

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052322\  
 Data File : PD069743.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 May 2022 14:07  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/23/2022  
 Supervised By : Ankita Jodhani 05/23/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 23 03:17:37 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052022.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 23 02:08:05 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... | 3.449 | 4.172 | 19937829 | 216.0E6  | 19.896  | 22.606  |
| 28)                         | SA Decachlor... | 8.201 | 9.368 | 22089028 | 131.7E6  | 20.478  | 21.974  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.888 | 4.567 | 14215425 | 148.9E6  | 9.519   | 10.677m |
| 3)                          | MA gamma-BHC... | 4.170 | 4.859 | 14341036 | 150.9E6  | 9.713m  | 11.780  |
| 6)                          | B beta-BHC      | 4.421 | 5.023 | 7086275  | 71783999 | 10.879  | 12.785  |
| 12)                         | B 4,4'-DDE      | 5.608 | 6.548 | 252132   | 5061869  | 0.218m  | 0.510m# |
| 14)                         | MA Endrin       | 5.999 | 6.929 | 52654678 | 409.1E6  | 47.389  | 50.337  |
| 16)                         | A 4,4'-DDD      | 6.126 | 7.040 | 2331538  | 24347893 | 2.342   | 3.005 # |
| 17)                         | MA 4,4'-DDT     | 6.366 | 7.343 | 96248409 | 732.6E6  | 100.253 | 89.086  |
| 18)                         | B Endrin al...  | 6.440 | 7.259 | 1161225  | 11966222 | 1.350m  | 1.876 # |
| 20)                         | A Methoxychlor  | 6.916 | 7.796 | 128.9E6  | 865.2E6  | 223.657 | 209.830 |
| 21)                         | B Endrin ke...  | 7.147 | 7.957 | 3034788  | 20172456 | 2.422   | 2.415m  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052322\  
Data File : PD069743.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 May 2022 14:07  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

