

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061923\  
 Data File : PL083562.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2023 21:41  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/20/2023  
 Supervised By : Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 04:24:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 17 12:34:26 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... | 3.455 | 2.753 | 40401026 | 45370627 | 18.278  | 19.478  |
| 28)                         | SA Decachlor... | 8.991 | 7.962 | 35879103 | 44770721 | 18.829  | 18.228  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.911 | 3.263 | 26282113 | 30916025 | 8.442   | 9.159   |
| 3)                          | MA gamma-BHC... | 4.245 | 3.596 | 25568819 | 29465532 | 8.969   | 9.178   |
| 6)                          | B beta-BHC      | 4.442 | 3.898 | 13979778 | 15354327 | 10.805m | 10.288  |
| 14)                         | MA Endrin       | 6.498 | 5.651 | 82015444 | 116.9E6  | 46.471  | 50.663  |
| 16)                         | A 4,4'-DDD      | 6.640 | 5.809 | 12845747 | 16887917 | 7.523   | 7.658   |
| 17)                         | MA 4,4'-DDT     | 6.955 | 6.063 | 136.8E6  | 187.5E6  | 81.237  | 89.818  |
| 18)                         | B Endrin al...  | 6.849 | 6.131 | 1755932  | 3695229  | 1.185   | 1.955 # |
| 20)                         | A Methoxychlor  | 7.437 | 6.648 | 201.7E6  | 257.7E6  | 222.357 | 213.816 |
| 21)                         | B Endrin ke...  | 7.568 | 6.862 | 5047992  | 8142806  | 2.356   | 2.896   |
| -----                       |                 |       |       |          |          |         |         |

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

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Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

