

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031722\  
 Data File : PD068667.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2022 19:19  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/17/2022  
 Supervised By : Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 03:18:50 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 03:30:32 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 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... | 3.448 | 4.175 | 25626198 | 207.4E6  | 21.106  | 21.688  |
| 28)                         | SA Decachlor... | 8.207 | 9.370 | 27804245 | 128.5E6  | 22.008  | 22.673  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.887 | 4.571 | 18168230 | 156.7E6  | 10.034  | 11.385  |
| 3)                          | MA gamma-BHC... | 4.171 | 4.861 | 16978263 | 142.0E6  | 10.168  | 11.355  |
| 6)                          | B beta-BHC      | 4.421 | 5.024 | 8825334  | 66892608 | 11.853  | 12.185  |
| 12)                         | B 4,4'-DDE      | 5.611 | 6.550 | 595369   | 6447456  | 0.435m  | 0.696 # |
| 14)                         | MA Endrin       | 6.001 | 6.929 | 72518948 | 351.9E6  | 55.051  | 45.484  |
| 16)                         | A 4,4'-DDD      | 6.129 | 7.042 | 2676282  | 18614722 | 2.270   | 2.521   |
| 17)                         | MA 4,4'-DDT     | 6.370 | 7.344 | 131.1E6  | 716.7E6  | 109.081 | 97.547  |
| 18)                         | B Endrin al...  | 6.445 | 7.258 | 1412475  | 6502735  | 1.423   | 1.075m  |
| 20)                         | A Methoxychlor  | 6.920 | 7.797 | 171.1E6  | 823.1E6  | 246.938 | 225.795 |
| 21)                         | B Endrin ke...  | 7.149 | 7.959 | 2956794  | 14739093 | 2.008m  | 1.902   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031722\  
Data File : PD068667.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2022 19:19  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

