

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051823\  
 Data File : PL082784.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2023 09:49  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/19/2023  
 Supervised By : Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 18 21:04:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.320 | 2.641 | 48078690 | 39081186 | 17.999  | 16.869   |
| 28)                         | SA Decachlor... | 8.738 | 7.749 | 37843749 | 40524026 | 19.823  | 17.754   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.769 | 3.137 | 32986609 | 25981920 | 8.288   | 7.634    |
| 3)                          | MA gamma-BHC... | 4.097 | 3.464 | 32699277 | 24793693 | 8.746   | 7.711    |
| 6)                          | B beta-BHC      | 4.301 | 3.765 | 15755953 | 11973092 | 9.238   | 8.775    |
| 14)                         | MA Endrin       | 6.321 | 5.478 | 106.1E6  | 96301763 | 43.745  | 39.372m  |
| 16)                         | A 4,4'-DDD      | 6.472 | 5.632 | 249582   | 383129   | 0.123m  | 0.205 #  |
| 17)                         | MA 4,4'-DDT     | 6.777 | 5.879 | 221.1E6  | 194.3E6  | 96.640  | 91.975   |
| 18)                         | B Endrin al...  | 6.672 | 5.961 | 2490812  | 7210717  | 1.322m  | 3.853 #  |
| 20)                         | A Methoxychlor  | 7.257 | 6.456 | 288.4E6  | 266.3E6  | 236.324 | 219.786m |
| 21)                         | B Endrin ke...  | 7.385 | 6.682 | 3840960  | 3086751  | 1.604m  | 1.216m   |
| -----                       |                 |       |       |          |          |         |          |

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

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Acq On : 18 May 2023 09:49  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

