

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083018\  
 Data File : PL039600.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2018 12:58  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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 8/31/2018 12:24:57 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 02:05:19 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 2018  
 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... | 3.303 | 3.905 | 153.8E6  | 65278230 | 21.995  | 24.349  |
| 28)                         | SA Decachlor... | 7.957 | 8.891 | 145.7E6  | 55102558 | 20.745  | 23.745  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.730 | 4.282 | 119.8E6  | 44778072 | 10.133  | 10.634  |
| 3)                          | MA gamma-BHC... | 4.005 | 4.561 | 109.5E6  | 42270665 | 10.320  | 10.498  |
| 6)                          | B beta-BHC      | 4.261 | 4.723 | 48780932 | 19835669 | 10.501  | 11.325  |
| 12)                         | B 4,4'-DDE      | 5.405 | 6.206 | 4913949  | 966048   | 0.513m  | 0.312m# |
| 14)                         | MA Endrin       | 5.781 | 6.567 | 415.6E6  | 132.5E6  | 46.427  | 51.513  |
| 16)                         | A 4,4'-DDD      | 5.917 | 6.690 | 34000912 | 10161332 | 4.267   | 4.537   |
| 17)                         | MA 4,4'-DDT     | 6.150 | 6.988 | 769.6E6  | 250.6E6  | 101.521 | 106.467 |
| 18)                         | B Endrin al...  | 6.221 | 6.889 | 6055488  | 2181986  | 0.894m  | 1.005m  |
| 20)                         | A Methoxychlor  | 6.698 | 7.444 | 931.0E6  | 300.8E6  | 227.517 | 242.878 |
| 21)                         | B Endrin ke...  | 6.915 | 7.576 | 22628978 | 5273577  | 2.629   | 2.134   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083018\  
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Acq On : 30 Aug 2018 12:58  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

