

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111418\  
 Data File : PL042150.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2018 23:47  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 05:43:58 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110918.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 09 12:38:40 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... | 3.469 | 4.102 | 122.7E6  | 66351979 | 19.866  | 22.396  |
| 28)                         | SA Decachlor... | 8.208 | 9.233 | 124.3E6  | 52723335 | 18.144  | 20.671  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.907 | 4.497 | 83730518 | 47662649 | 8.830m  | 10.736  |
| 3)                          | MA gamma-BHC... | 4.191 | 4.786 | 80133115 | 45470804 | 9.286   | 11.027  |
| 6)                          | B beta-BHC      | 4.444 | 4.953 | 38165426 | 18281093 | 10.341m | 11.124m |
| 12)                         | B 4,4'-DDE      | 5.624 | 6.458 | 1453458  | 732601   | 0.212m  | 0.215m  |
| 14)                         | MA Endrin       | 6.014 | 6.837 | 323.1E6  | 145.1E6  | 45.427  | 49.313  |
| 16)                         | A 4,4'-DDD      | 6.142 | 6.953 | 19472306 | 11744720 | 3.523   | 4.455 # |
| 17)                         | MA 4,4'-DDT     | 6.381 | 7.254 | 609.4E6  | 283.7E6  | 107.138 | 105.205 |
| 18)                         | B Endrin al...  | 6.456 | 7.168 | 9308173  | 3976962  | 1.665   | 1.605m  |
| 20)                         | A Methoxychlor  | 6.927 | 7.710 | 793.3E6  | 341.0E6  | 248.998 | 248.140 |
| 21)                         | B Endrin ke...  | 7.158 | 7.867 | 22487329 | 9813247  | 3.121   | 3.390   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111418\  
Data File : PL042150.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2018 23:47  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

