

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030419\  
 Data File : PL045375.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Mar 2019 09:12  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

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 3/5/2019 9:18:11 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 23:48:05 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.364 | 3.983 | 165.0E6  | 50639642 | 23.978  | 23.646   |
| 28)                         | SA Decachlor... | 8.051 | 9.043 | 185.6E6  | 51890482 | 22.182  | 22.710   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.794 | 4.373 | 116.5E6  | 31244511 | 10.484  | 10.282   |
| 3)                          | MA gamma-BHC... | 4.072 | 4.658 | 107.7E6  | 30580321 | 10.655  | 10.826   |
| 6)                          | B beta-BHC      | 4.325 | 4.830 | 50104071 | 14435628 | 11.690  | 11.367   |
| 12)                         | B 4,4'-DDE      | 5.484 | 6.319 | 2000214  | 568809   | 0.228m  | 0.244m   |
| 14)                         | MA Endrin       | 5.865 | 6.685 | 491.7E6  | 118.9E6  | 54.597  | 52.244m  |
| 16)                         | A 4,4'-DDD      | 5.997 | 6.811 | 5532802  | 1811389  | 0.756m  | 0.942    |
| 17)                         | MA 4,4'-DDT     | 6.233 | 7.109 | 904.0E6  | 223.2E6  | 120.537 | 113.125  |
| 18)                         | B Endrin al...  | 6.304 | 7.019 | 4703637  | 933154   | 0.643m  | 0.456m#  |
| 20)                         | A Methoxychlor  | 6.779 | 7.565 | 1147.1E6 | 300.1E6  | 261.189 | 244.470m |
| 21)                         | B Endrin ke...  | 7.001 | 7.713 | 12447502 | 2735496  | 1.351   | 1.150    |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030419\  
Data File : PL045375.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Mar 2019 09:12  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

