

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050821\  
 Data File : PD062791.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 May 2021 09:20  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 08 07:56:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 06 08:49:38 2021  
 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... | 3.441 | 3.970 | 19470273 | 246.8E6  | 21.896  | 21.319  |
| 28)                         | SA Decachlor... | 8.201 | 9.030 | 22881755 | 262.8E6  | 21.613  | 22.772  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.878 | 4.359 | 13897054 | 210.0E6  | 9.993   | 10.909  |
| 3)                          | MA gamma-BHC... | 4.161 | 4.644 | 13510356 | 183.7E6  | 10.339  | 10.626  |
| 6)                          | B beta-BHC      | 4.412 | 4.814 | 6714727  | 80199041 | 11.208  | 10.516  |
| 14)                         | MA Endrin       | 5.994 | 6.673 | 55186295 | 770.2E6  | 49.655  | 54.780  |
| 16)                         | A 4,4'-DDD      | 6.121 | 6.796 | 711613   | 13752615 | 0.747   | 1.064 # |
| 17)                         | MA 4,4'-DDT     | 6.361 | 7.094 | 104.7E6  | 1267.1E6 | 109.009 | 99.473  |
| 18)                         | B Endrin al...  | 6.434 | 7.004 | 612964   | 4004961  | 0.657   | 0.343m# |
| 20)                         | A Methoxychlor  | 6.908 | 7.553 | 138.2E6  | 1508.8E6 | 234.794 | 226.040 |
| 21)                         | B Endrin ke...  | 7.141 | 7.699 | 1341168  | 19215116 | 1.076   | 1.416 # |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 07 May 2021 09:20  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