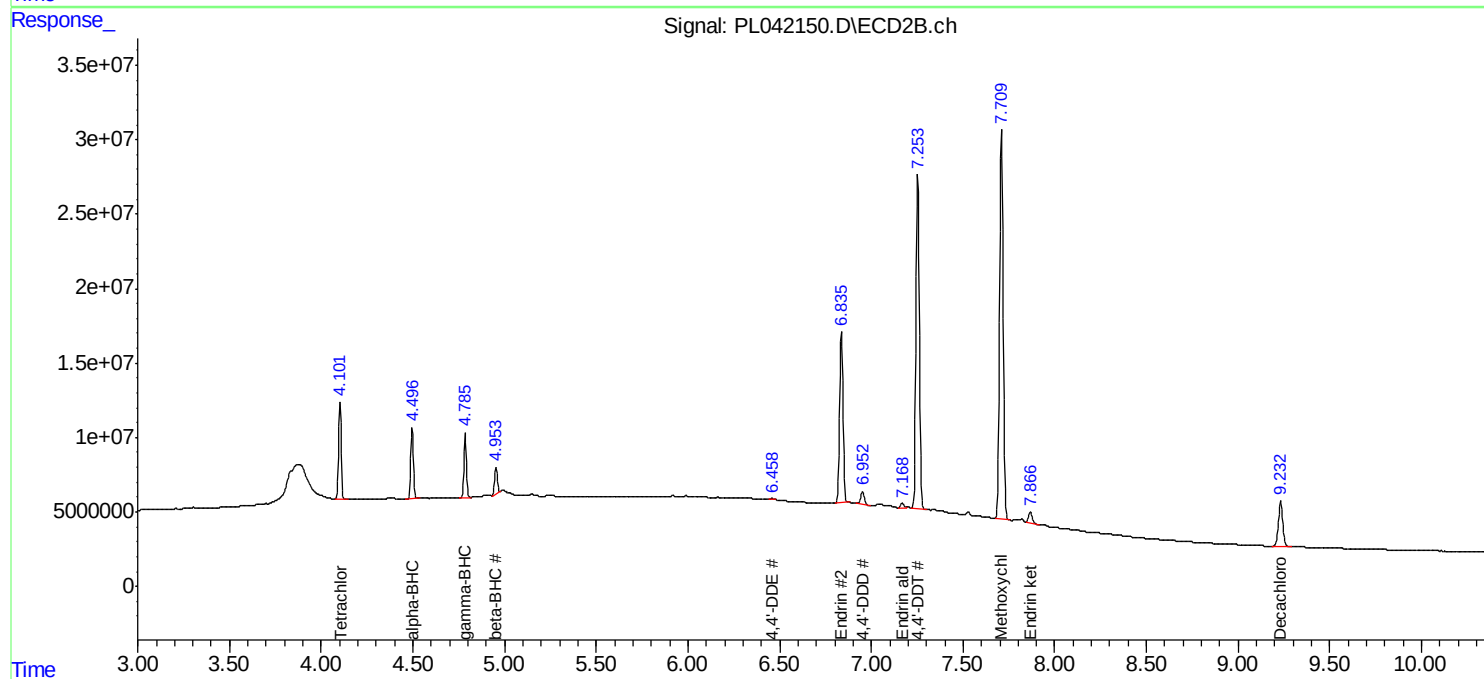
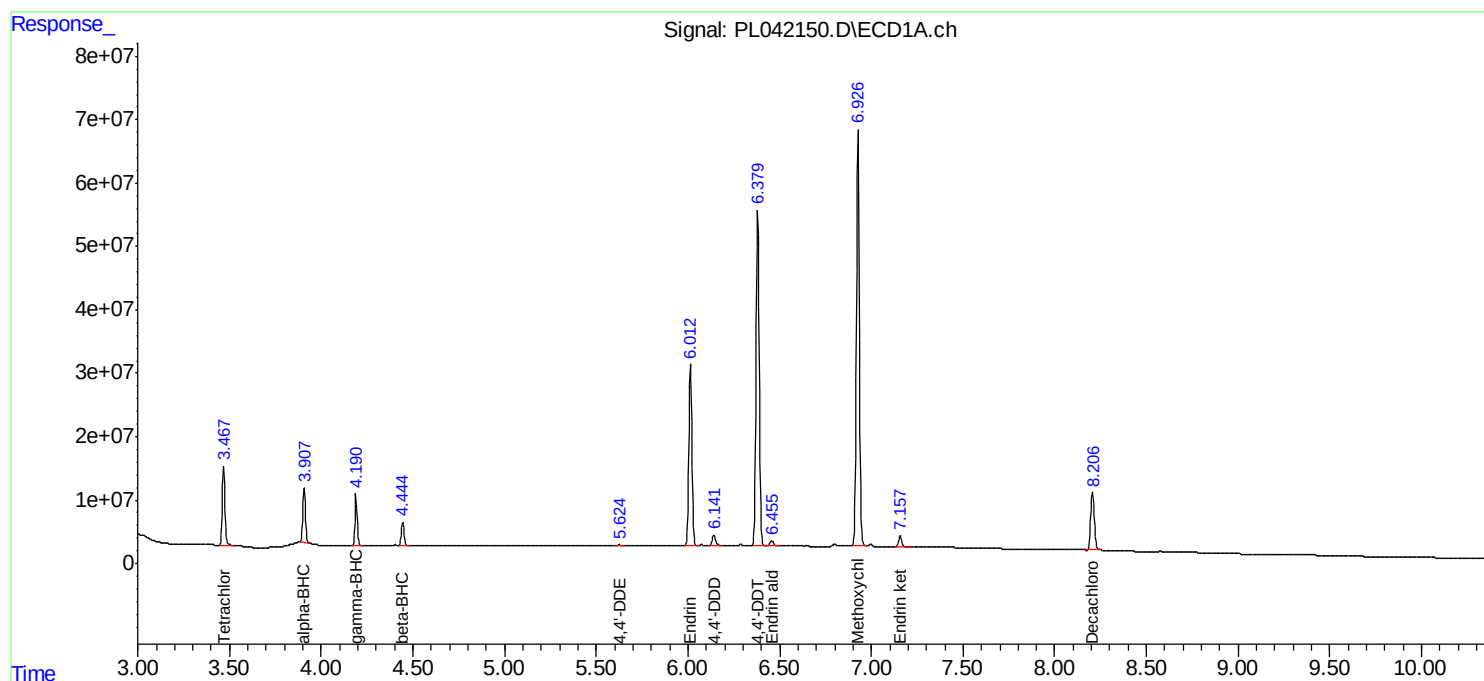
Instrument :  
ECD\_L  
ClientSampled :  
PEM

