

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011719\  
 Data File : PL043995.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jan 2019 10:08  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

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 1/18/2019 9:02:50 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 18 06:37:23 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 18 06:10:39 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.557 | 4.007 | 120.1E6  | 46737351 | 20.846  | 21.126  |
| 28)                         | SA Decachlor... | 8.281 | 9.075 | 144.0E6  | 46487300 | 21.320  | 21.768  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.997 | 4.397 | 79230080 | 27868754 | 8.829   | 9.188   |
| 3)                          | MA gamma-BHC... | 4.281 | 4.682 | 75523685 | 27693046 | 9.205   | 9.762   |
| 6)                          | B beta-BHC      | 4.533 | 4.853 | 35817430 | 13236009 | 10.234  | 10.448  |
| 12)                         | B 4,4'-DDE      | 5.712 | 6.345 | 1324237  | 697478   | 0.195m  | 0.320m# |
| 14)                         | MA Endrin       | 6.105 | 6.715 | 367.6E6  | 110.1E6  | 54.275  | 52.114  |
| 16)                         | A 4,4'-DDD      | 6.227 | 6.837 | 1907373  | 468115   | 0.340m  | 0.256m  |
| 17)                         | MA 4,4'-DDT     | 6.466 | 7.135 | 696.9E6  | 208.6E6  | 117.591 | 105.846 |
| 18)                         | B Endrin al...  | 6.543 | 7.048 | 2253671  | 812262   | 0.406m  | 0.435m  |
| 20)                         | A Methoxychlor  | 7.007 | 7.592 | 905.5E6  | 273.0E6  | 271.197 | 251.930 |
| 21)                         | B Endrin ke...  | 7.243 | 7.739 | 4934420  | 1575949  | 0.678m  | 0.716m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL043995.D  
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Acq On : 17 Jan 2019 10:08  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