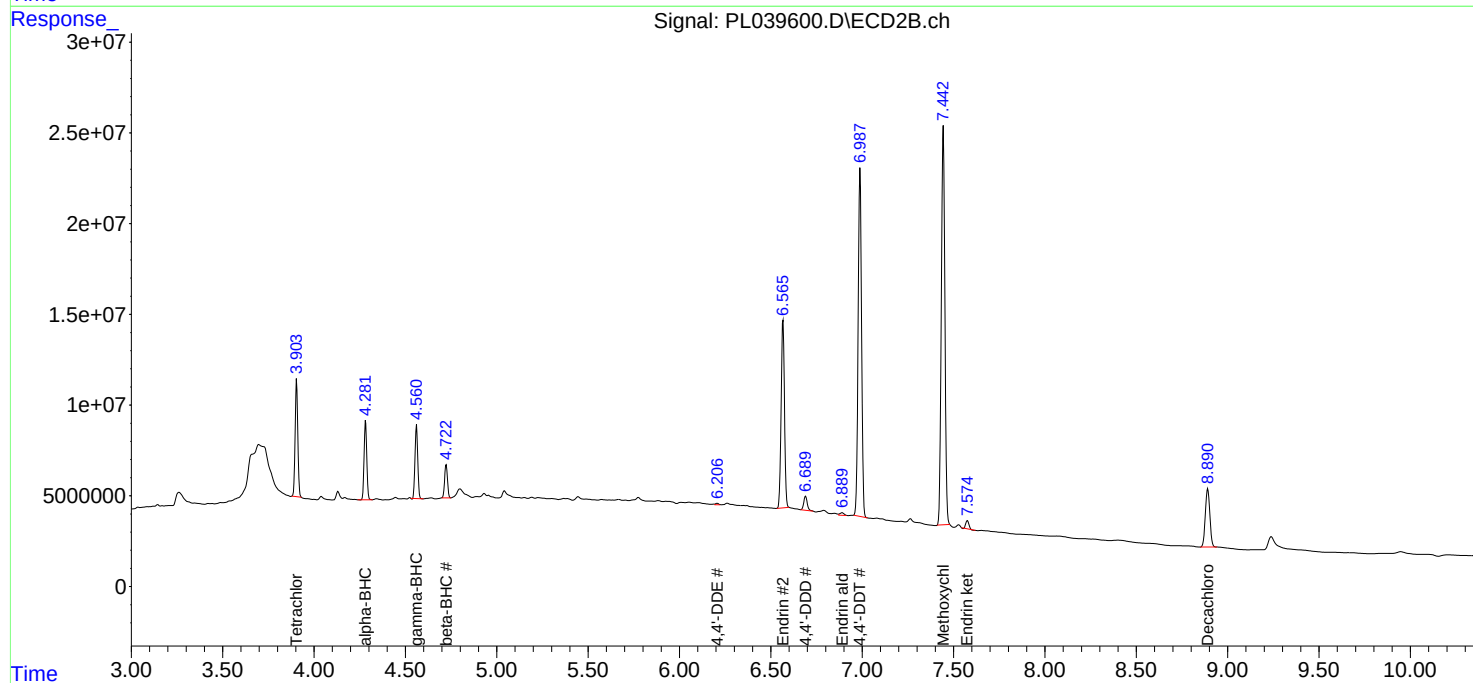
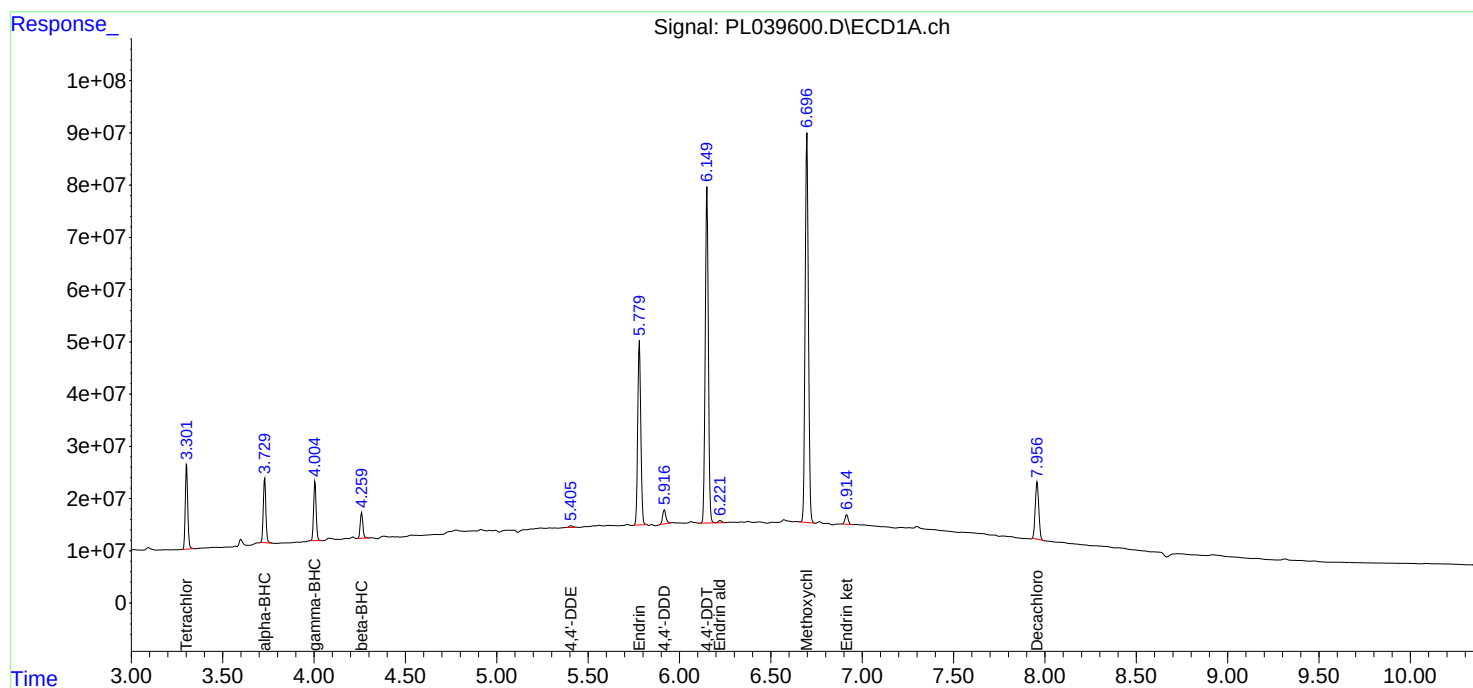
Instrument :  
ECD\_L  
ClientSampled :  
PEM