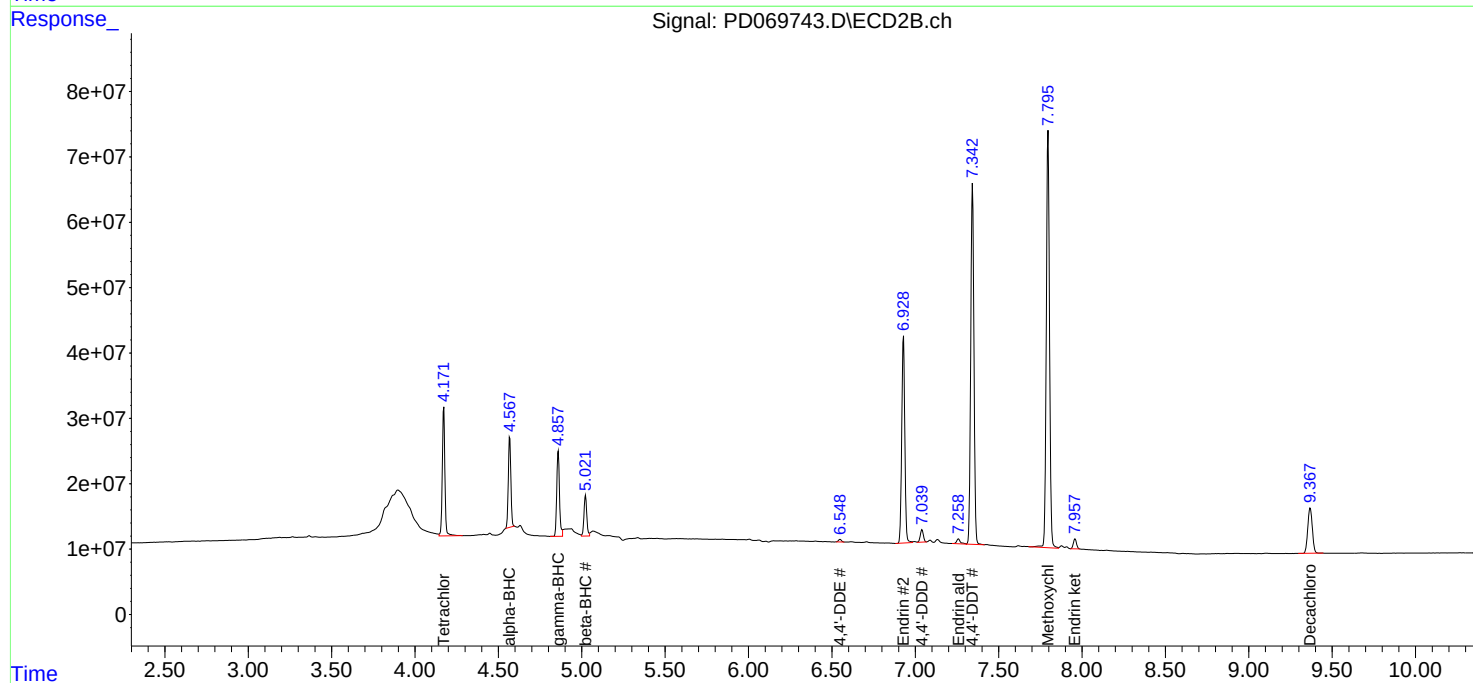
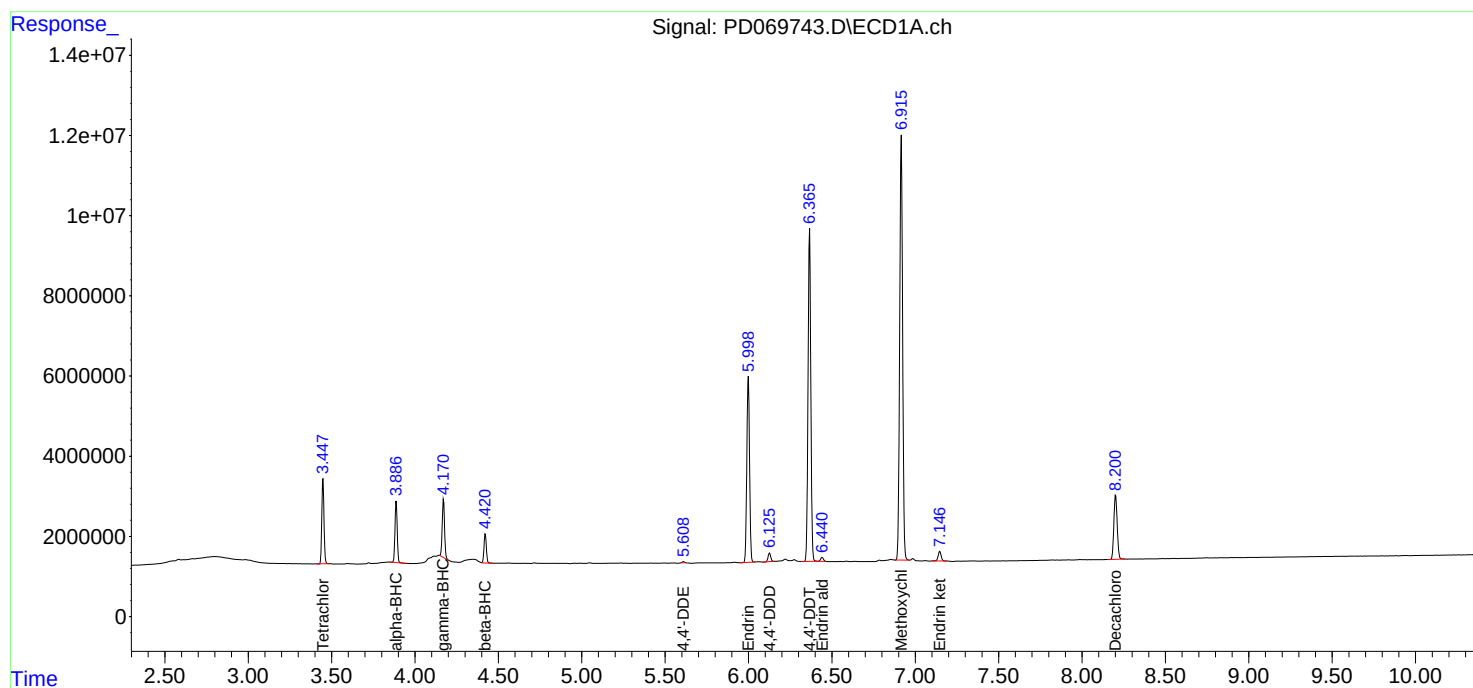
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

