

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052622\  
 Data File : PD069831.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 May 2022 21:15  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/26/2022  
 Supervised By : Ankita Jodhani 05/26/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 26 05:10:30 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052622.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 26 05:06:06 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... | 3.442 | 4.170 | 21092176 | 181.7E6  | 19.820  | 20.615  |
| 28)                         | SA Decachlor... | 8.192 | 9.361 | 22122575 | 113.1E6  | 20.282  | 20.921  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.881 | 4.566 | 15308614 | 131.8E6  | 9.342   | 10.067  |
| 3)                          | MA gamma-BHC... | 4.164 | 4.856 | 19801078 | 128.2E6  | 11.473  | 10.388  |
| 6)                          | B beta-BHC      | 4.414 | 5.020 | 7701297  | 57709215 | 11.065  | 10.986  |
| 12)                         | B 4,4'-DDE      | 5.600 | 6.543 | 274874   | 3056590  | 0.217m  | 0.338m# |
| 14)                         | MA Endrin       | 5.991 | 6.924 | 58448334 | 344.2E6  | 50.619  | 51.006  |
| 16)                         | A 4,4'-DDD      | 6.118 | 7.035 | 3306203  | 21318222 | 3.056   | 2.879   |
| 17)                         | MA 4,4'-DDT     | 6.358 | 7.338 | 103.6E6  | 676.1E6  | 104.504 | 92.384  |
| 18)                         | B Endrin al...  | 6.433 | 7.251 | 879659   | 3978085  | 1.024   | 0.693m# |
| 20)                         | A Methoxychlor  | 6.907 | 7.791 | 142.1E6  | 810.5E6  | 250.415 | 227.323 |
| 21)                         | B Endrin ke...  | 7.139 | 7.954 | 2344796  | 15616500 | 1.760   | 1.962   |
| -----                       |                 |       |       |          |          |         |         |

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

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Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