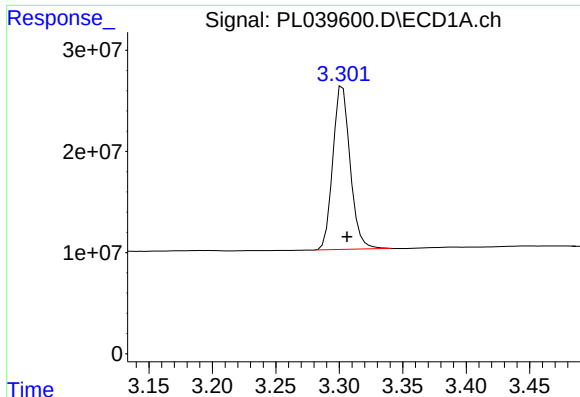
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 02:05:19 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 2018  
Response via : Initial Calibration  
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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





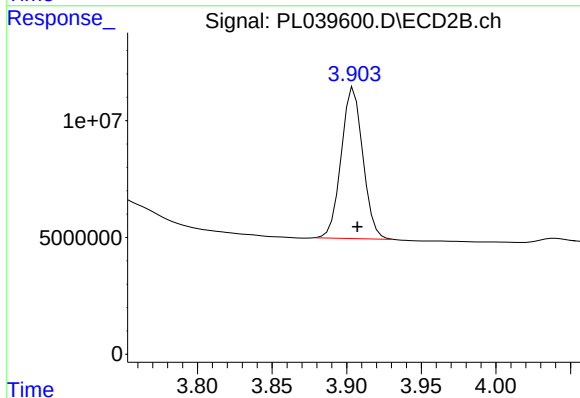
#1 Tetrachloro-m-xylene

R.T.: 3.303 min  
Delta R.T.: -0.003 min  
Response: 153756542  
Conc: 22.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

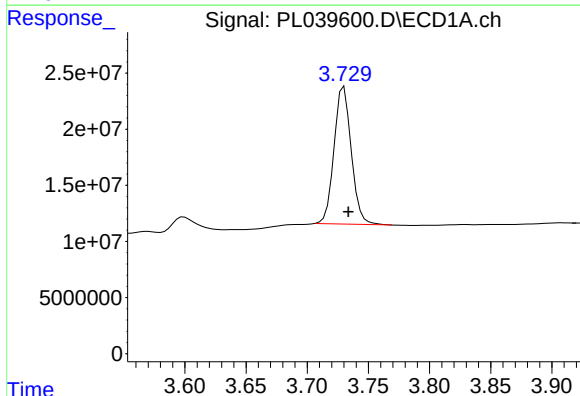
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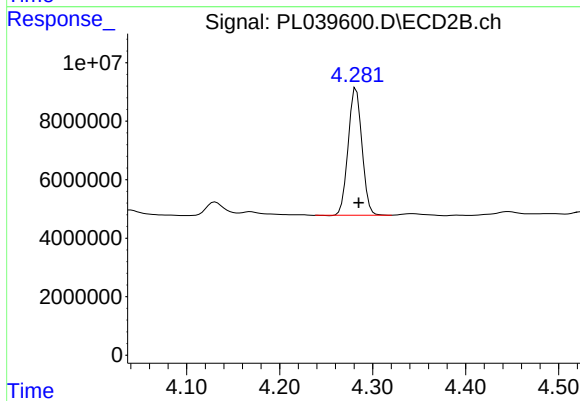
#1 Tetrachloro-m-xylene

