

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
 Data File : PL080901.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2023 08:54  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul  
 Mirza

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 20:25:18 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

02/15/2023  
 Supervised By :Ankita  
 Jodhani

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    | 02/15/2023 |
|-----------------------------|-------|-------|----------|----------|---------|----------|------------|
| -----                       |       |       |          |          |         |          |            |
| System Monitoring Compounds |       |       |          |          |         |          |            |
| 1) SA Tetrachlo...          | 3.353 | 2.689 | 42922292 | 40895728 | 20.012  | 18.619   |            |
| 28) SA Decachlor...         | 8.790 | 7.833 | 30778145 | 37035199 | 17.580  | 15.544   |            |
| Target Compounds            |       |       |          |          |         |          |            |
| 2) A alpha-BHC              | 3.800 | 3.189 | 29618353 | 26977462 | 9.349   | 8.482    |            |
| 3) MA gamma-BHC...          | 4.129 | 3.517 | 28566334 | 25487360 | 9.717   | 8.532    |            |
| 6) B beta-BHC               | 4.326 | 3.813 | 14368304 | 13255115 | 10.526  | 9.932    |            |
| 12) B 4,4'-DDE              | 5.986 | 5.147 | 318298   | 373946   | 0.143   | 0.159    |            |
| 14) MA Endrin               | 6.359 | 5.548 | 87242150 | 95331371 | 40.340  | 41.071   |            |
| 16) A 4,4'-DDD              | 6.501 | 5.700 | 8620062  | 8205585  | 4.705   | 4.367    |            |
| 17) MA 4,4'-DDT             | 6.814 | 5.951 | 169.7E6  | 185.6E6  | 81.669  | 88.342   |            |
| 18) B Endrin al...          | 6.707 | 6.022 | 3136610  | 4431788  | 1.886   | 2.427 #  |            |
| 20) A Methoxychlor          | 7.292 | 6.527 | 231.6E6  | 243.4E6  | 209.934 | 200.596m |            |
| 21) B Endrin ke...          | 7.420 | 6.748 | 7561171  | 8821664  | 3.427   | 3.455    |            |
| -----                       |       |       |          |          |         |          |            |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021423\  
Data File : PL080901.D  
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Acq On : 14 Feb 2023 08:54  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