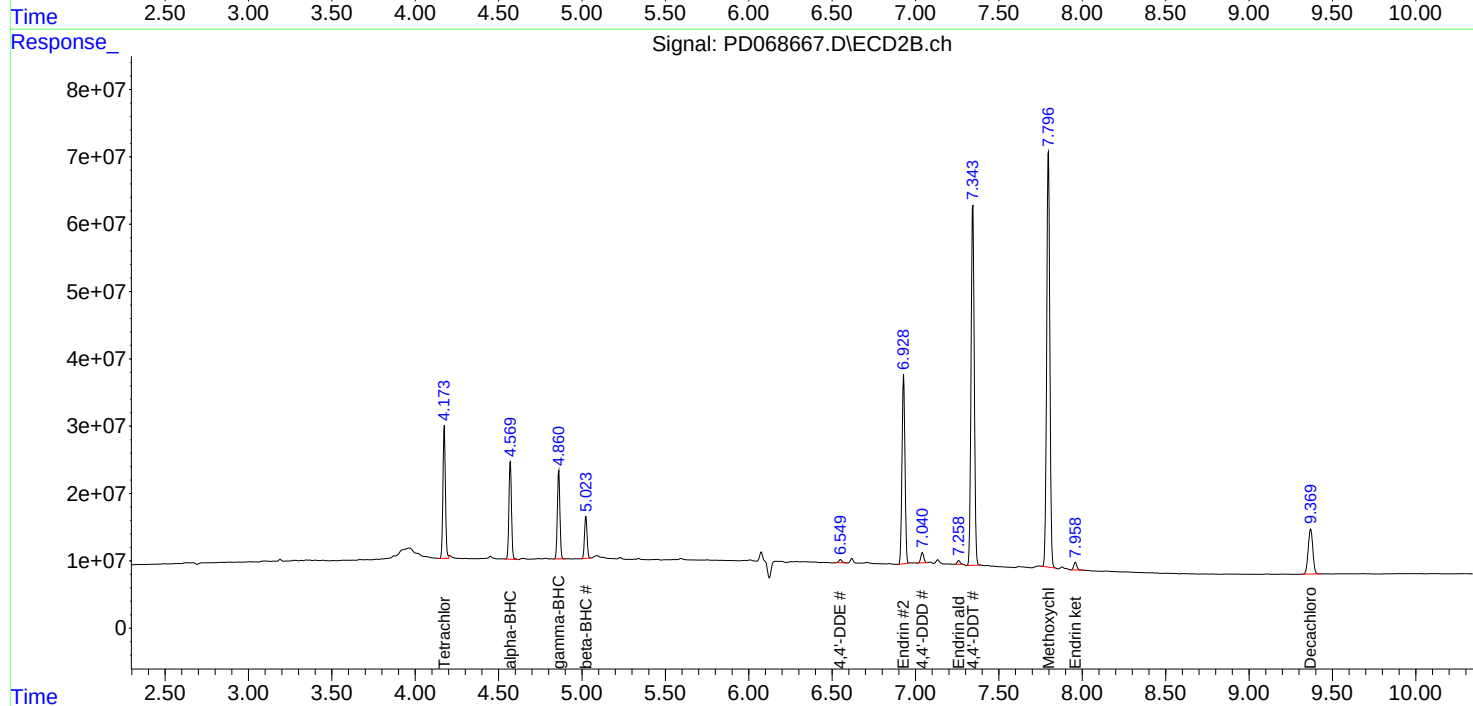
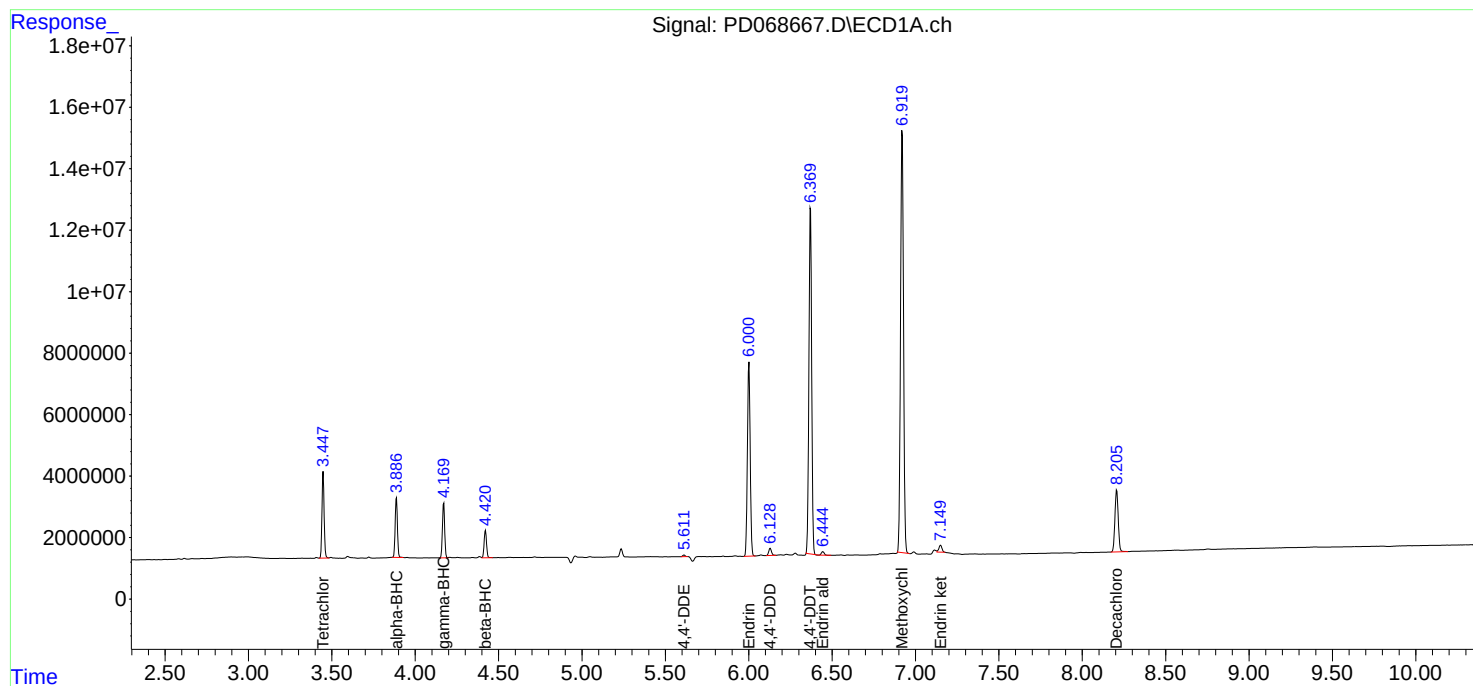
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