R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 65278230  
Conc: 24.35 ng/ml



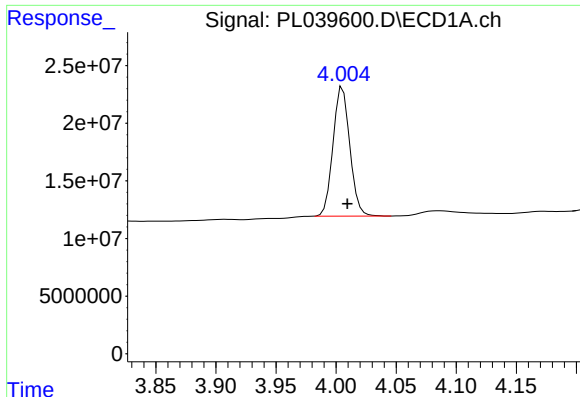
#2 alpha-BHC

R.T.: 3.730 min  
Delta R.T.: -0.003 min  
Response: 119776772  
Conc: 10.13 ng/ml



#2 alpha-BHC

R.T.: 4.282 min  
Delta R.T.: -0.003 min  
Response: 44778072  
Conc: 10.63 ng/ml



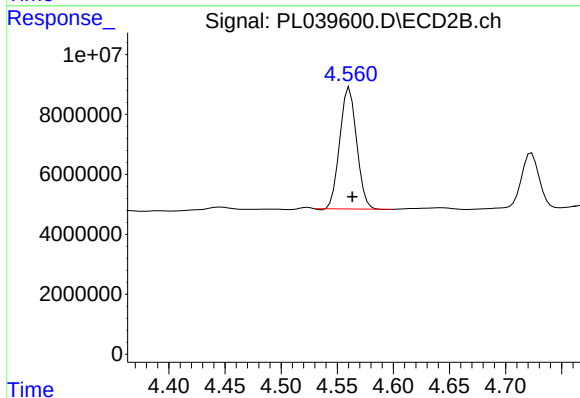
#3 gamma-BHC (Lindane)

R.T.: 4.005 min  
Delta R.T.: -0.004 min  
Response: 109456343  
Conc: 10.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

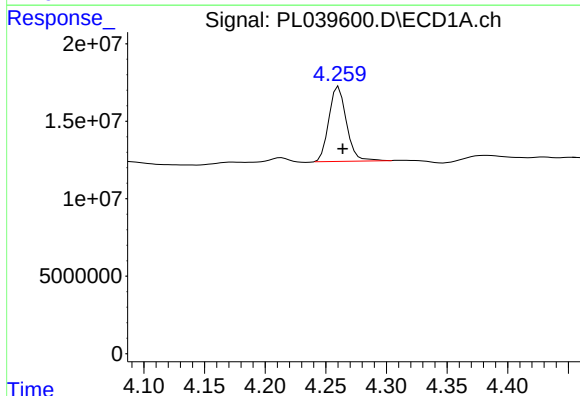
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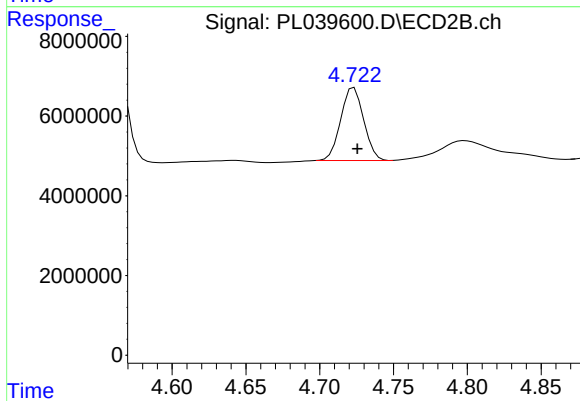
#3 gamma-BHC (Lindane)

