

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021323\  
 Data File : PL080883.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Feb 2023 09:27  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/14/2023  
 Supervised By : Ankita Jodhani 02/14/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 13 20:06:20 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jan 22 23:56:48 2023  
 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... | 3.352 | 2.689 | 44672631 | 42952314 | 20.828  | 19.555  |
| 28)                         | SA Decachlor... | 8.792 | 7.835 | 34403508 | 41661424 | 19.651  | 17.486  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.801 | 3.189 | 30817136 | 27805113 | 9.728   | 8.743   |
| 3)                          | MA gamma-BHC... | 4.129 | 3.517 | 30014518 | 26828443 | 10.210  | 8.981   |
| 6)                          | B beta-BHC      | 4.326 | 3.814 | 15079677 | 13794896 | 11.047  | 10.336  |
| 12)                         | B 4,4'-DDE      | 5.989 | 5.148 | 316364   | 329722   | 0.142   | 0.140   |
| 14)                         | MA Endrin       | 6.360 | 5.549 | 96172061 | 98979899 | 44.469  | 42.642  |
| 16)                         | A 4,4'-DDD      | 6.502 | 5.701 | 7193706  | 6487894  | 3.927   | 3.452   |
| 17)                         | MA 4,4'-DDT     | 6.815 | 5.953 | 183.8E6  | 194.1E6  | 88.486  | 92.351  |
| 18)                         | B Endrin al...  | 6.707 | 6.023 | 3100912  | 3626144  | 1.864m  | 1.986m  |
| 20)                         | A Methoxychlor  | 7.294 | 6.531 | 242.2E6  | 253.8E6  | 219.560 | 209.189 |
| 21)                         | B Endrin ke...  | 7.423 | 6.751 | 7102433  | 8719665  | 3.219   | 3.415   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 13 Feb 2023 09:27  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