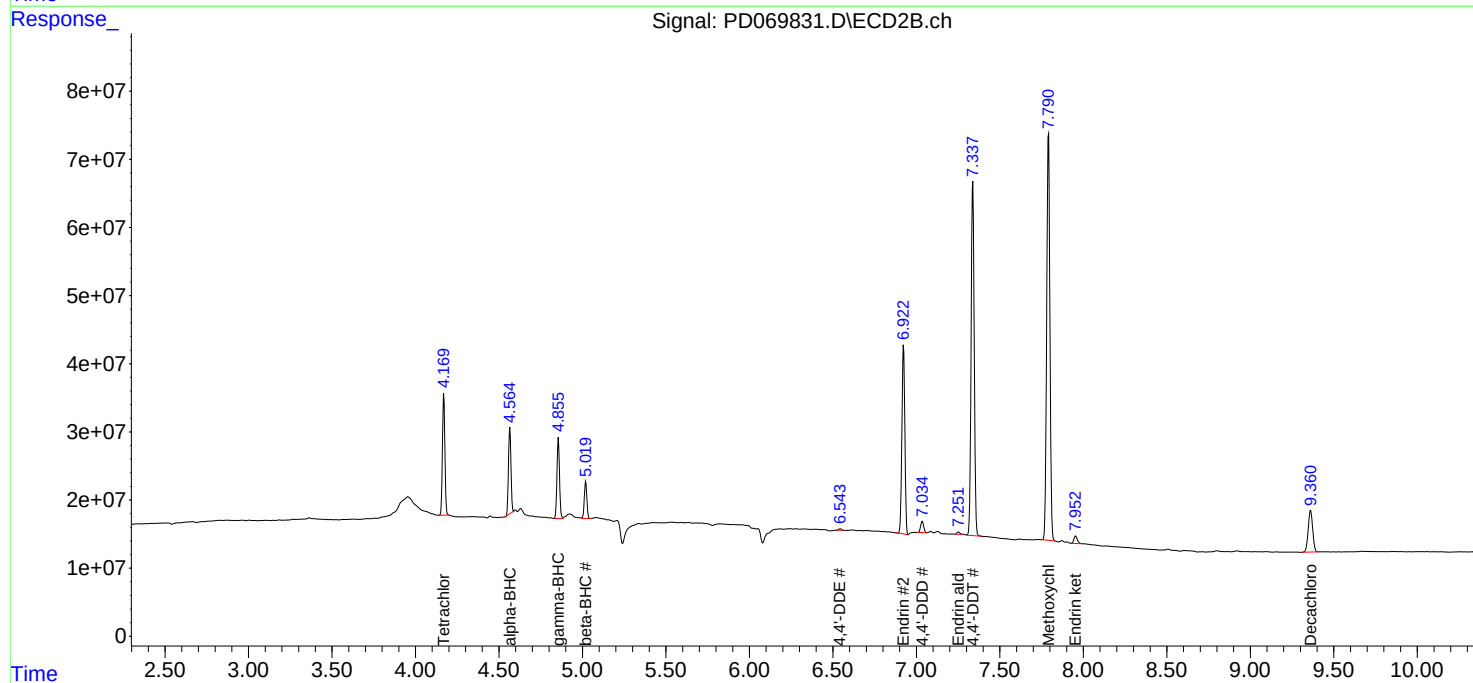
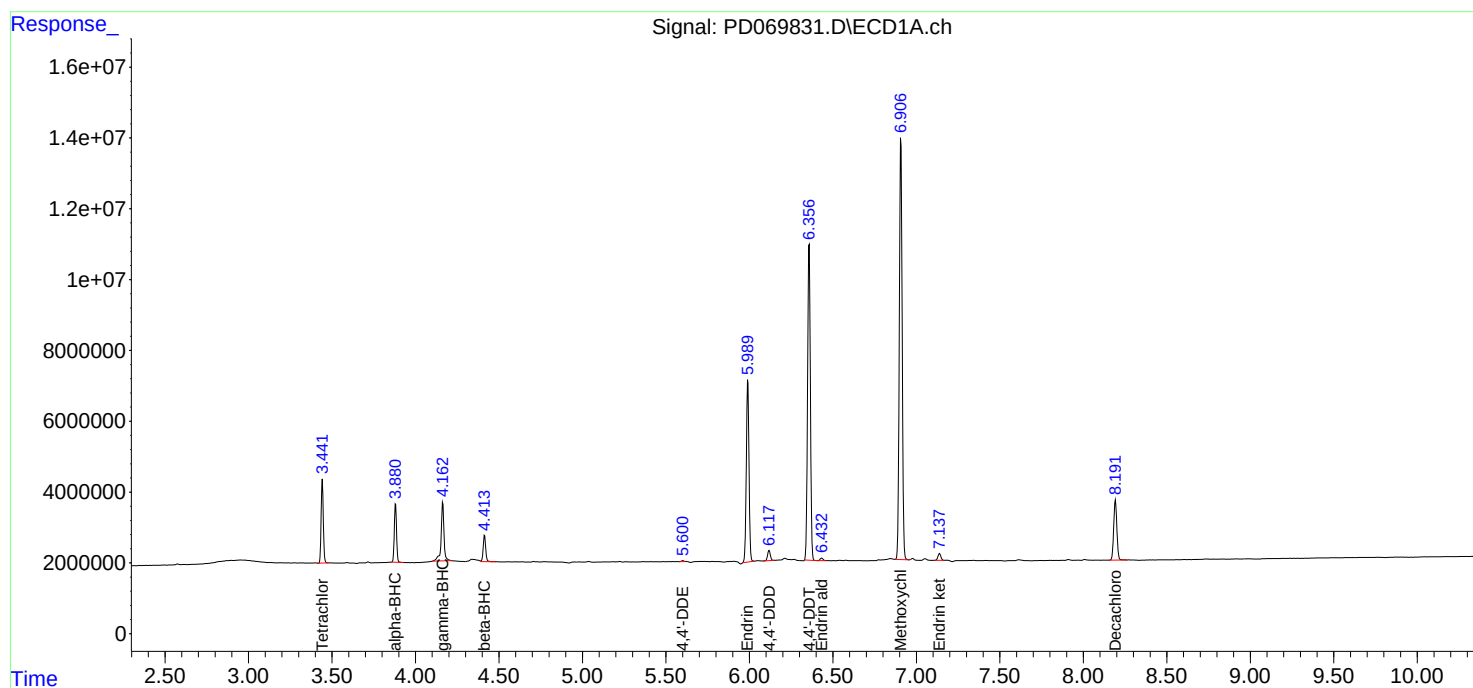
Instrument :  
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ClientSampleId :  
PEM