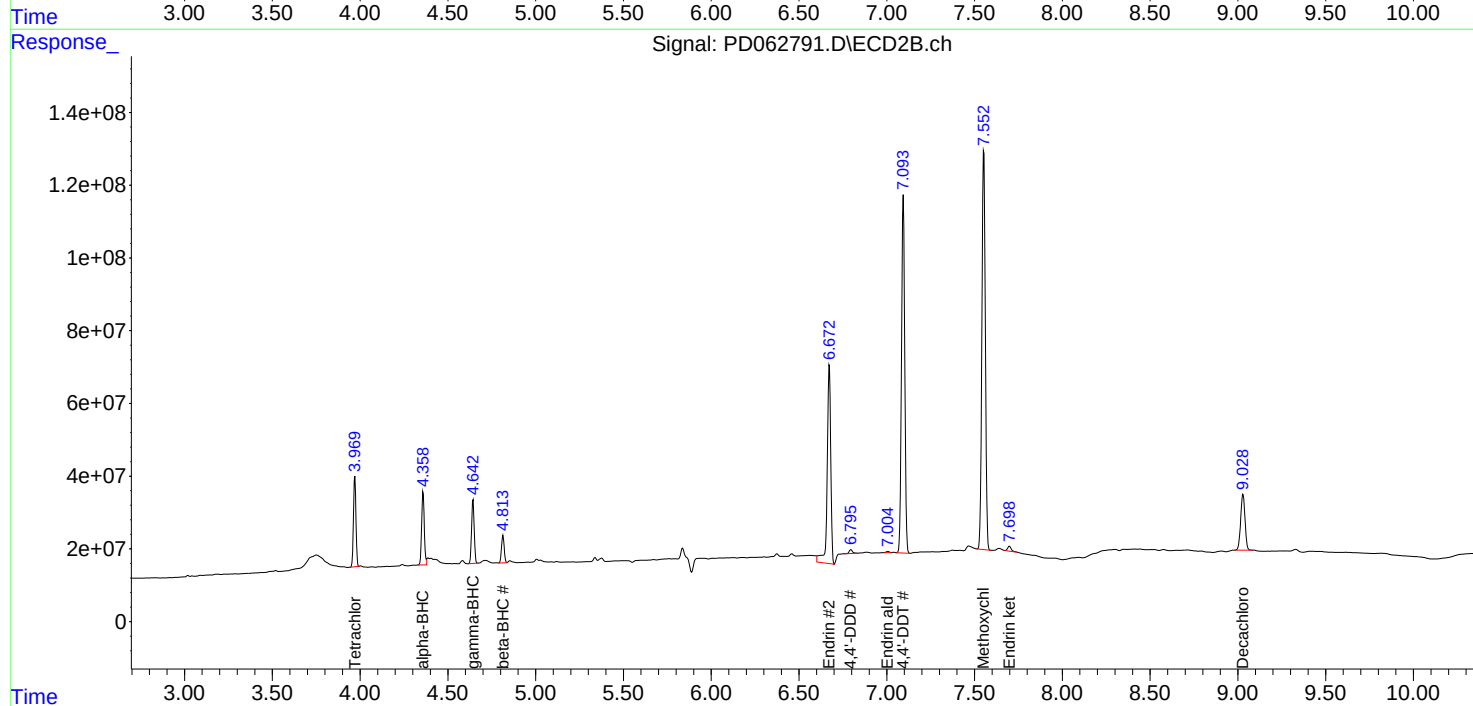
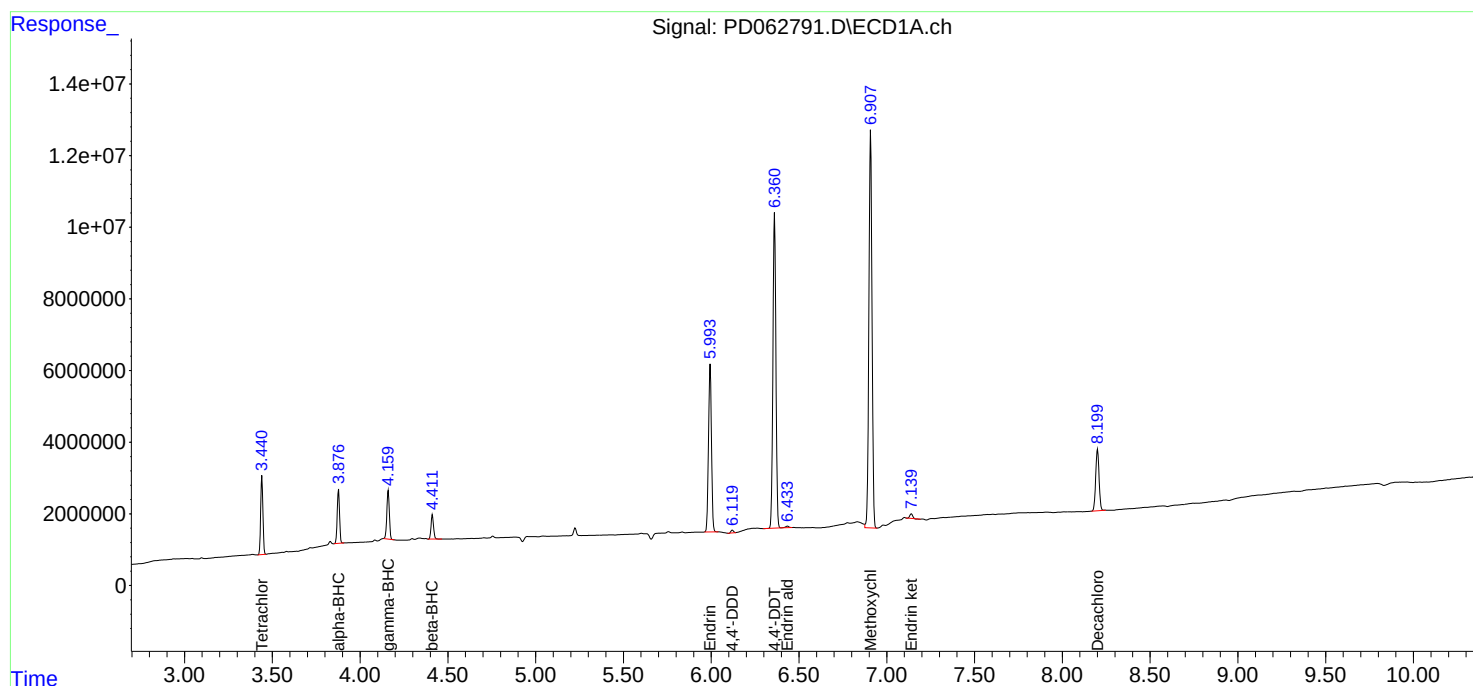
Instrument :  
ECD\_D  
ClientSampled :  
PEM