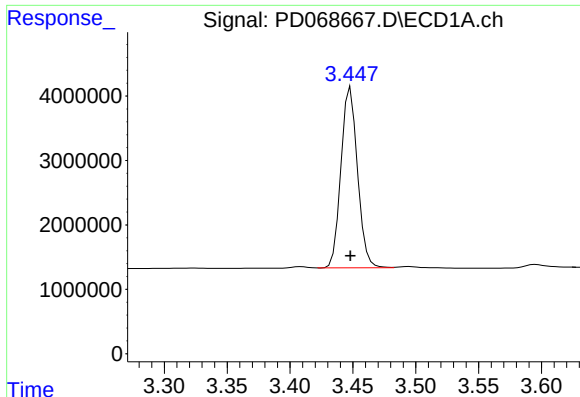
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 17 03:18:50 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 03:30:32 2022  
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





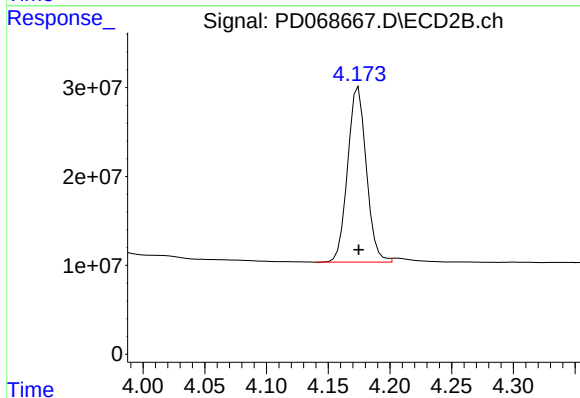
#1 Tetrachloro-m-xylene

R.T.: 3.448 min  
Delta R.T.: 0.000 min  
Response: 25626198  
Conc: 21.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

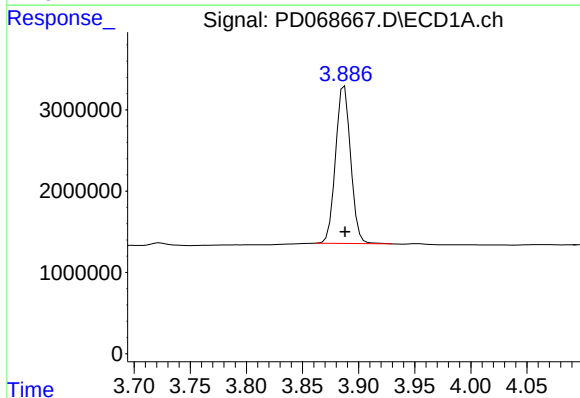
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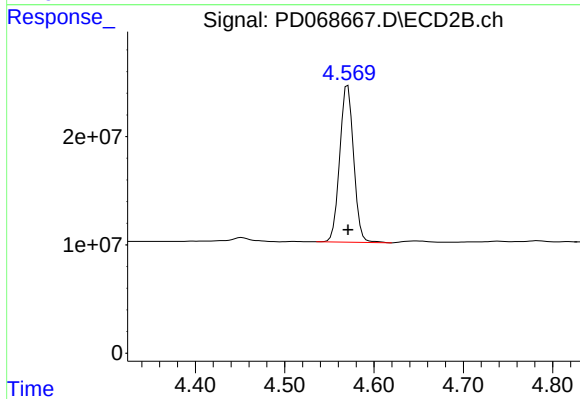
#1 Tetrachloro-m-xylene

R.T.: 4.175 min  
Delta R.T.: 0.000 min  
Response: 207350409  
Conc: 21.69 ng/ml



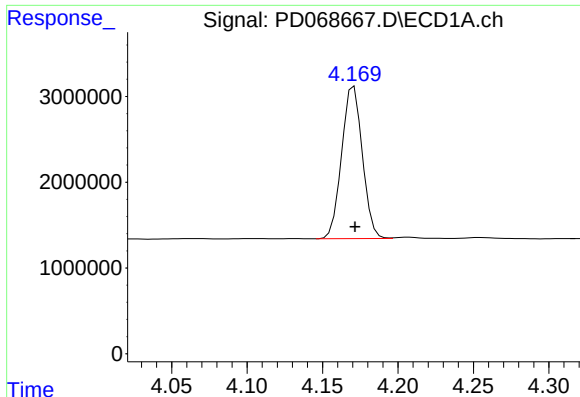
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: 0.000 min  
Response: 18168230  
Conc: 10.03 ng/ml



#2 alpha-BHC

R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 156692463  
Conc: 11.39 ng/ml



