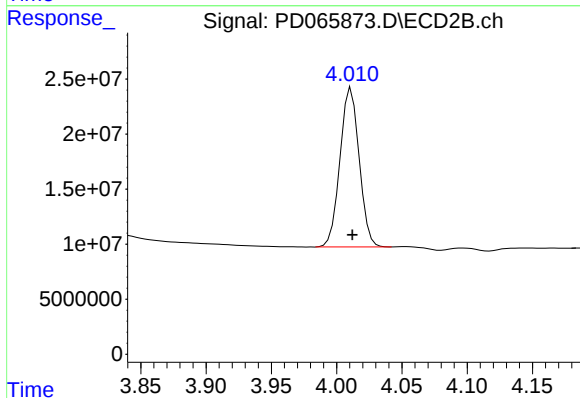
#1 Tetrachloro-m-xylene

R.T.: 3.493 min  
Delta R.T.: 0.000 min  
Response: 18284695  
Conc: 24.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

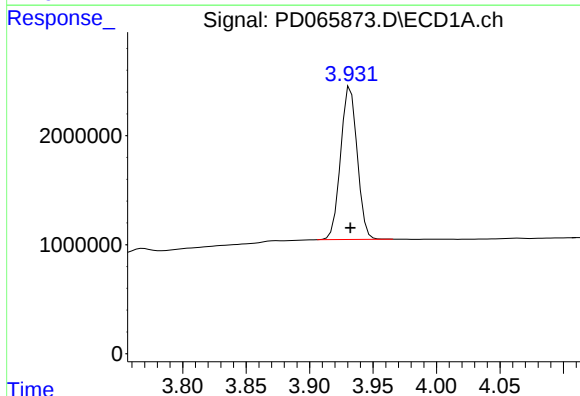
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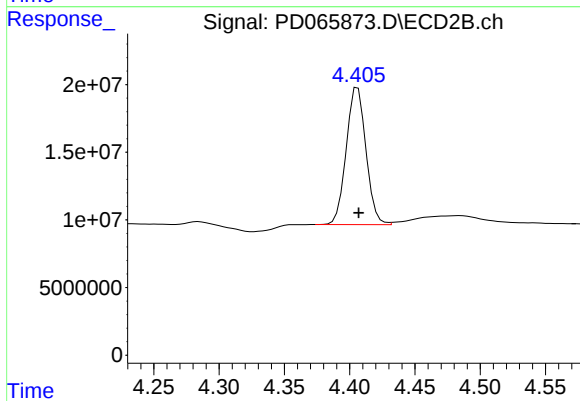
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: 0.000 min  
Response: 147741771  
Conc: 25.73 ng/ml



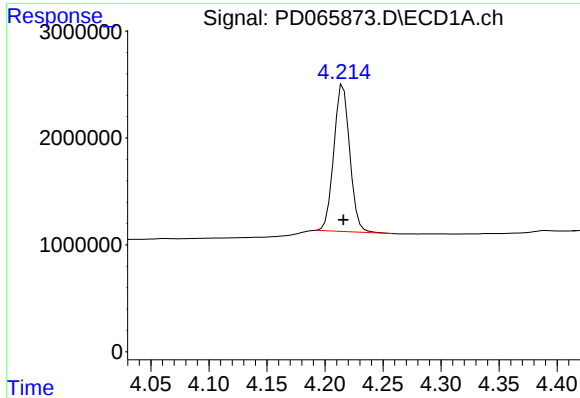
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: 0.000 min  
Response: 12772961  
Conc: 11.37 ng/ml



#2 alpha-BHC

R.T.: 4.406 min  
Delta R.T.: 0.000 min  
Response: 106486519  
Conc: 12.66 ng/ml



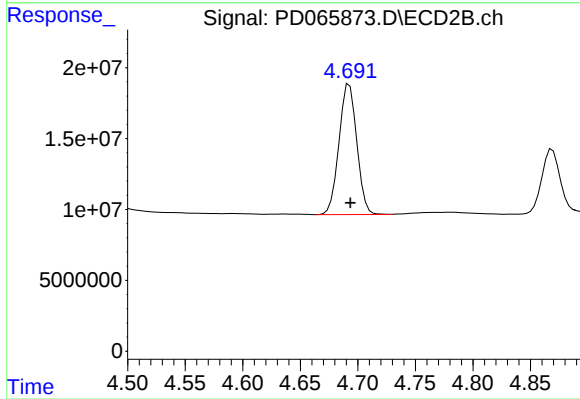
#3 gamma-BHC (Lindane)

