

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031122\  
 Data File : PD068482.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2022 09:13  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/14/2022  
 Supervised By : Ankita Jodhani 03/14/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:10:23 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 01 06:48:49 2022  
 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 x 0.2 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... | 3.449 | 4.174 | 25975416 | 214.9E6  | 22.159  | 22.392  |
| 28)                         | SA Decachlor... | 8.210 | 9.370 | 28591891 | 130.9E6  | 24.570  | 22.078  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.888 | 4.570 | 18280512 | 159.9E6  | 10.653  | 11.657  |
| 3)                          | MA gamma-BHC... | 4.172 | 4.861 | 17150601 | 146.5E6  | 10.770  | 11.818  |
| 6)                          | B beta-BHC      | 4.422 | 5.024 | 8749914  | 68078556 | 12.470  | 12.594  |
| 12)                         | B 4,4'-DDE      | 5.612 | 6.550 | 557410   | 5339317  | 0.409m  | 0.546 # |
| 14)                         | MA Endrin       | 6.003 | 6.930 | 70511301 | 411.9E6  | 57.079  | 53.557  |
| 16)                         | A 4,4'-DDD      | 6.130 | 7.041 | 3722138  | 28401108 | 3.139m  | 3.609   |
| 17)                         | MA 4,4'-DDT     | 6.372 | 7.345 | 133.7E6  | 711.4E6  | 121.223 | 100.543 |
| 18)                         | B Endrin al...  | 6.446 | 7.260 | 1717755  | 11048116 | 1.874m  | 1.836   |
| 20)                         | A Methoxychlor  | 6.923 | 7.797 | 171.8E6  | 811.6E6  | 264.720 | 233.588 |
| 21)                         | B Endrin ke...  | 7.151 | 7.959 | 3703526  | 22524672 | 2.516m  | 2.683   |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PD068482.D  
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Acq On : 11 Mar 2022 09:13  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