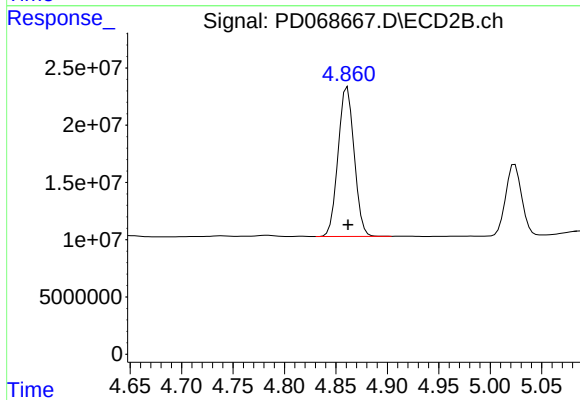
#3 gamma-BHC (Lindane)

R.T.: 4.171 min  
Delta R.T.: 0.000 min  
Response: 16978263  
Conc: 10.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

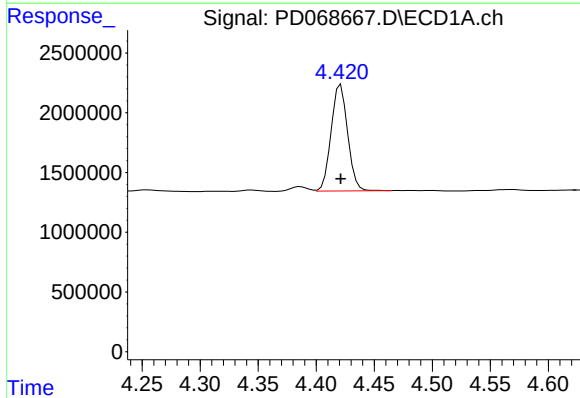
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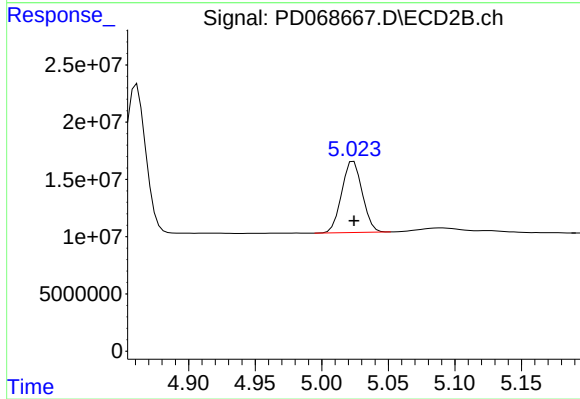
#3 gamma-BHC (Lindane)

R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 141970738  
Conc: 11.35 ng/ml



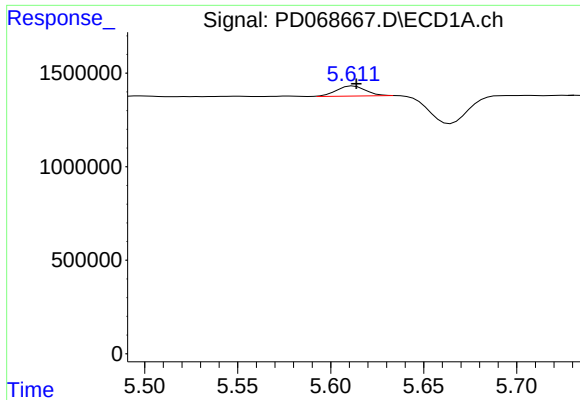
#6 beta-BHC

R.T.: 4.421 min  
Delta R.T.: 0.000 min  
Response: 8825334  
Conc: 11.85 ng/ml



#6 beta-BHC

R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 66892608  
Conc: 12.18 ng/ml



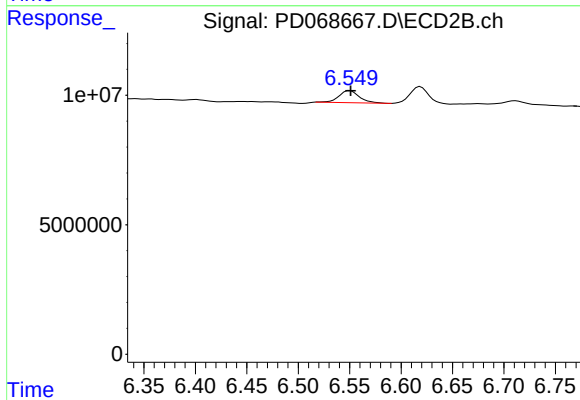
#12 4,4'-DDE

R.T.: 5.611 min  
Delta R.T.: -0.003 min  
Response: 595369  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