R.T.: 4.561 min  
Delta R.T.: -0.002 min  
Response: 42270665  
Conc: 10.50 ng/ml



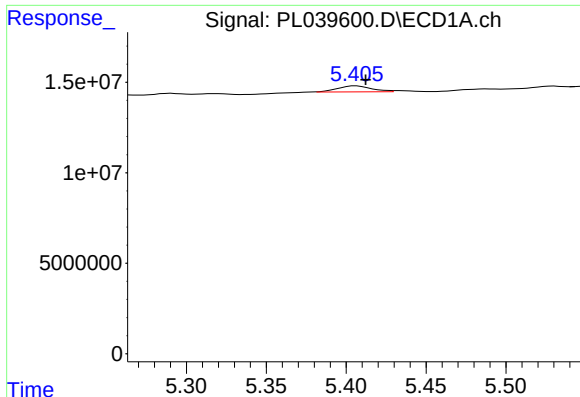
#6 beta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.003 min  
Response: 48780932  
Conc: 10.50 ng/ml



#6 beta-BHC

R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 19835669  
Conc: 11.32 ng/ml



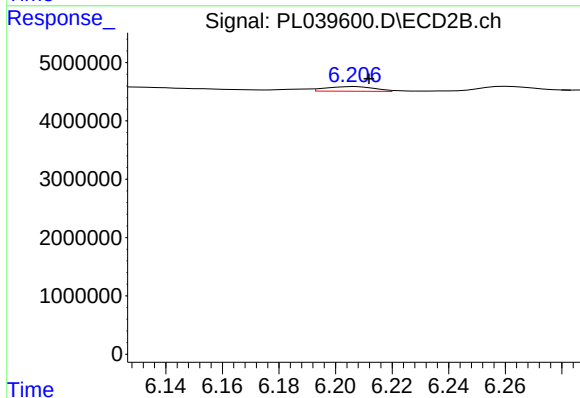
#12 4,4'-DDE

R.T.: 5.405 min  
Delta R.T.: -0.007 min  
Response: 4913949  
Conc: 0.51 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

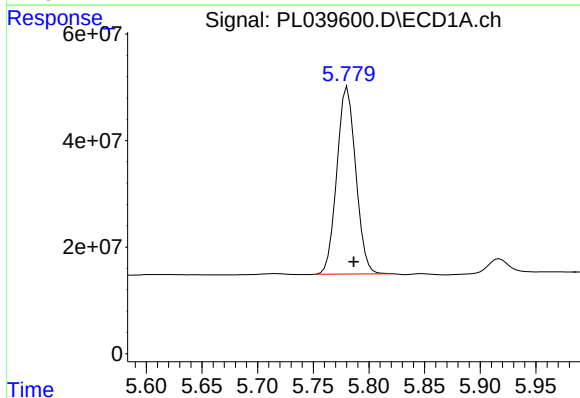
Manual Integrations  
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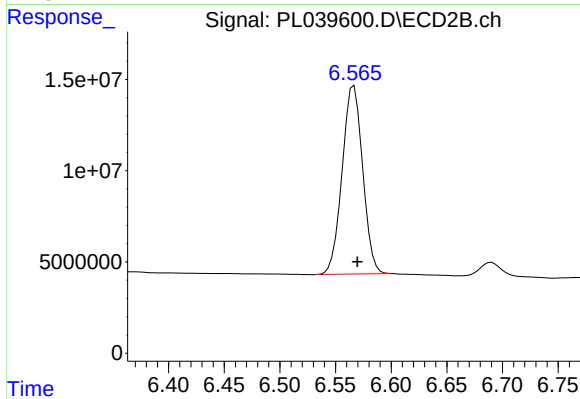
#12 4,4'-DDE

