

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122422\  
 Data File : PD073472.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2022 19:14  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 12/27/2022  
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 06:35:33 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121622.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 16 15:46:21 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... | 2.693 | 3.456 | 34206918 | 1691.3E6 | 16.322  | 17.197   |
| 28)                         | SA Decachlor... | 7.825 | 8.910 | 41206648 | 349.2E6  | 17.019  | 19.811   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.196 | 3.920 | 26303306 | 1257.7E6 | 7.605   | 9.410    |
| 3)                          | MA gamma-BHC... | 3.526 | 4.253 | 22314688 | 1006.7E6 | 8.115   | 10.203 # |
| 6)                          | B beta-BHC      | 3.828 | 4.469 | 12497985 | 359.3E6  | 9.842   | 10.602   |
| 14)                         | MA Endrin       | 5.555 | 6.484 | 99011763 | 1307.4E6 | 38.561  | 39.796   |
| 16)                         | A 4,4'-DDD      | 5.702 | 6.619 | 1168210  | 37457290 | 0.518   | 1.199 #  |
| 17)                         | MA 4,4'-DDT     | 5.949 | 6.927 | 189.9E6  | 2687.6E6 | 85.727m | 88.936   |
| 18)                         | B Endrin al...  | 6.035 | 6.846 | 2753665  | 31275828 | 1.463   | 1.334    |
| 20)                         | A Methoxychlor  | 6.534 | 7.407 | 266.4E6  | 2906.6E6 | 199.879 | 214.741  |
| 21)                         | B Endrin ke...  | 6.768 | 7.569 | 8257060  | 66785783 | 3.039   | 2.432    |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122422\  
Data File : PD073472.D  
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Acq On : 23 Dec 2022 19:14  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

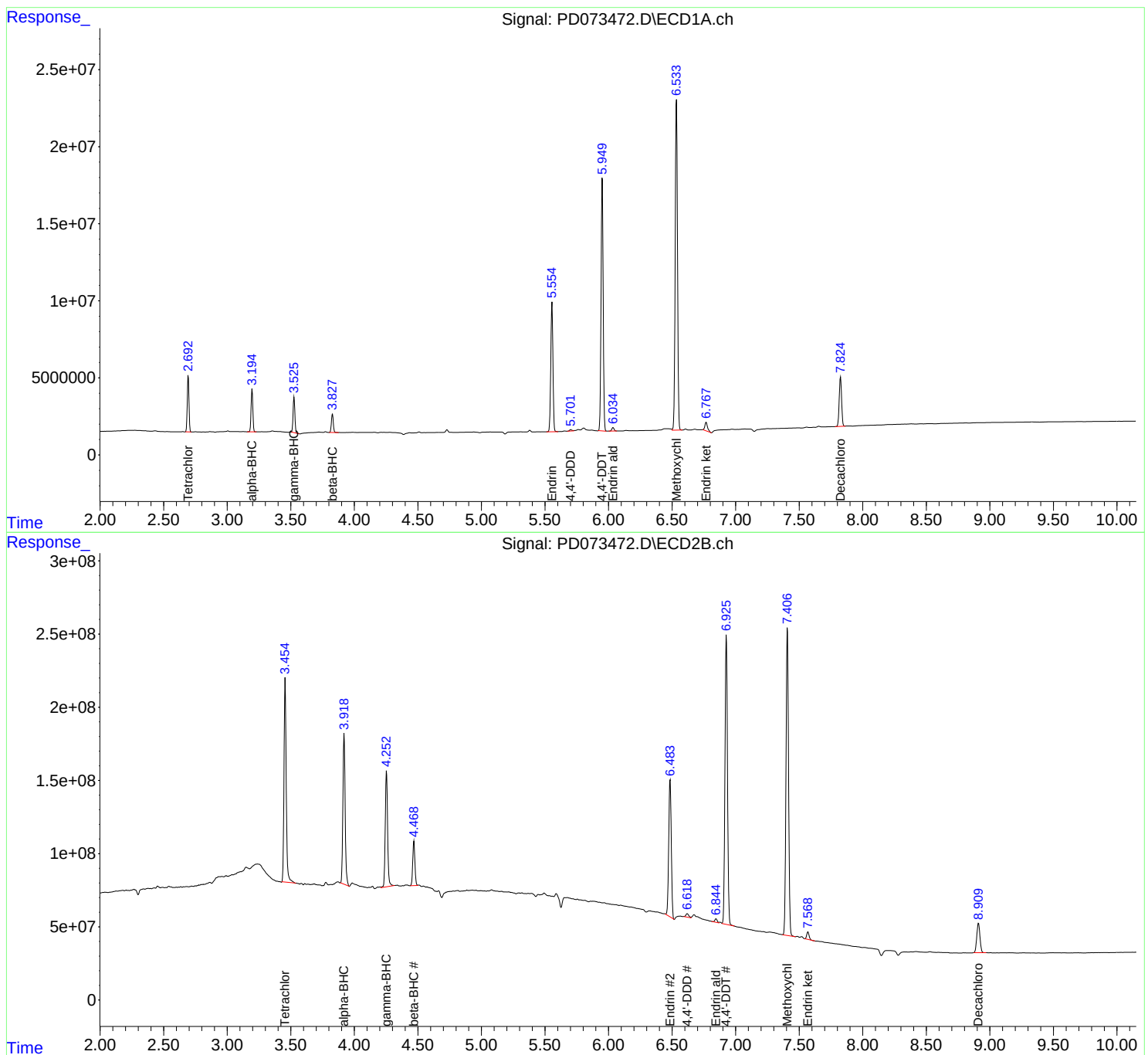
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