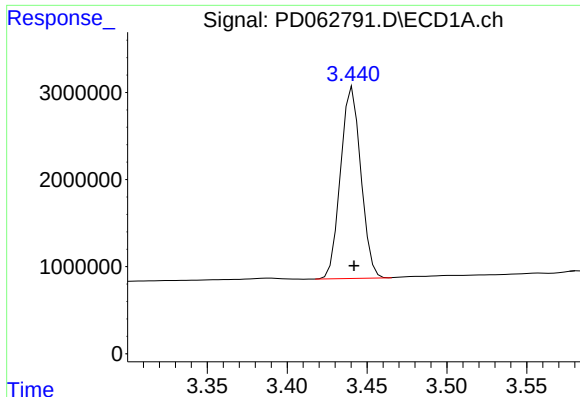
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 08 07:56:34 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050621.M  
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QLast Update : Thu May 06 08:49:38 2021  
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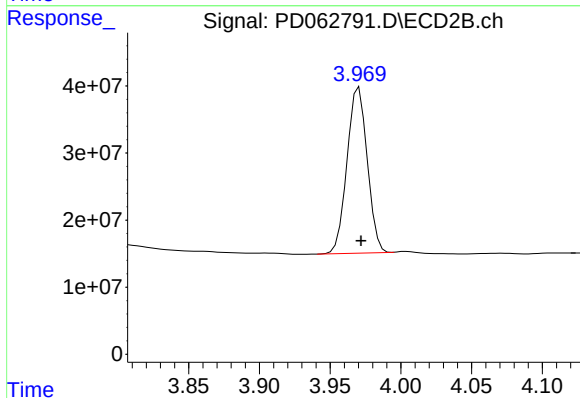
#1 Tetrachloro-m-xylene

R.T.: 3.441 min  
Delta R.T.: 0.000 min  
Response: 19470273  
Conc: 21.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

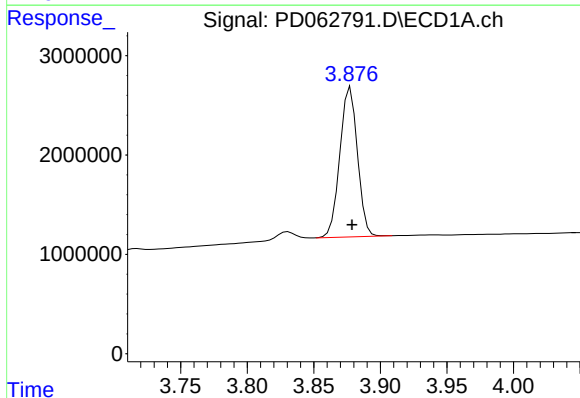
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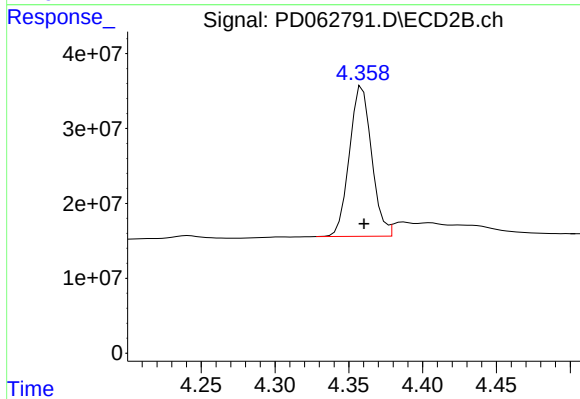
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: -0.001 min  
Response: 246813074  
Conc: 21.32 ng/ml