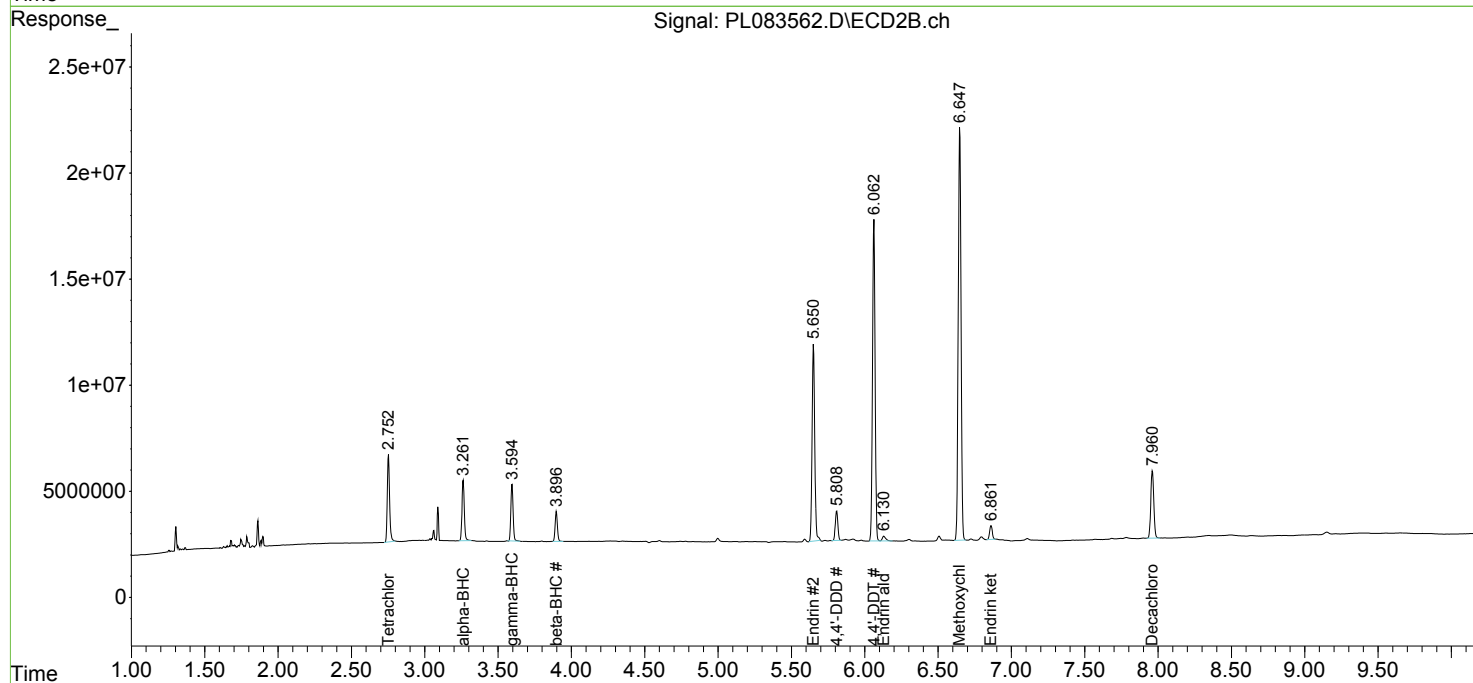
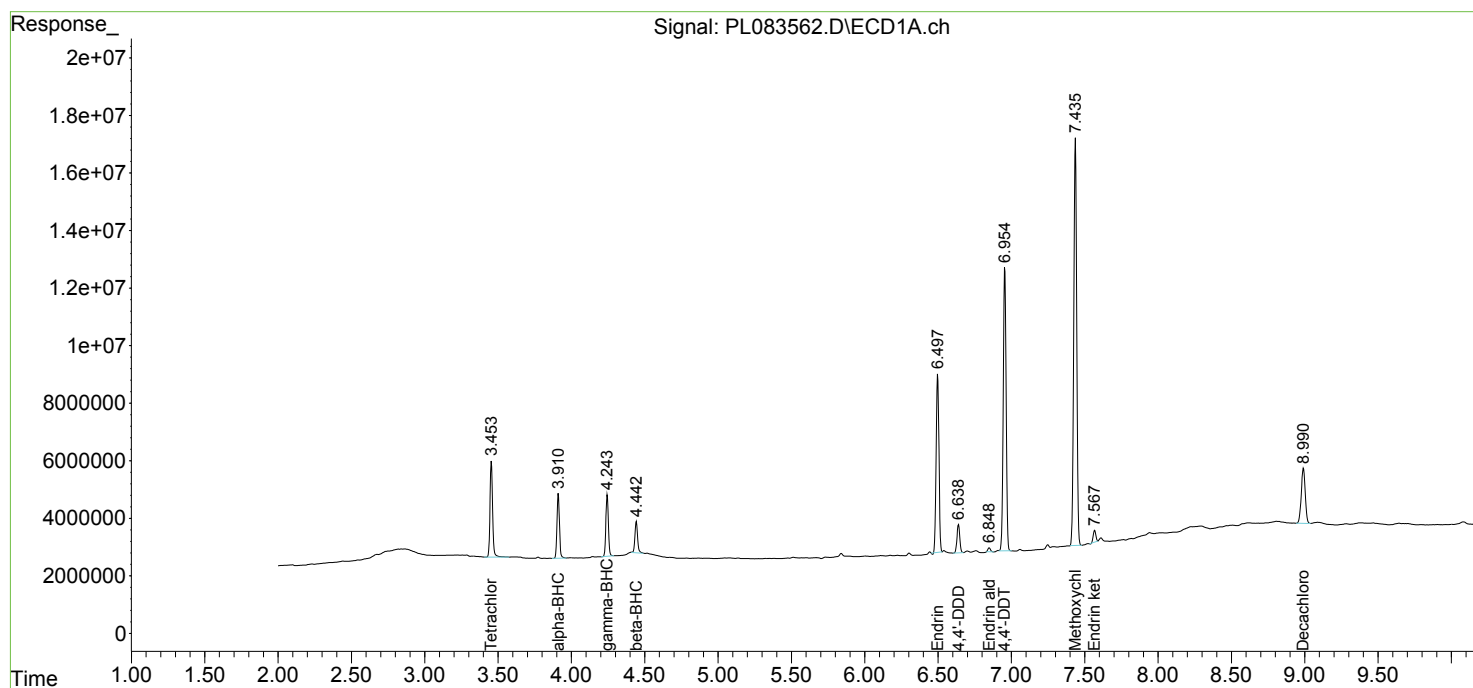
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