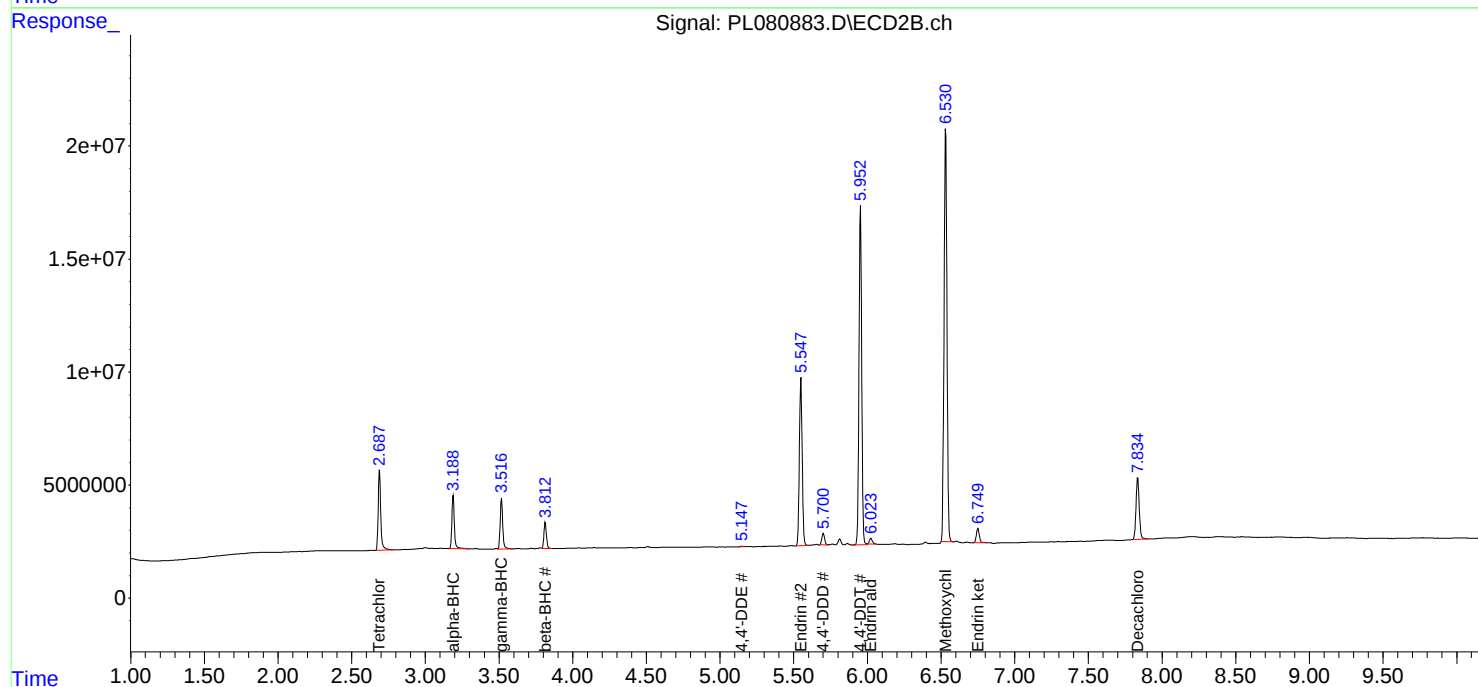
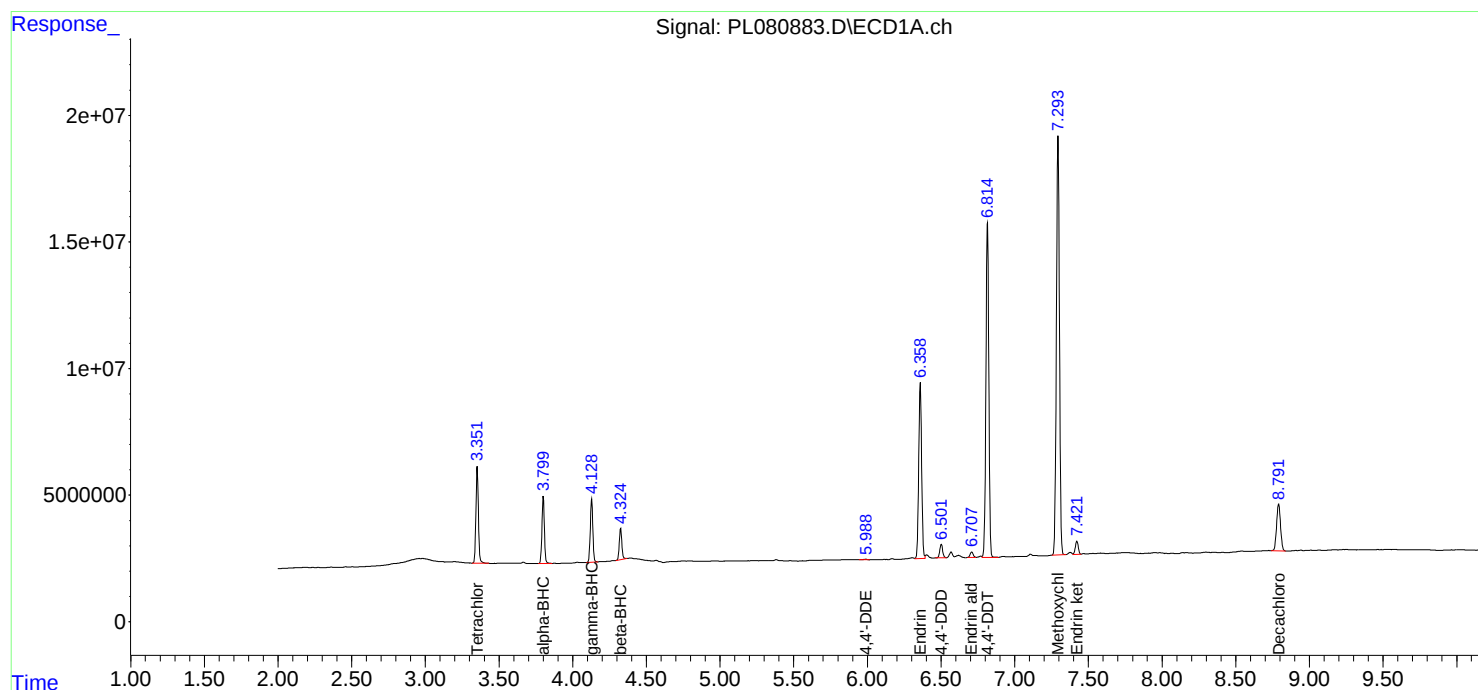
Instrument :  
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ClientSampleId :  
PEM