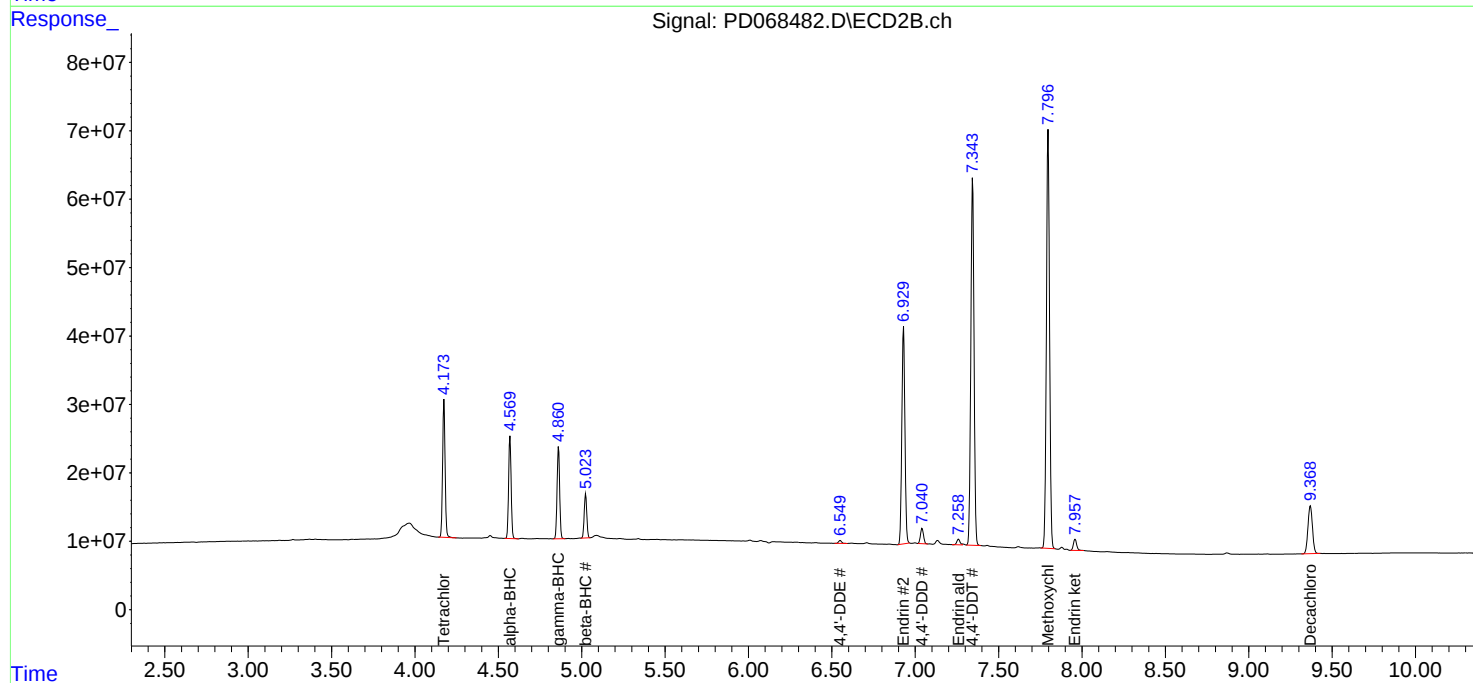
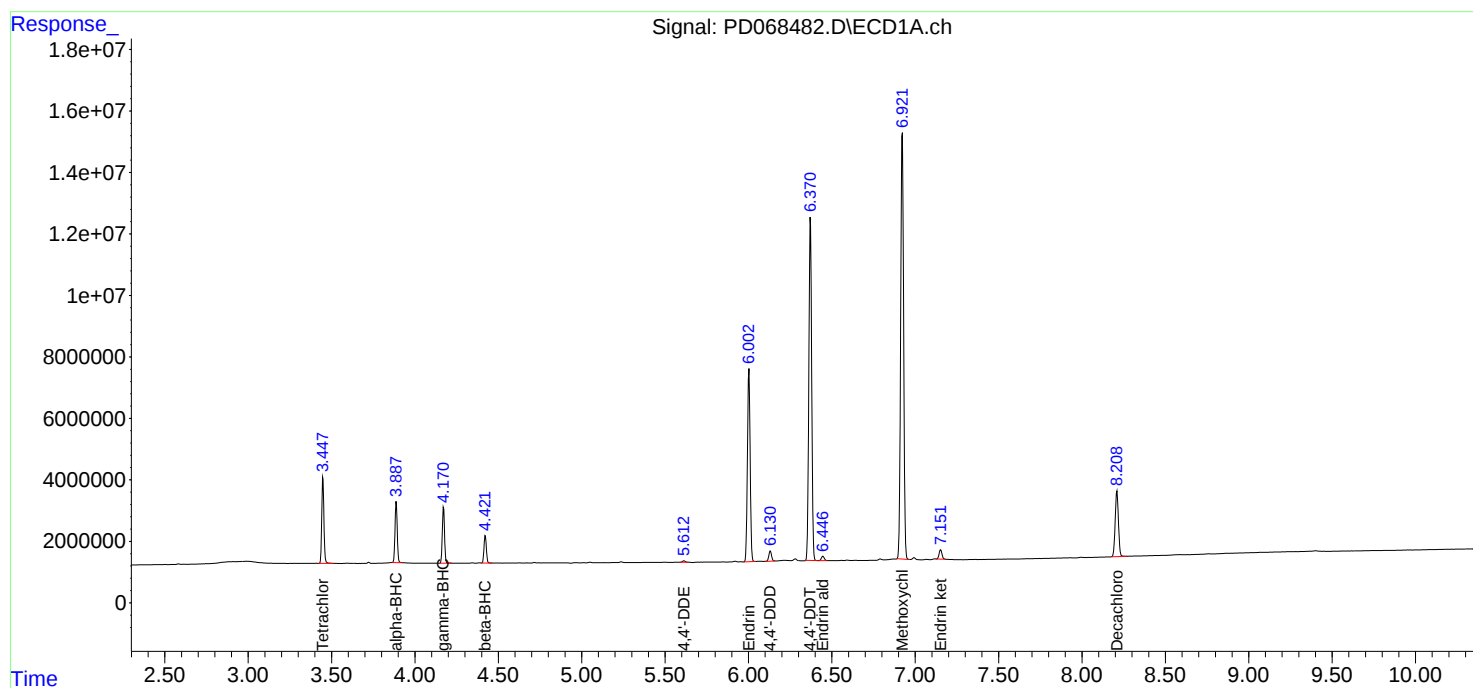
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