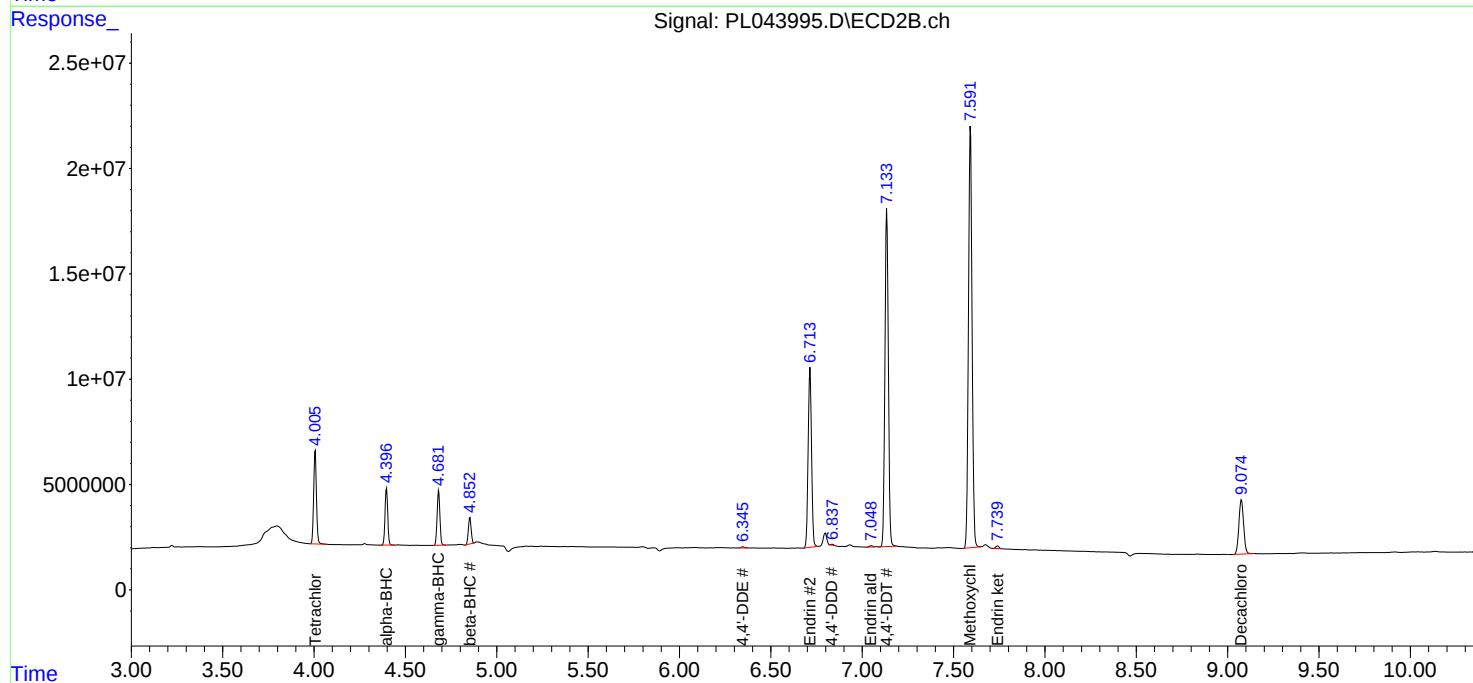
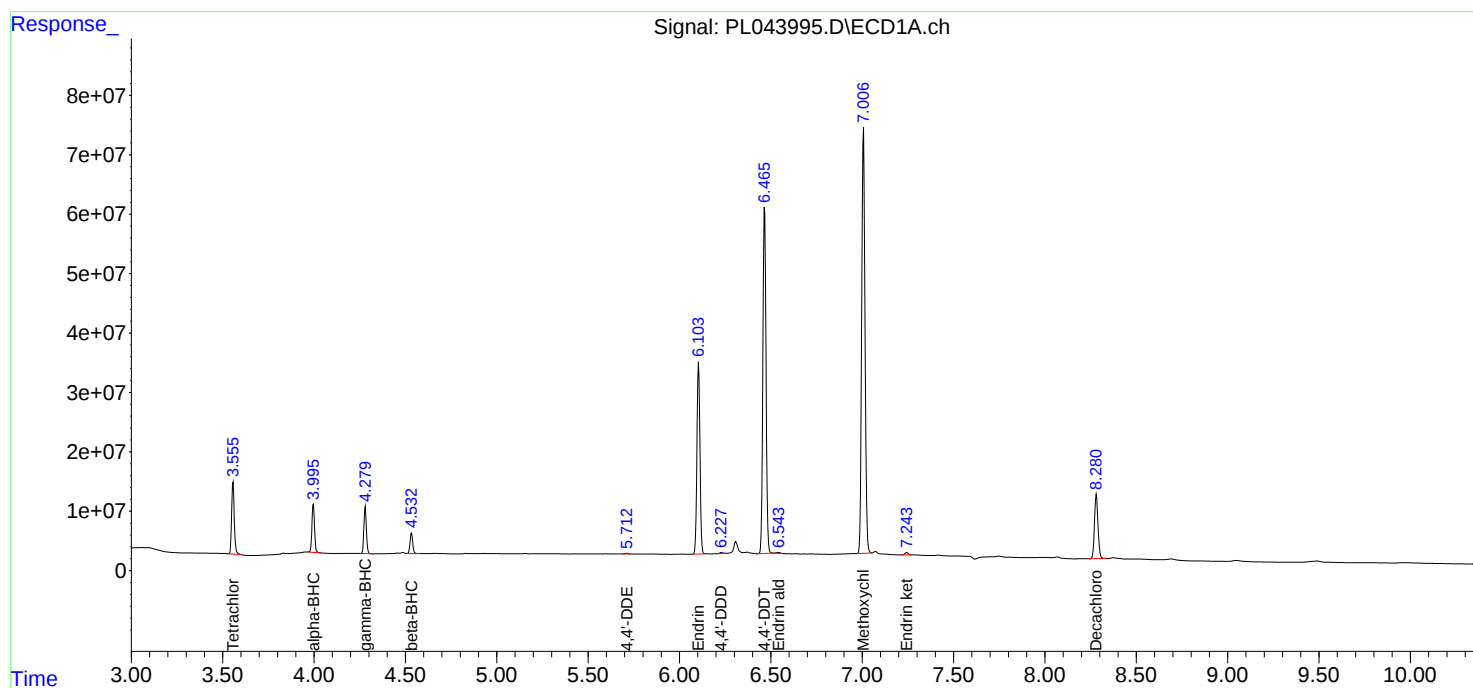
Instrument :  
ECD\_L  
ClientSampled :  
PEM

