

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013023\  
 Data File : PL080592.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jan 2023 11:31  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/31/2023  
 Supervised By : Ankita Jodhani 01/31/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 20:38:22 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... | 3.351 | 2.689 | 38062225 | 40714272 | 17.746  | 18.536  |
| 2)                          | SA Decachlor... | 8.786 | 7.834 | 30944823 | 40846831 | 17.675  | 17.144  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.799 | 3.189 | 25793367 | 26874278 | 8.142   | 8.450   |
| 3)                          | MA gamma-BHC... | 4.128 | 3.518 | 25284247 | 25264427 | 8.601   | 8.457   |
| 6)                          | B beta-BHC      | 4.324 | 3.814 | 13846002 | 12971371 | 10.143  | 9.719   |
| 14)                         | MA Endrin       | 6.357 | 5.549 | 85066240 | 90562212 | 39.333  | 39.016  |
| 16)                         | A 4,4'-DDD      | 6.500 | 5.700 | 579753   | 911469   | 0.316m  | 0.485m# |
| 17)                         | MA 4,4'-DDT     | 6.812 | 5.953 | 170.3E6  | 182.8E6  | 81.984  | 86.969  |
| 18)                         | B Endrin al...  | 6.705 | 6.027 | 1561423  | 4387429  | 0.939   | 2.403 # |
| 20)                         | A Methoxychlor  | 7.291 | 6.530 | 217.2E6  | 249.3E6  | 196.845 | 205.468 |
| 21)                         | B Endrin ke...  | 7.418 | 6.749 | 3932036  | 4795193  | 1.782   | 1.878   |
| -----                       |                 |       |       |          |          |         |         |

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

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Data File : PL080592.D  
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Acq On : 30 Jan 2023 11:31  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