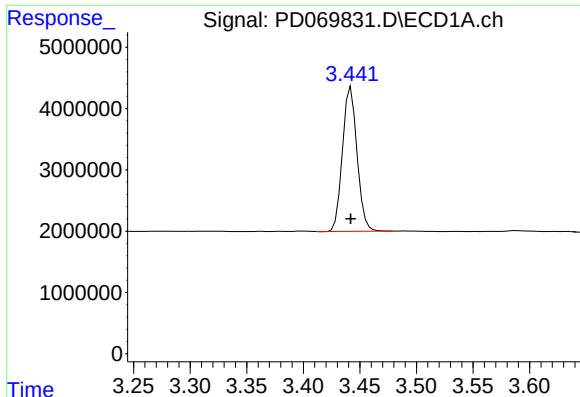
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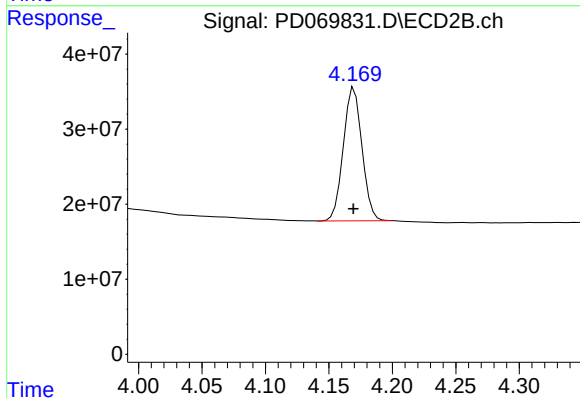
#1 Tetrachloro-m-xylene

R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 21092176  
Conc: 19.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

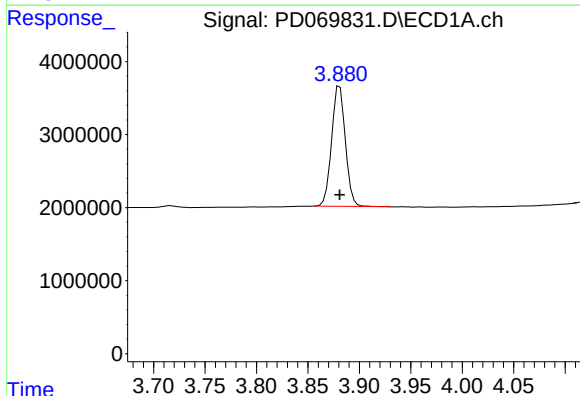
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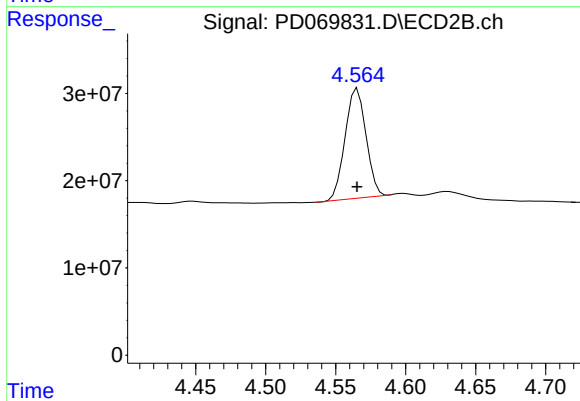
#1 Tetrachloro-m-xylene