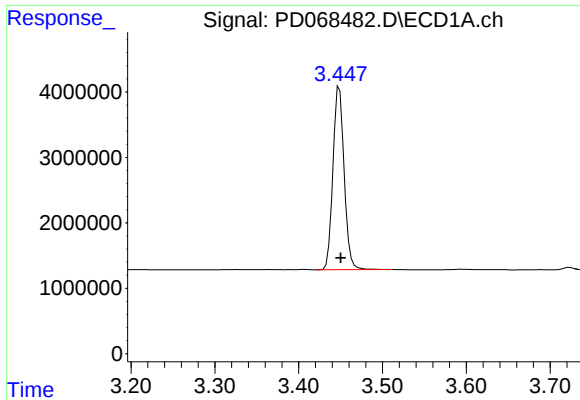
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
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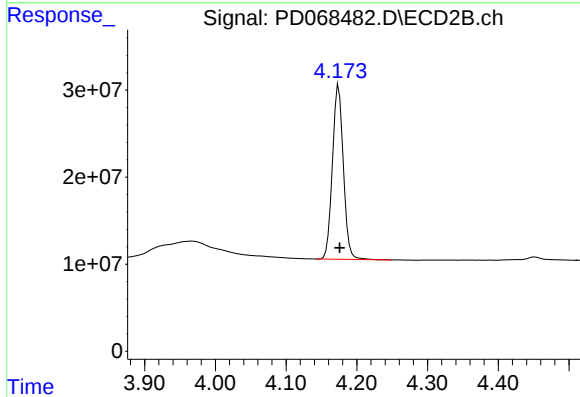
#1 Tetrachloro-m-xylene

R.T.: 3.449 min  
Delta R.T.: -0.001 min  
Response: 25975416  
Conc: 22.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

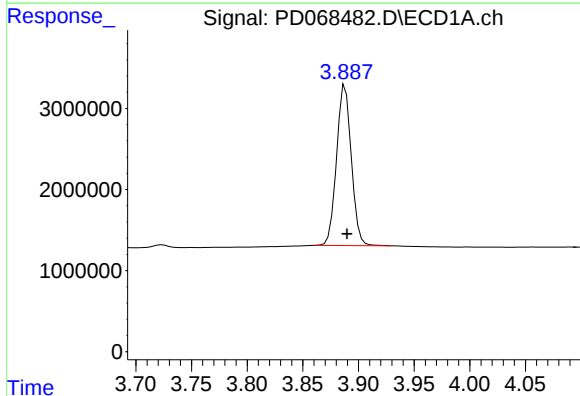
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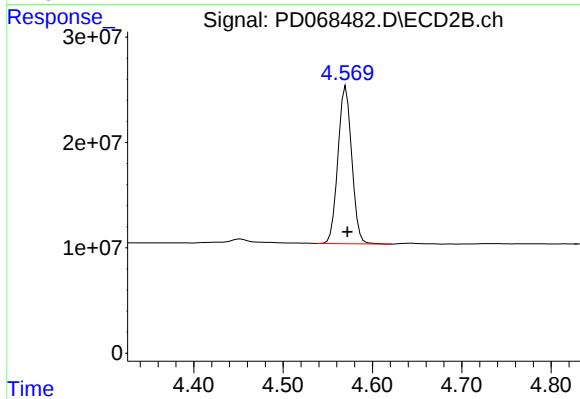
#1 Tetrachloro-m-xylene