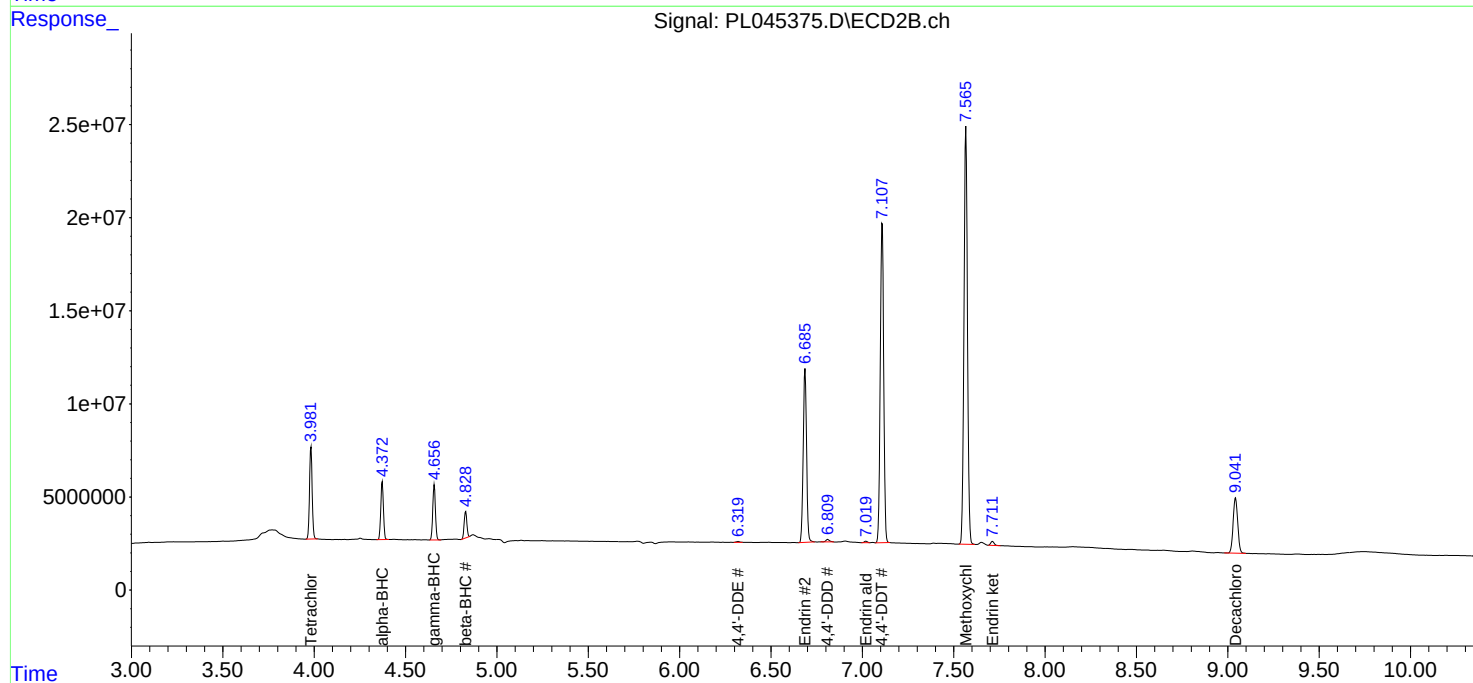
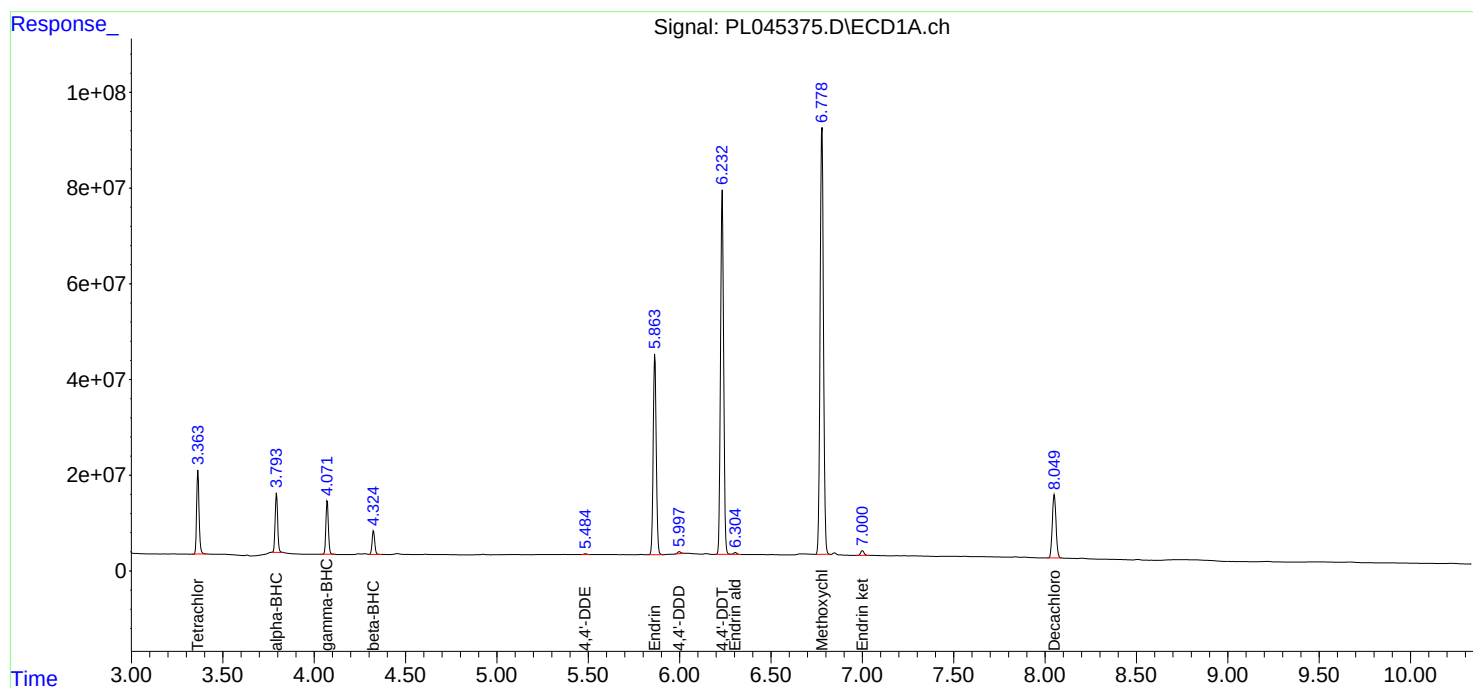
Instrument :  
ECD\_L  
ClientSampled :  
PEM