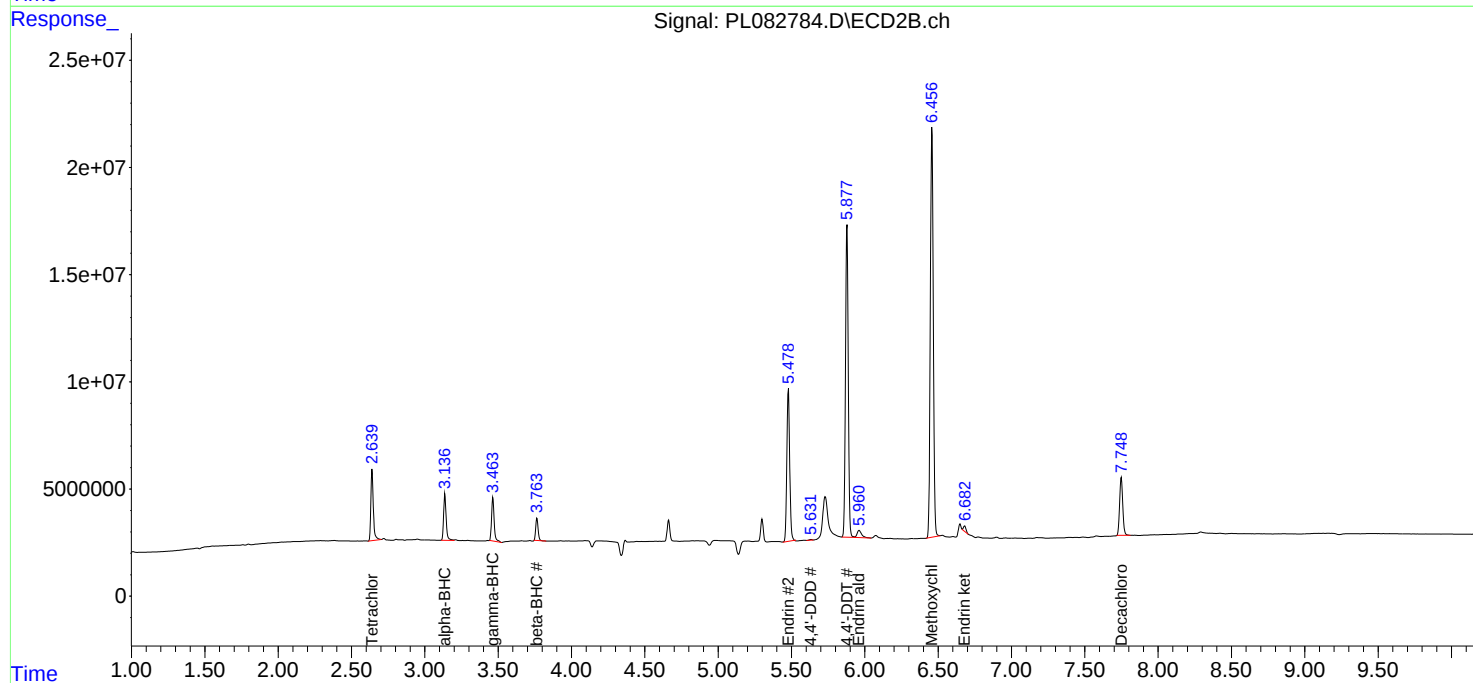
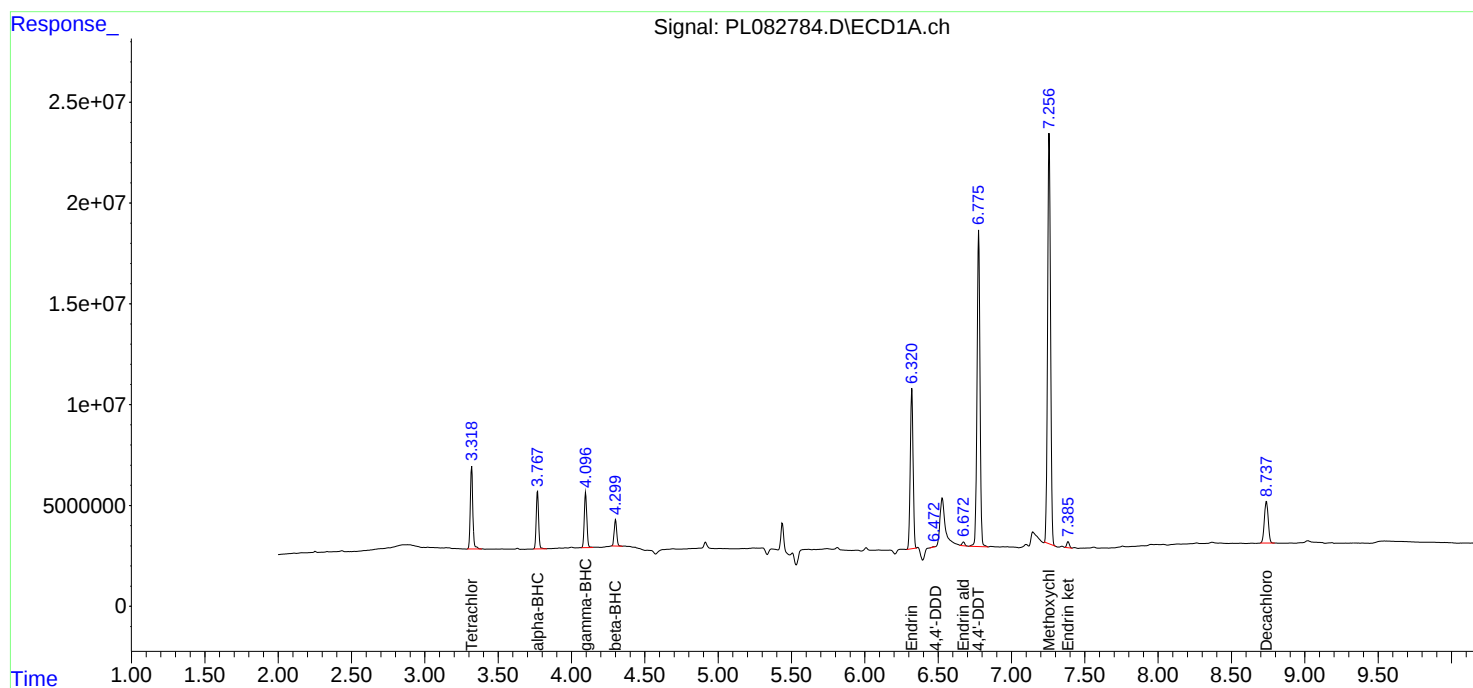
Instrument :  
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ClientSampleId :  
PEM