R.T.: 4.174 min  
Delta R.T.: -0.002 min  
Response: 214920023  
Conc: 22.39 ng/ml



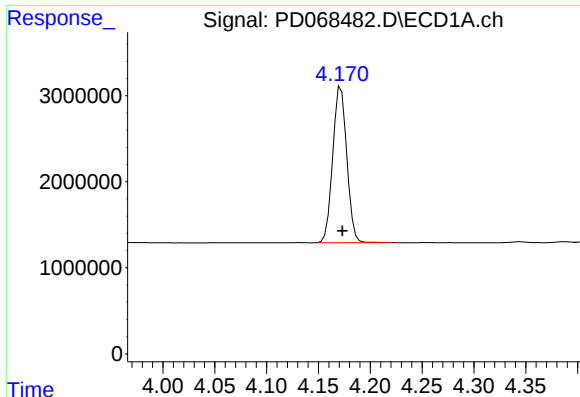
#2 alpha-BHC

R.T.: 3.888 min  
Delta R.T.: -0.001 min  
Response: 18280512  
Conc: 10.65 ng/ml



#2 alpha-BHC

R.T.: 4.570 min  
Delta R.T.: -0.002 min  
Response: 159948939  
Conc: 11.66 ng/ml



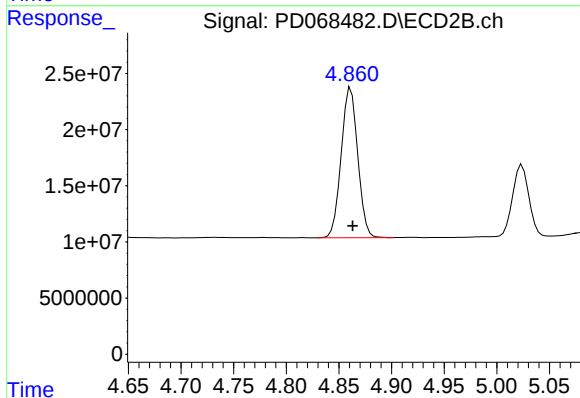
#3 gamma-BHC (Lindane)

R.T.: 4.172 min  
Delta R.T.: -0.001 min  
Response: 17150601  
Conc: 10.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

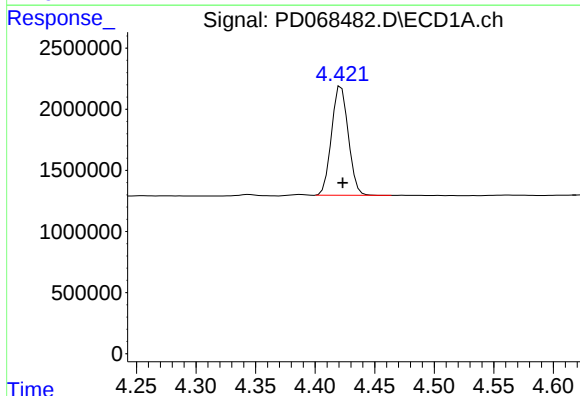
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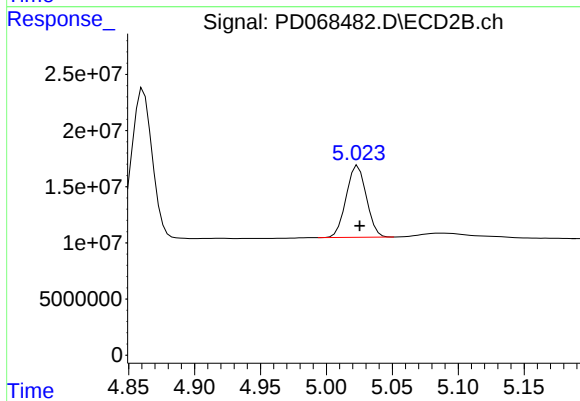
#3 gamma-BHC (Lindane)