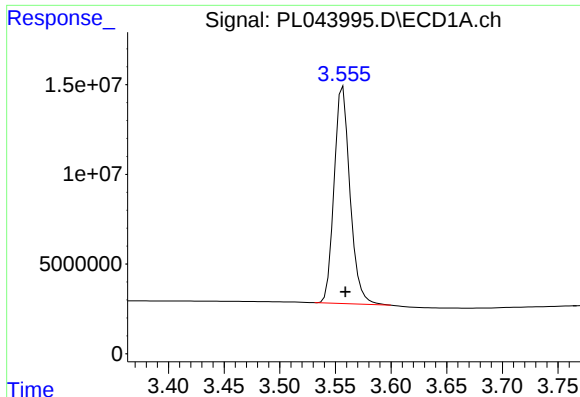
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 18 06:37:23 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011719.M  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





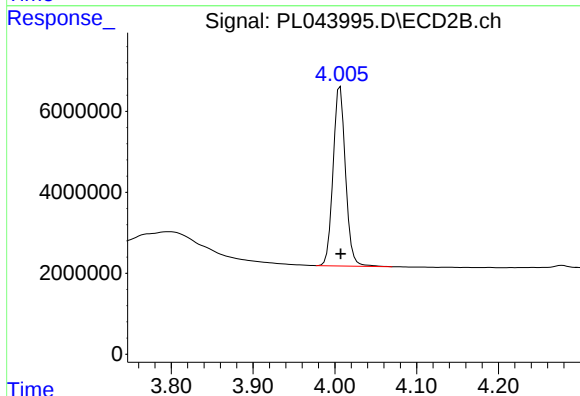
#1 Tetrachloro-m-xylene

R.T.: 3.557 min  
Delta R.T.: -0.002 min  
Response: 120106306  
Conc: 20.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

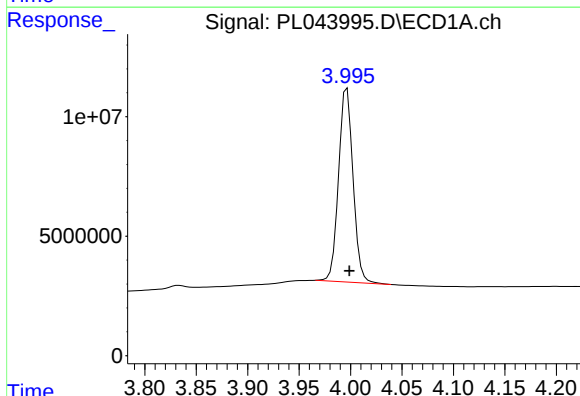
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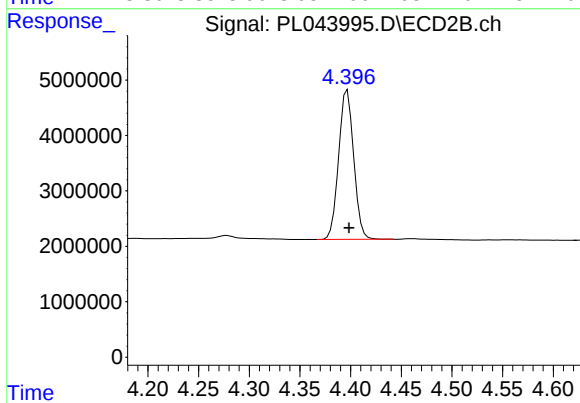
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 46737351  
Conc: 21.13 ng/ml