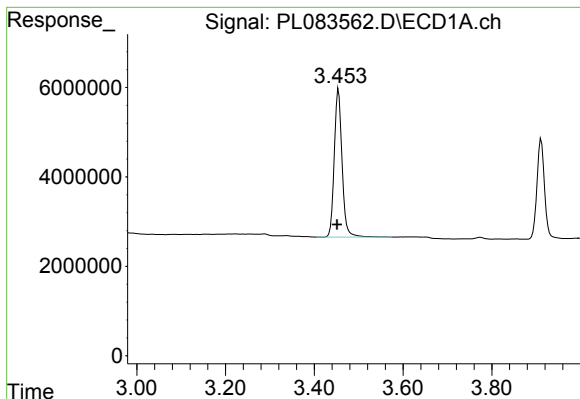
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Integration File signal 1: autoint1.e  
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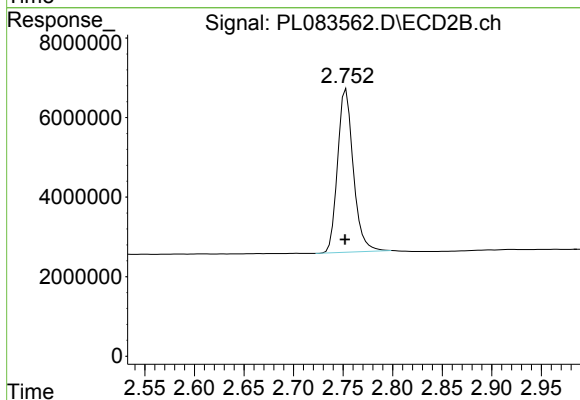
#1 Tetrachloro-m-xylene

R.T.: 3.455 min  
Delta R.T.: 0.004 min  
Response: 40401026  
Conc: 18.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

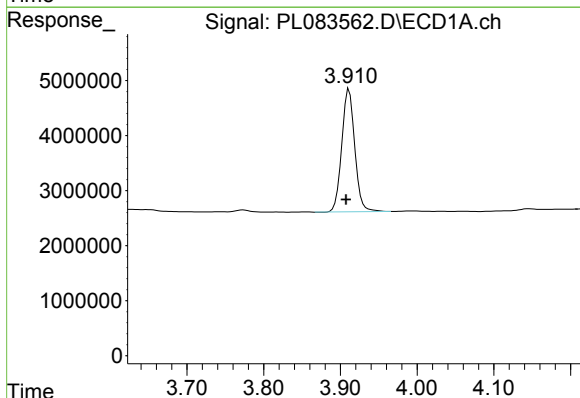
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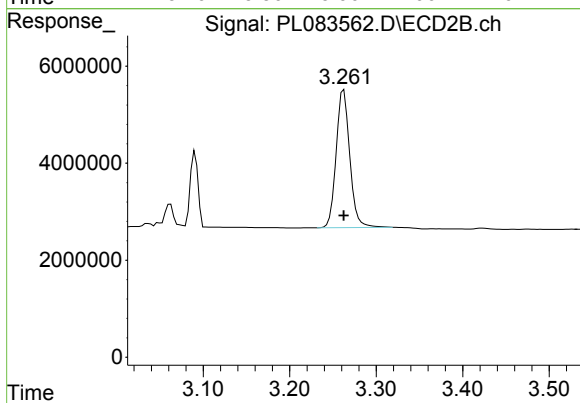
#1 Tetrachloro-m-xylene