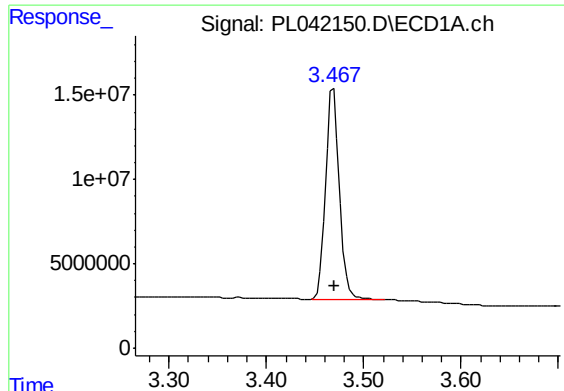
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 05:43:58 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110918.M  
Quant Title : GC Extractables  
QLast Update : Fri Nov 09 12:38:40 2018  
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





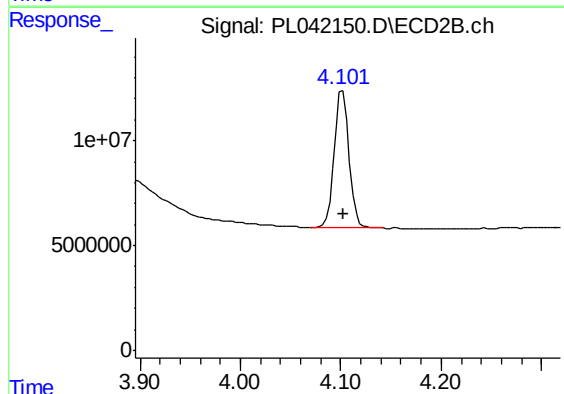
#1 Tetrachloro-m-xylene

R.T.: 3.469 min  
Delta R.T.: -0.001 min  
Response: 122673240  
Conc: 19.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

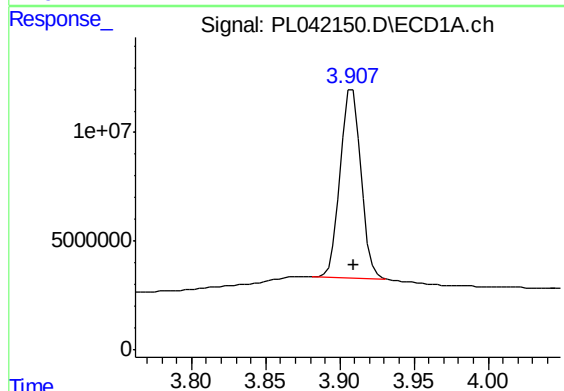
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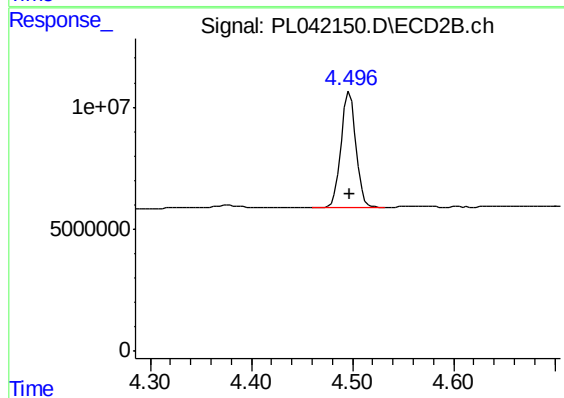
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 66351979  
Conc: 22.40 ng/ml



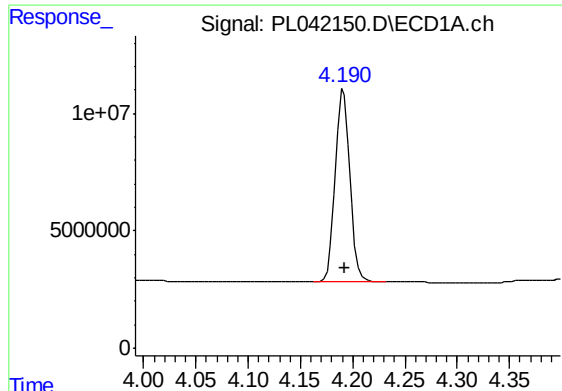
#2 alpha-BHC

R.T.: 3.907 min  
Delta R.T.: -0.002 min  
Response: 83730518  
Conc: 8.83 ng/ml m



#2 alpha-BHC

R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 47662649  
Conc: 10.74 ng/ml