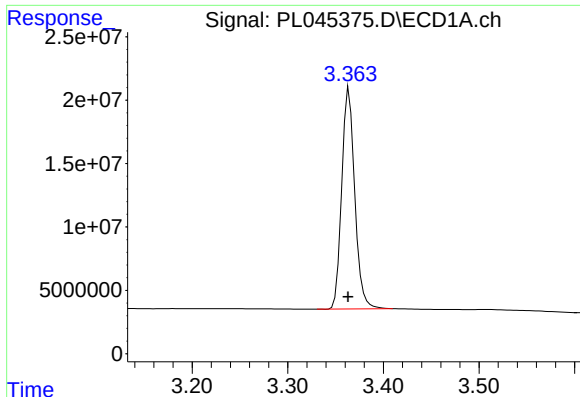
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 23:48:05 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





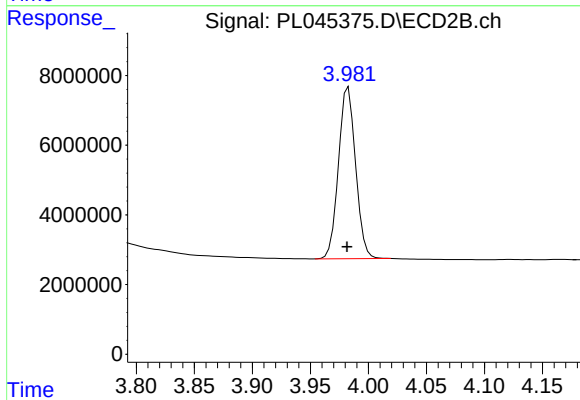
#1 Tetrachloro-m-xylene

R.T.: 3.364 min  
Delta R.T.: 0.001 min  
Response: 164952986  
Conc: 23.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

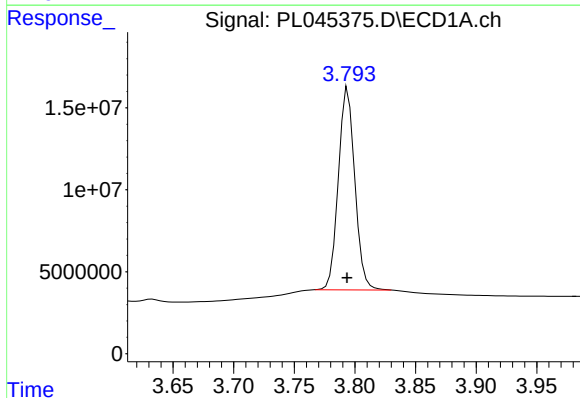
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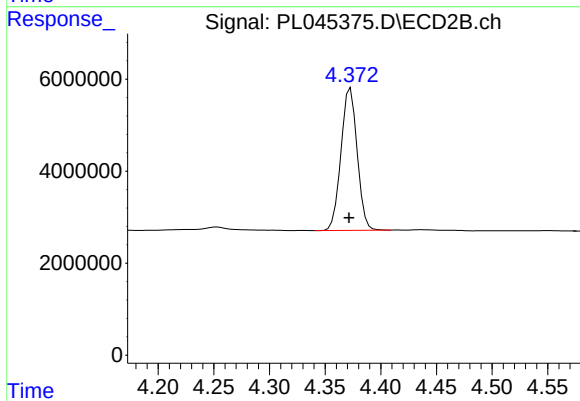
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: 0.001 min  
Response: 50639642  
Conc: 23.65 ng/ml