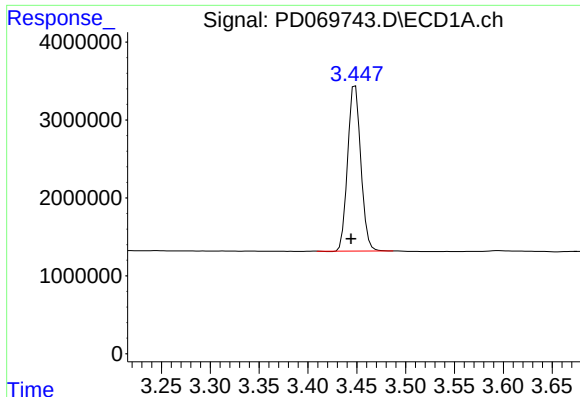
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 23 03:17:37 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052022.M  
Quant Title : GC Extractables  
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Volume 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.: 3.449 min  
Delta R.T.: 0.005 min  
Response: 19937829  
Conc: 19.90 ng/ml

Instrument :

ECD\_D

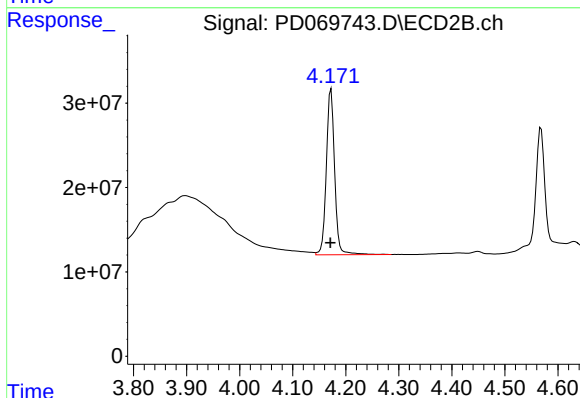
ClientSampleId :

PEM

Manual Integrations

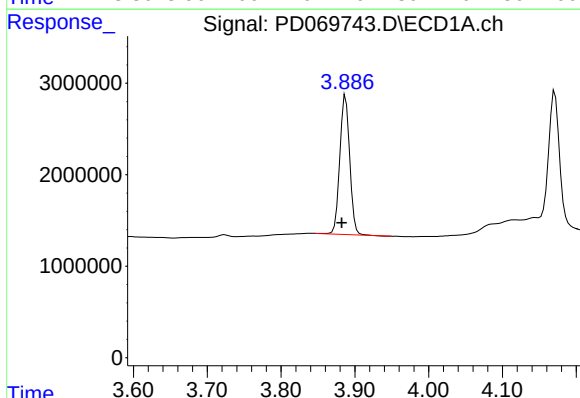
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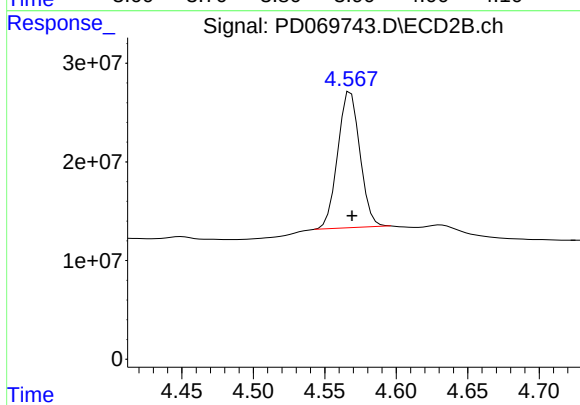
#1 Tetrachloro-m-xylene