R.T.: 4.170 min  
Delta R.T.: 0.000 min  
Response: 181656110  
Conc: 20.62 ng/ml



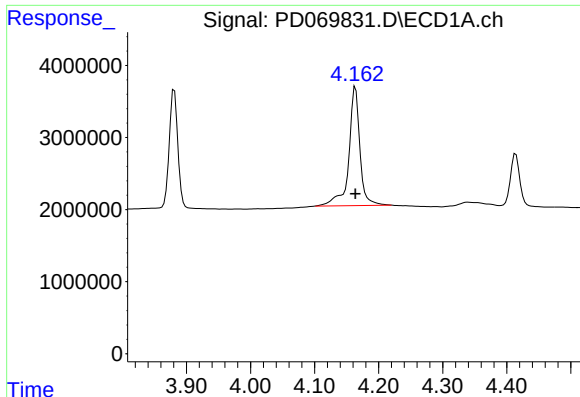
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: 0.000 min  
Response: 15308614  
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 4.566 min  
Delta R.T.: 0.000 min  
Response: 131833772  
Conc: 10.07 ng/ml



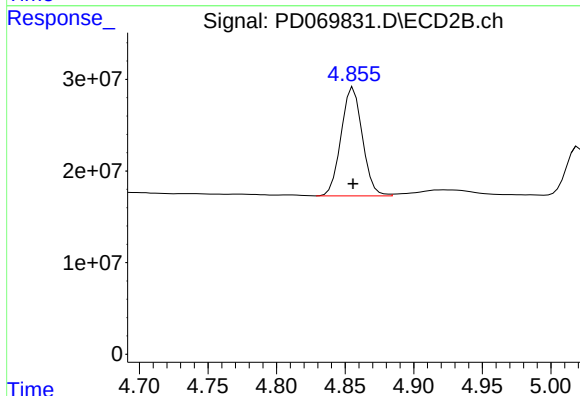
#3 gamma-BHC (Lindane)

R.T.: 4.164 min  
Delta R.T.: 0.000 min  
Response: 19801078  
Conc: 11.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

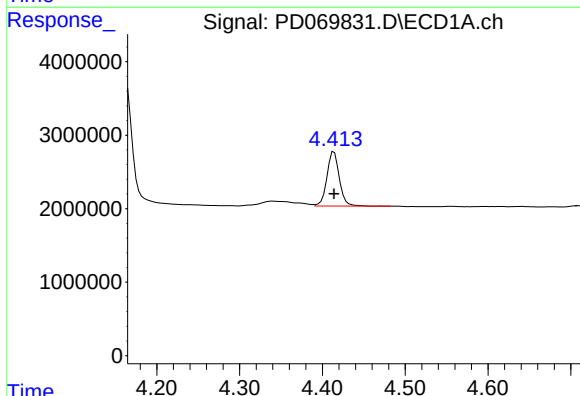
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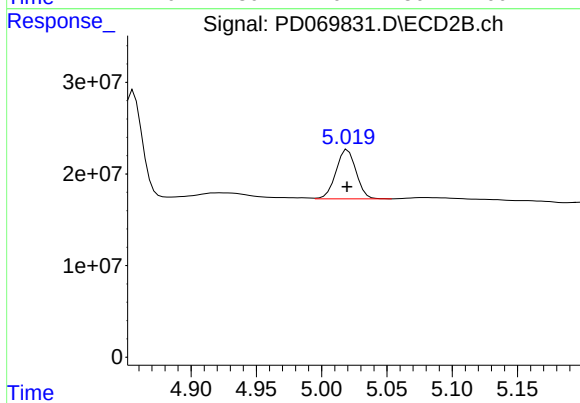
#3 gamma-BHC (Lindane)