R.T.: 4.861 min  
Delta R.T.: -0.002 min  
Response: 146538380  
Conc: 11.82 ng/ml



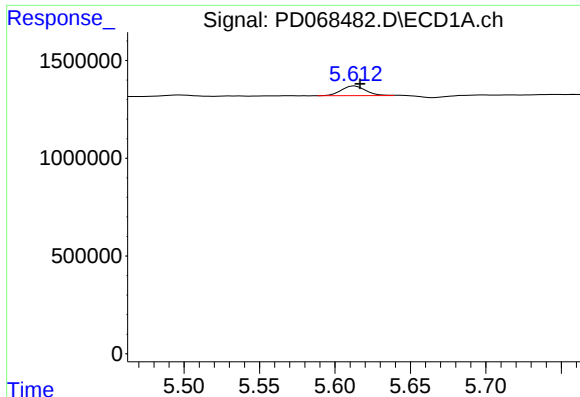
#6 beta-BHC

R.T.: 4.422 min  
Delta R.T.: -0.001 min  
Response: 8749914  
Conc: 12.47 ng/ml



#6 beta-BHC

R.T.: 5.024 min  
Delta R.T.: -0.001 min  
Response: 68078556  
Conc: 12.59 ng/ml



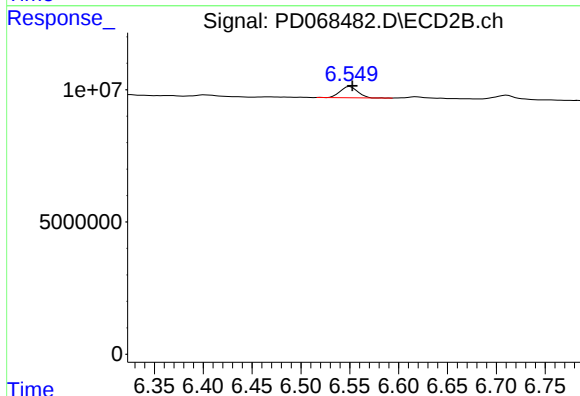
#12 4,4'-DDE

R.T.: 5.612 min  
Delta R.T.: -0.005 min  
Response: 557410  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

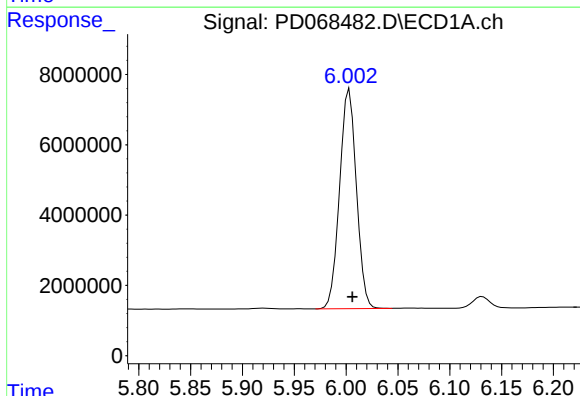
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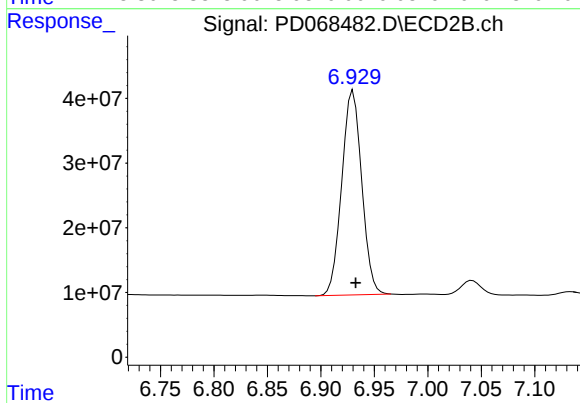
#12 4,4'-DDE