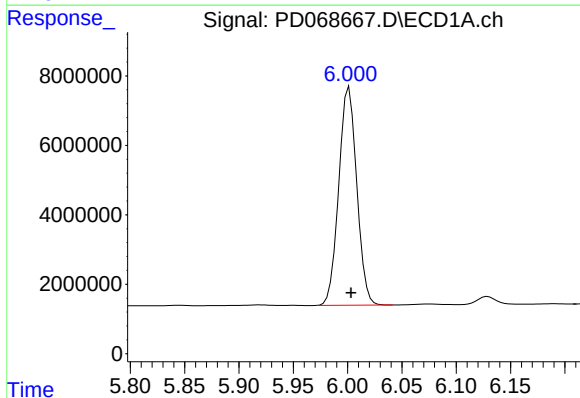
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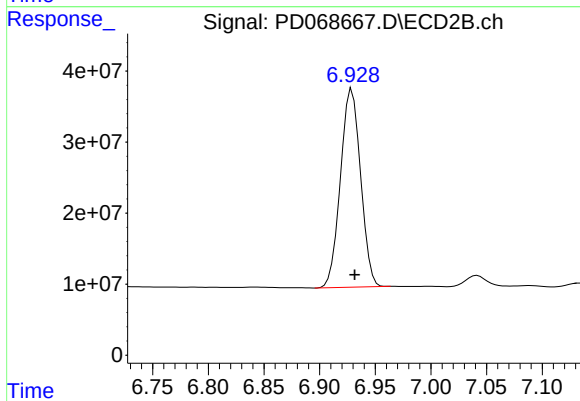
#12 4,4'-DDE

R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 6447456  
Conc: 0.70 ng/ml



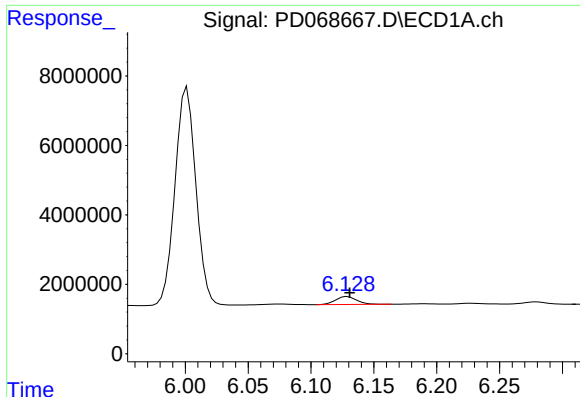
#14 Endrin

R.T.: 6.001 min  
Delta R.T.: -0.002 min  
Response: 72518948  
Conc: 55.05 ng/ml



#14 Endrin

R.T.: 6.929 min  
Delta R.T.: -0.003 min  
Response: 351931183  
Conc: 45.48 ng/ml



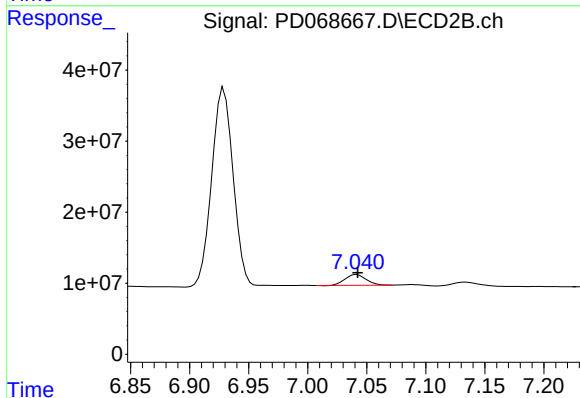
#16 4,4'-DDD

R.T.: 6.129 min  
Delta R.T.: -0.002 min  
Response: 2676282  
Conc: 2.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