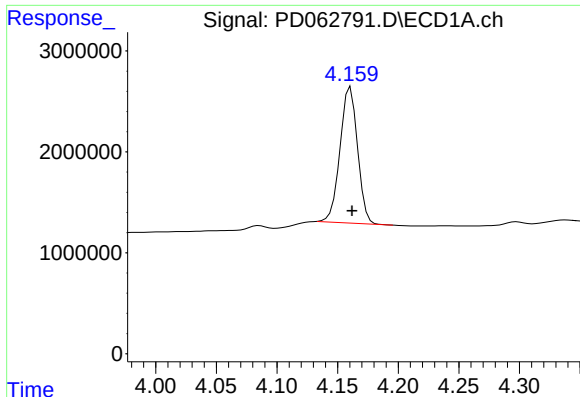
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: -0.001 min  
Response: 13897054  
Conc: 9.99 ng/ml



#2 alpha-BHC

R.T.: 4.359 min  
Delta R.T.: -0.001 min  
Response: 210029157  
Conc: 10.91 ng/ml



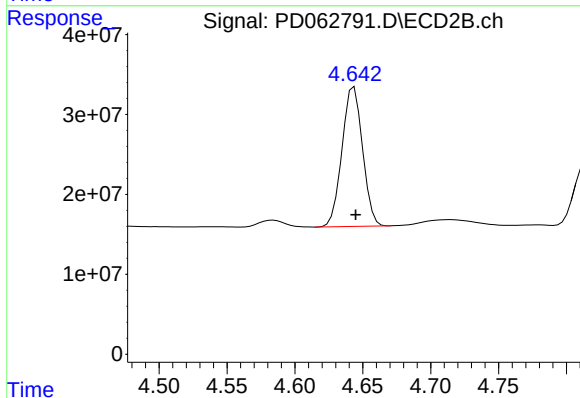
#3 gamma-BHC (Lindane)

R.T.: 4.161 min  
Delta R.T.: -0.001 min  
Response: 13510356  
Conc: 10.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

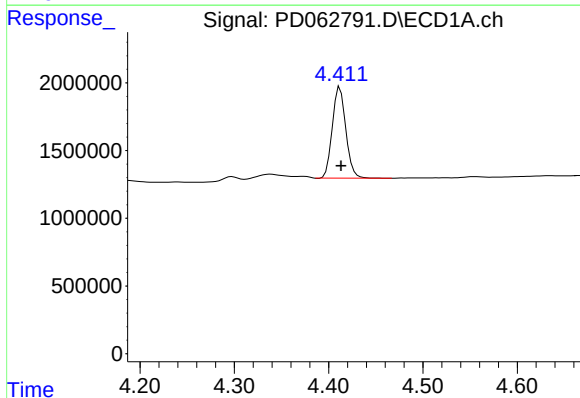
Manual Integrations  
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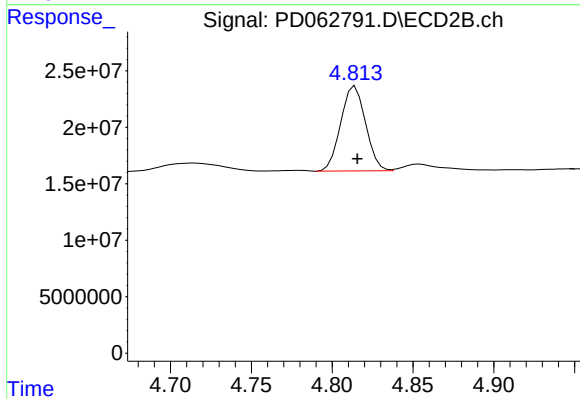
#3 gamma-BHC (Lindane)

R.T.: 4.644 min  
Delta R.T.: -0.001 min  
Response: 183667882  
Conc: 10.63 ng/ml



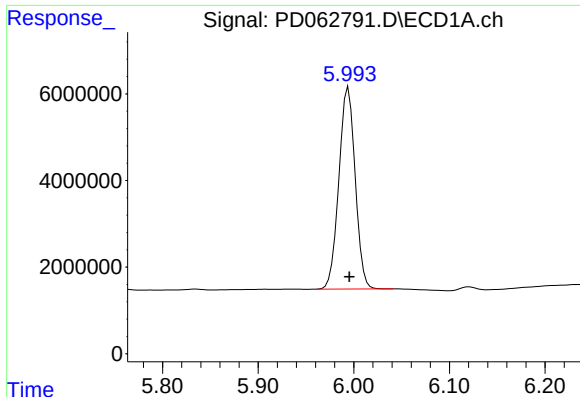
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: -0.001 min  
Response: 6714727  
Conc: 11.21 ng/ml