R.T.: 2.753 min  
Delta R.T.: 0.001 min  
Response: 45370627  
Conc: 19.48 ng/ml



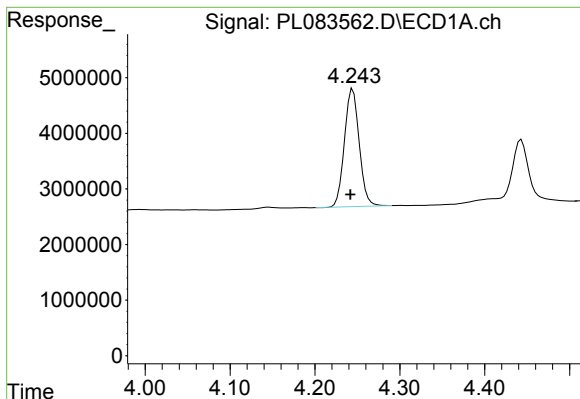
#2 alpha-BHC

R.T.: 3.911 min  
Delta R.T.: 0.004 min  
Response: 26282113  
Conc: 8.44 ng/ml



#2 alpha-BHC

R.T.: 3.263 min  
Delta R.T.: 0.000 min  
Response: 30916025  
Conc: 9.16 ng/ml



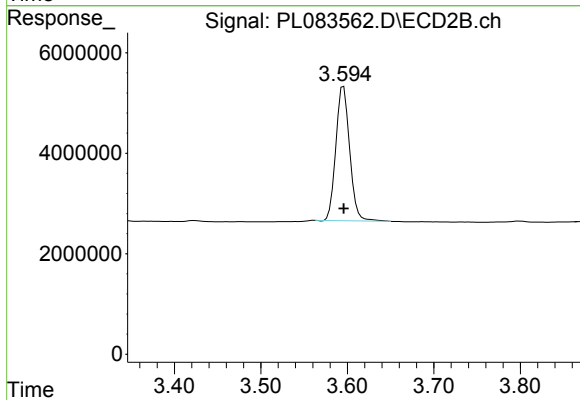
#3 gamma-BHC (Lindane)

R.T.: 4.245 min  
Delta R.T.: 0.003 min  
Response: 25568819  
Conc: 8.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

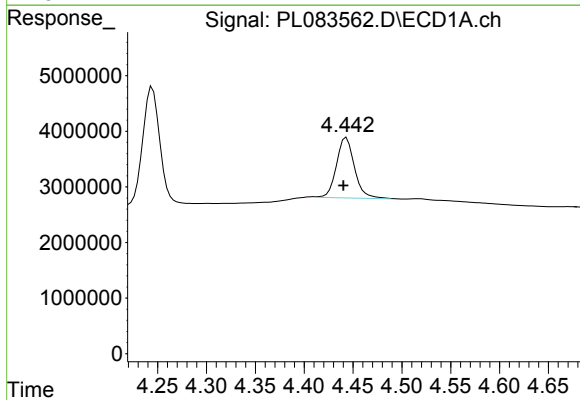
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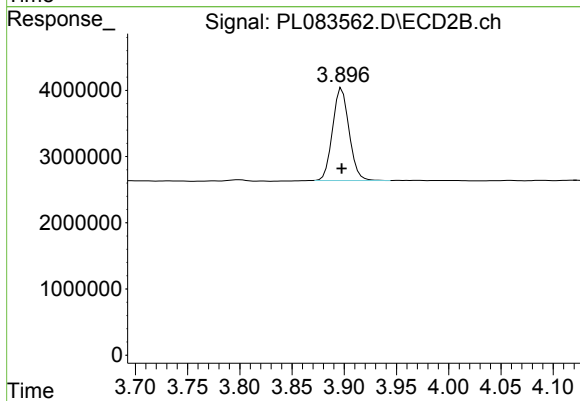
#3 gamma-BHC (Lindane)

R.T.: 3.596 min  
Delta R.T.: 0.000 min  
Response: 29465532  
Conc: 9.18 ng/ml



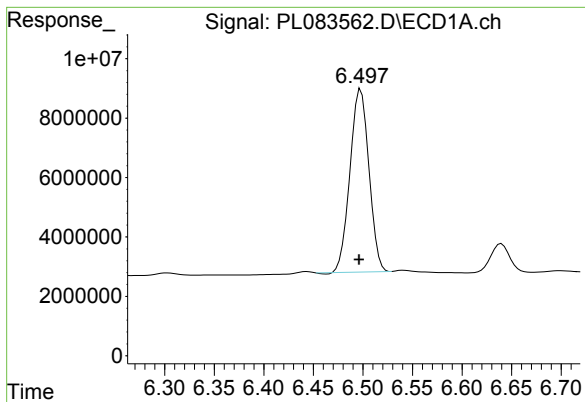
#6 beta-BHC

R.T.: 4.442 min  
Delta R.T.: 0.002 min  
Response: 13979778  
Conc: 10.81 ng/ml m