R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 13113354  
Conc: 11.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

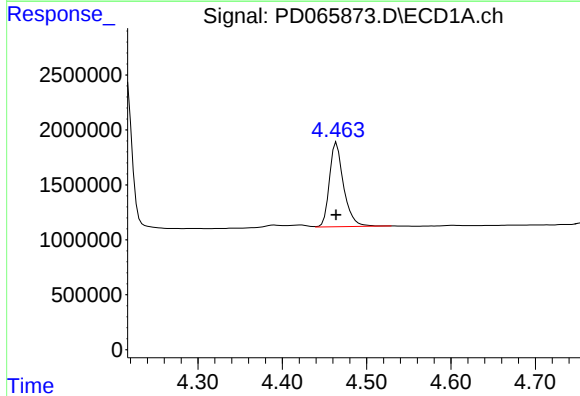
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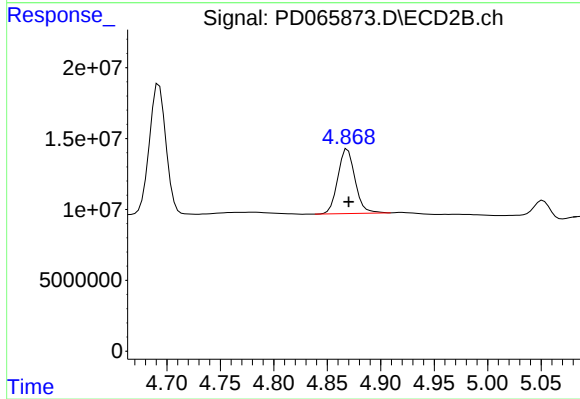
#3 gamma-BHC (Lindane)

R.T.: 4.693 min  
Delta R.T.: -0.001 min  
Response: 99353553  
Conc: 12.86 ng/ml



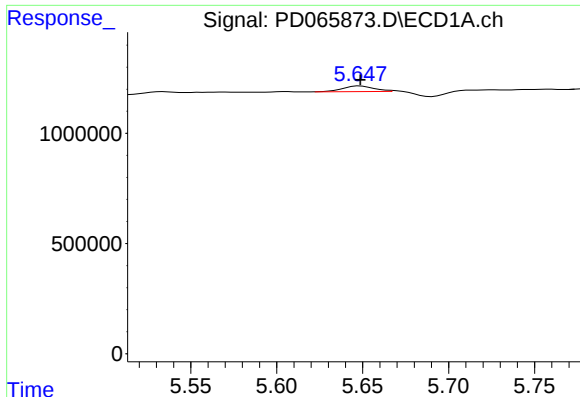
#6 beta-BHC

R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 8953469  
Conc: 15.68 ng/ml



#6 beta-BHC

R.T.: 4.869 min  
Delta R.T.: -0.001 min  
Response: 51280051  
Conc: 13.88 ng/ml



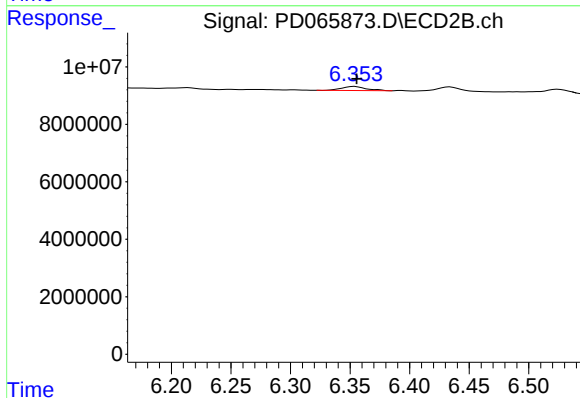
#12 4,4'-DDE

R.T.: 5.647 min  
Delta R.T.: -0.002 min  
Response: 335886  
Conc: 0.31 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