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 215975672  
Conc: 22.61 ng/ml



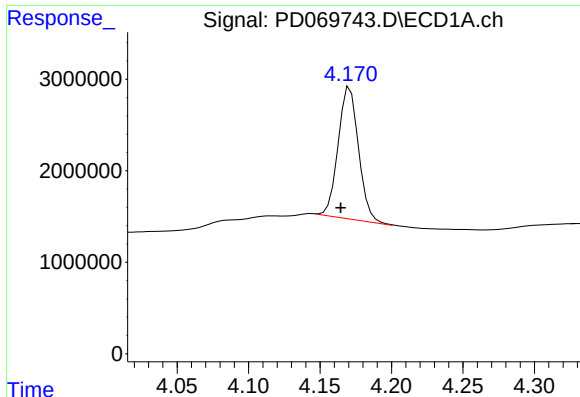
#2 alpha-BHC

R.T.: 3.888 min  
Delta R.T.: 0.005 min  
Response: 14215425  
Conc: 9.52 ng/ml



#2 alpha-BHC

R.T.: 4.567 min  
Delta R.T.: -0.002 min  
Response: 148919909  
Conc: 10.68 ng/ml m



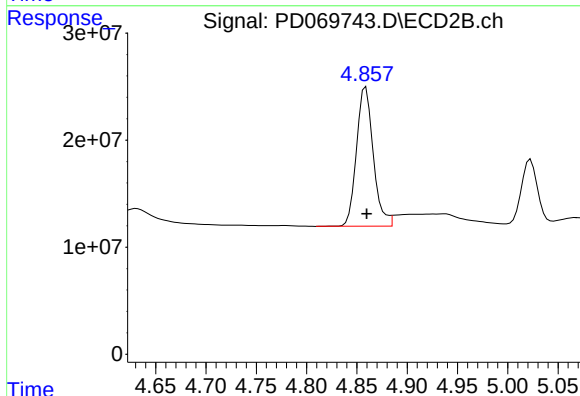
#3 gamma-BHC (Lindane)

R.T.: 4.170 min  
Delta R.T.: 0.005 min  
Response: 14341036  
Conc: 9.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

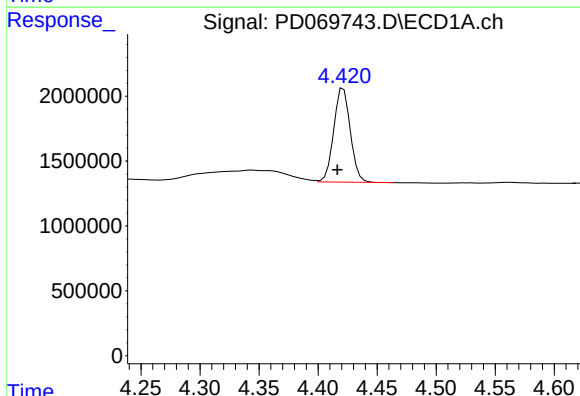
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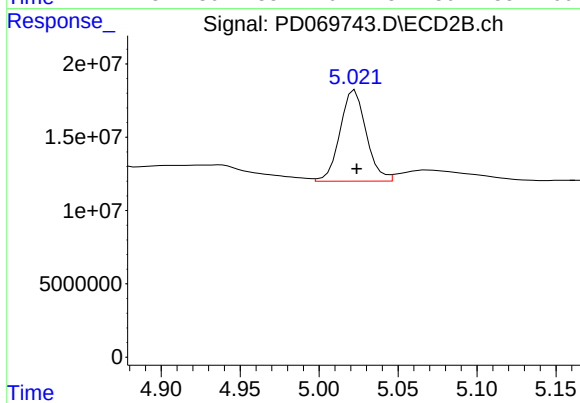
#3 gamma-BHC (Lindane)