#6 beta-BHC

R.T.: 3.898 min  
Delta R.T.: 0.000 min  
Response: 15354327  
Conc: 10.29 ng/ml



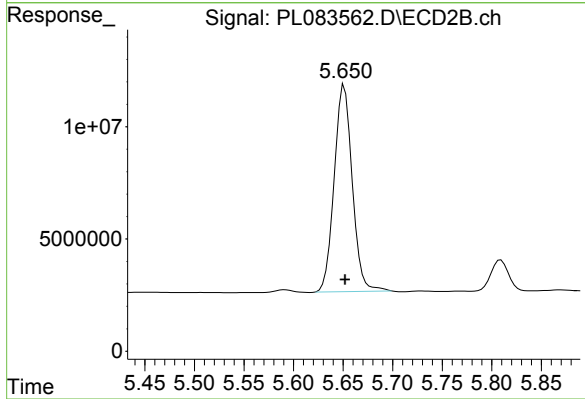
#14 Endrin

R.T.: 6.498 min  
Delta R.T.: 0.002 min  
Response: 82015444  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

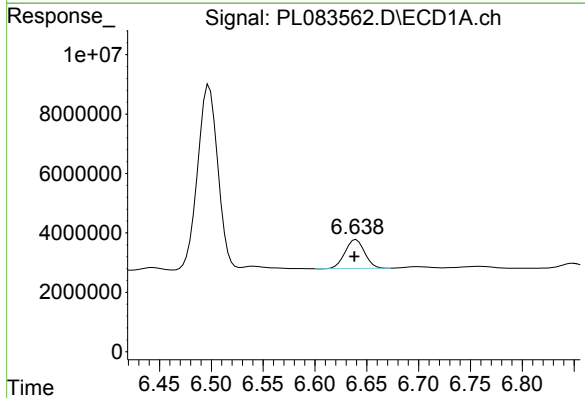
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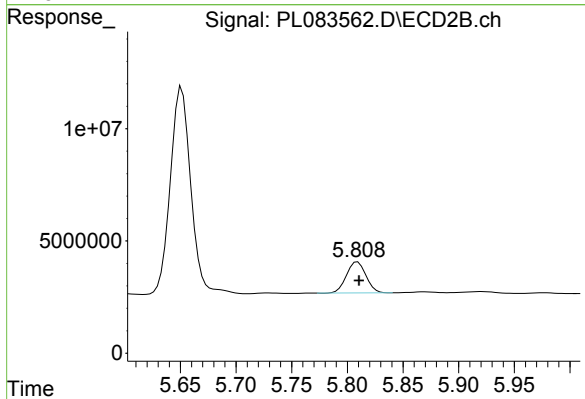
#14 Endrin

R.T.: 5.651 min  
Delta R.T.: 0.000 min  
Response: 116936047  
Conc: 50.66 ng/ml