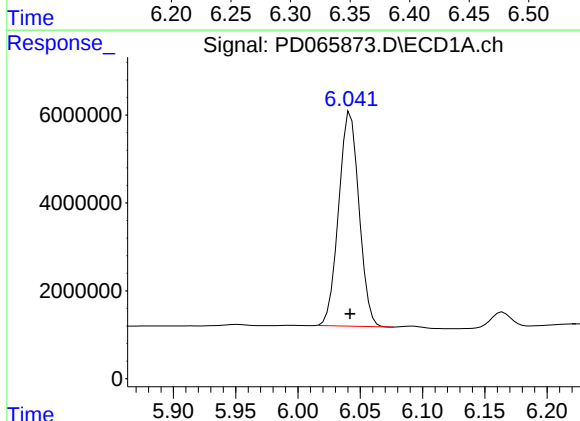
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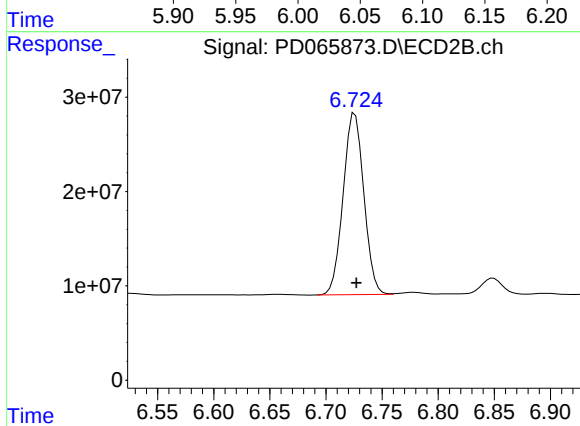
#12 4,4'-DDE

R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 2024845  
Conc: 0.35 ng/ml



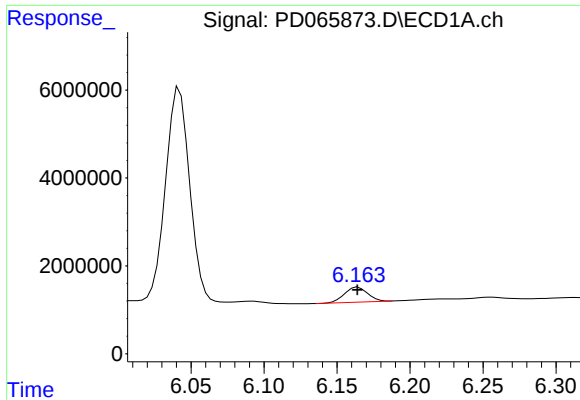
#14 Endrin

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 55577816  
Conc: 52.52 ng/ml



#14 Endrin

R.T.: 6.726 min  
Delta R.T.: -0.001 min  
Response: 247031834  
Conc: 50.11 ng/ml



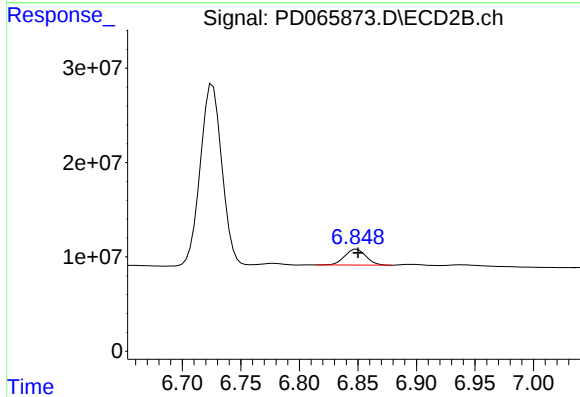
#16 4,4'-DDD

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 3776948  
Conc: 3.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

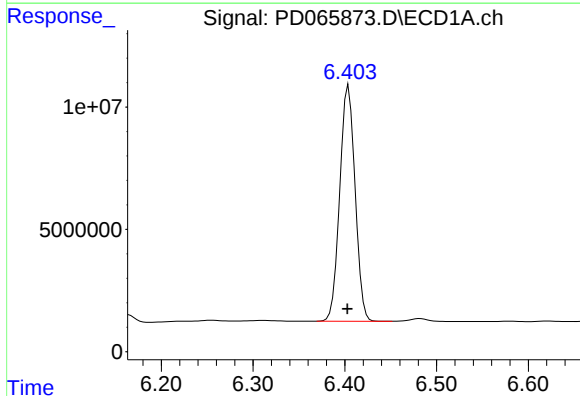
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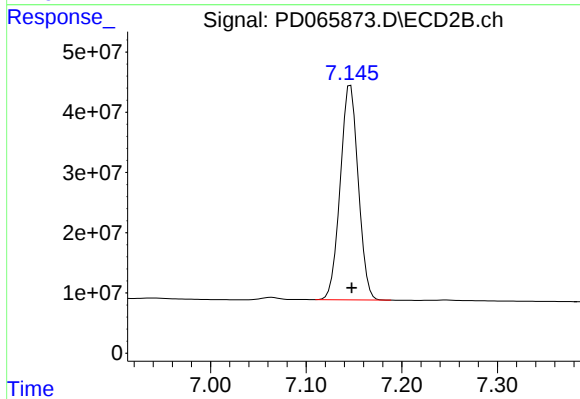
#16 4,4'-DDD