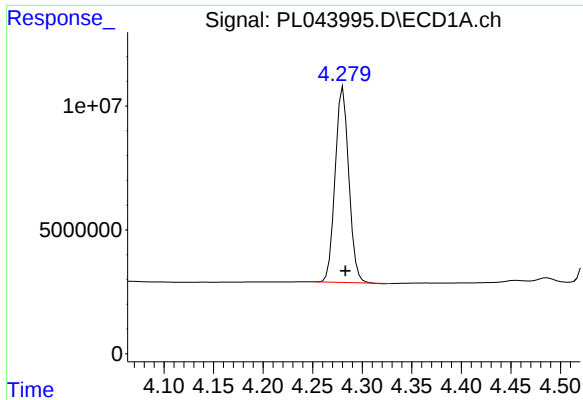
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: -0.003 min  
Response: 79230080  
Conc: 8.83 ng/ml



#2 alpha-BHC

R.T.: 4.397 min  
Delta R.T.: -0.002 min  
Response: 27868754  
Conc: 9.19 ng/ml



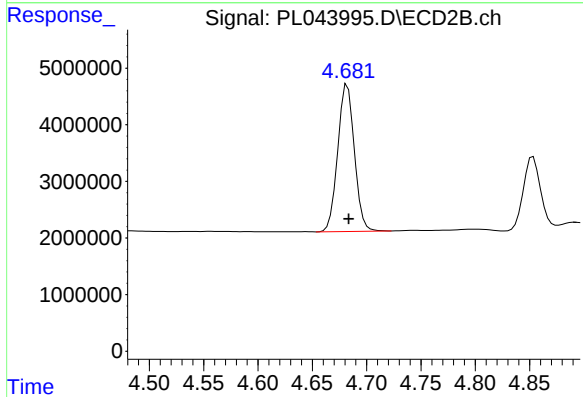
#3 gamma-BHC (Lindane)

R.T.: 4.281 min  
Delta R.T.: -0.003 min  
Response: 75523685  
Conc: 9.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

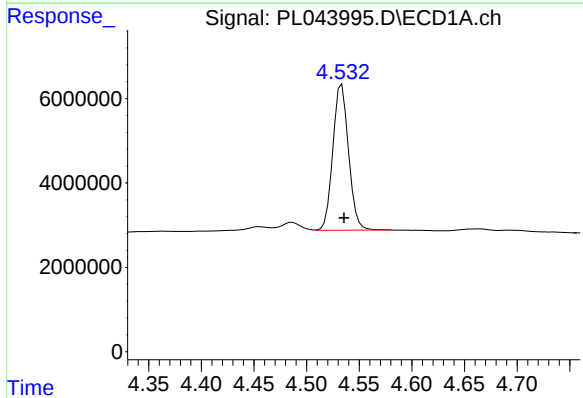
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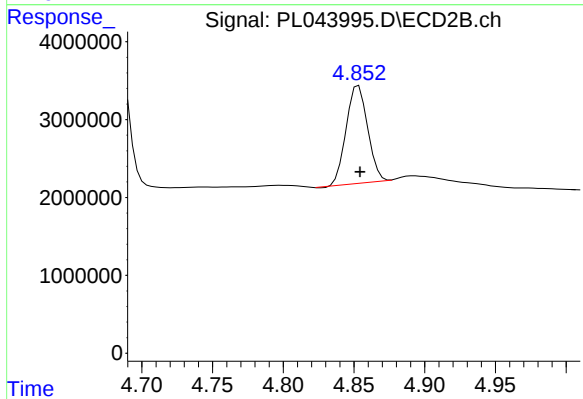
#3 gamma-BHC (Lindane)

R.T.: 4.682 min  
Delta R.T.: -0.001 min  
Response: 27693046  
Conc: 9.76 ng/ml



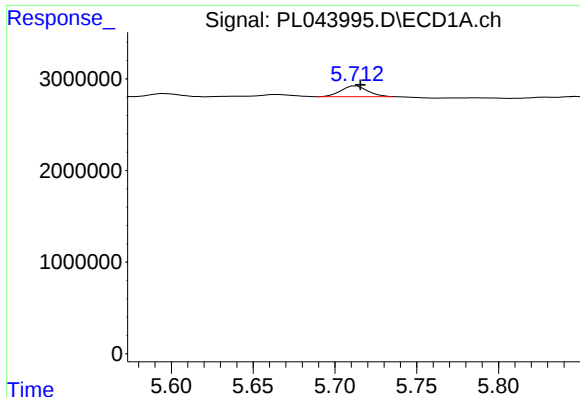
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: -0.002 min  
Response: 35817430  
Conc: 10.23 ng/ml