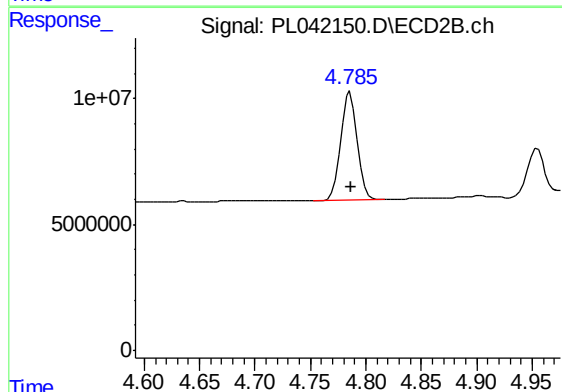
#3 gamma-BHC (Lindane)

R.T.: 4.191 min  
Delta R.T.: 0.000 min  
Response: 80133115  
Conc: 9.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

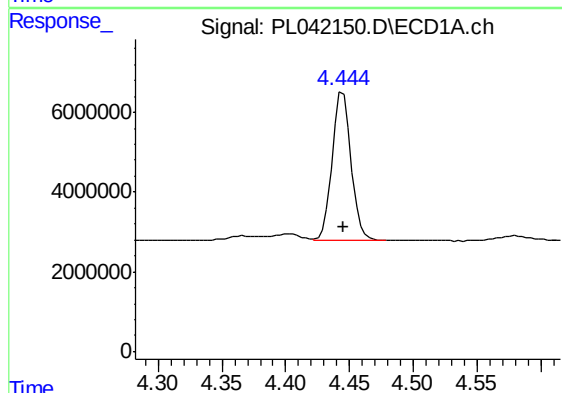
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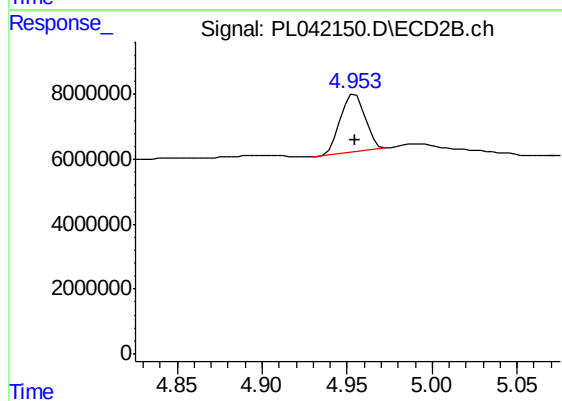
#3 gamma-BHC (Lindane)

R.T.: 4.786 min  
Delta R.T.: 0.000 min  
Response: 45470804  
Conc: 11.03 ng/ml



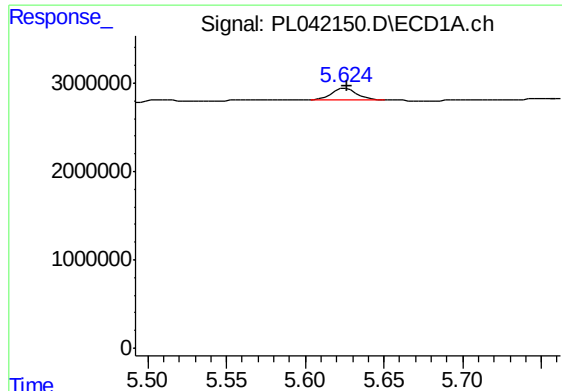
#6 beta-BHC

R.T.: 4.444 min  
Delta R.T.: -0.002 min  
Response: 38165426  
Conc: 10.34 ng/ml m



#6 beta-BHC

R.T.: 4.953 min  
Delta R.T.: -0.001 min  
Response: 18281093  
Conc: 11.12 ng/ml m



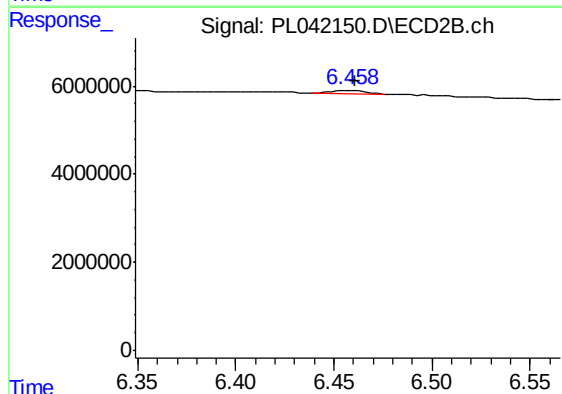
#12 4,4'-DDE

R.T.: 5.624 min  
Delta R.T.: -0.003 min  
Response: 1453458  
Conc: 0.21 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