#6 beta-BHC

R.T.: 4.814 min  
Delta R.T.: -0.001 min  
Response: 80199041  
Conc: 10.52 ng/ml



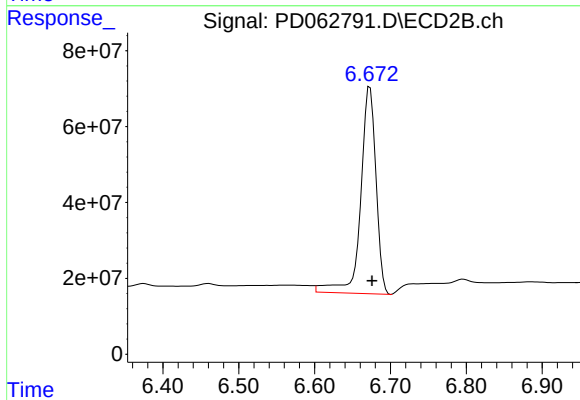
#14 Endrin

R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 55186295  
Conc: 49.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

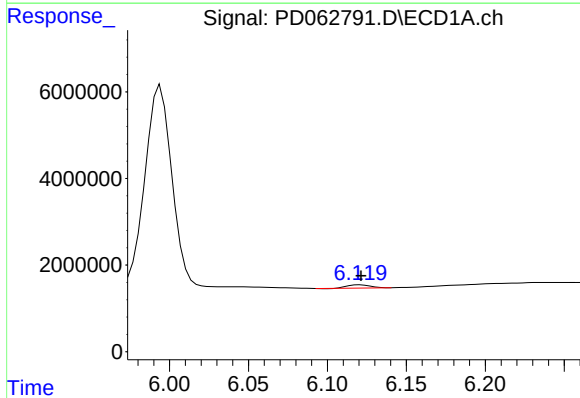
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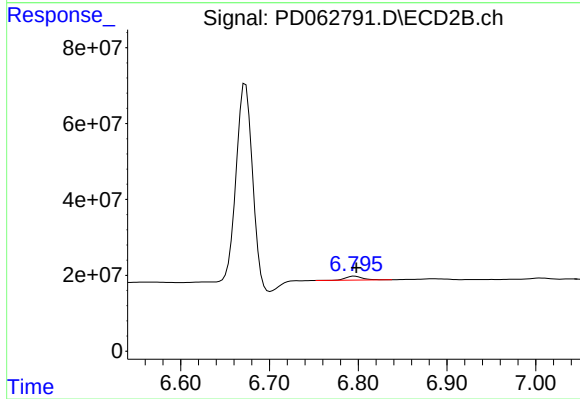
#14 Endrin

R.T.: 6.673 min  
Delta R.T.: -0.003 min  
Response: 770171943  
Conc: 54.78 ng/ml



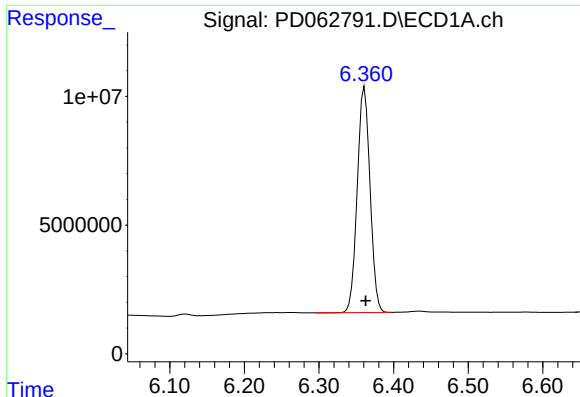
#16 4,4'-DDD

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 711613  
Conc: 0.75 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 13752615  
Conc: 1.06 ng/ml