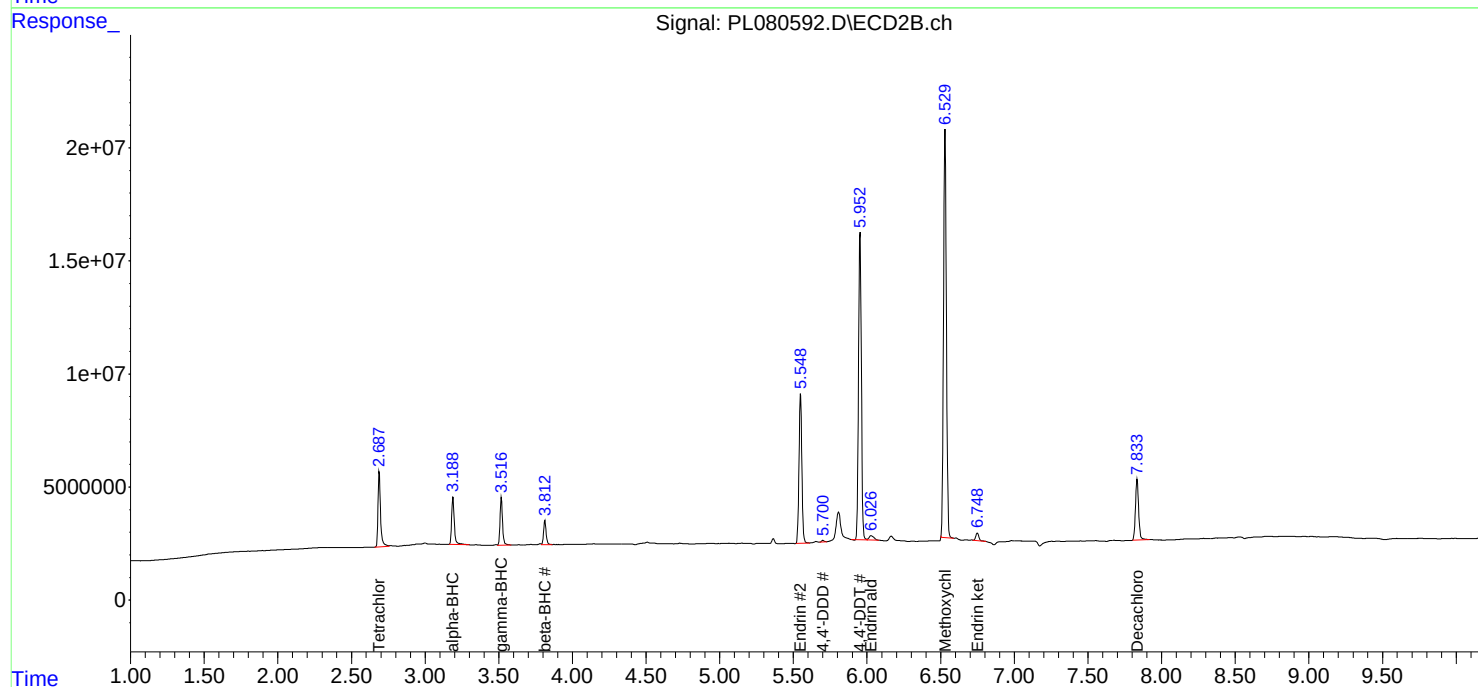
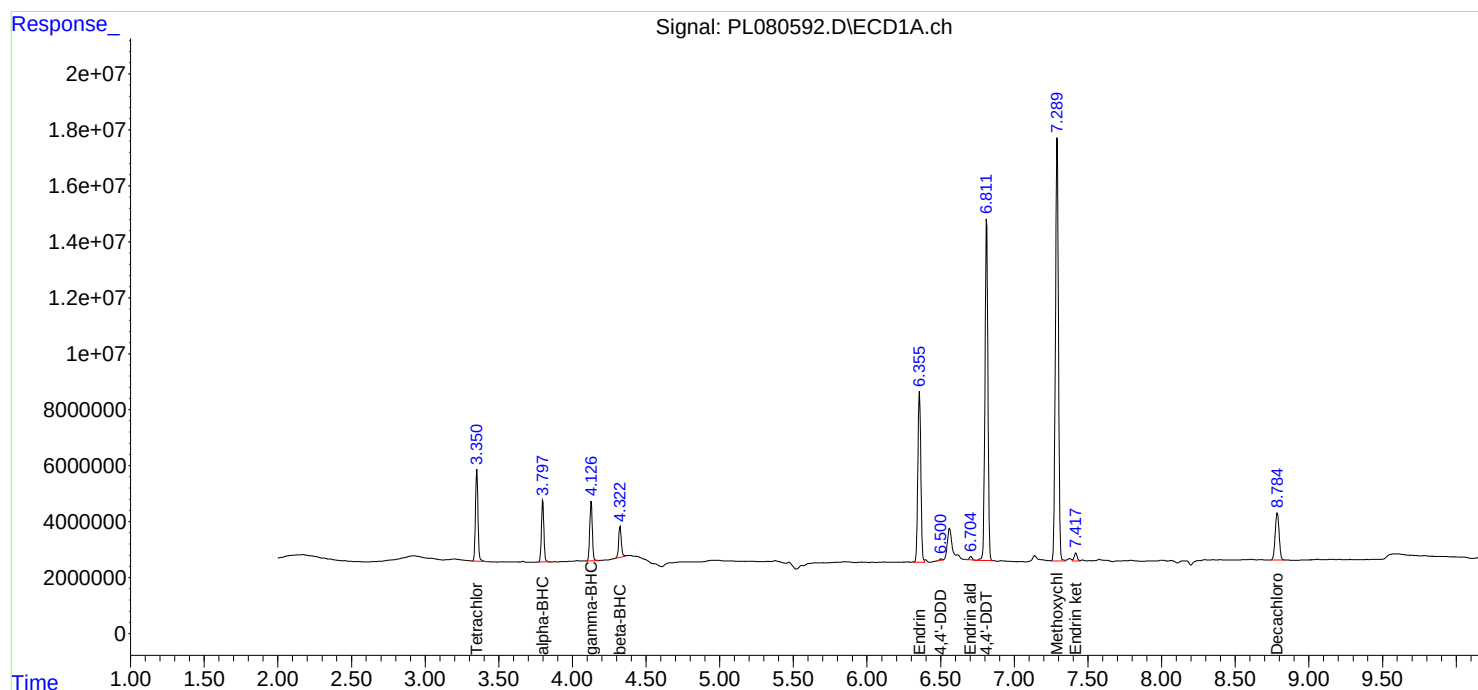
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