R.T.: 6.849 min  
Delta R.T.: -0.001 min  
Response: 21144827  
Conc: 4.30 ng/ml



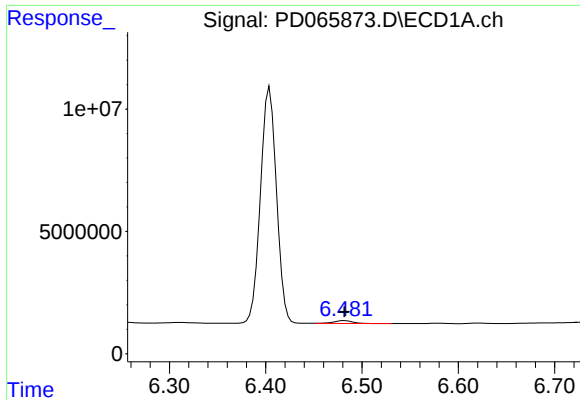
#17 4,4'-DDT

R.T.: 6.404 min  
Delta R.T.: 0.001 min  
Response: 111801583  
Conc: 101.57 ng/ml



#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.001 min  
Response: 467746472  
Conc: 92.60 ng/ml



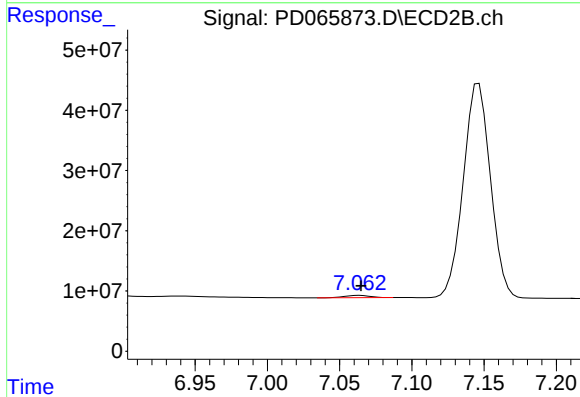
#18 Endrin aldehyde

R.T.: 6.482 min  
Delta R.T.: 0.000 min  
Response: 1525614  
Conc: 1.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

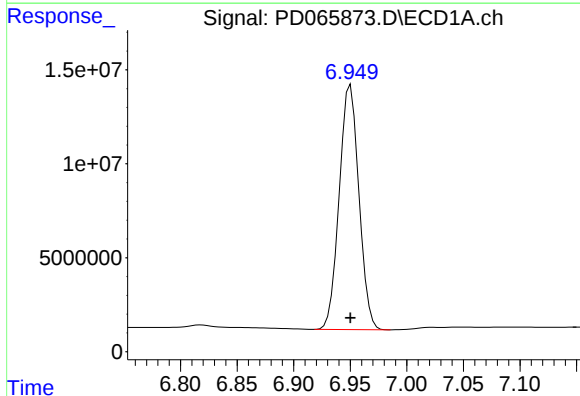
Manual Integrations  
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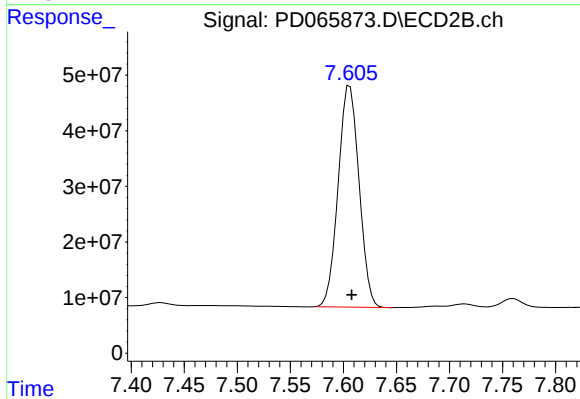
#18 Endrin aldehyde