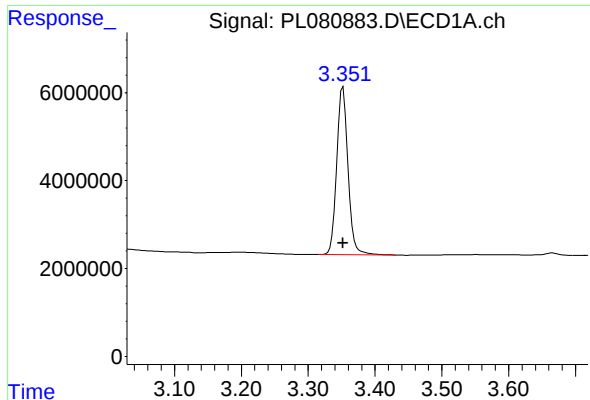
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
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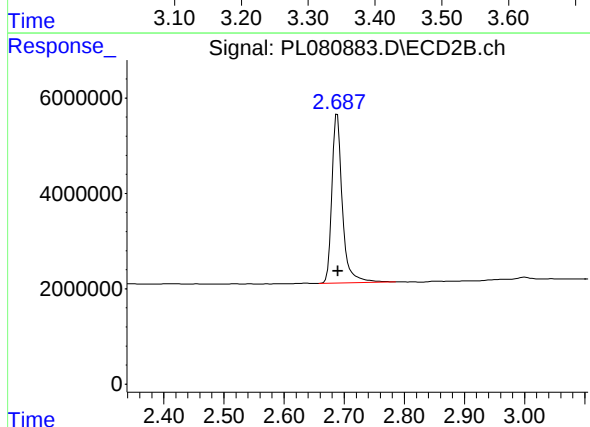
#1 Tetrachloro-m-xylene

R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 44672631  
Conc: 20.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

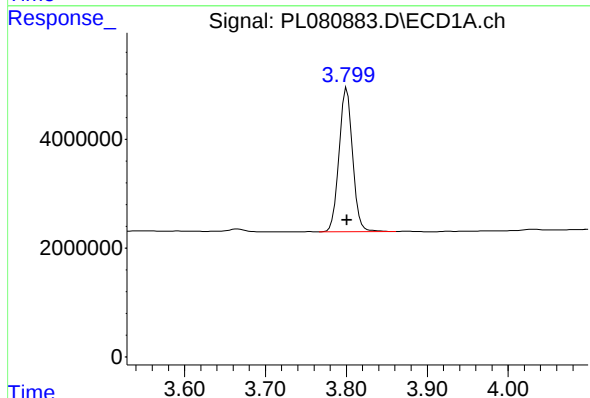
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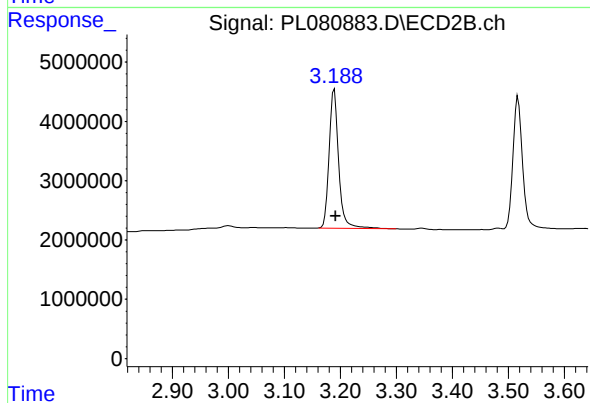
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: -0.001 min  
Response: 42952314  
Conc: 19.56 ng/ml