R.T.: 6.206 min  
Delta R.T.: -0.006 min  
Response: 966048  
Conc: 0.31 ng/ml m



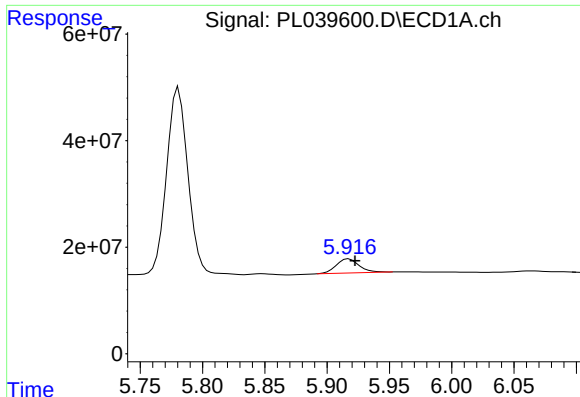
#14 Endrin

R.T.: 5.781 min  
Delta R.T.: -0.006 min  
Response: 415572575  
Conc: 46.43 ng/ml



#14 Endrin

R.T.: 6.567 min  
Delta R.T.: -0.003 min  
Response: 132452441  
Conc: 51.51 ng/ml



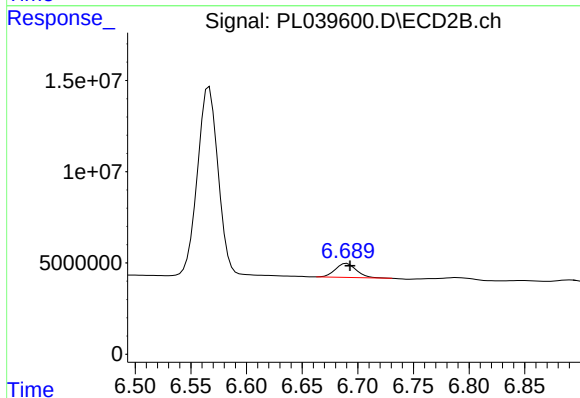
#16 4,4'-DDD

R.T.: 5.917 min  
Delta R.T.: -0.005 min  
Response: 34000912  
Conc: 4.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

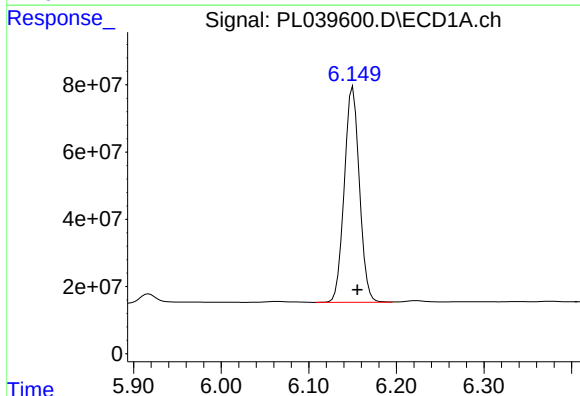
Manual Integrations  
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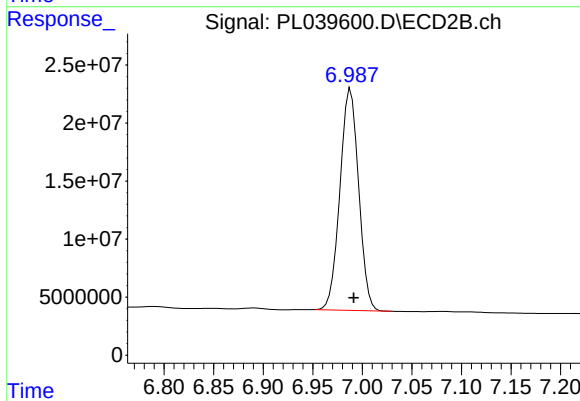
#16 4,4'-DDD