R.T.: 7.063 min  
Delta R.T.: -0.002 min  
Response: 4549795  
Conc: 1.16 ng/ml



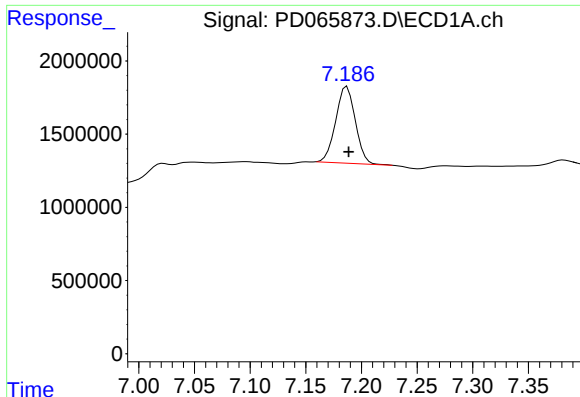
#20 Methoxychlor

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 157702386  
Conc: 230.77 ng/ml



#20 Methoxychlor

R.T.: 7.606 min  
Delta R.T.: -0.002 min  
Response: 544384006  
Conc: 206.86 ng/ml



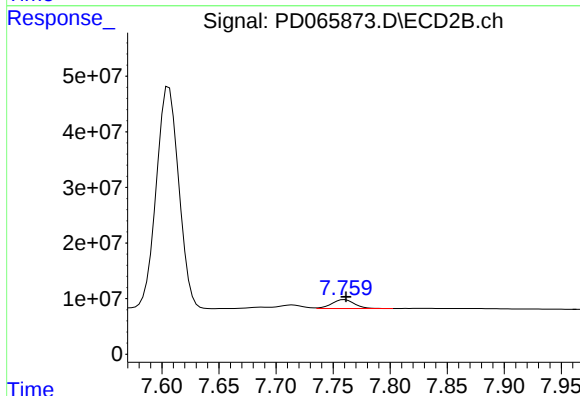
#21 Endrin ketone

R.T.: 7.187 min  
Delta R.T.: -0.002 min  
Response: 6411321  
Conc: 4.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

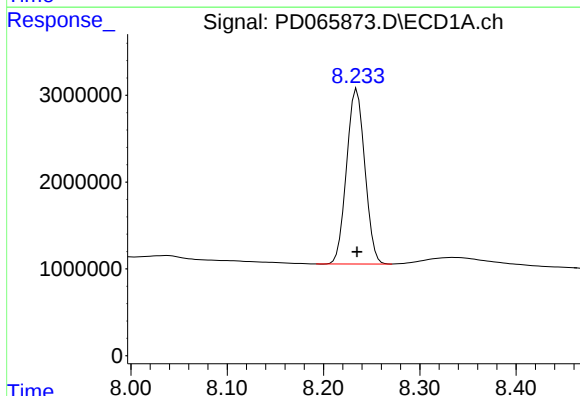
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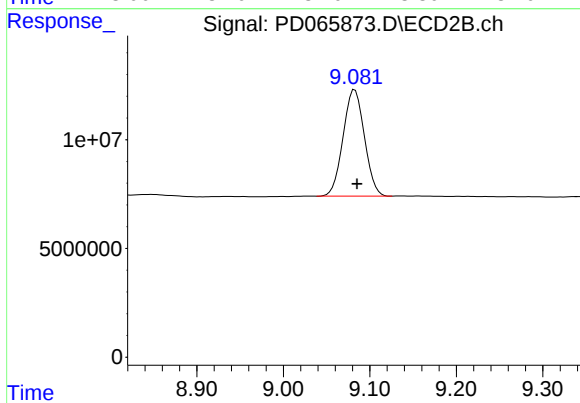
#21 Endrin ketone

R.T.: 7.760 min  
Delta R.T.: -0.001 min  
Response: 22343544  
Conc: 3.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.235 min  
Delta R.T.: 0.000 min  
Response: 26438534  
Conc: 19.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: -0.002 min  
Response: 83715099  
Conc: 21.63 ng/ml