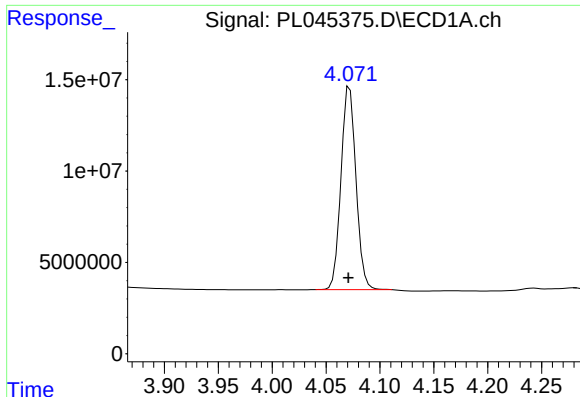
#2 alpha-BHC

R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 116450563  
Conc: 10.48 ng/ml



#2 alpha-BHC

R.T.: 4.373 min  
Delta R.T.: 0.001 min  
Response: 31244511  
Conc: 10.28 ng/ml



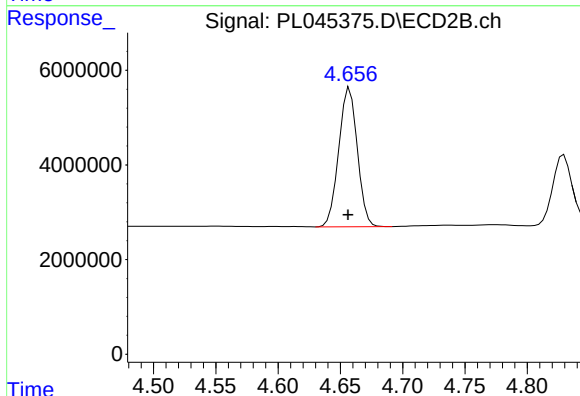
#3 gamma-BHC (Lindane)

R.T.: 4.072 min  
Delta R.T.: 0.001 min  
Response: 107687921  
Conc: 10.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

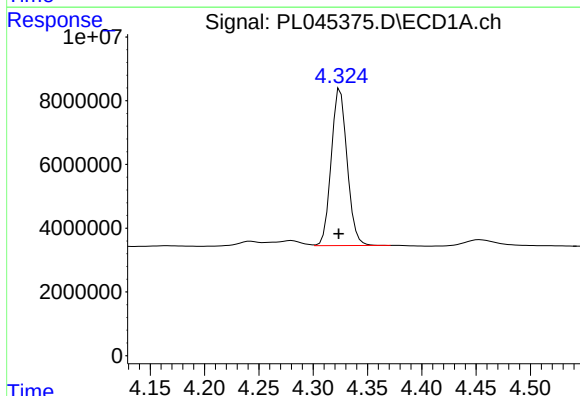
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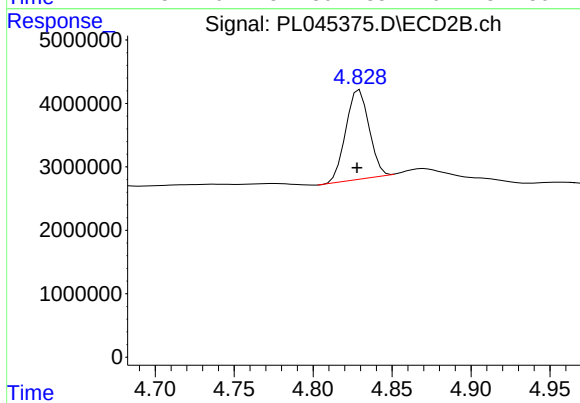
#3 gamma-BHC (Lindane)