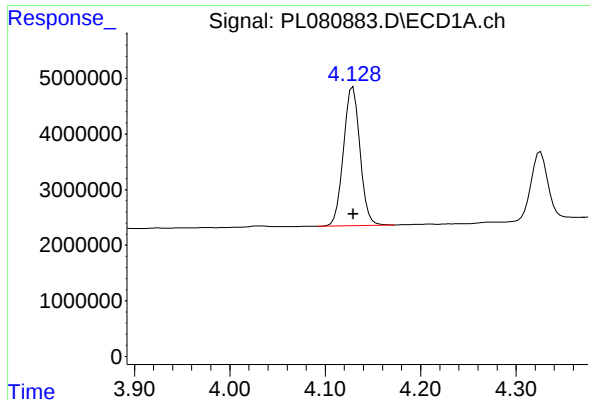
#2 alpha-BHC

R.T.: 3.801 min  
Delta R.T.: 0.000 min  
Response: 30817136  
Conc: 9.73 ng/ml



#2 alpha-BHC

R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 27805113  
Conc: 8.74 ng/ml



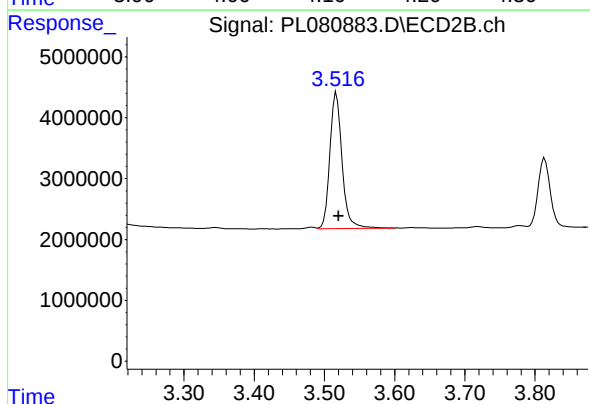
#3 gamma-BHC (Lindane)

R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 30014518  
Conc: 10.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

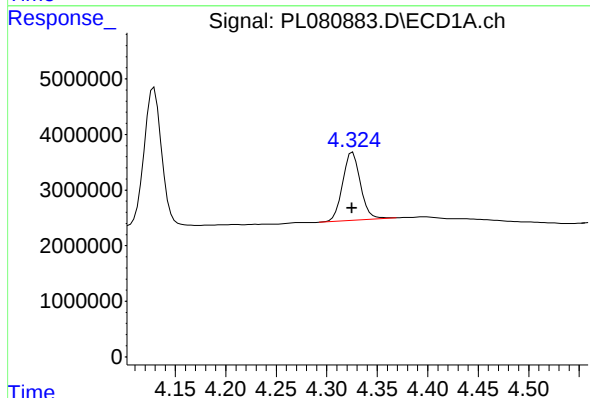
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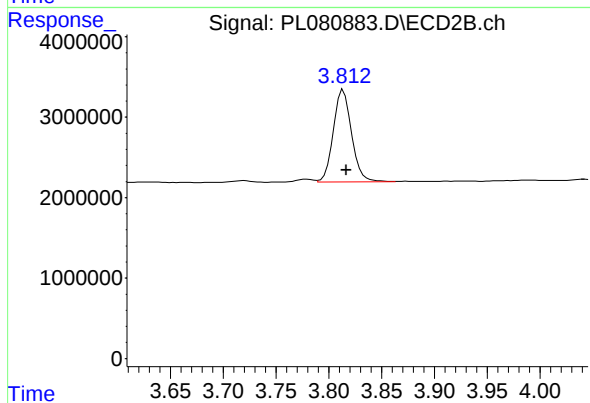
#3 gamma-BHC (Lindane)