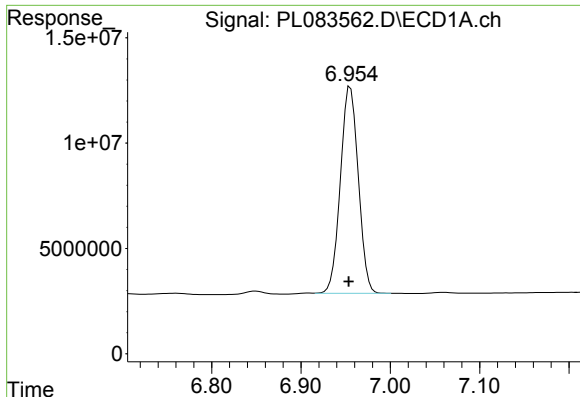
#16 4,4'-DDD

R.T.: 6.640 min  
Delta R.T.: 0.002 min  
Response: 12845747  
Conc: 7.52 ng/ml



#16 4,4'-DDD

R.T.: 5.809 min  
Delta R.T.: -0.001 min  
Response: 16887917  
Conc: 7.66 ng/ml



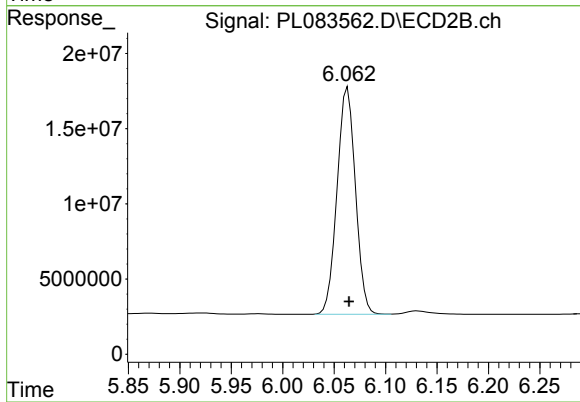
#17 4,4'-DDT

R.T.: 6.955 min  
Delta R.T.: 0.002 min  
Response: 136775569  
Conc: 81.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

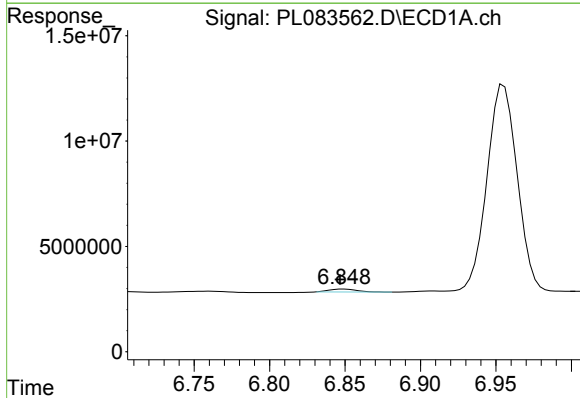
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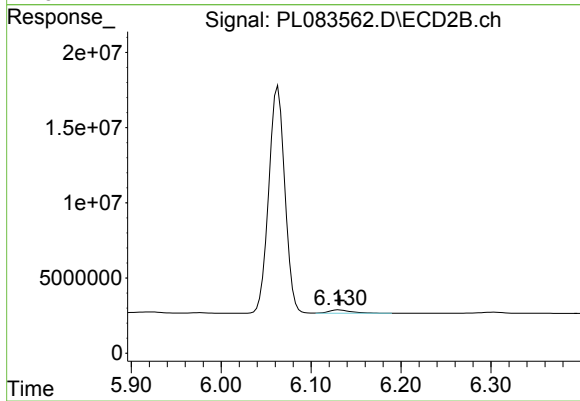
#17 4,4'-DDT

R.T.: 6.063 min  
Delta R.T.: -0.001 min  
Response: 187525999  
Conc: 89.82 ng/ml



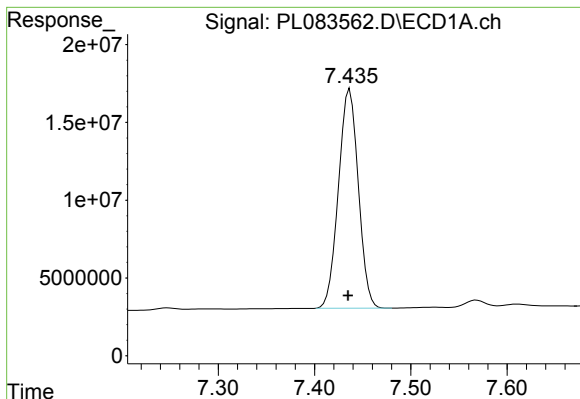
#18 Endrin aldehyde

R.T.: 6.849 min  
Delta R.T.: 0.002 min  
Response: 1755932  
Conc: 1.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min  
Delta R.T.: 0.000 min  
Response: 3695229  
Conc: 1.96 ng/ml



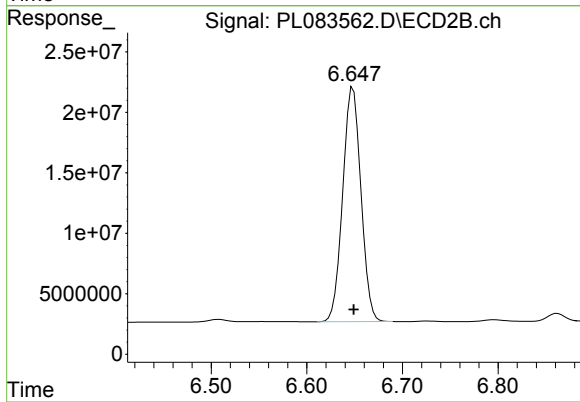
#20 Methoxychlor

R.T.: 7.437 min  
Delta R.T.: 0.002 min  
Response: 201691363  
Conc: 222.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