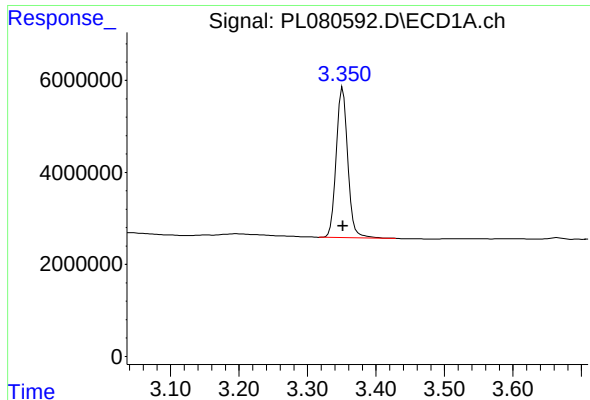
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
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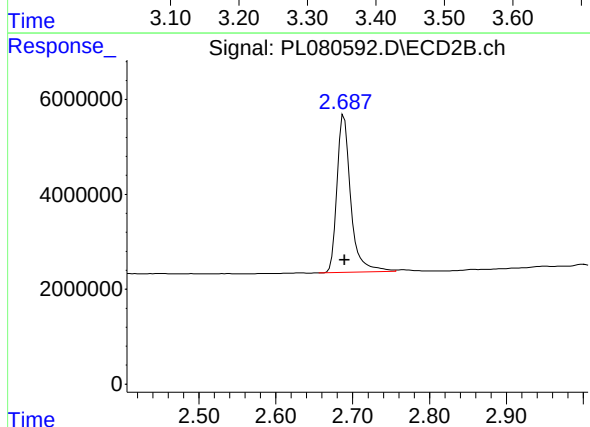
#1 Tetrachloro-m-xylene

R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 38062225  
Conc: 17.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

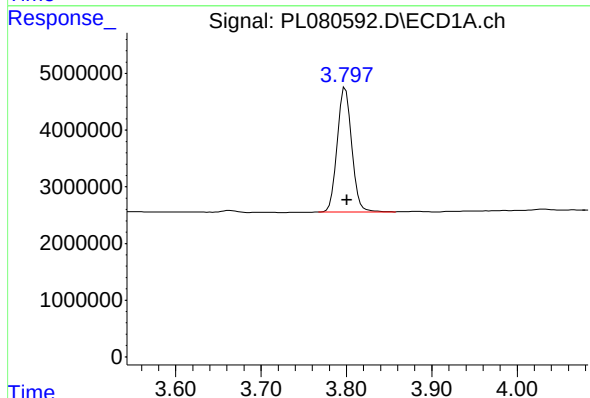
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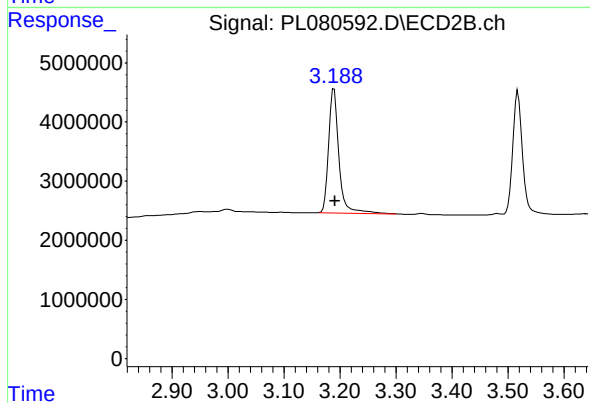
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 40714272  
Conc: 18.54 ng/ml



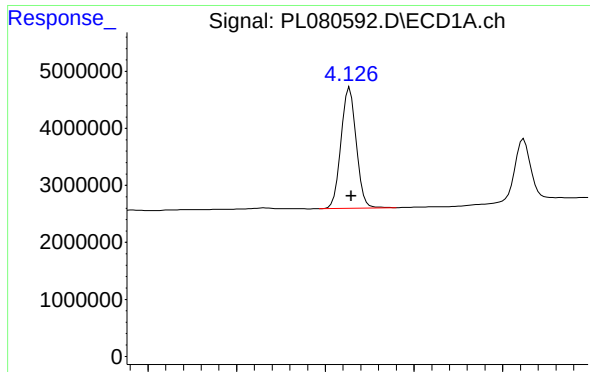
#2 alpha-BHC

R.T.: 3.799 min  
Delta R.T.: -0.002 min  
Response: 25793367  
Conc: 8.14 ng/ml



#2 alpha-BHC

R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 26874278  
Conc: 8.45 ng/ml