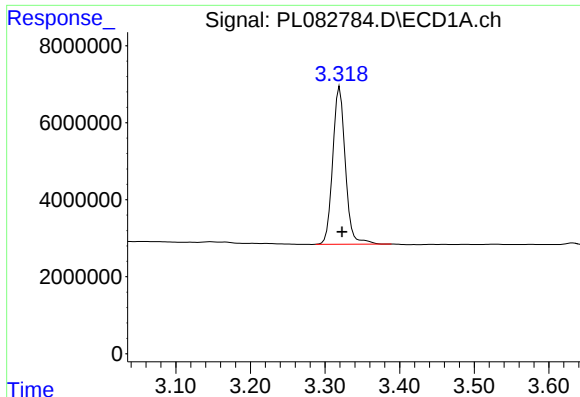
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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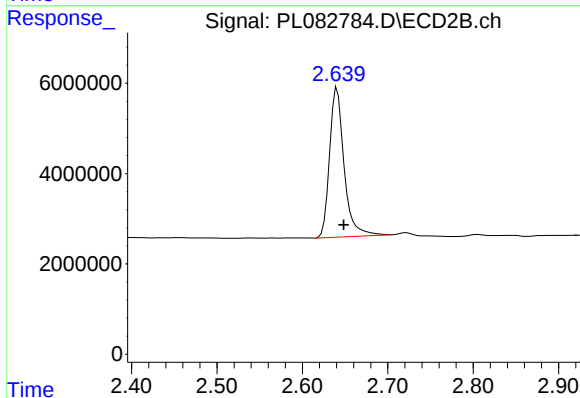
#1 Tetrachloro-m-xylene

R.T.: 3.320 min  
Delta R.T.: -0.003 min  
Response: 48078690  
Conc: 18.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

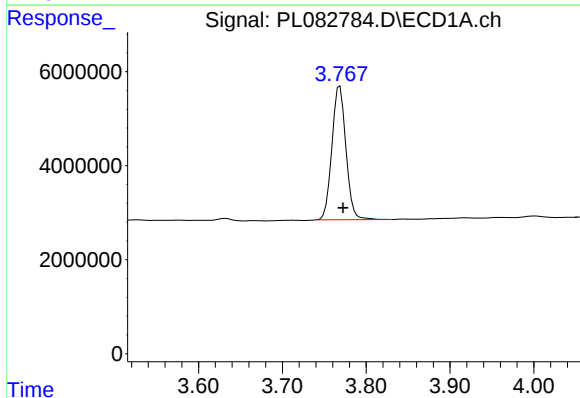
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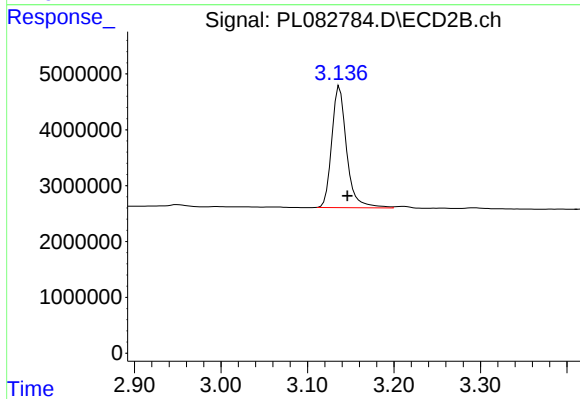
#1 Tetrachloro-m-xylene

R.T.: 2.641 min  
Delta R.T.: -0.007 min  
Response: 39081186  
Conc: 16.87 ng/ml