R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 128152082  
Conc: 10.39 ng/ml



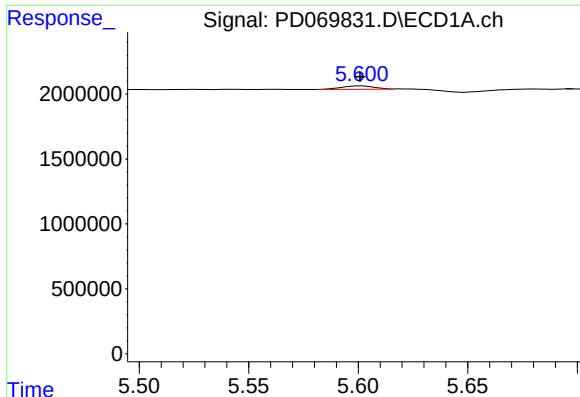
#6 beta-BHC

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 7701297  
Conc: 11.07 ng/ml



#6 beta-BHC

R.T.: 5.020 min  
Delta R.T.: 0.000 min  
Response: 57709215  
Conc: 10.99 ng/ml



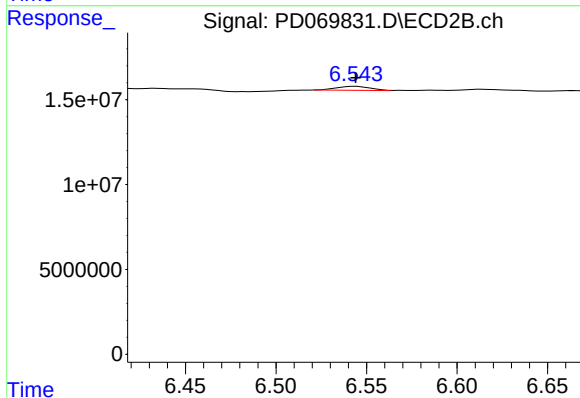
#12 4,4'-DDE

R.T.: 5.600 min  
Delta R.T.: 0.000 min  
Response: 274874  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

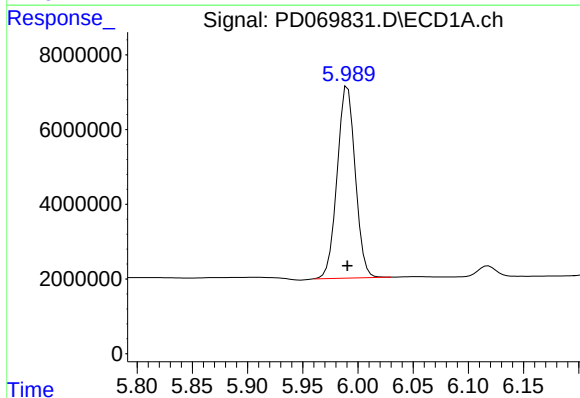
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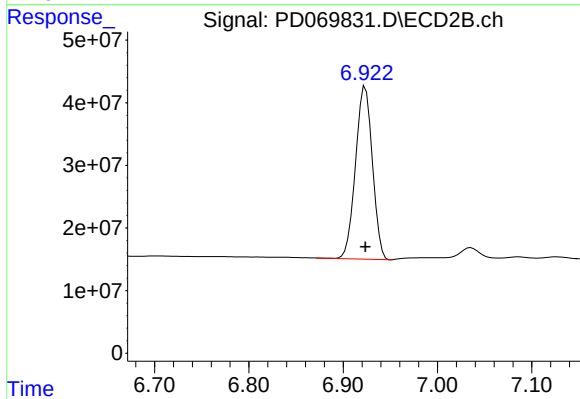
#12 4,4'-DDE

R.T.: 6.543 min  
Delta R.T.: -0.001 min  
Response: 3056590  
Conc: 0.34 ng/ml m