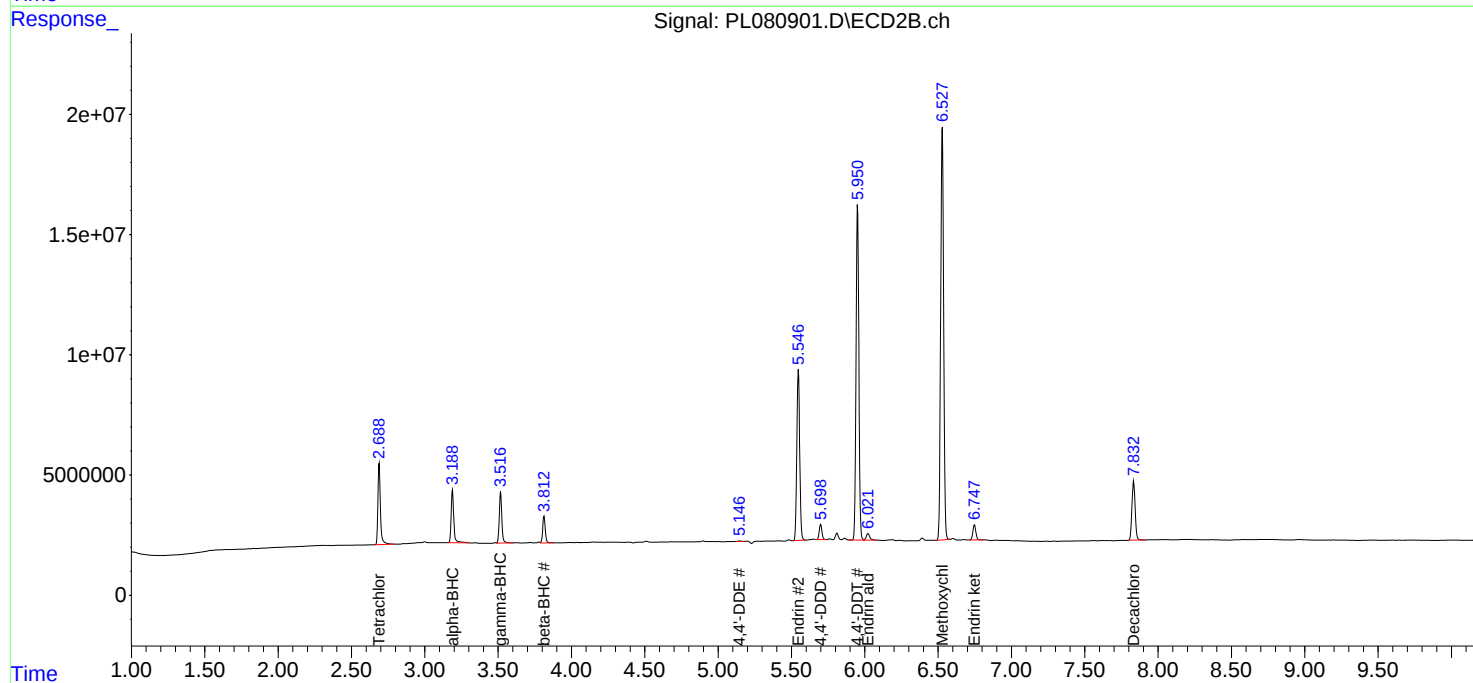
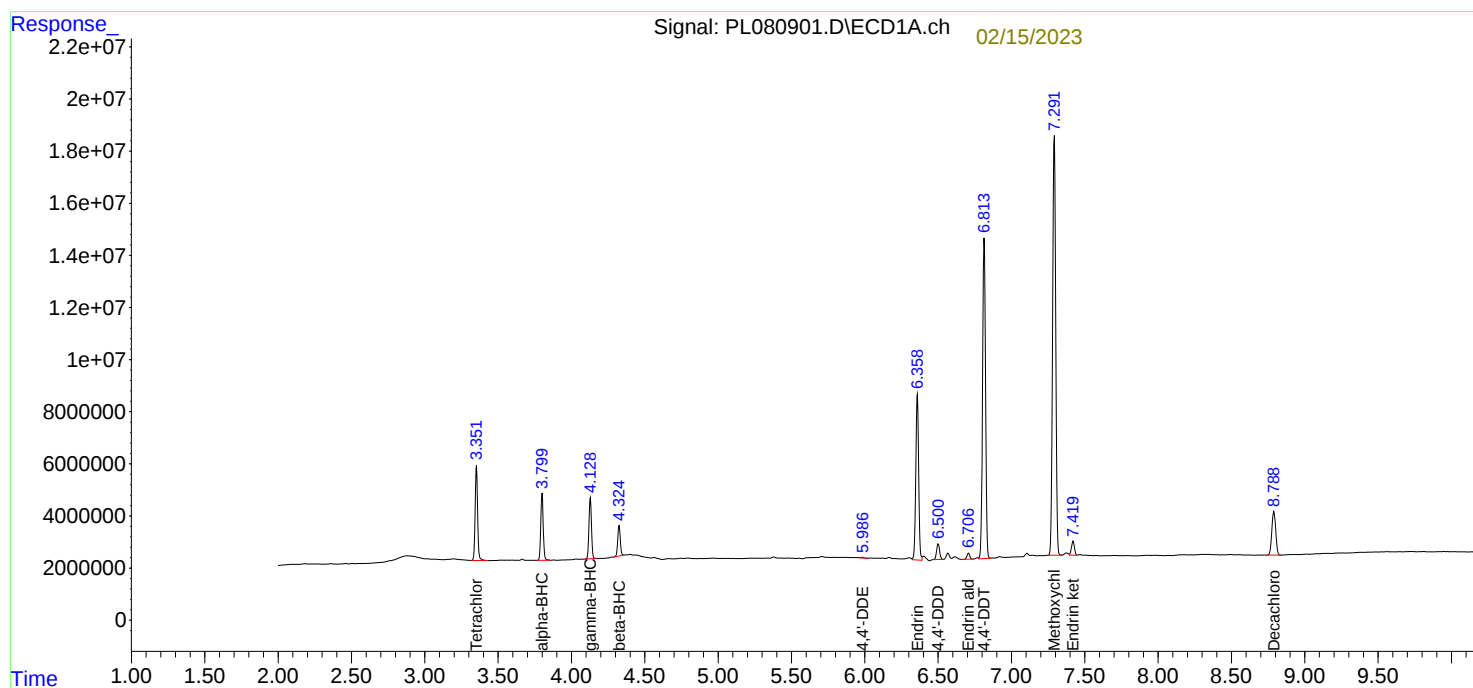
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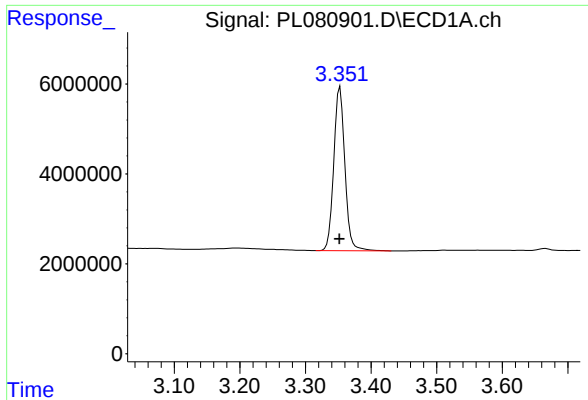
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 20:25:18 2023  
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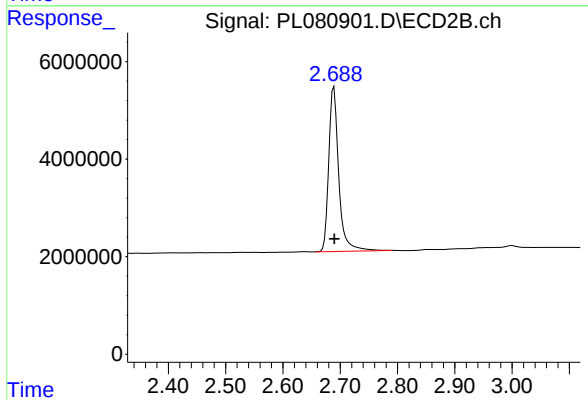
#1 Tetrachloro-m-xylene