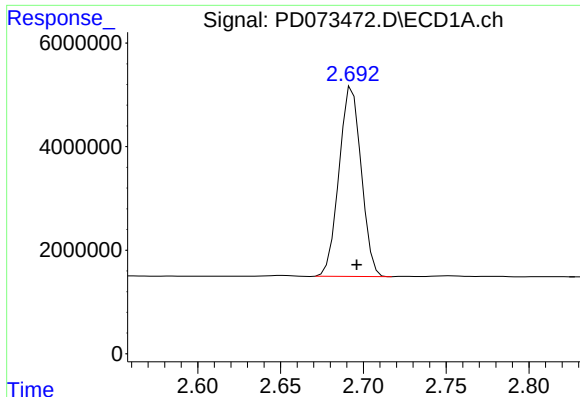
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 24 06:35:33 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121622.M  
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Volume Inj. : 2 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





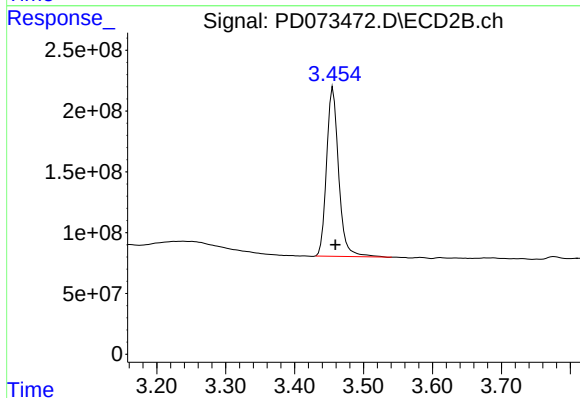
#1 Tetrachloro-m-xylene

R.T.: 2.693 min  
Delta R.T.: -0.003 min  
Response: 34206918  
Conc: 16.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

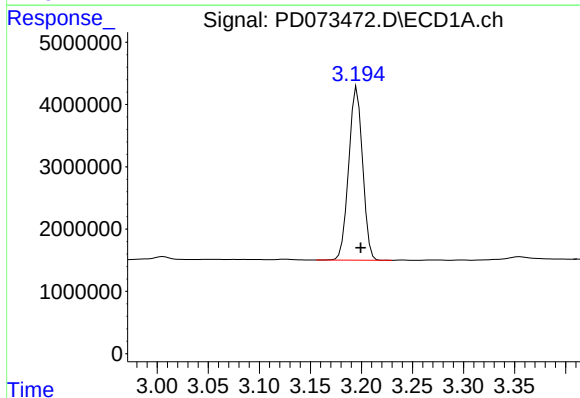
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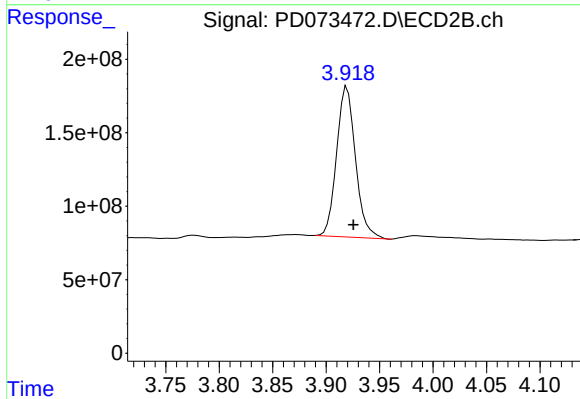
#1 Tetrachloro-m-xylene