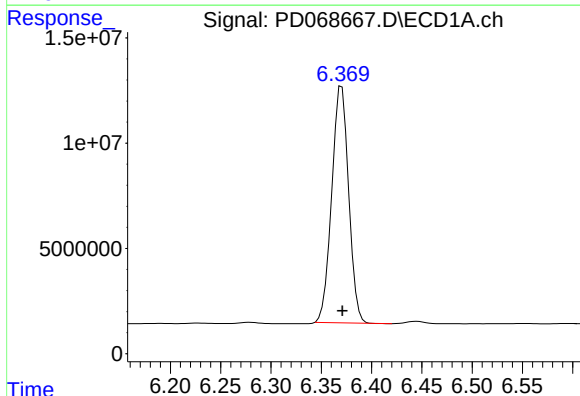
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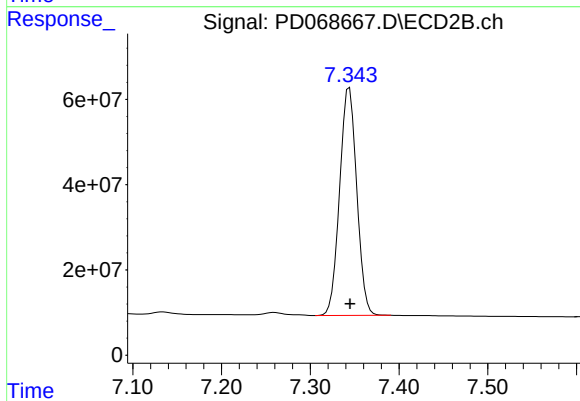
#16 4,4'-DDD

R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 18614722  
Conc: 2.52 ng/ml



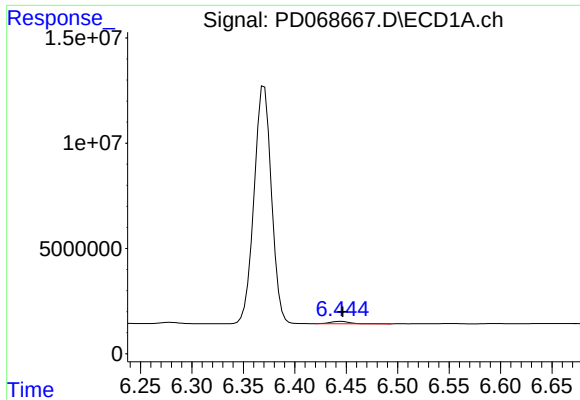
#17 4,4'-DDT

R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 131112005  
Conc: 109.08 ng/ml



#17 4,4'-DDT

R.T.: 7.344 min  
Delta R.T.: 0.000 min  
Response: 716654932  
Conc: 97.55 ng/ml



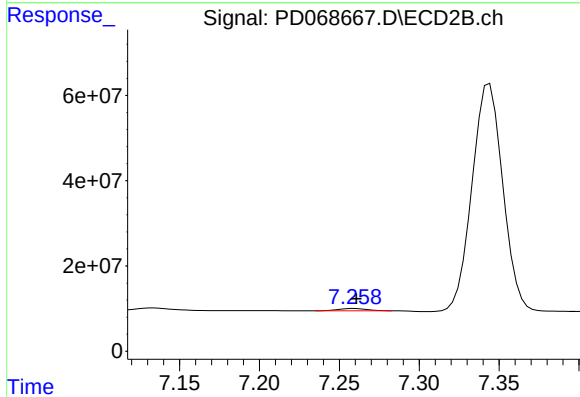
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: -0.002 min  
Response: 1412475  
Conc: 1.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

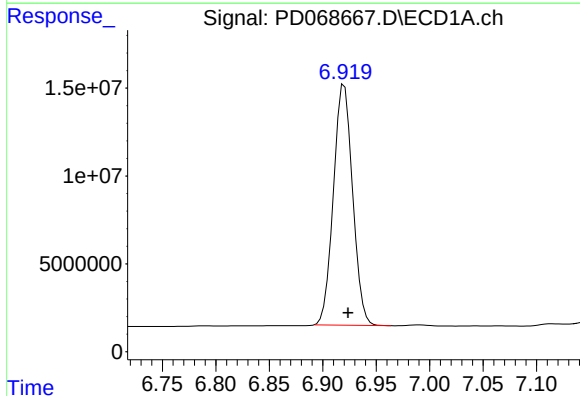
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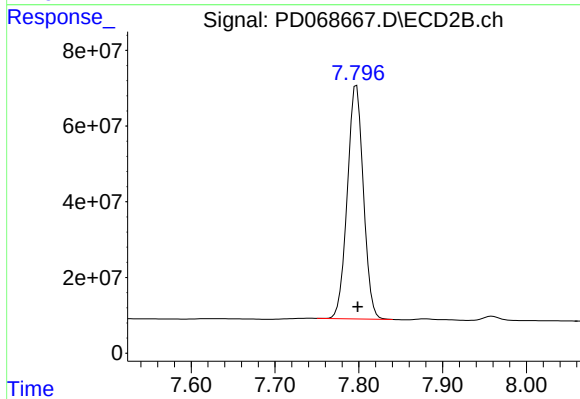
#18 Endrin aldehyde