R.T.: 4.658 min  
Delta R.T.: 0.001 min  
Response: 30580321  
Conc: 10.83 ng/ml



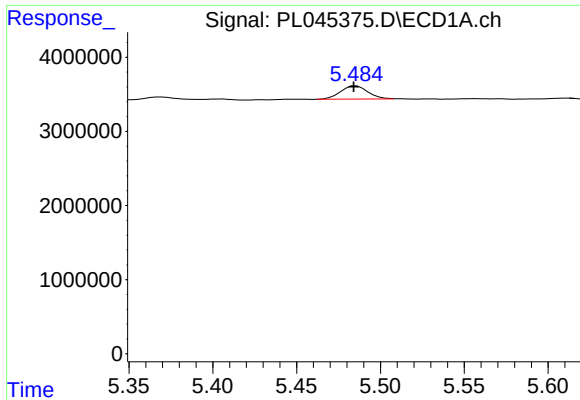
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: 0.001 min  
Response: 50104071  
Conc: 11.69 ng/ml



#6 beta-BHC

R.T.: 4.830 min  
Delta R.T.: 0.002 min  
Response: 14435628  
Conc: 11.37 ng/ml



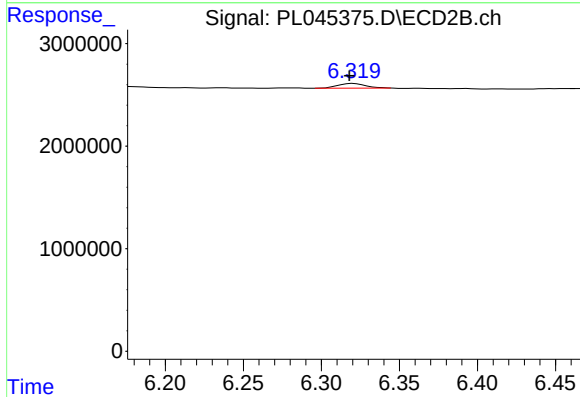
#12 4,4'-DDE

R.T.: 5.484 min  
Delta R.T.: 0.000 min  
Response: 2000214  
Conc: 0.23 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

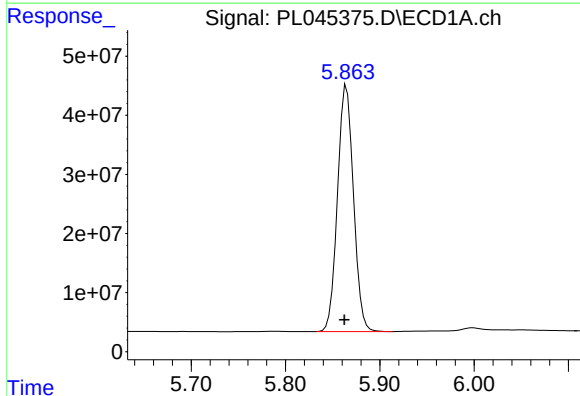
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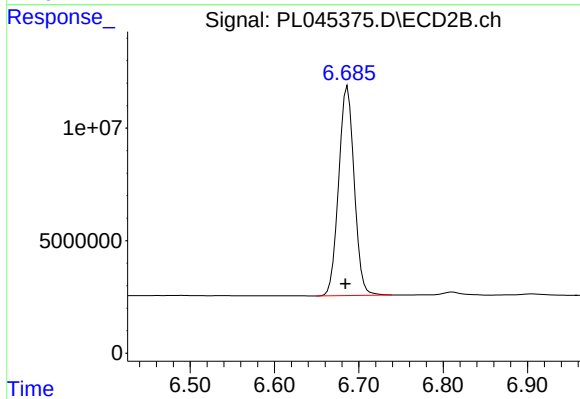
#12 4,4'-DDE