R.T.: 6.550 min  
Delta R.T.: -0.003 min  
Response: 5339317  
Conc: 0.55 ng/ml



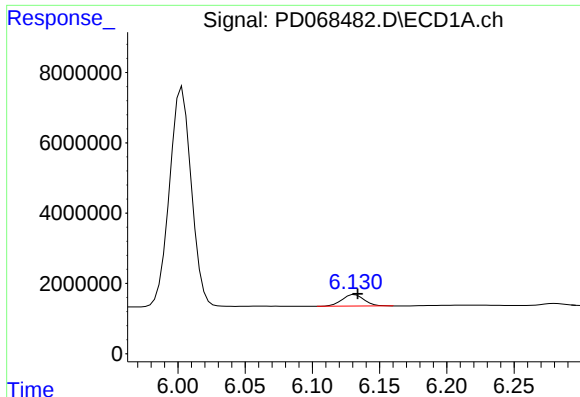
#14 Endrin

R.T.: 6.003 min  
Delta R.T.: -0.003 min  
Response: 70511301  
Conc: 57.08 ng/ml



#14 Endrin

R.T.: 6.930 min  
Delta R.T.: -0.003 min  
Response: 411879852  
Conc: 53.56 ng/ml



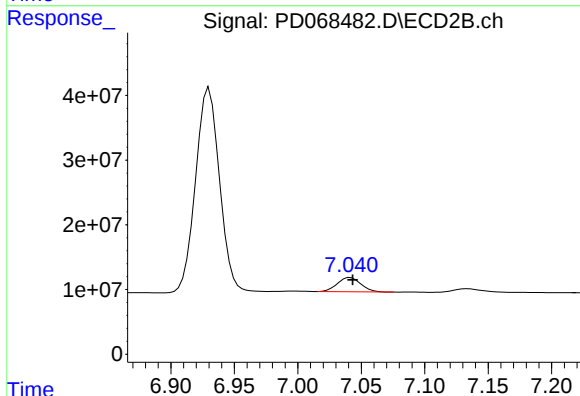
#16 4,4'-DDD

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 3722138  
Conc: 3.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

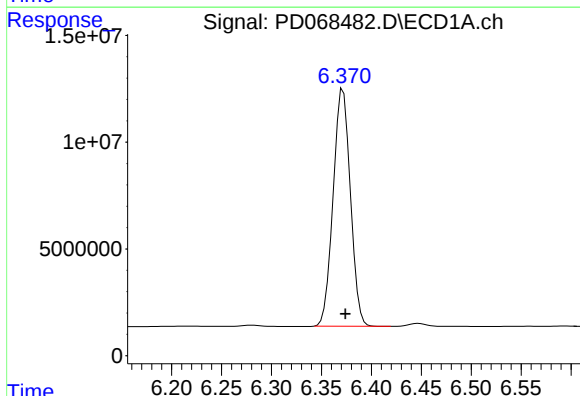
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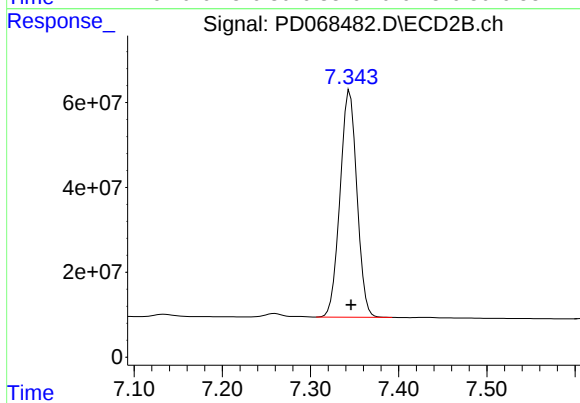
#16 4,4'-DDD