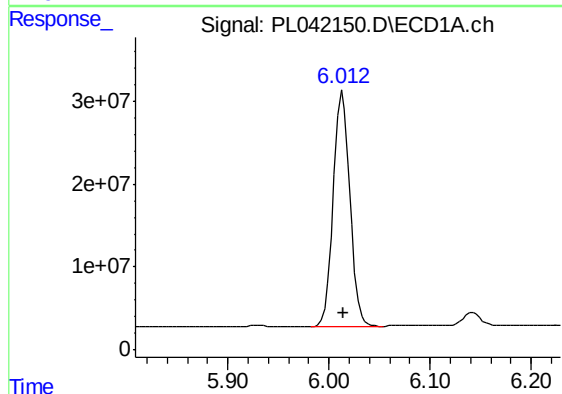
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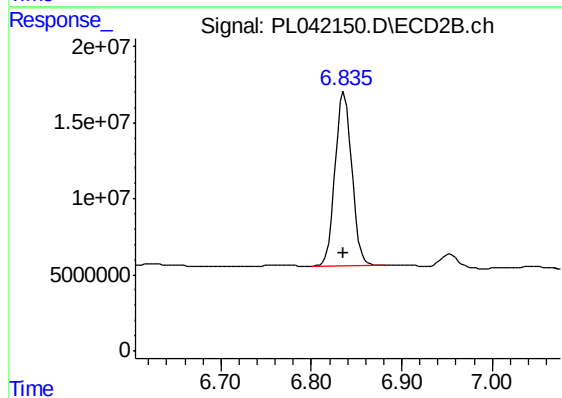
#12 4,4'-DDE

R.T.: 6.458 min  
Delta R.T.: -0.003 min  
Response: 732601  
Conc: 0.21 ng/ml m



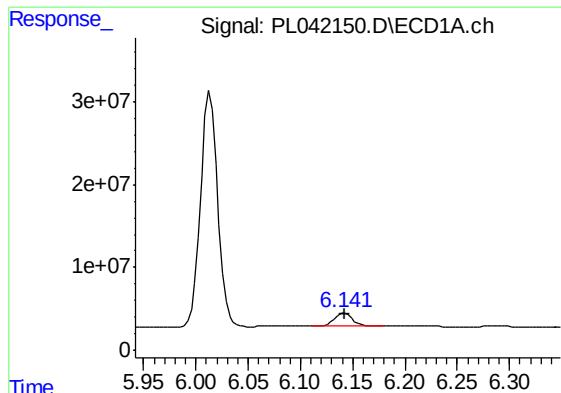
#14 Endrin

R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 323099122  
Conc: 45.43 ng/ml



#14 Endrin

R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 145132074  
Conc: 49.31 ng/ml



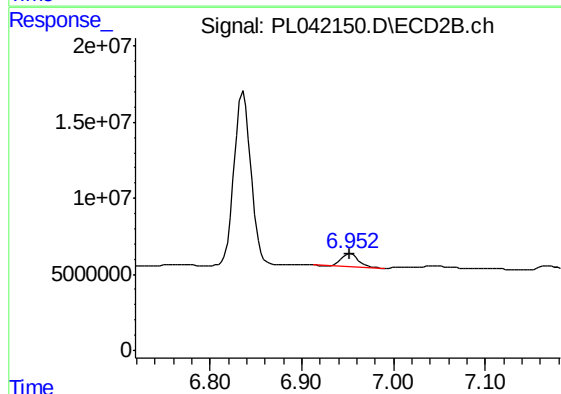
#16 4,4'-DDD

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 19472306  
Conc: 3.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