R.T.: 6.319 min  
Delta R.T.: 0.001 min  
Response: 568809  
Conc: 0.24 ng/ml m



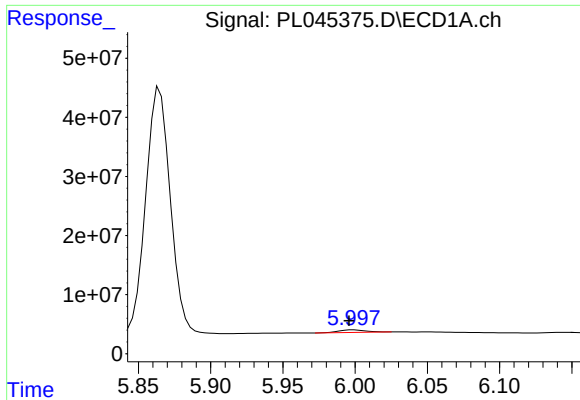
#14 Endrin

R.T.: 5.865 min  
Delta R.T.: 0.002 min  
Response: 491686844  
Conc: 54.60 ng/ml



#14 Endrin

R.T.: 6.685 min  
Delta R.T.: 0.001 min  
Response: 118869370  
Conc: 52.24 ng/ml m



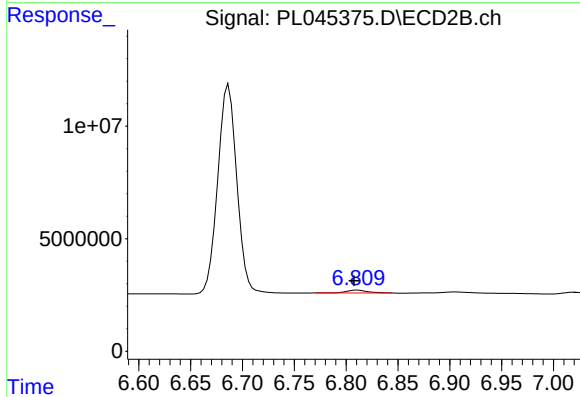
#16 4,4'-DDD

R.T.: 5.997 min  
Delta R.T.: 0.001 min  
Response: 5532802  
Conc: 0.76 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

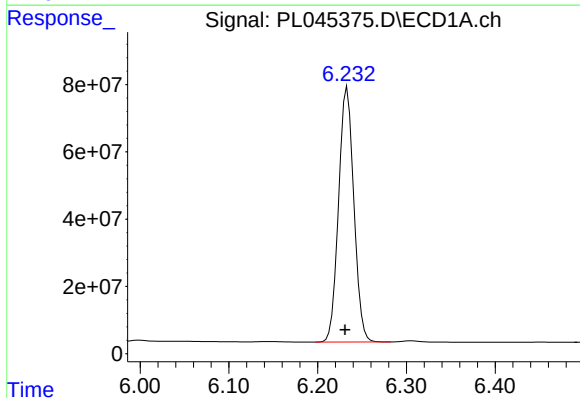
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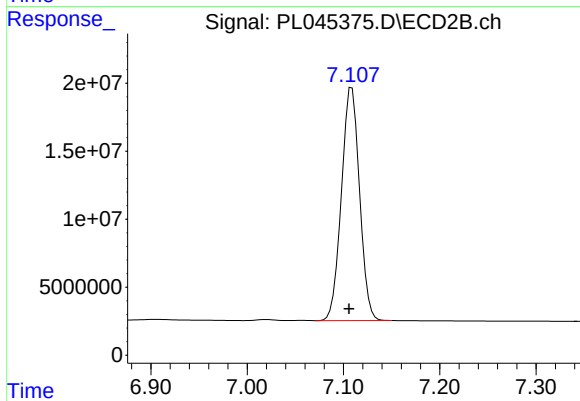
#16 4,4'-DDD