#14 Endrin

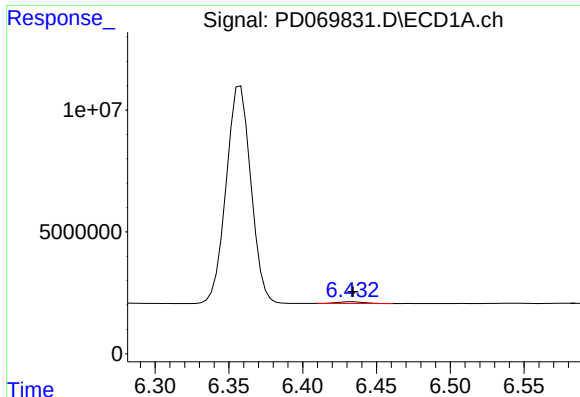
R.T.: 5.991 min  
Delta R.T.: 0.000 min  
Response: 58448334  
Conc: 50.62 ng/ml



#14 Endrin

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 344248904  
Conc: 51.01 ng/ml





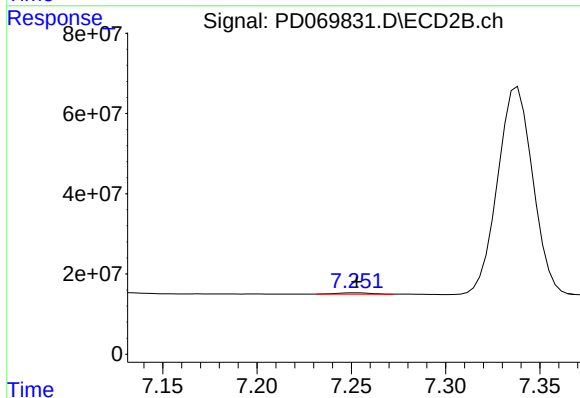
#18 Endrin aldehyde

R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 879659  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

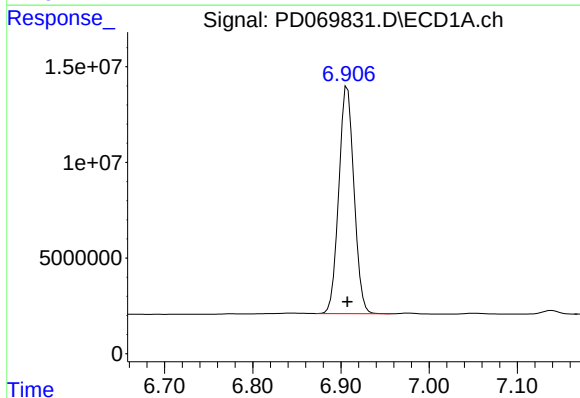
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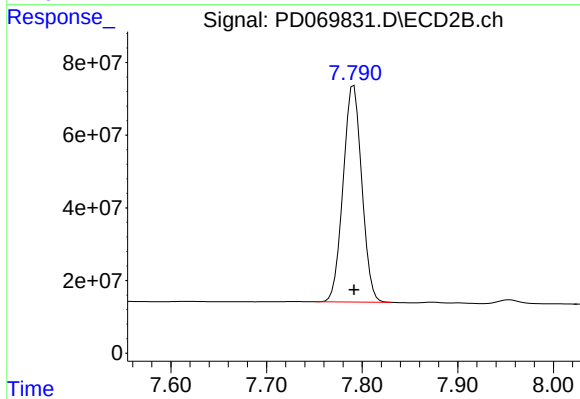
#18 Endrin aldehyde

R.T.: 7.251 min  
Delta R.T.: -0.002 min  
Response: 3978085  
Conc: 0.69 ng/ml m