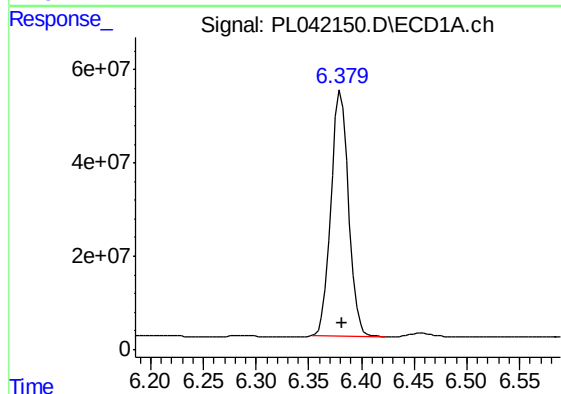
Manual Integrations  
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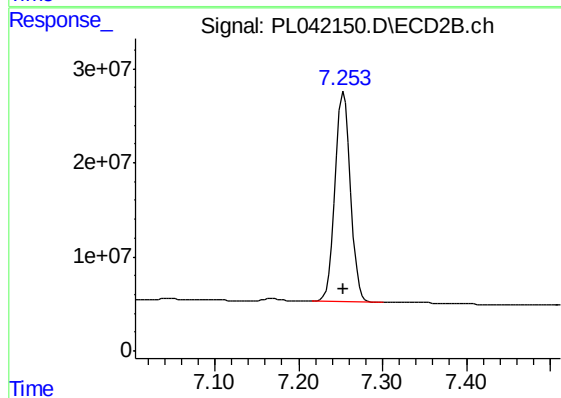
#16 4,4'-DDD

R.T.: 6.953 min  
Delta R.T.: 0.001 min  
Response: 11744720  
Conc: 4.46 ng/ml



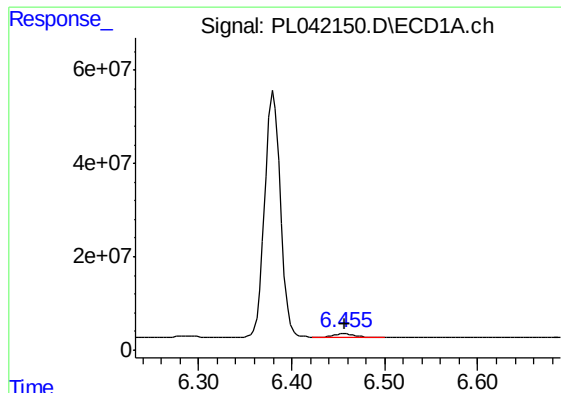
#17 4,4'-DDT

R.T.: 6.381 min  
Delta R.T.: 0.000 min  
Response: 609400952  
Conc: 107.14 ng/ml



#17 4,4'-DDT

R.T.: 7.254 min  
Delta R.T.: 0.001 min  
Response: 283655520  
Conc: 105.21 ng/ml



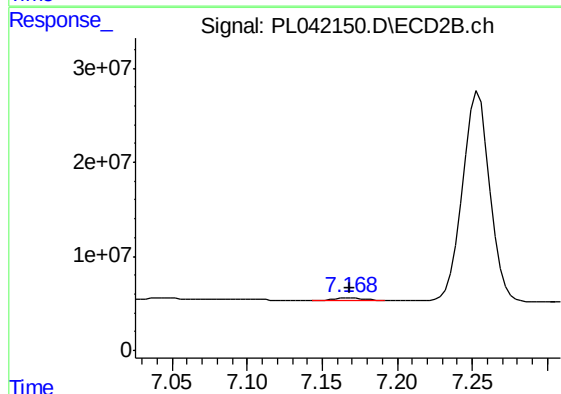
#18 Endrin aldehyde

R.T.: 6.456 min  
Delta R.T.: 0.000 min  
Response: 9308173  
Conc: 1.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

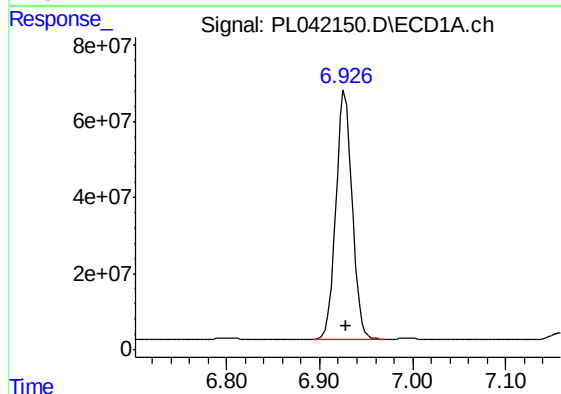
Manual Integrations  
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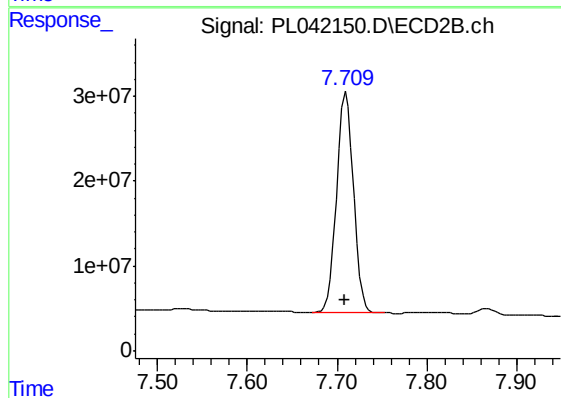
#18 Endrin aldehyde