R.T.: 6.811 min  
Delta R.T.: 0.003 min  
Response: 1811389  
Conc: 0.94 ng/ml



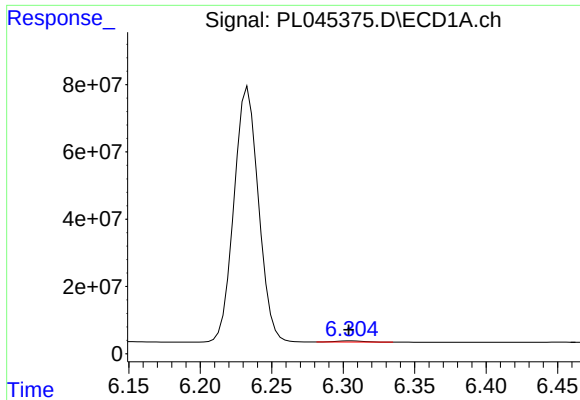
#17 4,4'-DDT

R.T.: 6.233 min  
Delta R.T.: 0.002 min  
Response: 904042862  
Conc: 120.54 ng/ml



#17 4,4'-DDT

R.T.: 7.109 min  
Delta R.T.: 0.003 min  
Response: 223246174  
Conc: 113.13 ng/ml



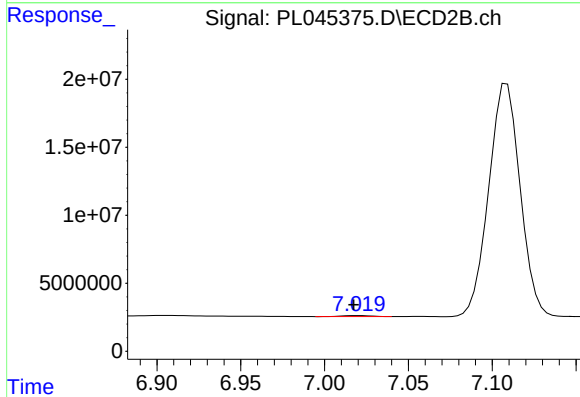
#18 Endrin aldehyde

R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 4703637  
Conc: 0.64 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

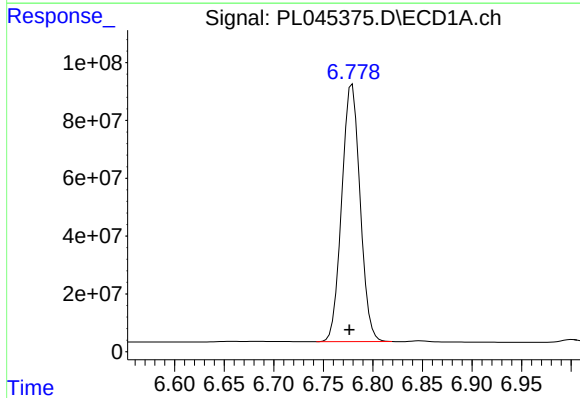
Manual Integrations  
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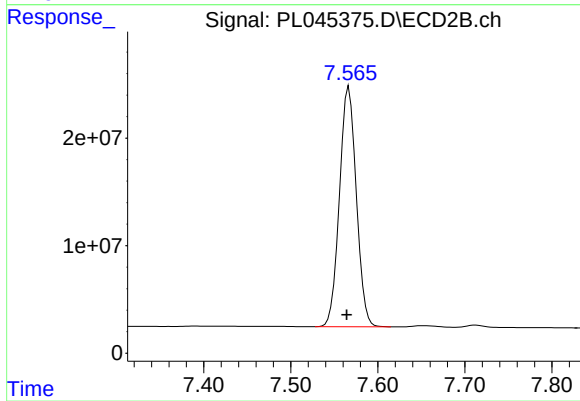
#18 Endrin aldehyde