R.T.: 3.353 min  
Delta R.T.: 0.000 min  
Response: 42922292  
Conc: 20.01 ng/ml

Instrument :  
ECD\_L  
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PEM

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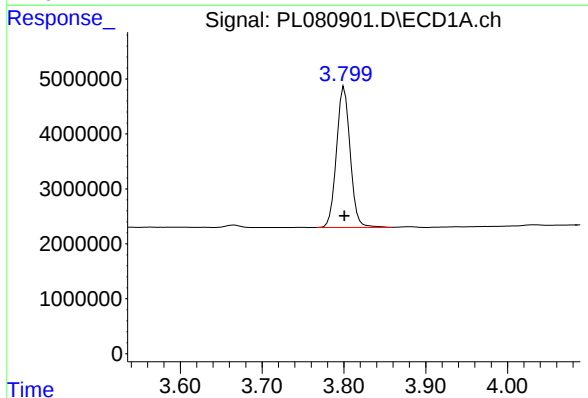


#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 40895728  
Conc: 18.62 ng/ml

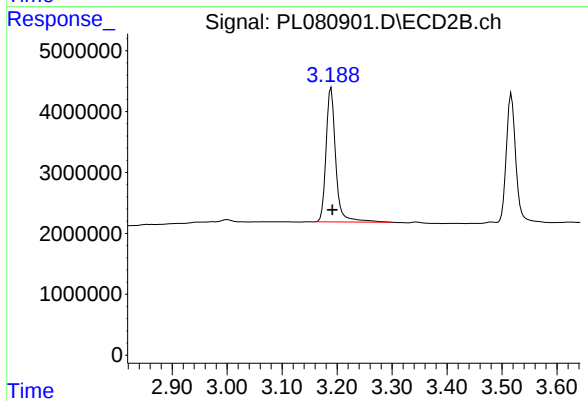
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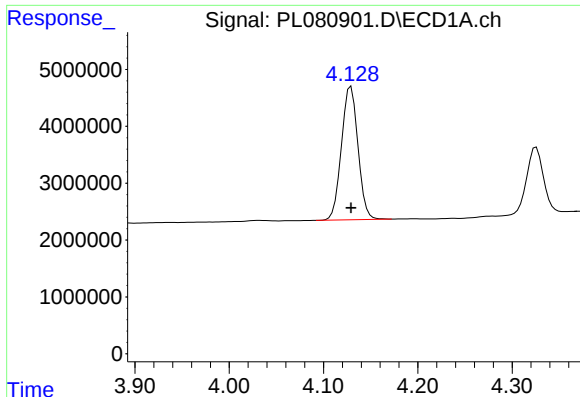
#2 alpha-BHC

R.T.: 3.800 min  
Delta R.T.: 0.000 min  
Response: 29618353  
Conc: 9.35 ng/ml



#2 alpha-BHC

R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 26977462  
Conc: 8.48 ng/ml



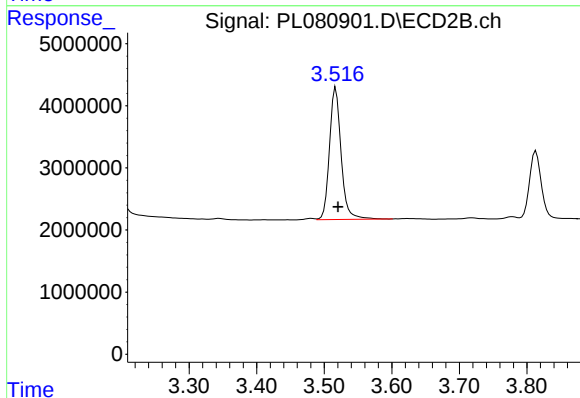
#3 gamma-BHC (Lindane)

R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 28566334  
Conc: 9.72 ng/ml

Instrument :  
ECD\_L  
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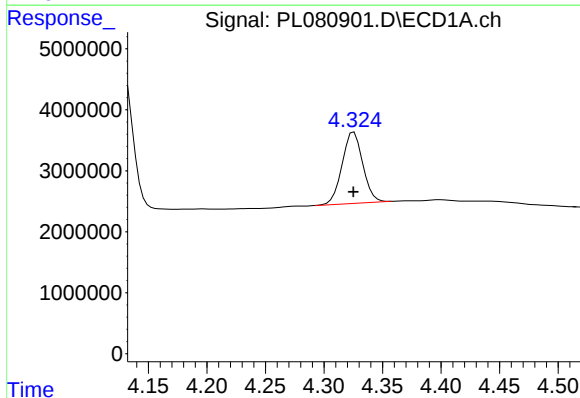


#3 gamma-BHC (Lindane)