#6 beta-BHC

R.T.: 4.853 min  
Delta R.T.: 0.000 min  
Response: 13236009  
Conc: 10.45 ng/ml



#12 4,4'-DDE

R.T.: 5.712 min  
Delta R.T.: -0.004 min  
Response: 1324237  
Conc: 0.19 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
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#12 4,4'-DDE

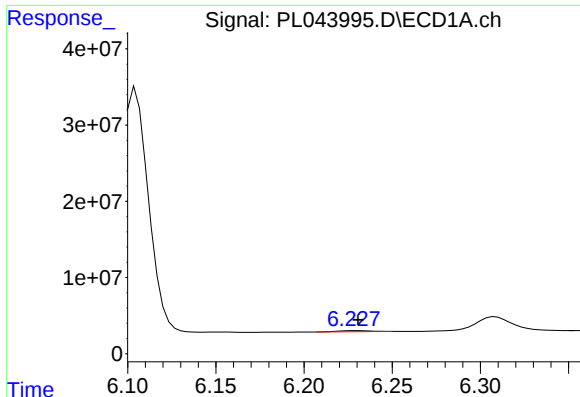
R.T.: 6.345 min  
Delta R.T.: -0.002 min  
Response: 697478  
Conc: 0.32 ng/ml m

#14 Endrin

R.T.: 6.105 min  
Delta R.T.: -0.002 min  
Response: 367561217  
Conc: 54.28 ng/ml

#14 Endrin

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 110079013  
Conc: 52.11 ng/ml



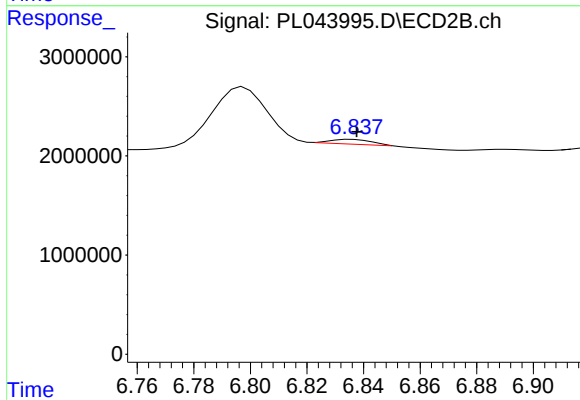
#16 4,4'-DDD

R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 1907373  
Conc: 0.34 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

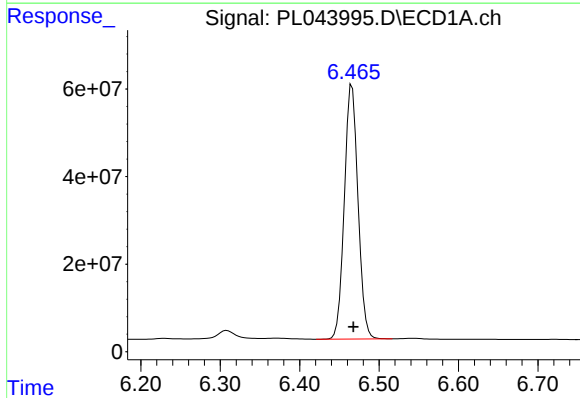
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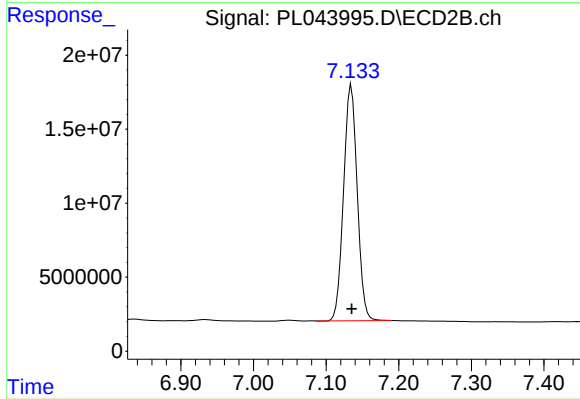
#16 4,4'-DDD