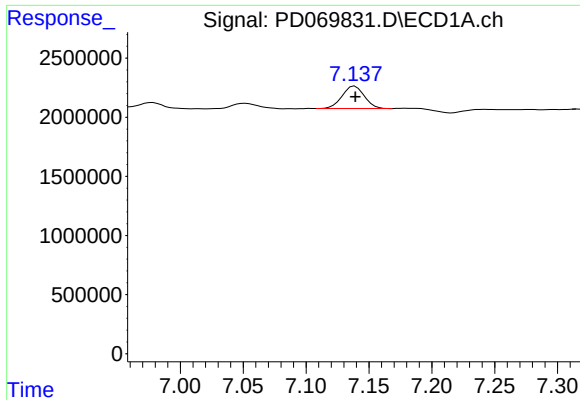
#20 Methoxychlor

R.T.: 6.907 min  
Delta R.T.: 0.000 min  
Response: 142060906  
Conc: 250.42 ng/ml



#20 Methoxychlor

R.T.: 7.791 min  
Delta R.T.: 0.000 min  
Response: 810548807  
Conc: 227.32 ng/ml



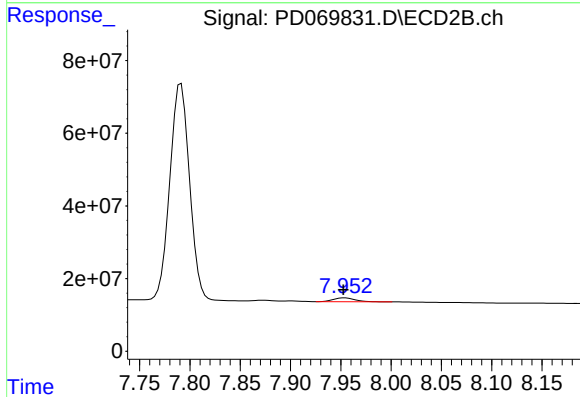
#21 Endrin ketone

R.T.: 7.139 min  
Delta R.T.: 0.000 min  
Response: 2344796  
Conc: 1.76 ng/ml

Instrument :  
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ClientSampleId :  
PEM

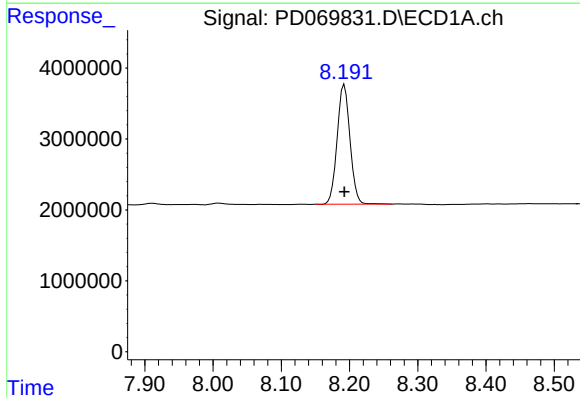
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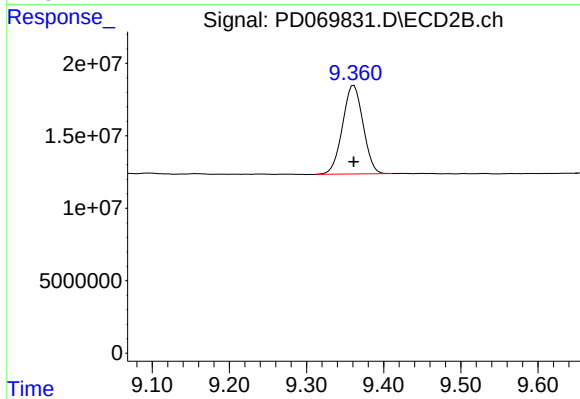
#21 Endrin ketone

R.T.: 7.954 min  
Delta R.T.: 0.001 min  
Response: 15616500  
Conc: 1.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.192 min  
Delta R.T.: 0.000 min  
Response: 22122575  
Conc: 20.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.361 min  
Delta R.T.: 0.000 min  
Response: 113143352  
Conc: 20.92 ng/ml