R.T.: 3.517 min  
Delta R.T.: -0.003 min  
Response: 25487360  
Conc: 8.53 ng/ml

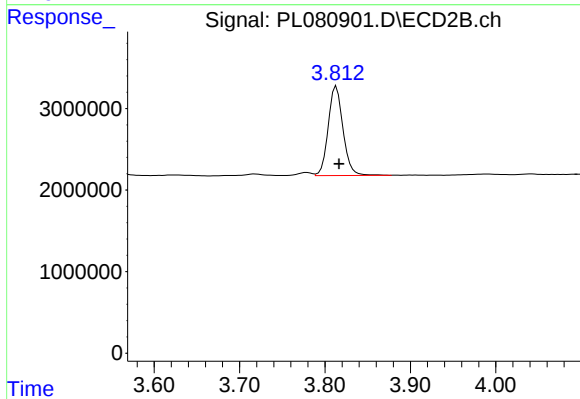
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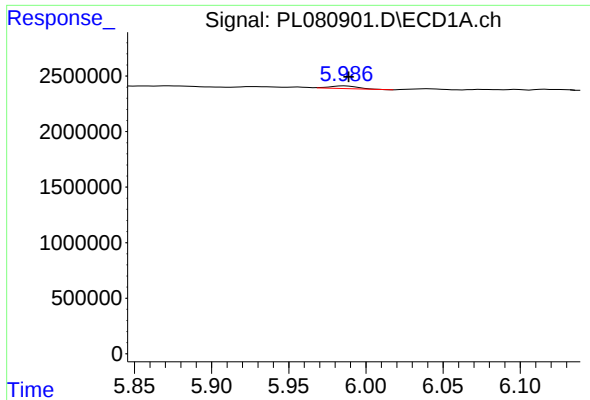
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 14368304  
Conc: 10.53 ng/ml



#6 beta-BHC

R.T.: 3.813 min  
Delta R.T.: -0.003 min  
Response: 13255115  
Conc: 9.93 ng/ml



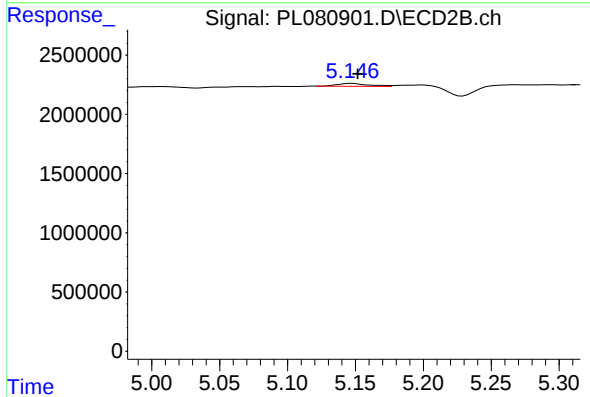
#12 4,4'-DDE

R.T.: 5.986 min  
Delta R.T.: -0.003 min  
Response: 318298  
Conc: 0.14 ng/ml

Instrument :  
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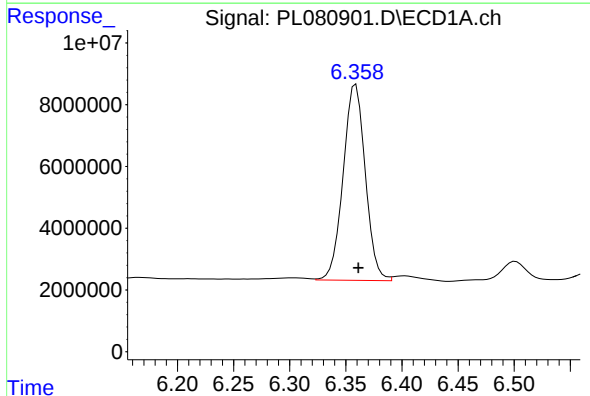