R.T.: 7.041 min  
Delta R.T.: -0.002 min  
Response: 28401108  
Conc: 3.61 ng/ml



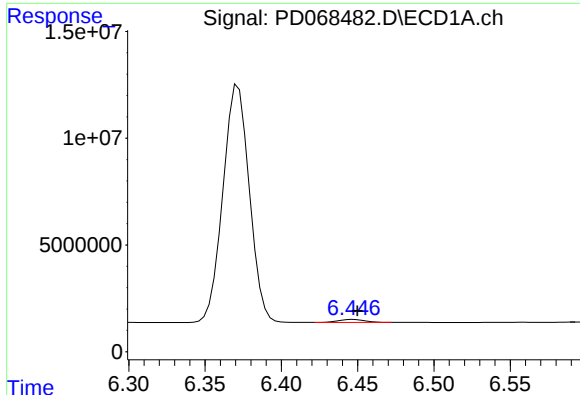
#17 4,4'-DDT

R.T.: 6.372 min  
Delta R.T.: -0.002 min  
Response: 133681012  
Conc: 121.22 ng/ml



#17 4,4'-DDT

R.T.: 7.345 min  
Delta R.T.: -0.001 min  
Response: 711389518  
Conc: 100.54 ng/ml



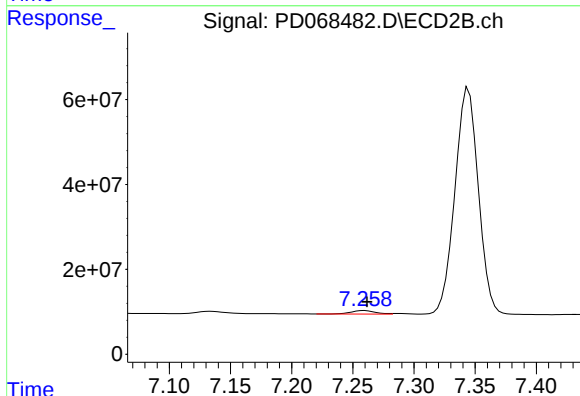
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: -0.004 min  
Response: 1717755  
Conc: 1.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

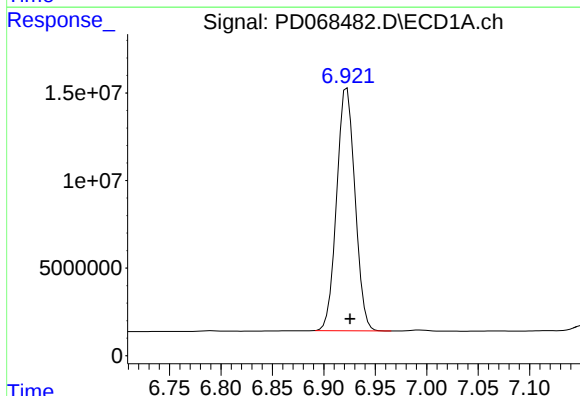
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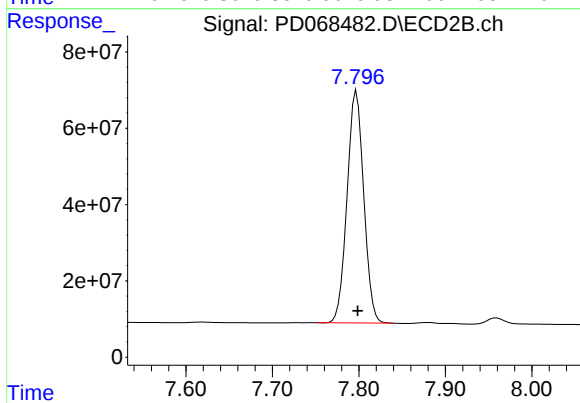
#18 Endrin aldehyde