R.T.: 3.517 min  
Delta R.T.: -0.003 min  
Response: 26828443  
Conc: 8.98 ng/ml



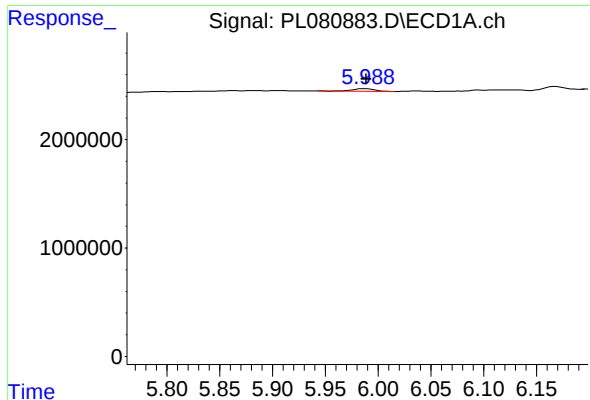
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 15079677  
Conc: 11.05 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.003 min  
Response: 13794896  
Conc: 10.34 ng/ml



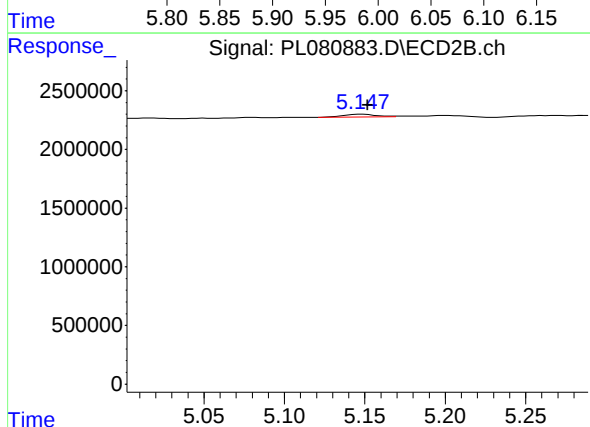
#12 4,4'-DDE

R.T.: 5.989 min  
Delta R.T.: 0.000 min  
Response: 316364  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

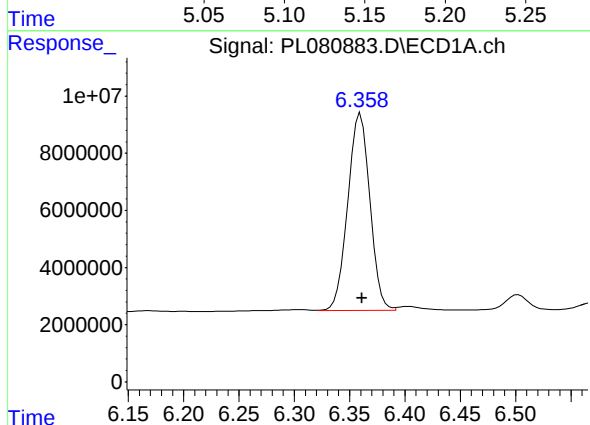
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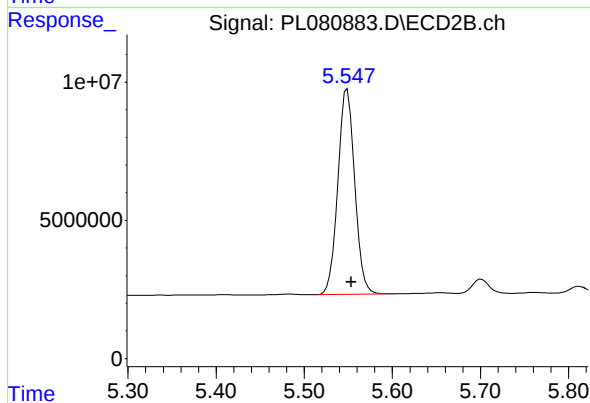
#12 4,4'-DDE