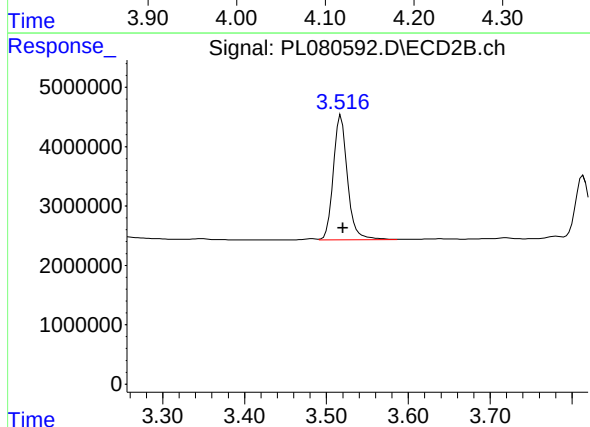
#3 gamma-BHC (Lindane)

R.T.: 4.128 min  
Delta R.T.: -0.002 min  
Response: 25284247  
Conc: 8.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

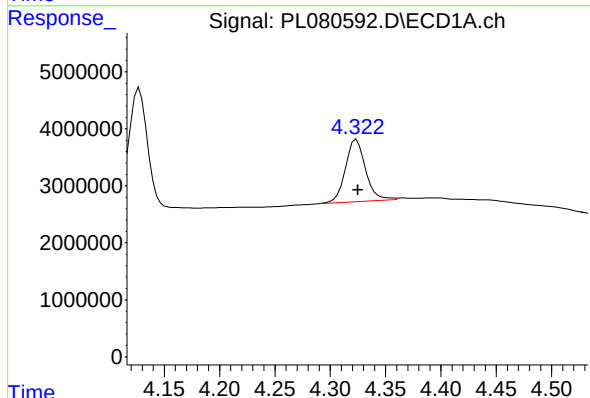
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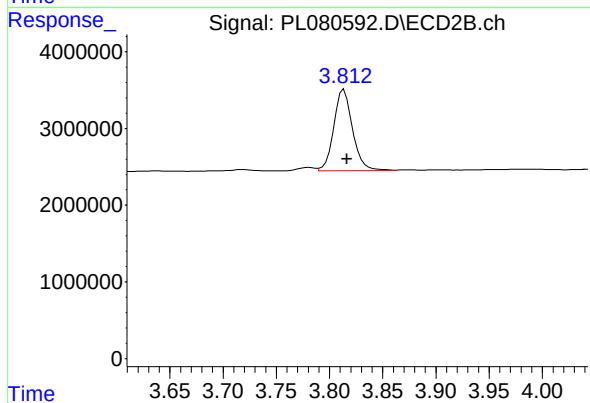
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.003 min  
Response: 25264427  
Conc: 8.46 ng/ml



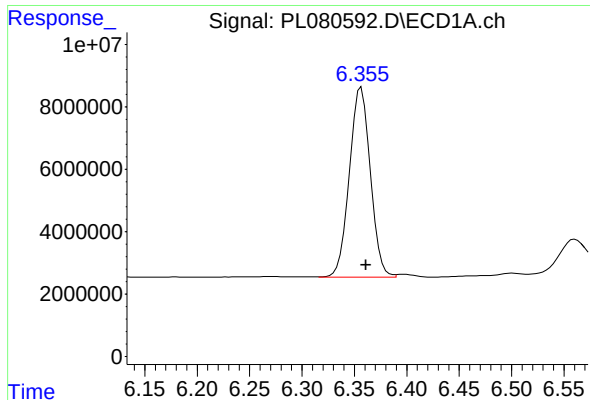
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: -0.001 min  
Response: 13846002  
Conc: 10.14 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.003 min  
Response: 12971371  
Conc: 9.72 ng/ml