R.T.: 7.019 min  
Delta R.T.: 0.001 min  
Response: 933154  
Conc: 0.46 ng/ml m



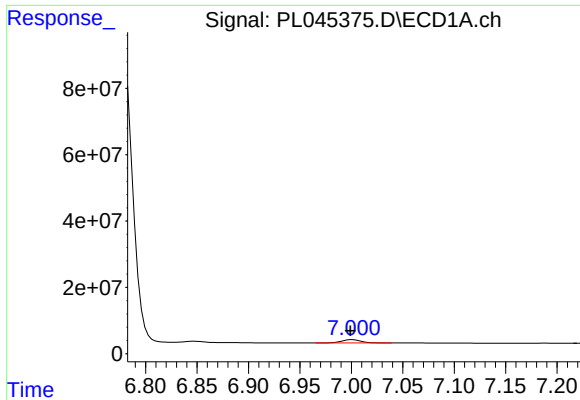
#20 Methoxychlor

R.T.: 6.779 min  
Delta R.T.: 0.003 min  
Response: 1147068857  
Conc: 261.19 ng/ml



#20 Methoxychlor

R.T.: 7.565 min  
Delta R.T.: 0.001 min  
Response: 300066866  
Conc: 244.47 ng/ml m



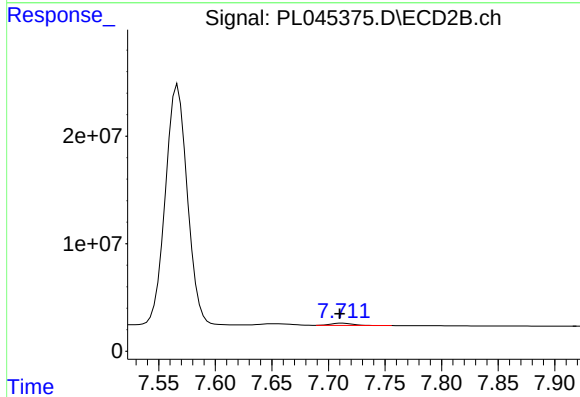
#21 Endrin ketone

R.T.: 7.001 min  
Delta R.T.: 0.002 min  
Response: 12447502  
Conc: 1.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

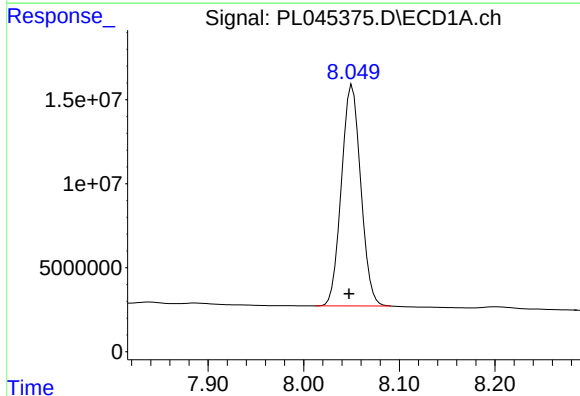
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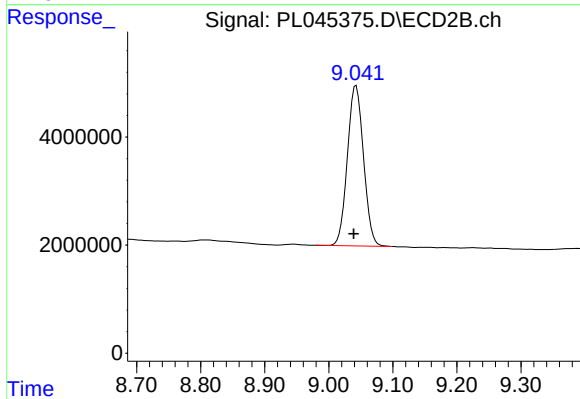
#21 Endrin ketone

R.T.: 7.713 min  
Delta R.T.: 0.003 min  
Response: 2735496  
Conc: 1.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.051 min  
Delta R.T.: 0.003 min  
Response: 185608954  
Conc: 22.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.043 min  
Delta R.T.: 0.004 min  
Response: 51890482  
Conc: 22.71 ng/ml