R.T.: 5.148 min  
Delta R.T.: -0.004 min  
Response: 329722  
Conc: 0.14 ng/ml



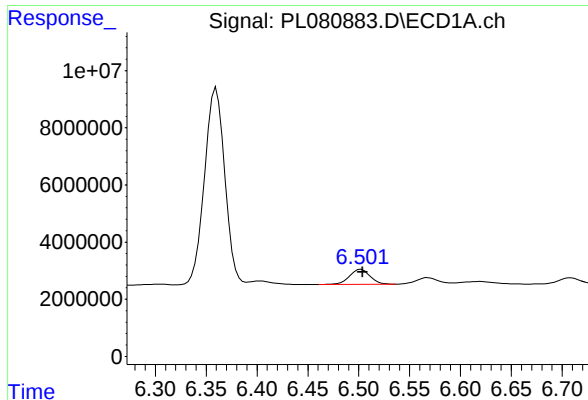
#14 Endrin

R.T.: 6.360 min  
Delta R.T.: -0.001 min  
Response: 96172061  
Conc: 44.47 ng/ml



#14 Endrin

R.T.: 5.549 min  
Delta R.T.: -0.005 min  
Response: 98979899  
Conc: 42.64 ng/ml



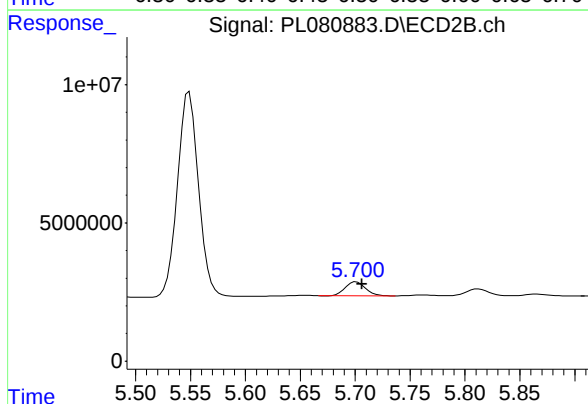
#16 4,4'-DDD

R.T.: 6.502 min  
Delta R.T.: -0.002 min  
Response: 7193706  
Conc: 3.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

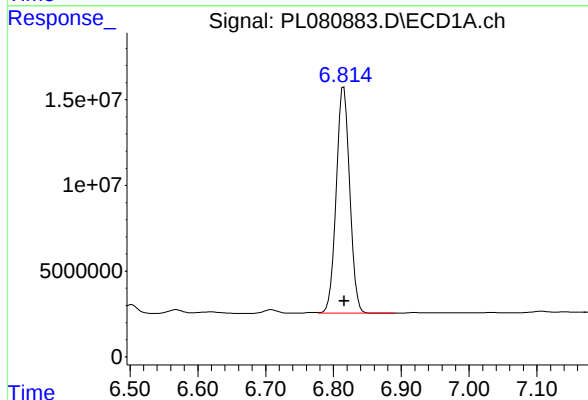
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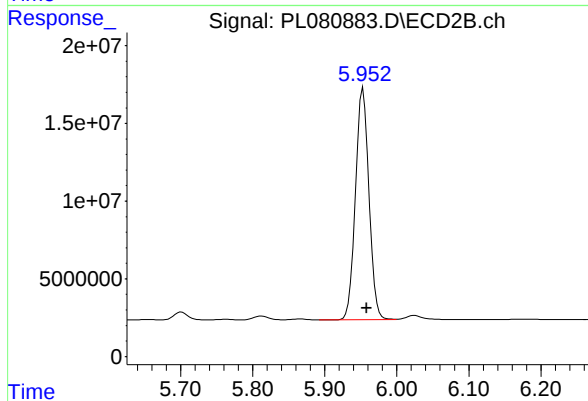
#16 4,4'-DDD