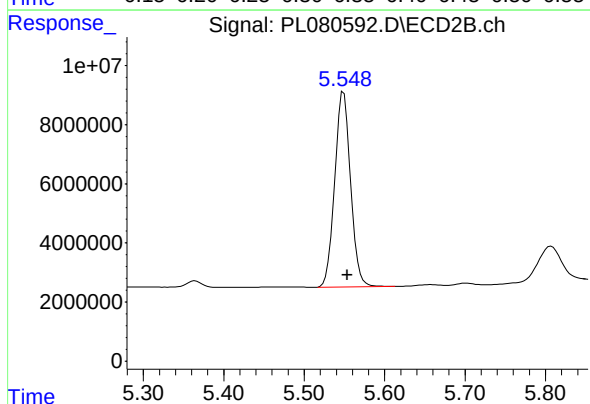
#14 Endrin

R.T.: 6.357 min  
Delta R.T.: -0.005 min  
Response: 85066240  
Conc: 39.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

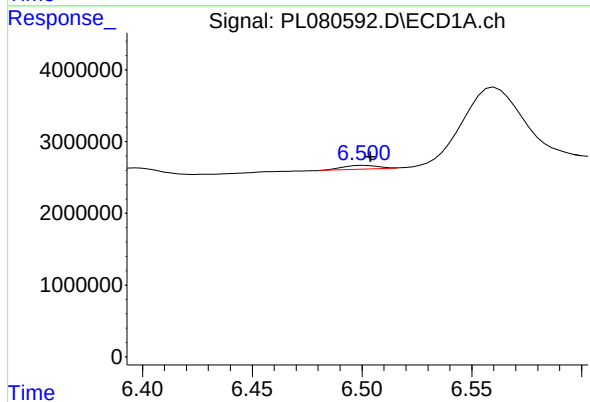
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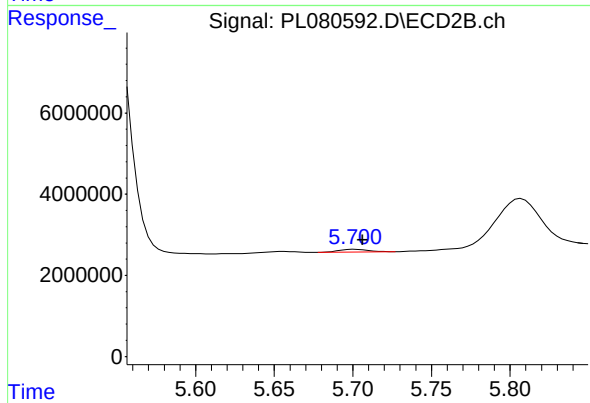
#14 Endrin

R.T.: 5.549 min  
Delta R.T.: -0.005 min  
Response: 90562212  
Conc: 39.02 ng/ml



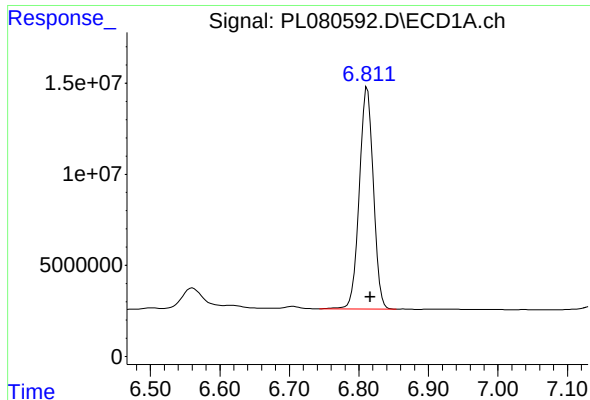
#16 4,4'-DDD

R.T.: 6.500 min  
Delta R.T.: -0.004 min  
Response: 579753  
Conc: 0.32 ng/ml m



#16 4,4'-DDD

R.T.: 5.700 min  
Delta R.T.: -0.007 min  
Response: 911469  
Conc: 0.49 ng/ml m



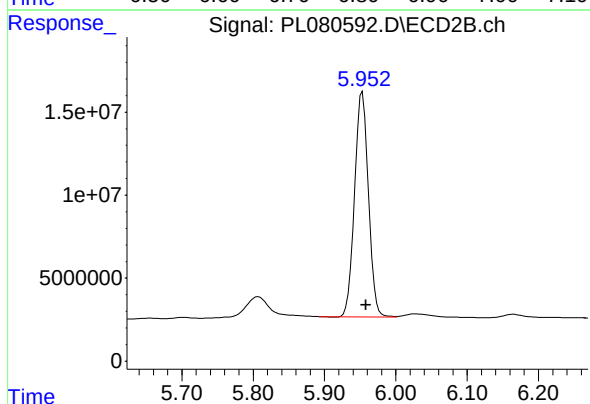
#17 4,4'-DDT

R.T.: 6.812 min  
Delta R.T.: -0.004 min  
Response: 170335784  
Conc: 81.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