#12 4,4'-DDE

R.T.: 5.147 min  
Delta R.T.: -0.005 min  
Response: 373946  
Conc: 0.16 ng/ml

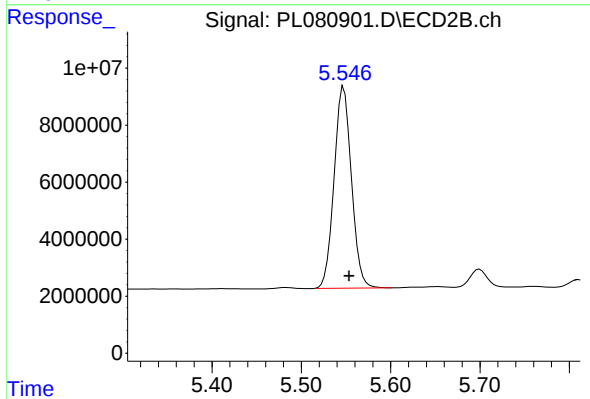
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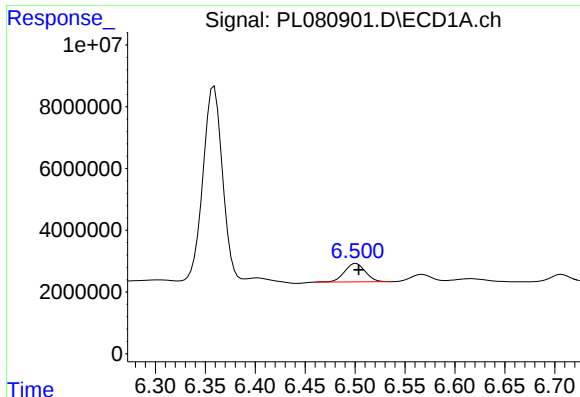
#14 Endrin

R.T.: 6.359 min  
Delta R.T.: -0.002 min  
Response: 87242150  
Conc: 40.34 ng/ml



#14 Endrin

R.T.: 5.548 min  
Delta R.T.: -0.006 min  
Response: 95331371  
Conc: 41.07 ng/ml



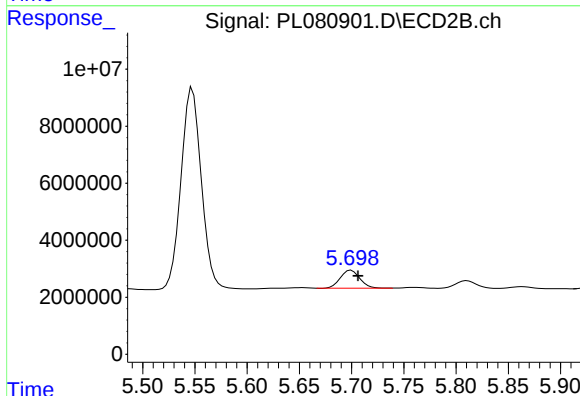
#16 4,4'-DDD

R.T.: 6.501 min  
Delta R.T.: -0.003 min  
Response: 8620062  
Conc: 4.71 ng/ml

Instrument :  
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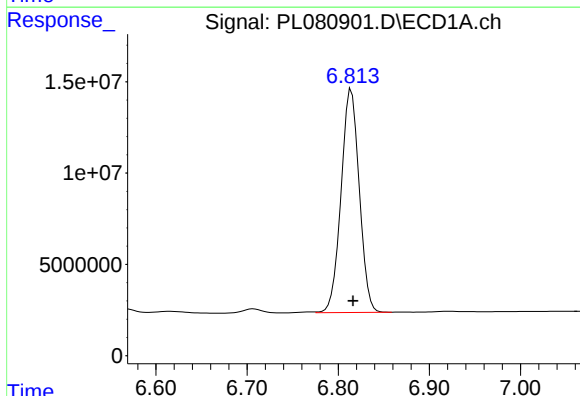