R.T.: 7.258 min  
Delta R.T.: -0.003 min  
Response: 6502735  
Conc: 1.07 ng/ml m



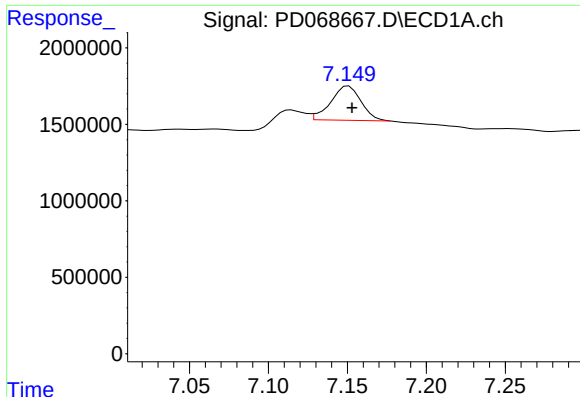
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: 171134592  
Conc: 246.94 ng/ml



#20 Methoxychlor

R.T.: 7.797 min  
Delta R.T.: -0.002 min  
Response: 823088791  
Conc: 225.80 ng/ml



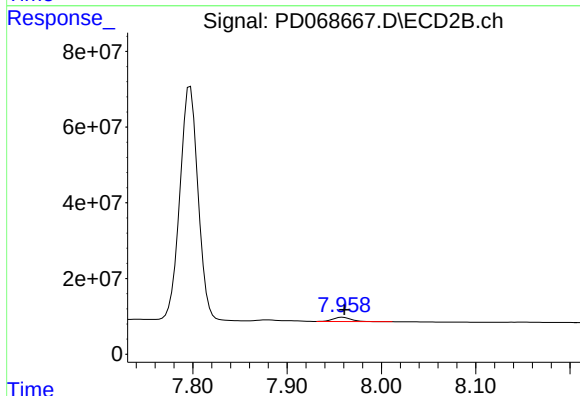
#21 Endrin ketone

R.T.: 7.149 min  
Delta R.T.: -0.004 min  
Response: 2956794  
Conc: 2.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

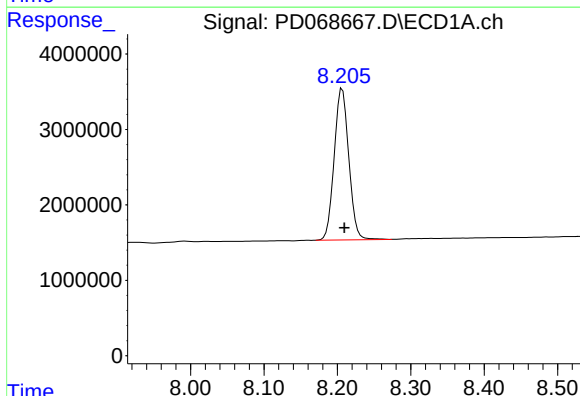
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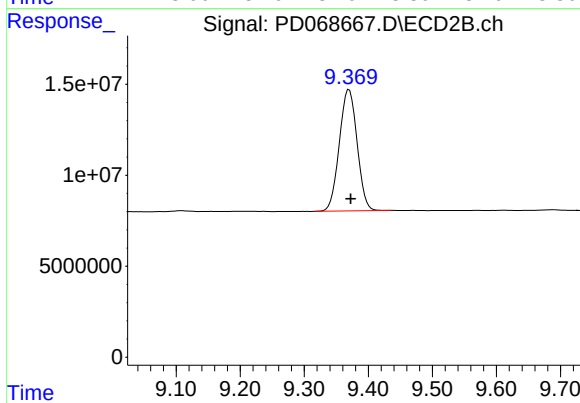
#21 Endrin ketone

R.T.: 7.959 min  
Delta R.T.: -0.002 min  
Response: 14739093  
Conc: 1.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.003 min  
Response: 27804245  
Conc: 22.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.370 min  
Delta R.T.: -0.002 min  
Response: 128479139  
Conc: 22.67 ng/ml