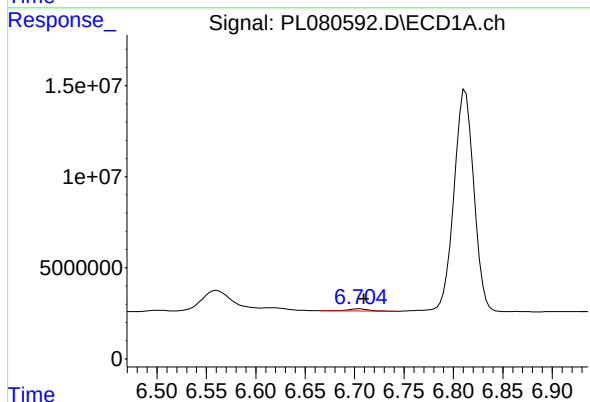
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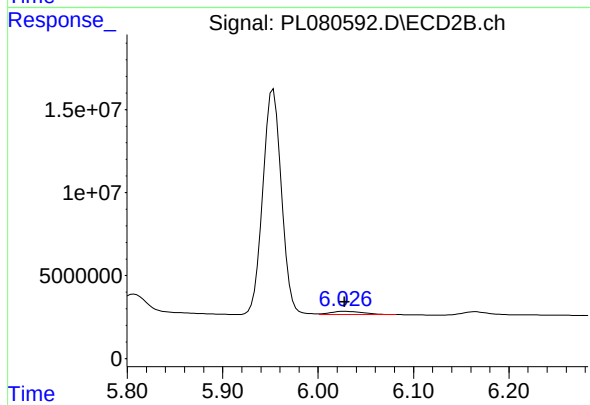
#17 4,4'-DDT

R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 182764060  
Conc: 86.97 ng/ml



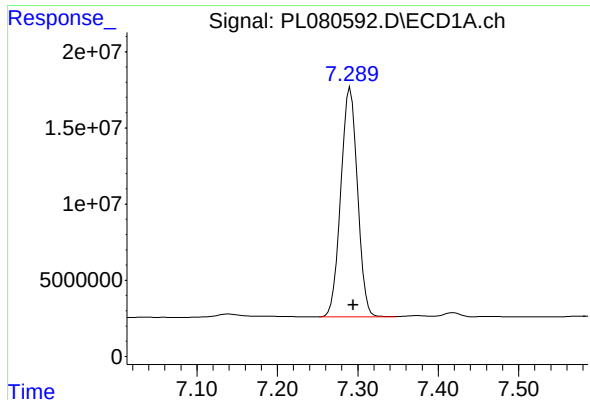
#18 Endrin aldehyde

R.T.: 6.705 min  
Delta R.T.: -0.004 min  
Response: 1561423  
Conc: 0.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 4387429  
Conc: 2.40 ng/ml



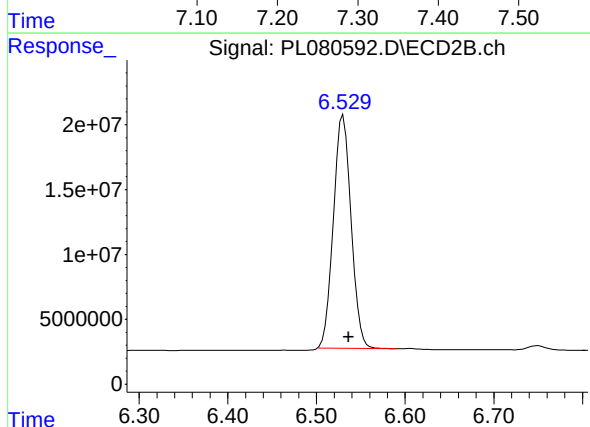
#20 Methoxychlor

R.T.: 7.291 min  
Delta R.T.: -0.004 min  
Response: 217176884  
Conc: 196.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