R.T.: 7.260 min  
Delta R.T.: -0.002 min  
Response: 11048116  
Conc: 1.84 ng/ml



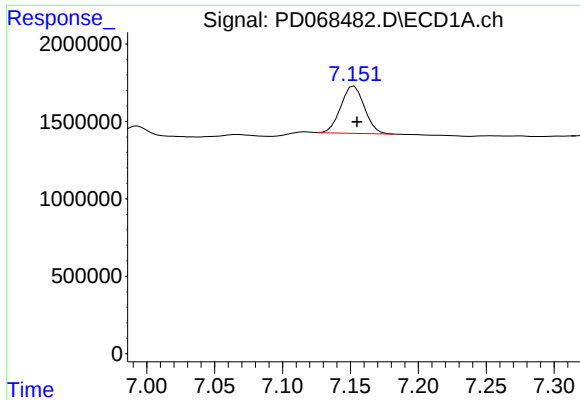
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: -0.003 min  
Response: 171776441  
Conc: 264.72 ng/ml



#20 Methoxychlor

R.T.: 7.797 min  
Delta R.T.: -0.002 min  
Response: 811589968  
Conc: 233.59 ng/ml



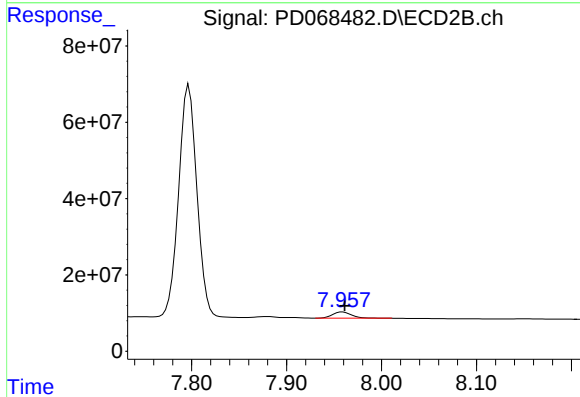
#21 Endrin ketone

R.T.: 7.151 min  
Delta R.T.: -0.003 min  
Response: 3703526  
Conc: 2.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

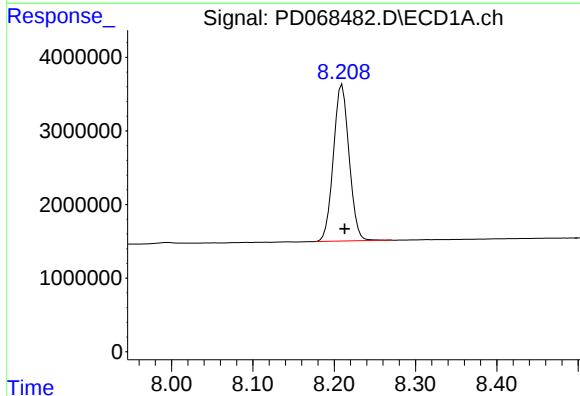
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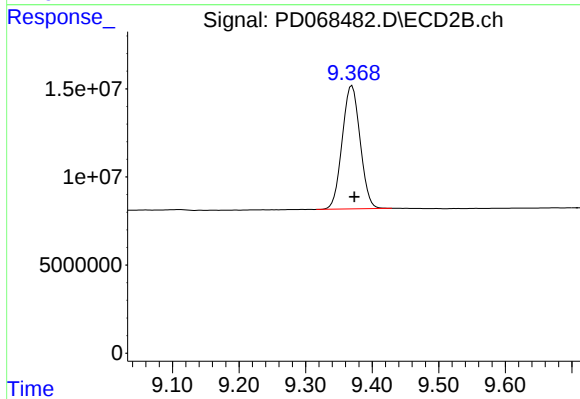
#21 Endrin ketone

R.T.: 7.959 min  
Delta R.T.: -0.002 min  
Response: 22524672  
Conc: 2.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: -0.003 min  
Response: 28591891  
Conc: 24.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.370 min  
Delta R.T.: -0.004 min  
Response: 130894730  
Conc: 22.08 ng/ml