#16 4,4'-DDD

R.T.: 5.700 min  
Delta R.T.: -0.007 min  
Response: 8205585  
Conc: 4.37 ng/ml

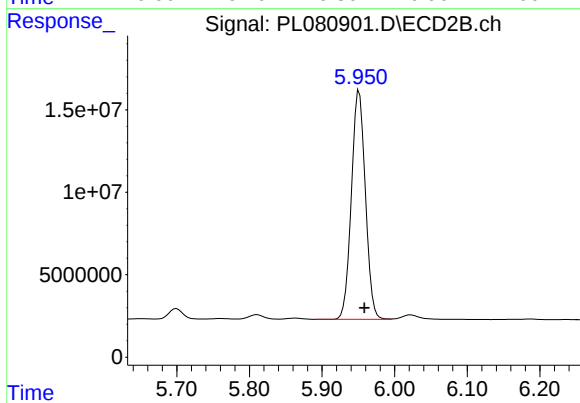
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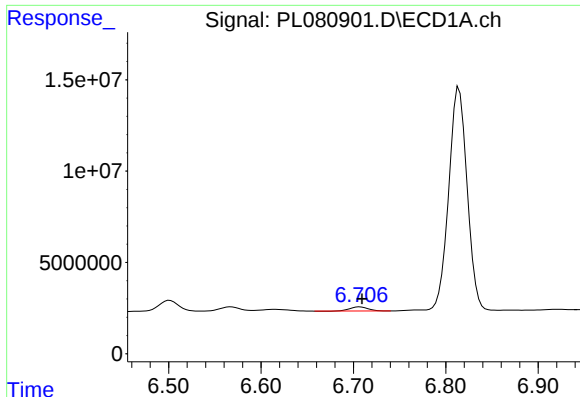
#17 4,4'-DDT

R.T.: 6.814 min  
Delta R.T.: -0.002 min  
Response: 169680009  
Conc: 81.67 ng/ml



#17 4,4'-DDT

R.T.: 5.951 min  
Delta R.T.: -0.007 min  
Response: 185648530  
Conc: 88.34 ng/ml



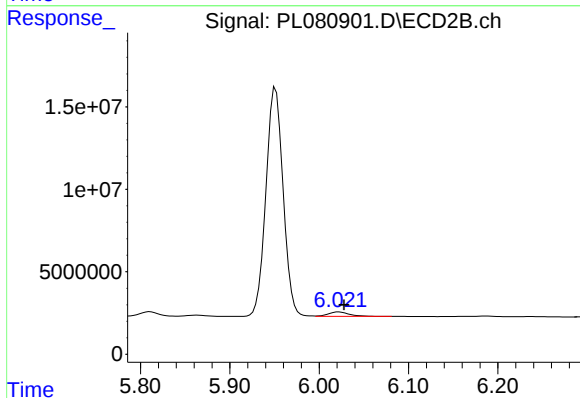
#18 Endrin aldehyde

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 3136610  
Conc: 1.89 ng/ml

Instrument :  
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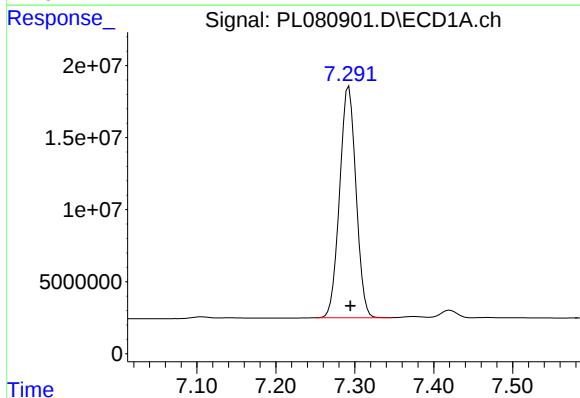


#18 Endrin aldehyde

R.T.: 6.022 min  
Delta R.T.: -0.005 min  
Response: 4431788  
Conc: 2.43 ng/ml

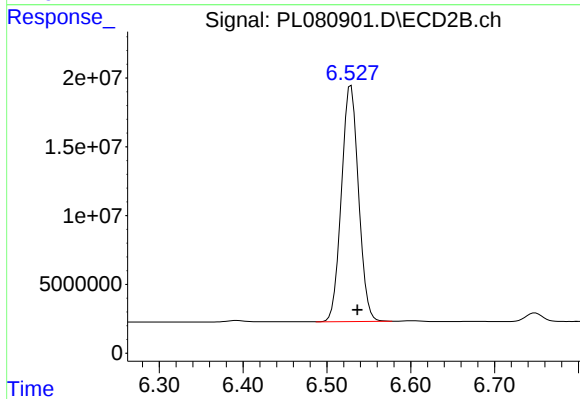
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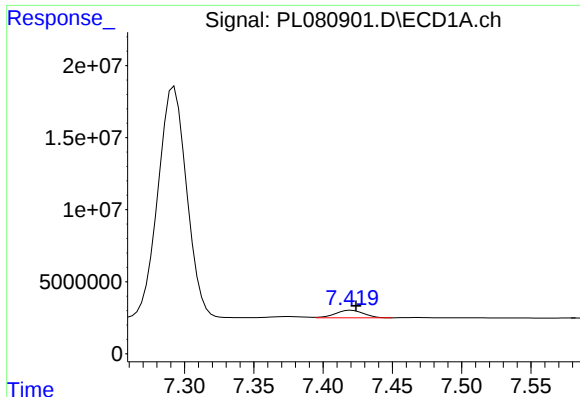
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: -0.002 min  
Response: 231617822  
Conc: 209.93 ng/ml