R.T.: 3.456 min  
Delta R.T.: -0.003 min  
Response: 1691264219  
Conc: 17.20 ng/ml



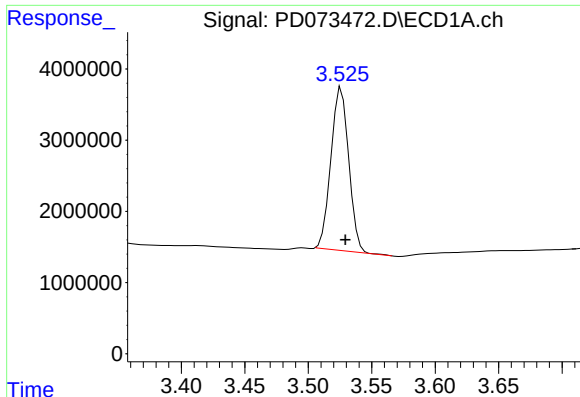
#2 alpha-BHC

R.T.: 3.196 min  
Delta R.T.: -0.003 min  
Response: 26303306  
Conc: 7.60 ng/ml



#2 alpha-BHC

R.T.: 3.920 min  
Delta R.T.: -0.006 min  
Response: 1257741227  
Conc: 9.41 ng/ml



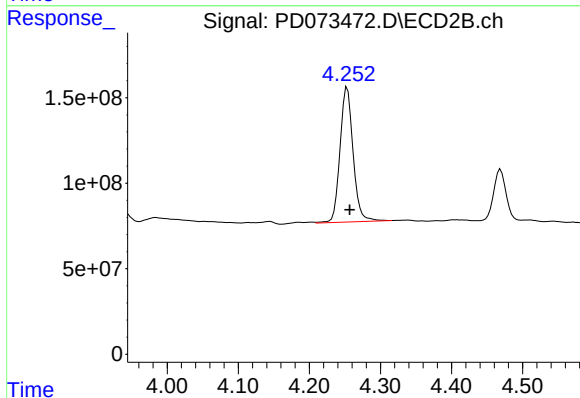
#3 gamma-BHC (Lindane)

R.T.: 3.526 min  
Delta R.T.: -0.003 min  
Response: 22314688  
Conc: 8.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

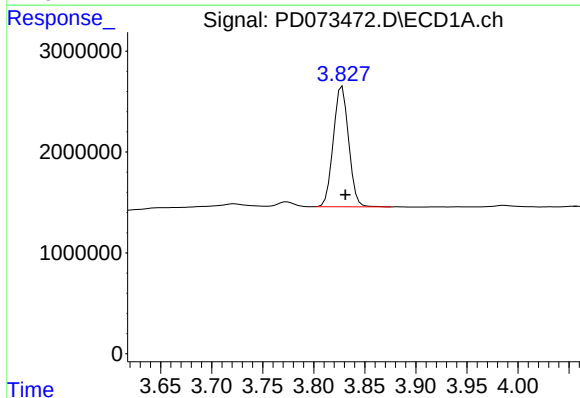
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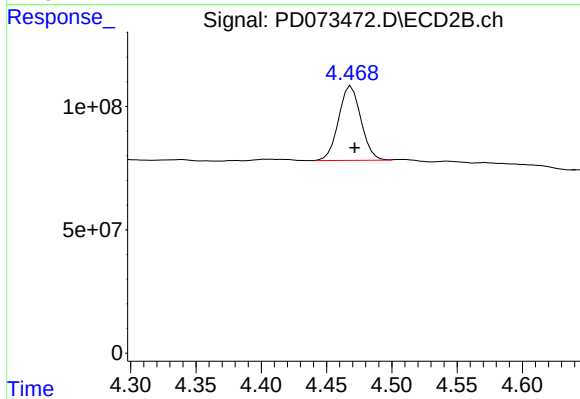
#3 gamma-BHC (Lindane)

R.T.: 4.253 min  
Delta R.T.: -0.003 min  
Response: 1006733577  
Conc: 10.20 ng/ml