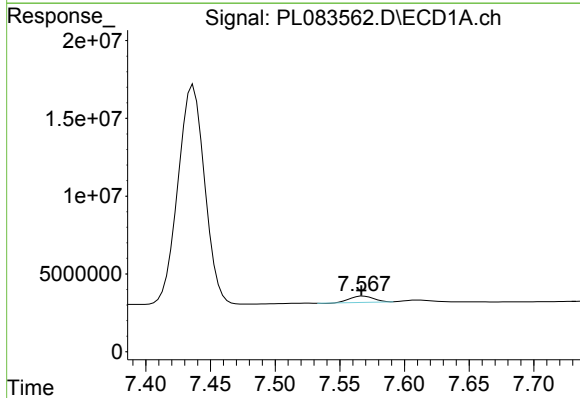
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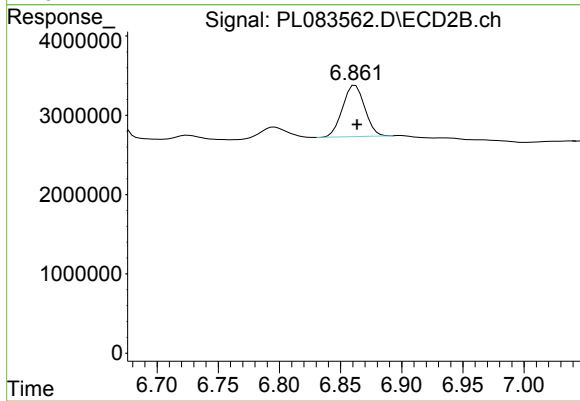
#20 Methoxychlor

R.T.: 6.648 min  
Delta R.T.: 0.000 min  
Response: 257684830  
Conc: 213.82 ng/ml



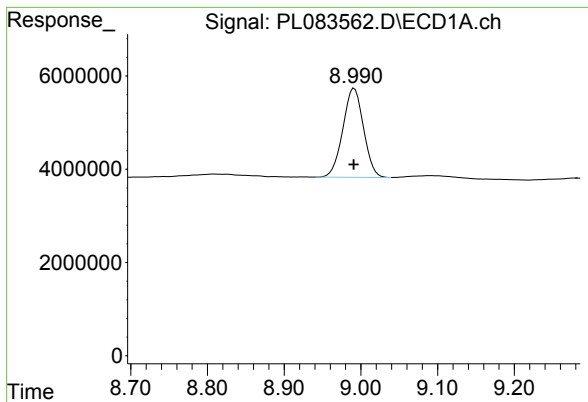
#21 Endrin ketone

R.T.: 7.568 min  
Delta R.T.: 0.002 min  
Response: 5047992  
Conc: 2.36 ng/ml



#21 Endrin ketone

R.T.: 6.862 min  
Delta R.T.: -0.001 min  
Response: 8142806  
Conc: 2.90 ng/ml



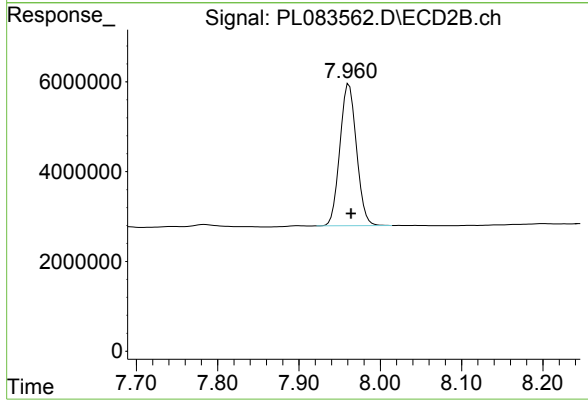
#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.000 min  
Response: 35879103  
Conc: 18.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.962 min  
Delta R.T.: -0.002 min  
Response: 44770721  
Conc: 18.23 ng/ml