#20 Methoxychlor

R.T.: 6.527 min  
Delta R.T.: -0.009 min  
Response: 243415930  
Conc: 200.60 ng/ml m



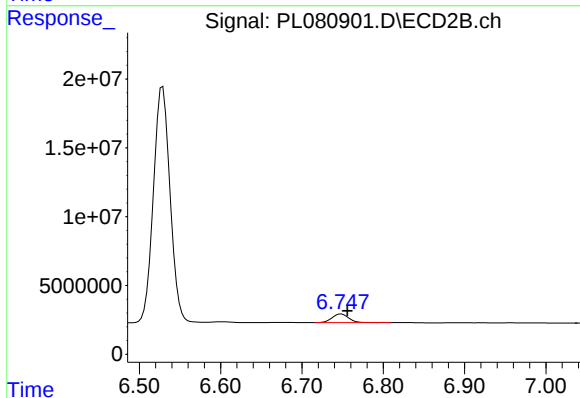
#21 Endrin ketone

R.T.: 7.420 min  
Delta R.T.: -0.003 min  
Response: 7561171  
Conc: 3.43 ng/ml

Instrument :  
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ClientSampleId :  
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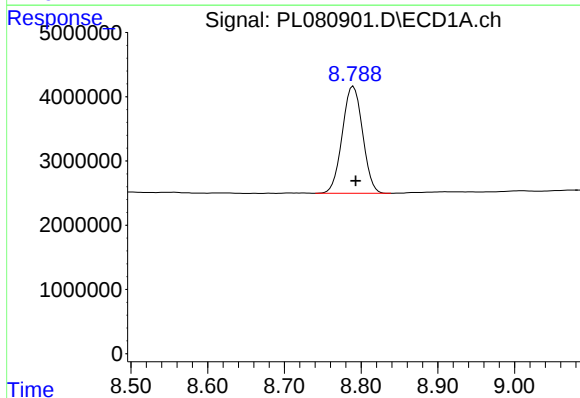


#21 Endrin ketone

R.T.: 6.748 min  
Delta R.T.: -0.008 min  
Response: 8821664  
Conc: 3.46 ng/ml

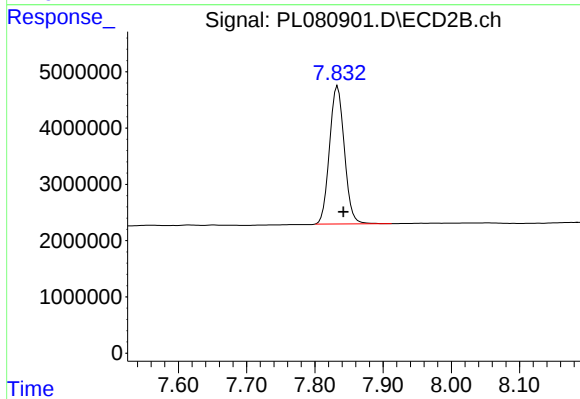
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#28 Decachlorobiphenyl

R.T.: 8.790 min  
Delta R.T.: -0.003 min  
Response: 30778145  
Conc: 17.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min  
Delta R.T.: -0.008 min  
Response: 37035199  
Conc: 15.54 ng/ml