R.T.: 5.701 min  
Delta R.T.: -0.005 min  
Response: 6487894  
Conc: 3.45 ng/ml



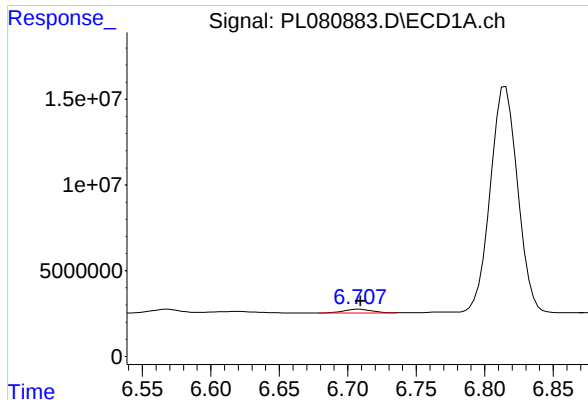
#17 4,4'-DDT

R.T.: 6.815 min  
Delta R.T.: 0.000 min  
Response: 183844130  
Conc: 88.49 ng/ml



#17 4,4'-DDT

R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 194074155  
Conc: 92.35 ng/ml



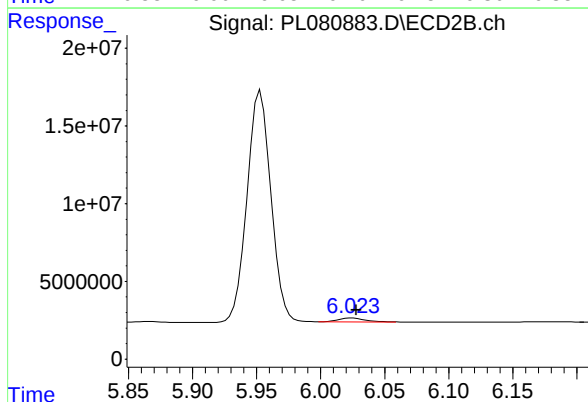
#18 Endrin aldehyde

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 3100912  
Conc: 1.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

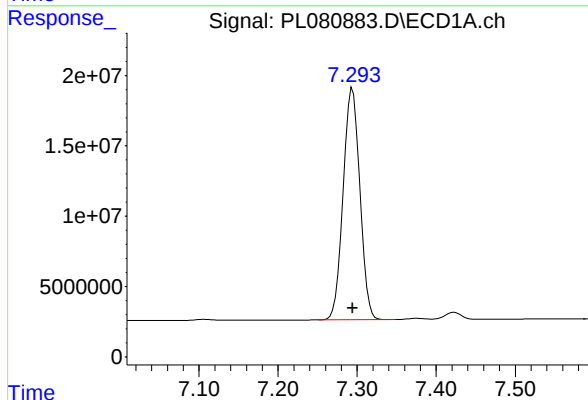
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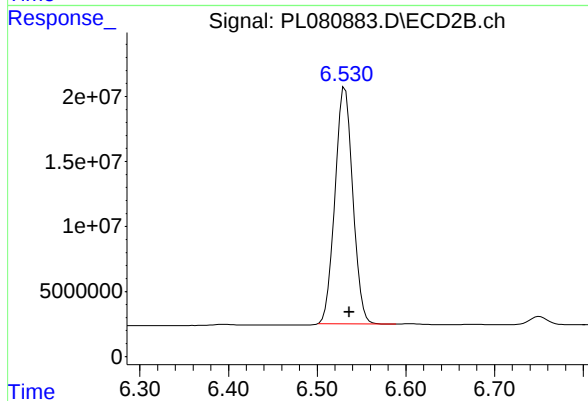
#18 Endrin aldehyde