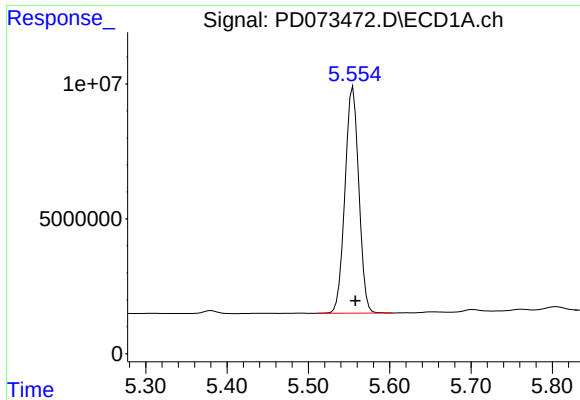
#6 beta-BHC

R.T.: 3.828 min  
Delta R.T.: -0.003 min  
Response: 12497985  
Conc: 9.84 ng/ml



#6 beta-BHC

R.T.: 4.469 min  
Delta R.T.: -0.003 min  
Response: 359263869  
Conc: 10.60 ng/ml



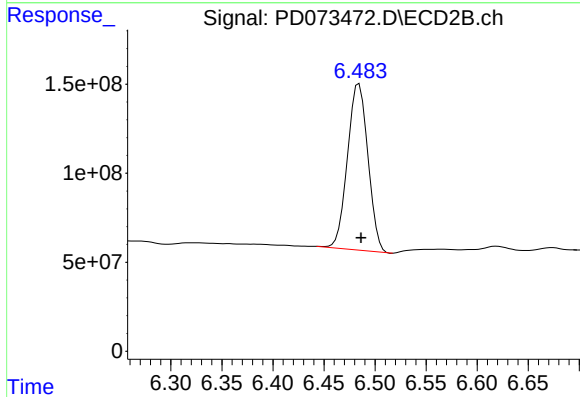
#14 Endrin

R.T.: 5.555 min  
Delta R.T.: -0.003 min  
Response: 99011763  
Conc: 38.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

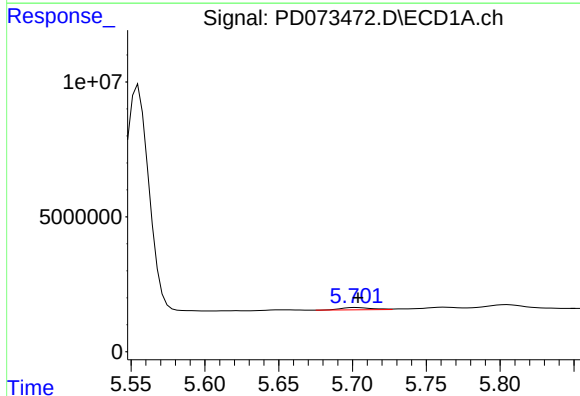
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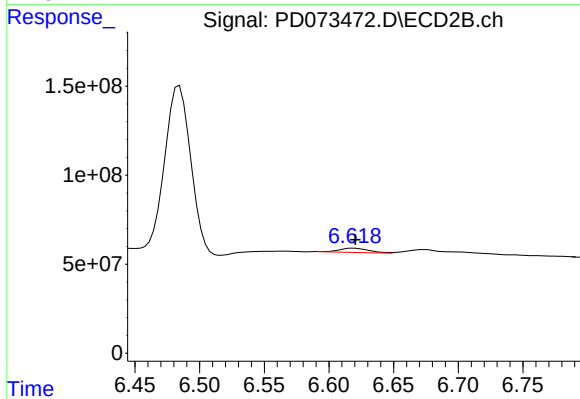
#14 Endrin

R.T.: 6.484 min  
Delta R.T.: -0.002 min  
Response: 1307437814  
Conc: 39.80 ng/ml