R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 3976962  
Conc: 1.60 ng/ml m



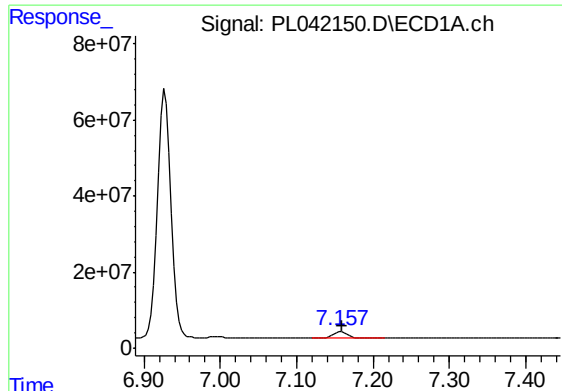
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 793309273  
Conc: 249.00 ng/ml



#20 Methoxychlor

R.T.: 7.710 min  
Delta R.T.: 0.001 min  
Response: 340968367  
Conc: 248.14 ng/ml



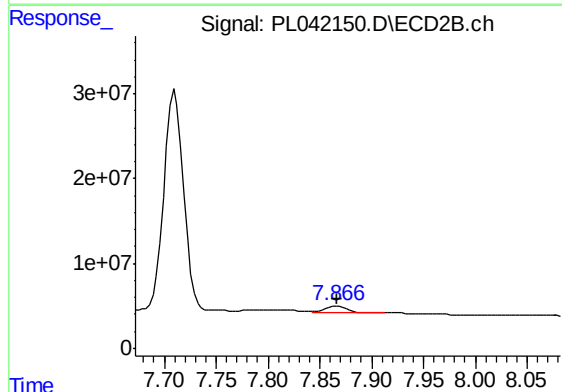
#21 Endrin ketone

R.T.: 7.158 min  
Delta R.T.: -0.001 min  
Response: 22487329  
Conc: 3.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

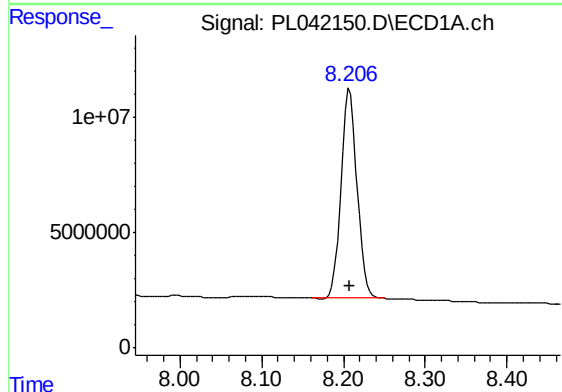
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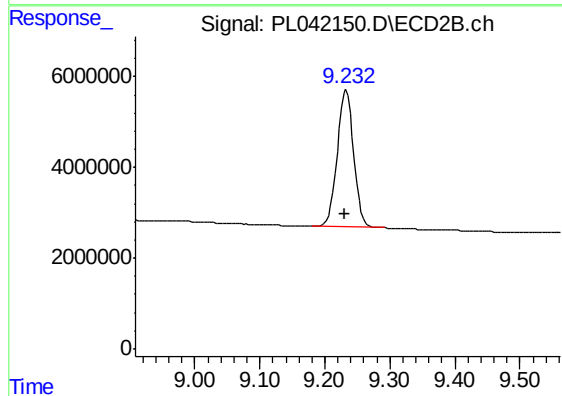
#21 Endrin ketone

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 9813247  
Conc: 3.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min  
Delta R.T.: 0.000 min  
Response: 124294910  
Conc: 18.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.233 min  
Delta R.T.: 0.003 min  
Response: 52723335  
Conc: 20.67 ng/ml