R.T.: 6.023 min  
Delta R.T.: -0.005 min  
Response: 3626144  
Conc: 1.99 ng/ml



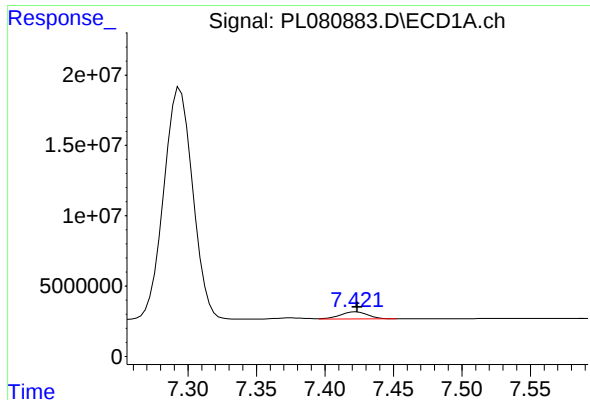
#20 Methoxychlor

R.T.: 7.294 min  
Delta R.T.: 0.000 min  
Response: 242237943  
Conc: 219.56 ng/ml



#20 Methoxychlor

R.T.: 6.531 min  
Delta R.T.: -0.005 min  
Response: 253843738  
Conc: 209.19 ng/ml



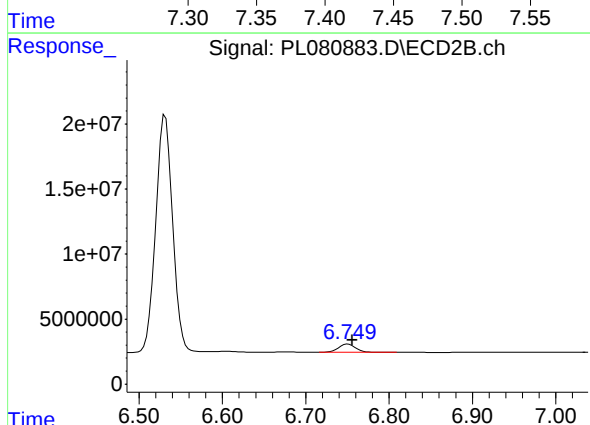
#21 Endrin ketone

R.T.: 7.423 min  
Delta R.T.: -0.001 min  
Response: 7102433  
Conc: 3.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

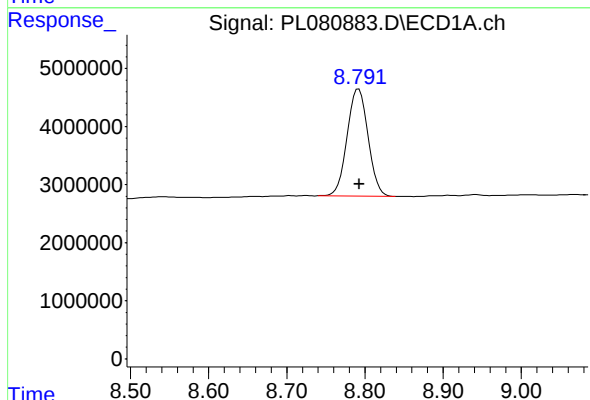
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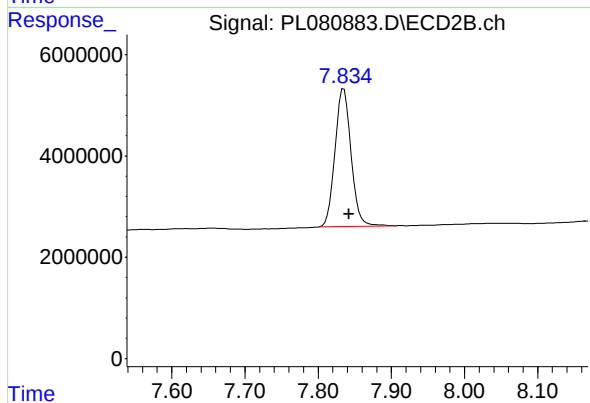
#21 Endrin ketone

R.T.: 6.751 min  
Delta R.T.: -0.005 min  
Response: 8719665  
Conc: 3.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.792 min  
Delta R.T.: -0.001 min  
Response: 34403508  
Conc: 19.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.835 min  
Delta R.T.: -0.007 min  
Response: 41661424  
Conc: 17.49 ng/ml