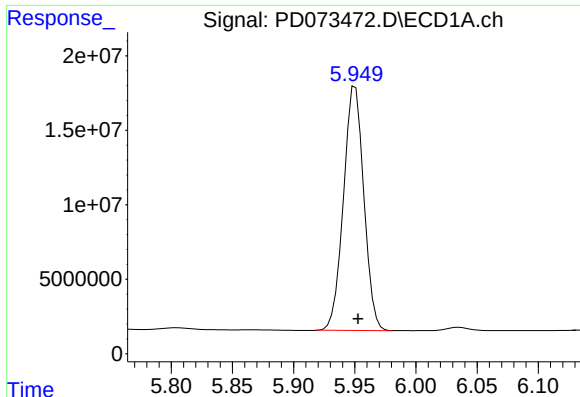
#16 4,4'-DDD

R.T.: 5.702 min  
Delta R.T.: -0.001 min  
Response: 1168210  
Conc: 0.52 ng/ml



#16 4,4'-DDD

R.T.: 6.619 min  
Delta R.T.: -0.001 min  
Response: 37457290  
Conc: 1.20 ng/ml



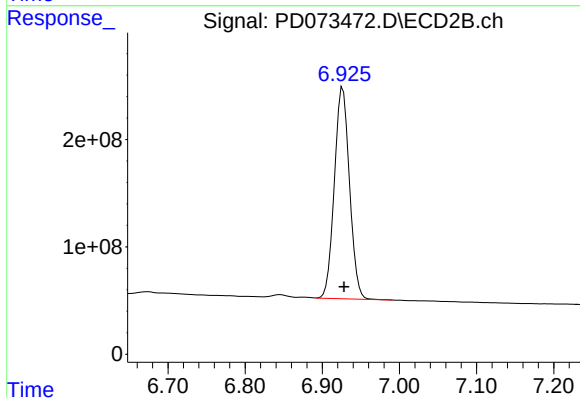
#17 4,4'-DDT

R.T.: 5.949 min  
Delta R.T.: -0.004 min  
Response: 189899804  
Conc: 85.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

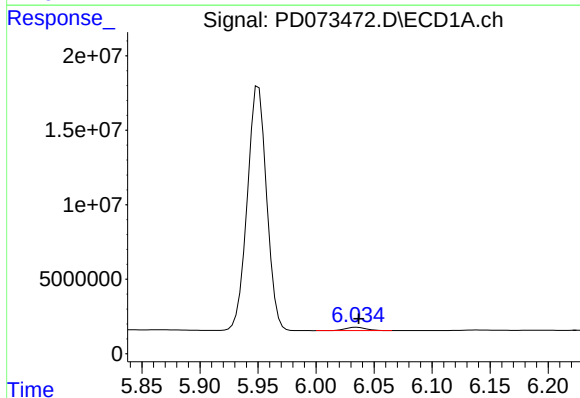
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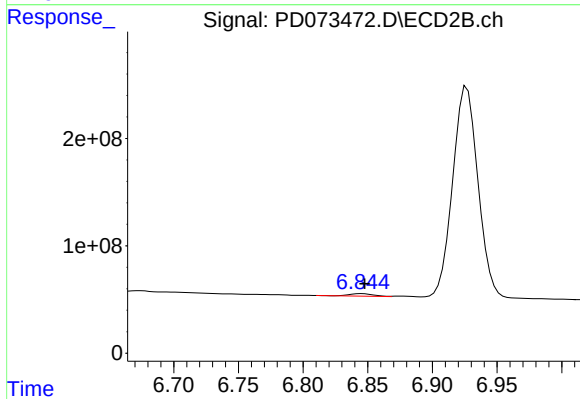
#17 4,4'-DDT

R.T.: 6.927 min  
Delta R.T.: -0.001 min  
Response: 2687578452  
Conc: 88.94 ng/ml



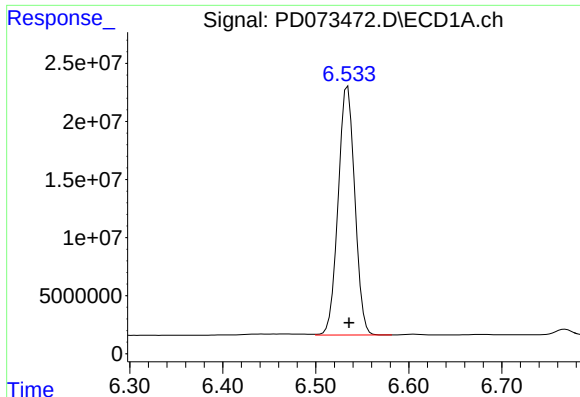
#18 Endrin aldehyde

R.T.: 6.035 min  
Delta R.T.: -0.002 min  
Response: 2753665  
Conc: 1.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.846 min  
Delta R.T.: -0.002 min  
Response: 31275828  
Conc: 1.33 ng/ml



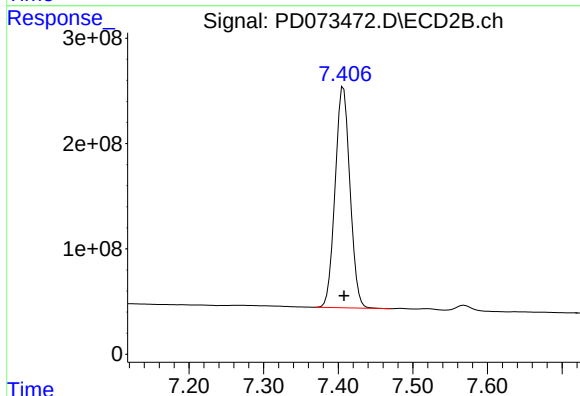
#20 Methoxychlor

R.T.: 6.534 min  
Delta R.T.: -0.001 min  
Response: 266401126  
Conc: 199.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