R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 150873772  
Conc: 11.78 ng/ml



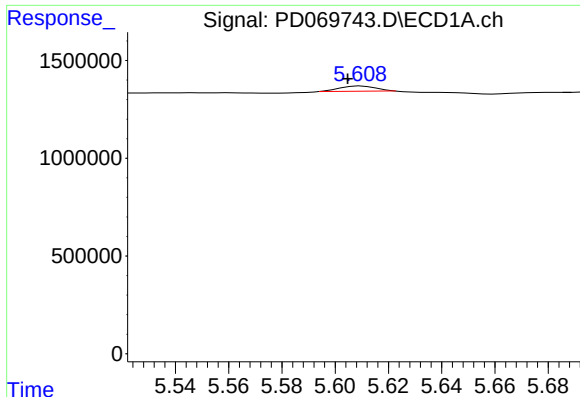
#6 beta-BHC

R.T.: 4.421 min  
Delta R.T.: 0.005 min  
Response: 7086275  
Conc: 10.88 ng/ml



#6 beta-BHC

R.T.: 5.023 min  
Delta R.T.: 0.000 min  
Response: 71783999  
Conc: 12.78 ng/ml



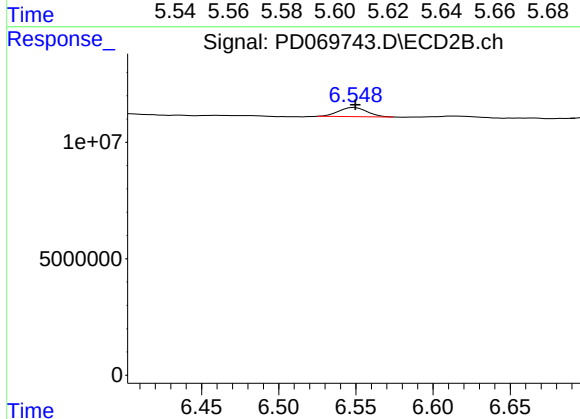
#12 4,4'-DDE

R.T.: 5.608 min  
Delta R.T.: 0.004 min  
Response: 252132  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

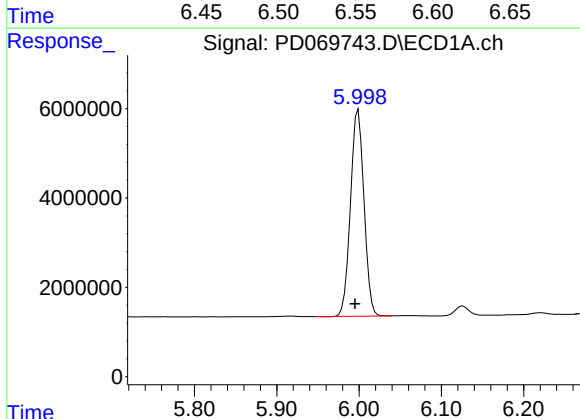
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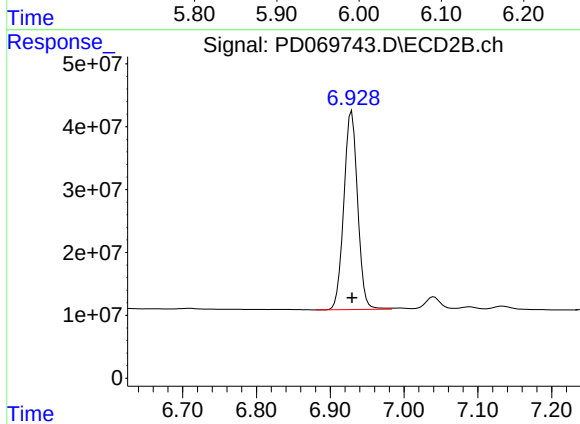
#12 4,4'-DDE