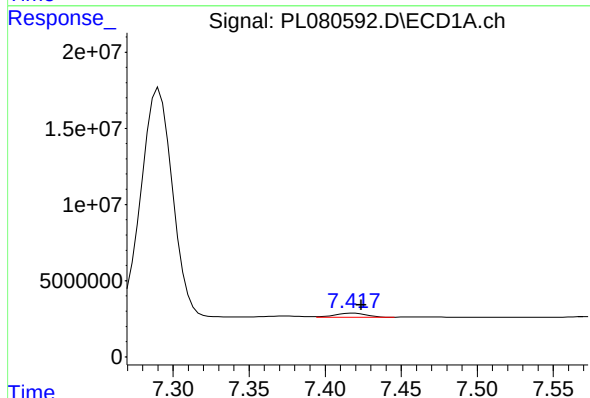
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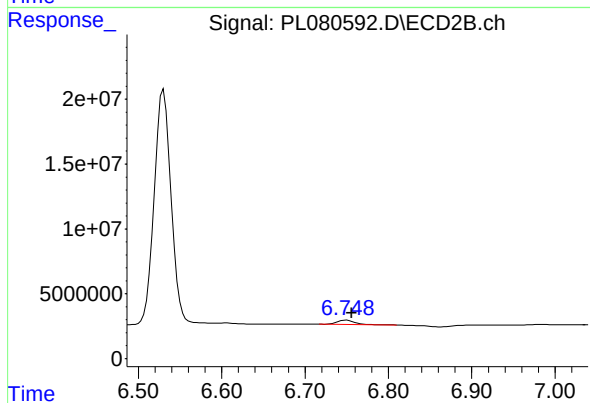
#20 Methoxychlor

R.T.: 6.530 min  
Delta R.T.: -0.006 min  
Response: 249327896  
Conc: 205.47 ng/ml



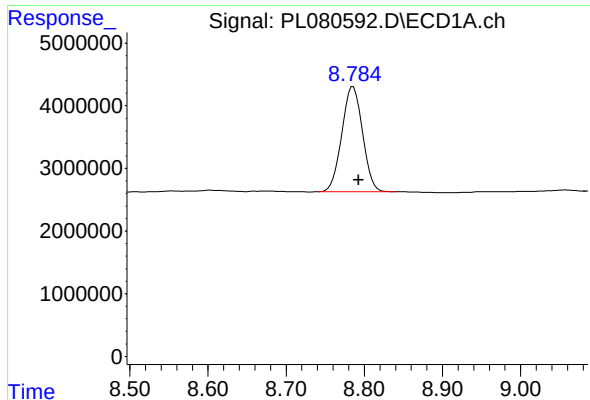
#21 Endrin ketone

R.T.: 7.418 min  
Delta R.T.: -0.005 min  
Response: 3932036  
Conc: 1.78 ng/ml



#21 Endrin ketone

R.T.: 6.749 min  
Delta R.T.: -0.006 min  
Response: 4795193  
Conc: 1.88 ng/ml



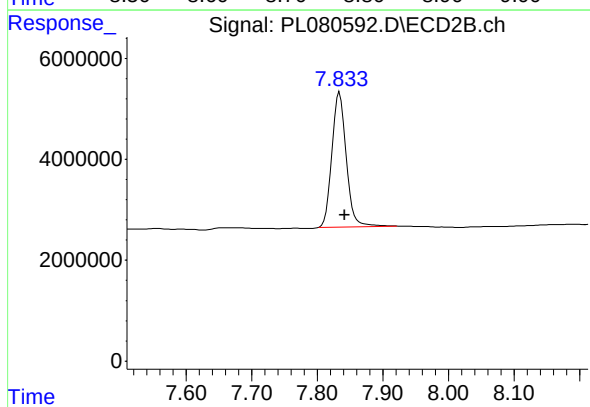
#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.007 min  
Response: 30944823  
Conc: 17.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.834 min  
Delta R.T.: -0.008 min  
Response: 40846831  
Conc: 17.14 ng/ml