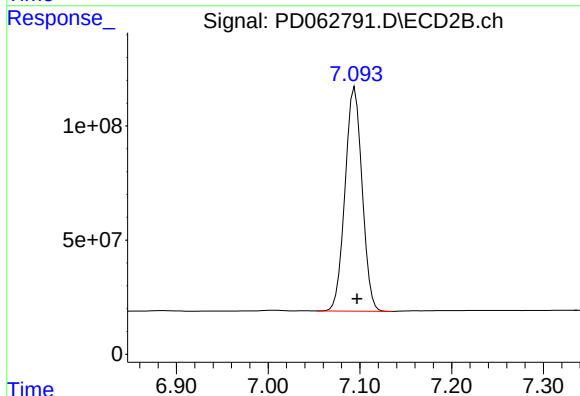
#17 4,4'-DDT

R.T.: 6.361 min  
Delta R.T.: -0.001 min  
Response: 104655679  
Conc: 109.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

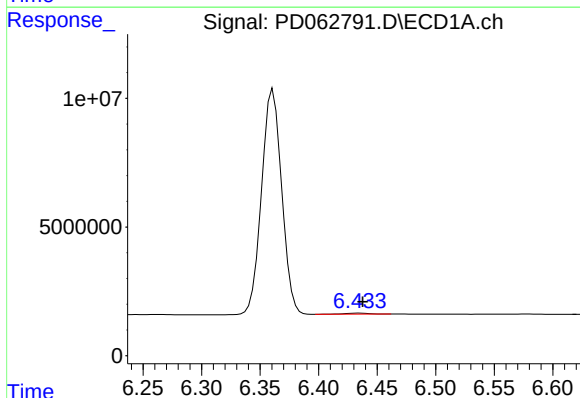
Manual Integrations  
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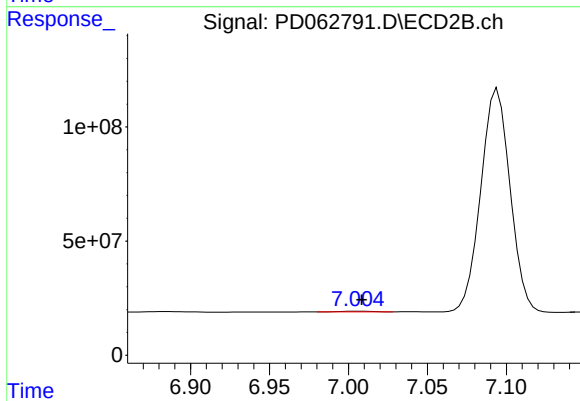
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: -0.002 min  
Response: 1267110661  
Conc: 99.47 ng/ml



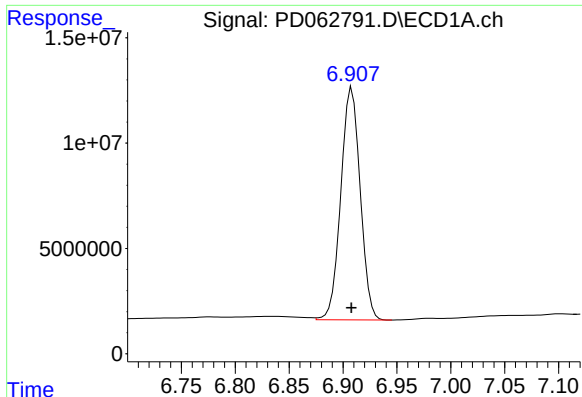
#18 Endrin aldehyde

R.T.: 6.434 min  
Delta R.T.: -0.003 min  
Response: 612964  
Conc: 0.66 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min  
Delta R.T.: -0.004 min  
Response: 4004961  
Conc: 0.34 ng/ml m



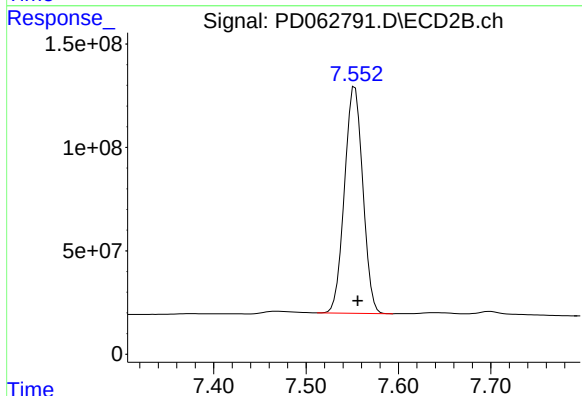
#20 Methoxychlor

R.T.: 6.908 min  
Delta R.T.: 0.000 min  
Response: 138218046  
Conc: 234.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