R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 468115  
Conc: 0.26 ng/ml m



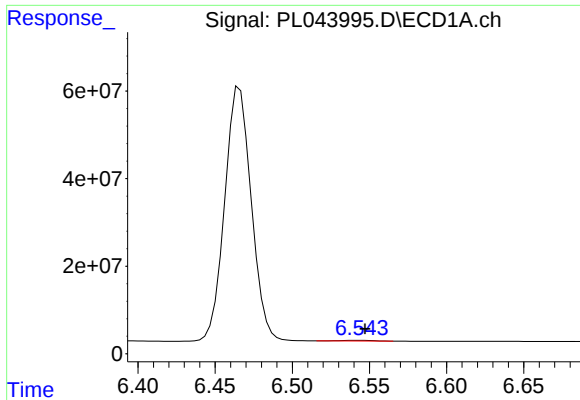
#17 4,4'-DDT

R.T.: 6.466 min  
Delta R.T.: -0.002 min  
Response: 696863617  
Conc: 117.59 ng/ml



#17 4,4'-DDT

R.T.: 7.135 min  
Delta R.T.: 0.000 min  
Response: 208594561  
Conc: 105.85 ng/ml



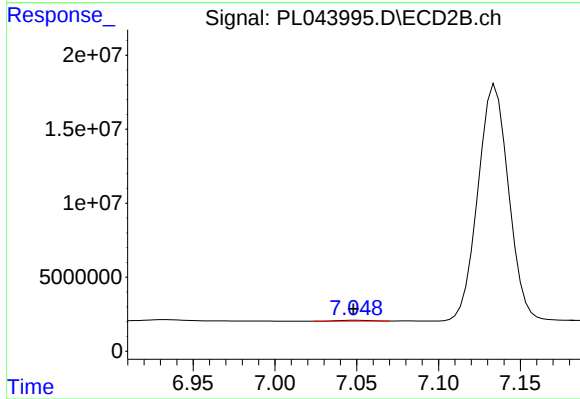
#18 Endrin aldehyde

R.T.: 6.543 min  
Delta R.T.: -0.004 min  
Response: 2253671  
Conc: 0.41 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

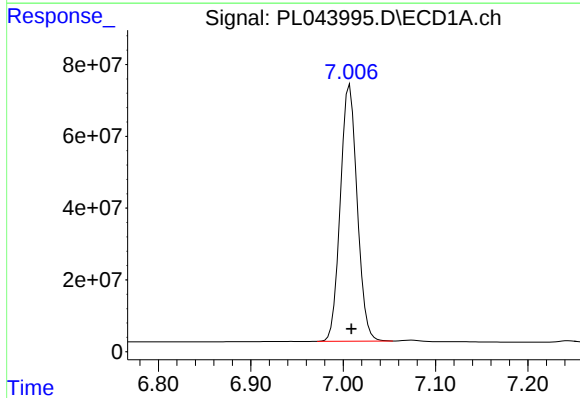
Manual Integrations  
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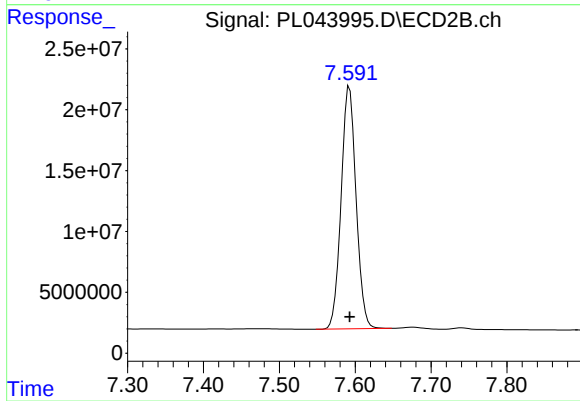
#18 Endrin aldehyde