R.T.: 6.690 min  
Delta R.T.: -0.003 min  
Response: 10161332  
Conc: 4.54 ng/ml



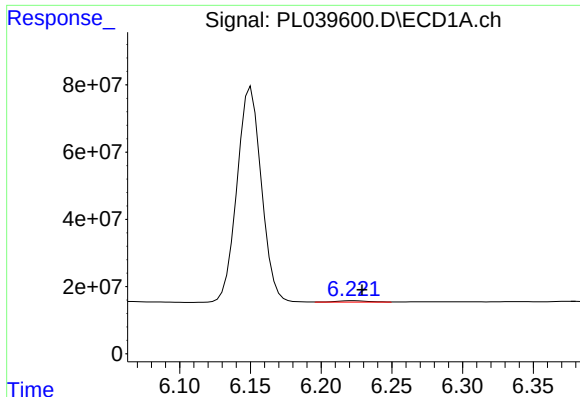
#17 4,4'-DDT

R.T.: 6.150 min  
Delta R.T.: -0.005 min  
Response: 769585476  
Conc: 101.52 ng/ml



#17 4,4'-DDT

R.T.: 6.988 min  
Delta R.T.: -0.003 min  
Response: 250618798  
Conc: 106.47 ng/ml



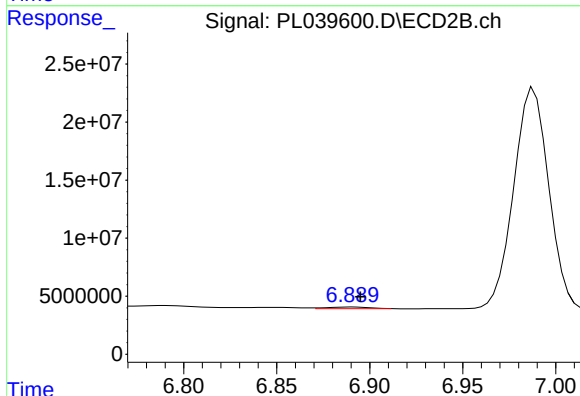
#18 Endrin aldehyde

R.T.: 6.221 min  
Delta R.T.: -0.008 min  
Response: 6055488  
Conc: 0.89 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

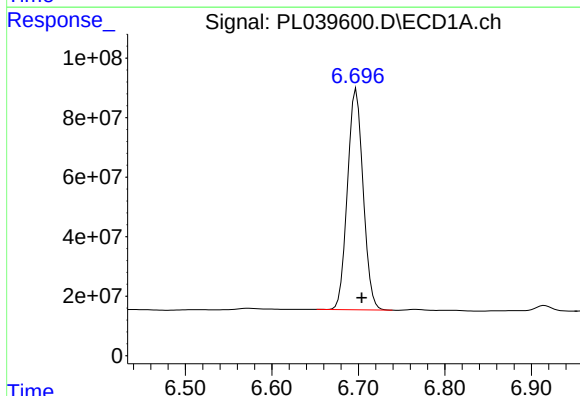
Manual Integrations  
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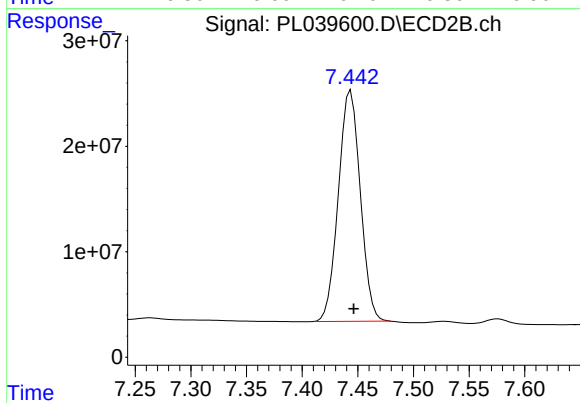
#18 Endrin aldehyde

R.T.: 6.889 min  
Delta R.T.: -0.006 min  
Response: 2181986  
Conc: 1.00 ng/ml m