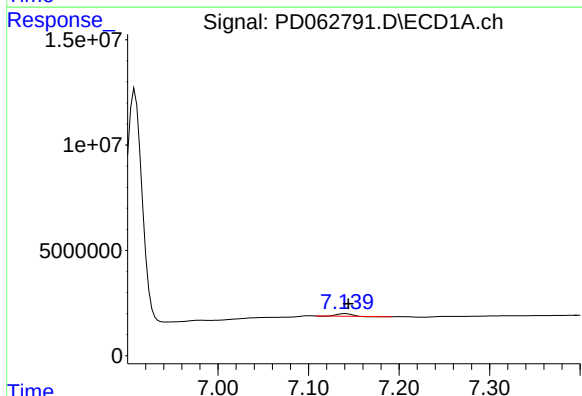
Manual Integrations  
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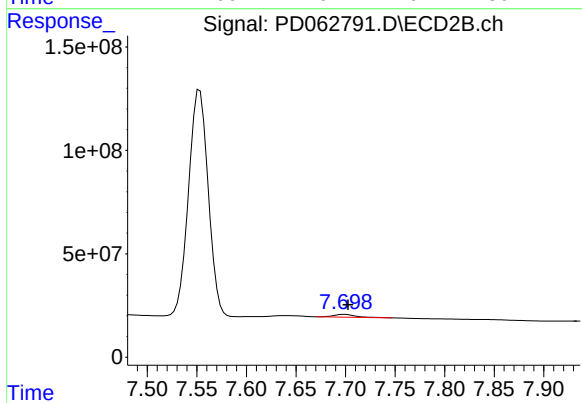
#20 Methoxychlor

R.T.: 7.553 min  
Delta R.T.: -0.003 min  
Response: 1508798876  
Conc: 226.04 ng/ml



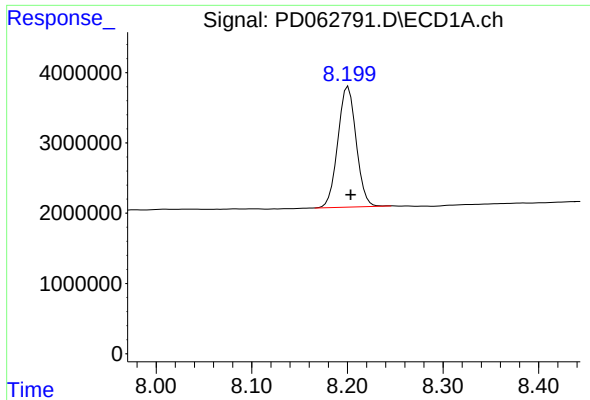
#21 Endrin ketone

R.T.: 7.141 min  
Delta R.T.: -0.003 min  
Response: 1341168  
Conc: 1.08 ng/ml



#21 Endrin ketone

R.T.: 7.699 min  
Delta R.T.: -0.004 min  
Response: 19215116  
Conc: 1.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.201 min

Delta R.T.: -0.003 min

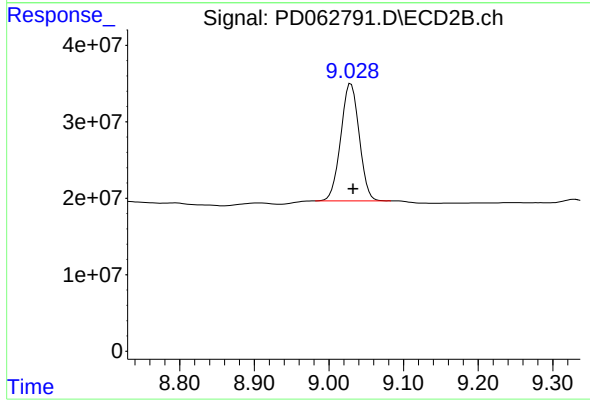
Response: 22881755

Conc: 21.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.030 min

Delta R.T.: -0.003 min

Response: 262771642

Conc: 22.77 ng/ml