R.T.: 7.048 min  
Delta R.T.: 0.000 min  
Response: 812262  
Conc: 0.43 ng/ml m



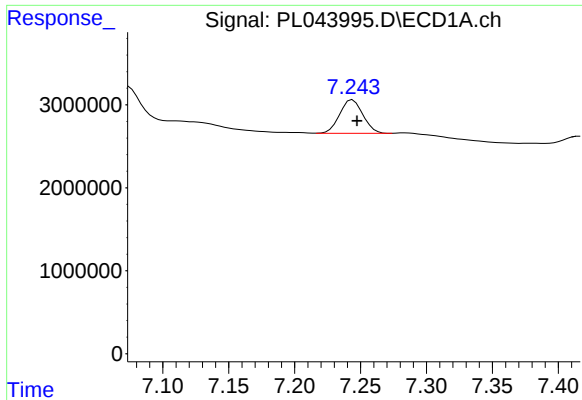
#20 Methoxychlor

R.T.: 7.007 min  
Delta R.T.: -0.002 min  
Response: 905490862  
Conc: 271.20 ng/ml



#20 Methoxychlor

R.T.: 7.592 min  
Delta R.T.: 0.000 min  
Response: 272994956  
Conc: 251.93 ng/ml



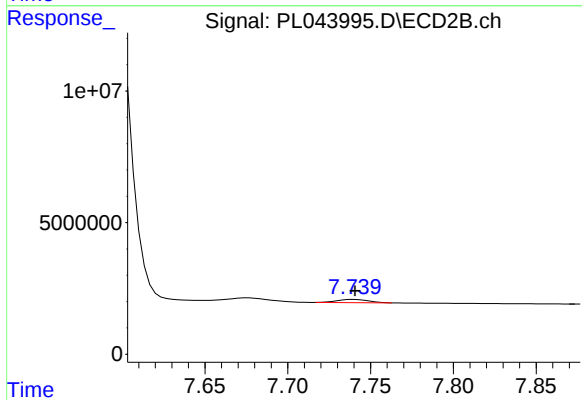
#21 Endrin ketone

R.T.: 7.243 min  
Delta R.T.: -0.005 min  
Response: 4934420  
Conc: 0.68 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

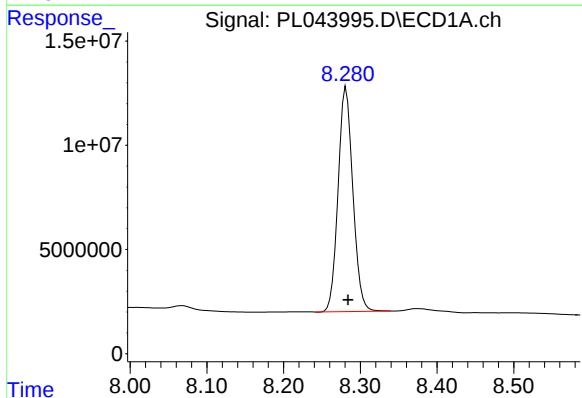
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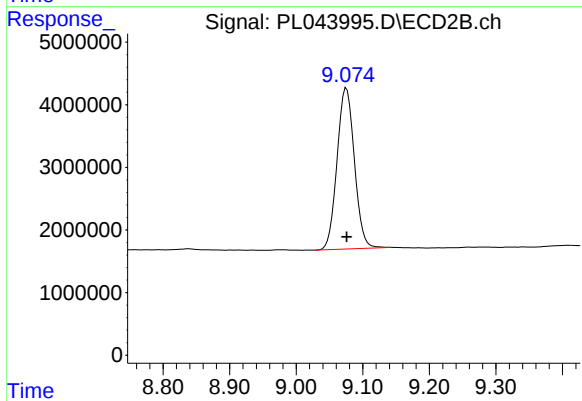
#21 Endrin ketone

R.T.: 7.739 min  
Delta R.T.: -0.002 min  
Response: 1575949  
Conc: 0.72 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.281 min  
Delta R.T.: -0.003 min  
Response: 144028081  
Conc: 21.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min  
Delta R.T.: 0.000 min  
Response: 46487300  
Conc: 21.77 ng/ml