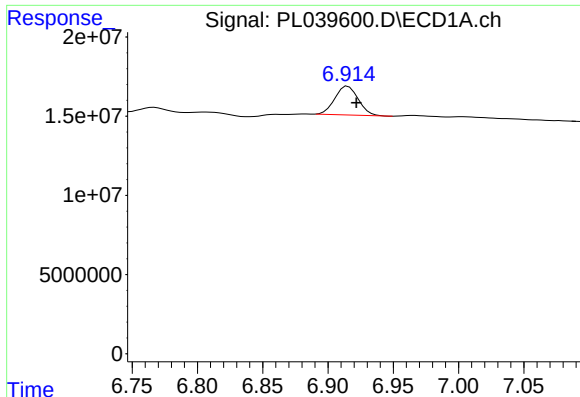
#20 Methoxychlor

R.T.: 6.698 min  
Delta R.T.: -0.006 min  
Response: 931048911  
Conc: 227.52 ng/ml



#20 Methoxychlor

R.T.: 7.444 min  
Delta R.T.: -0.003 min  
Response: 300813669  
Conc: 242.88 ng/ml



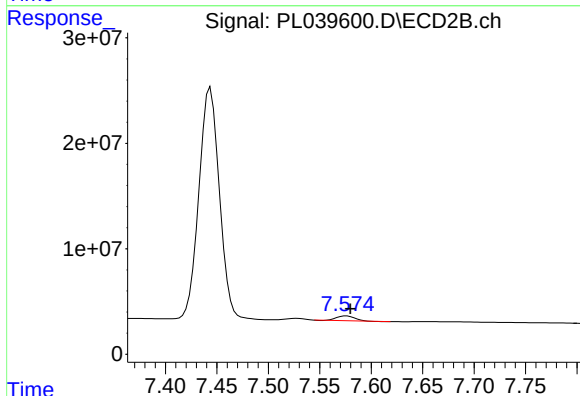
#21 Endrin ketone

R.T.: 6.915 min  
Delta R.T.: -0.006 min  
Response: 22628978  
Conc: 2.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

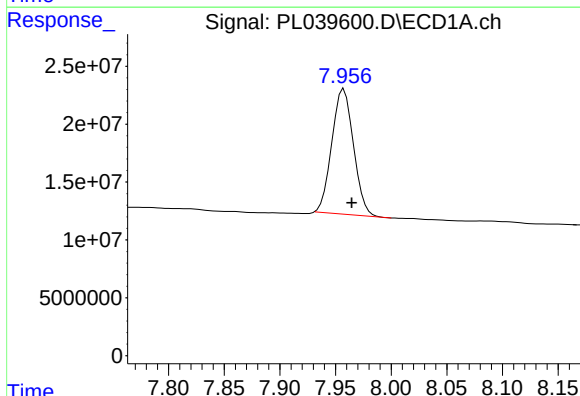
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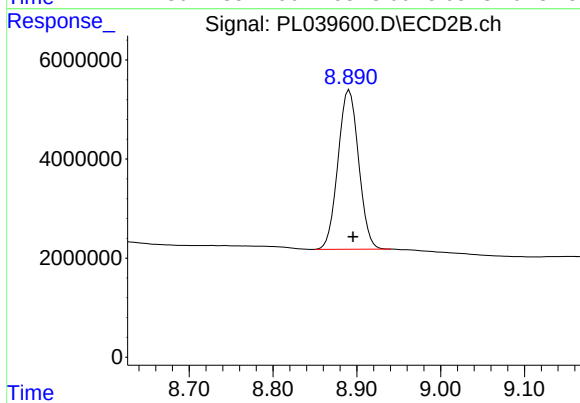
#21 Endrin ketone

R.T.: 7.576 min  
Delta R.T.: -0.004 min  
Response: 5273577  
Conc: 2.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.957 min  
Delta R.T.: -0.007 min  
Response: 145699850  
Conc: 20.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.891 min  
Delta R.T.: -0.004 min  
Response: 55102558  
Conc: 23.74 ng/ml