R.T.: 6.548 min  
Delta R.T.: -0.002 min  
Response: 5061869  
Conc: 0.51 ng/ml m



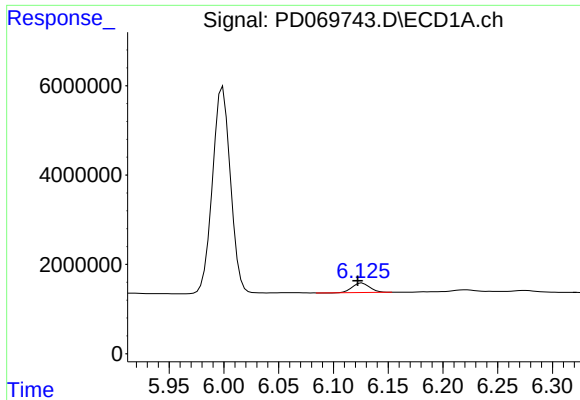
#14 Endrin

R.T.: 5.999 min  
Delta R.T.: 0.004 min  
Response: 52654678  
Conc: 47.39 ng/ml



#14 Endrin

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 409142410  
Conc: 50.34 ng/ml



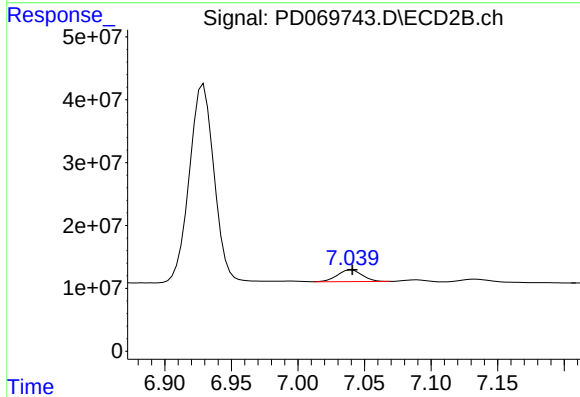
#16 4,4'-DDD

R.T.: 6.126 min  
Delta R.T.: 0.004 min  
Response: 2331538  
Conc: 2.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

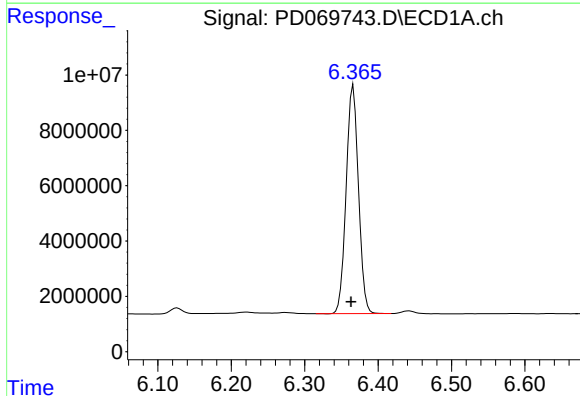
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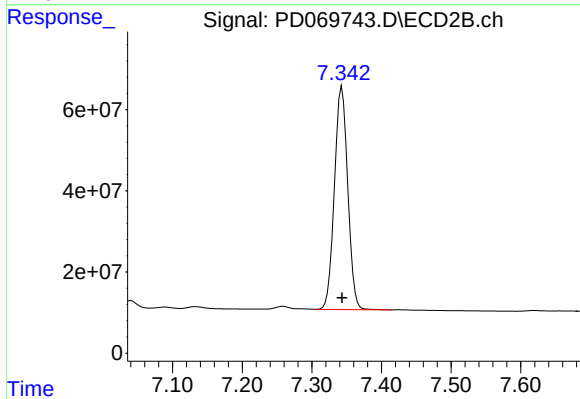
#16 4,4'-DDD

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 24347893  
Conc: 3.01 ng/ml