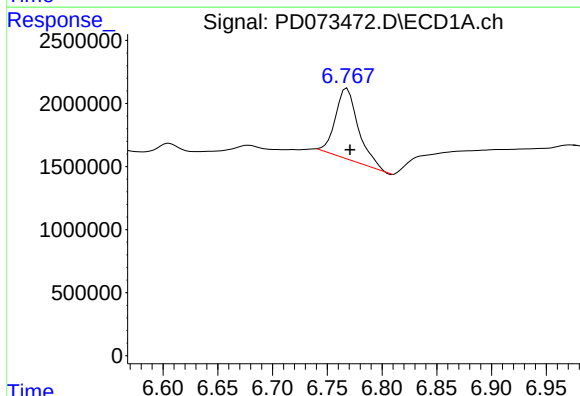
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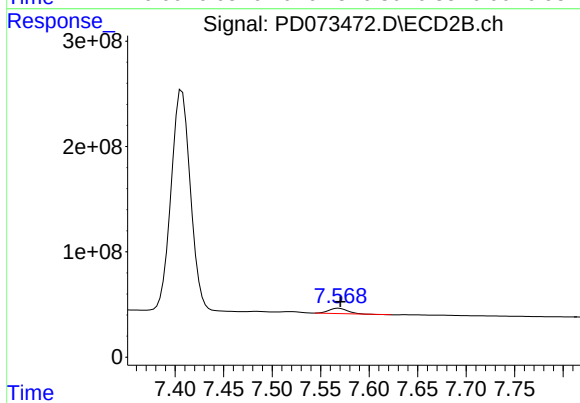
#20 Methoxychlor

R.T.: 7.407 min  
Delta R.T.: 0.000 min  
Response: 2906600450  
Conc: 214.74 ng/ml



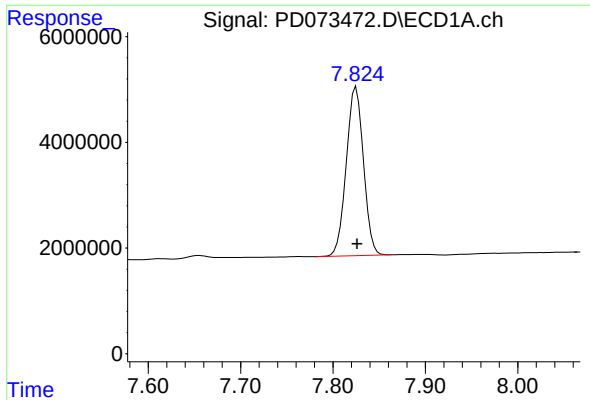
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.003 min  
Response: 8257060  
Conc: 3.04 ng/ml



#21 Endrin ketone

R.T.: 7.569 min  
Delta R.T.: -0.002 min  
Response: 66785783  
Conc: 2.43 ng/ml



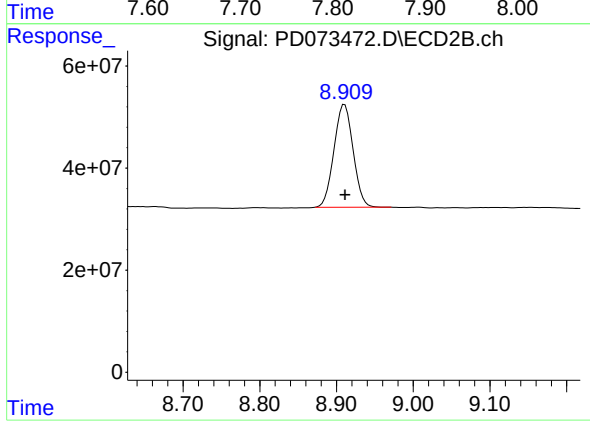
#28 Decachlorobiphenyl

R.T.: 7.825 min  
Delta R.T.: 0.000 min  
Response: 41206648  
Conc: 17.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 8.910 min  
Delta R.T.: 0.000 min  
Response: 349221324  
Conc: 19.81 ng/ml