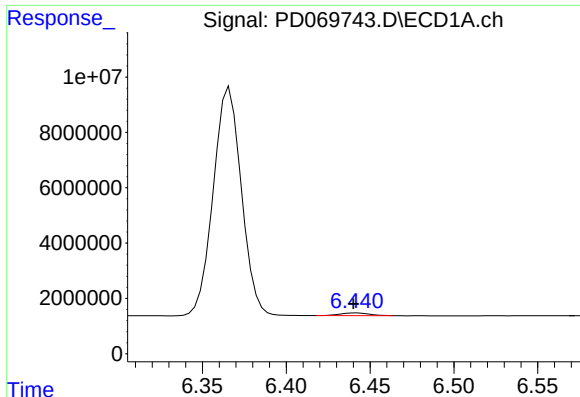
#17 4,4'-DDT

R.T.: 6.366 min  
Delta R.T.: 0.003 min  
Response: 96248409  
Conc: 100.25 ng/ml



#17 4,4'-DDT

R.T.: 7.343 min  
Delta R.T.: 0.000 min  
Response: 732640914  
Conc: 89.09 ng/ml



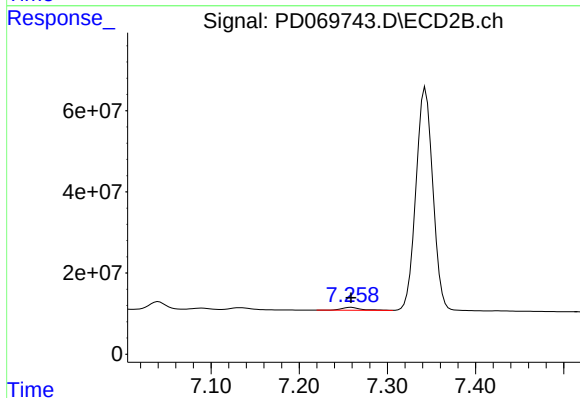
#18 Endrin aldehyde

R.T.: 6.440 min  
Delta R.T.: 0.000 min  
Response: 1161225  
Conc: 1.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

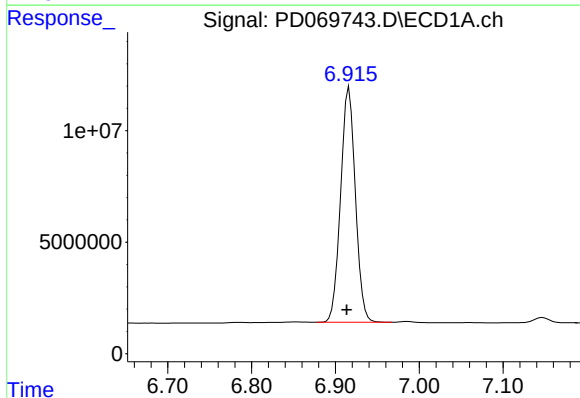
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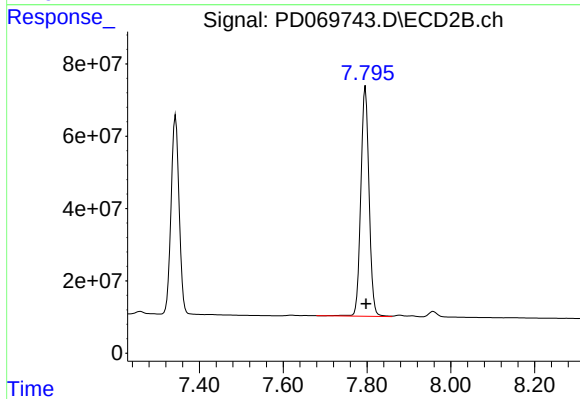
#18 Endrin aldehyde

R.T.: 7.259 min  
Delta R.T.: 0.000 min  
Response: 11966222  
Conc: 1.88 ng/ml



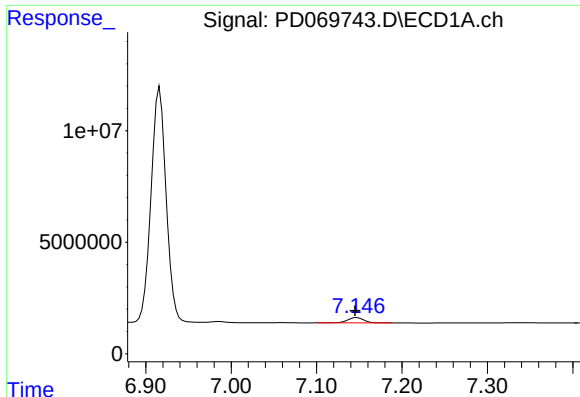
#20 Methoxychlor

R.T.: 6.916 min  
Delta R.T.: 0.003 min  
Response: 128912950  
Conc: 223.66 ng/ml



#20 Methoxychlor

R.T.: 7.796 min  
Delta R.T.: -0.001 min  
Response: 865214488  
Conc: 209.83 ng/ml



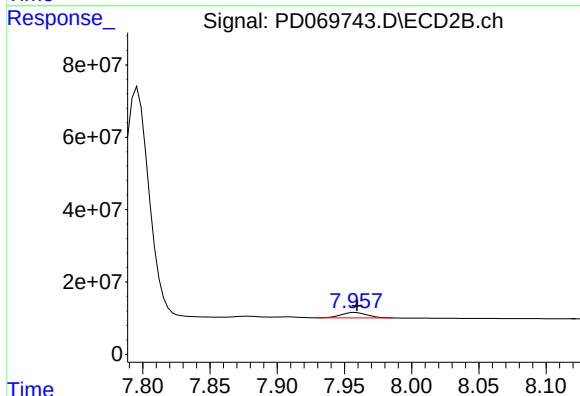
#21 Endrin ketone

R.T.: 7.147 min  
Delta R.T.: 0.002 min  
Response: 3034788  
Conc: 2.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

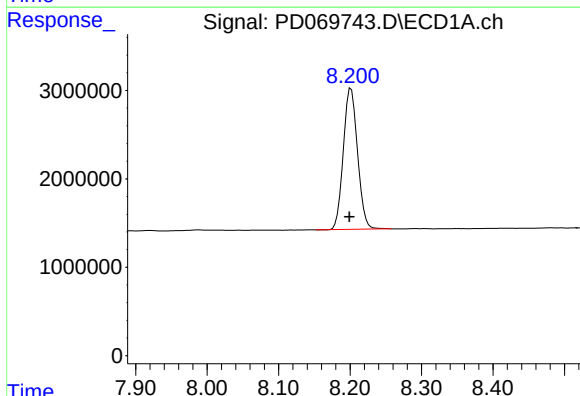
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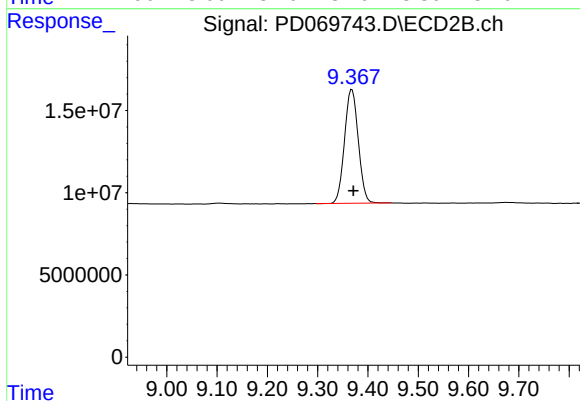
#21 Endrin ketone

R.T.: 7.957 min  
Delta R.T.: -0.003 min  
Response: 20172456  
Conc: 2.41 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: 0.002 min  
Response: 22089028  
Conc: 20.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.368 min  
Delta R.T.: -0.003 min  
Response: 131690165  
Conc: 21.97 ng/ml