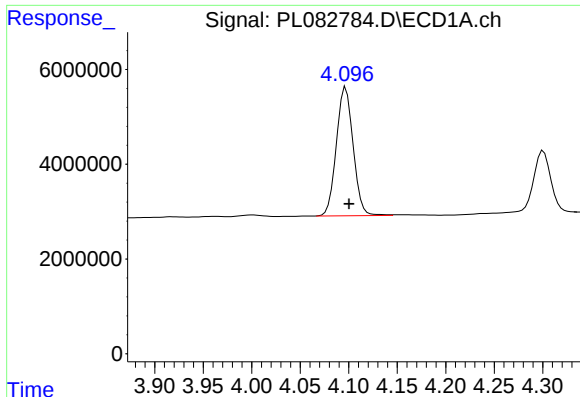
#2 alpha-BHC

R.T.: 3.769 min  
Delta R.T.: -0.004 min  
Response: 32986609  
Conc: 8.29 ng/ml



#2 alpha-BHC

R.T.: 3.137 min  
Delta R.T.: -0.009 min  
Response: 25981920  
Conc: 7.63 ng/ml



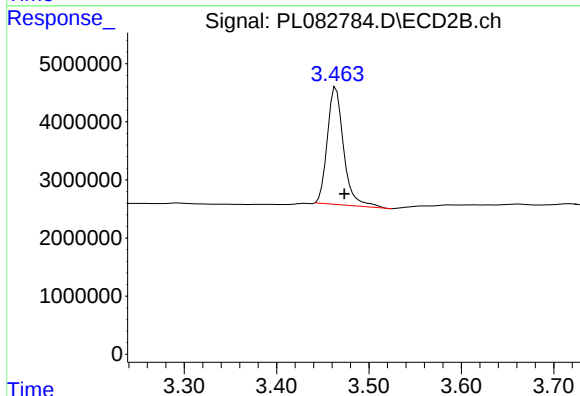
#3 gamma-BHC (Lindane)

R.T.: 4.097 min  
Delta R.T.: -0.003 min  
Response: 32699277  
Conc: 8.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

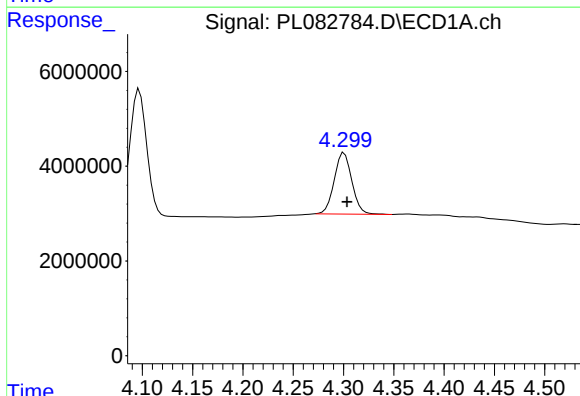
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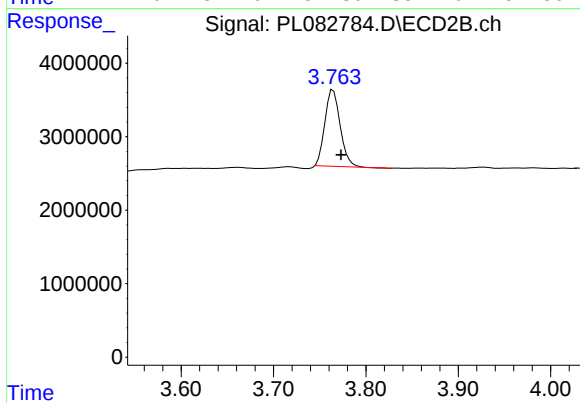
#3 gamma-BHC (Lindane)

R.T.: 3.464 min  
Delta R.T.: -0.009 min  
Response: 24793693  
Conc: 7.71 ng/ml



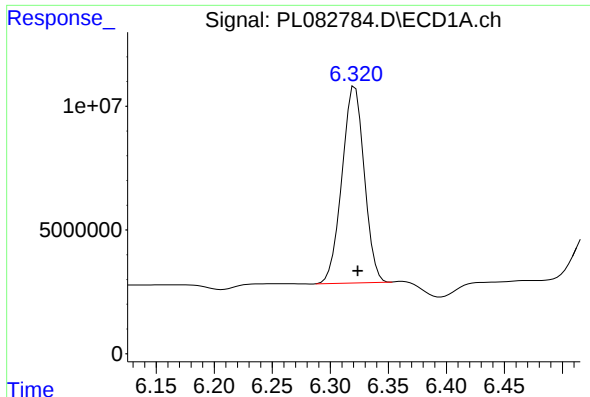
#6 beta-BHC

R.T.: 4.301 min  
Delta R.T.: -0.003 min  
Response: 15755953  
Conc: 9.24 ng/ml



#6 beta-BHC

R.T.: 3.765 min  
Delta R.T.: -0.008 min  
Response: 11973092  
Conc: 8.78 ng/ml



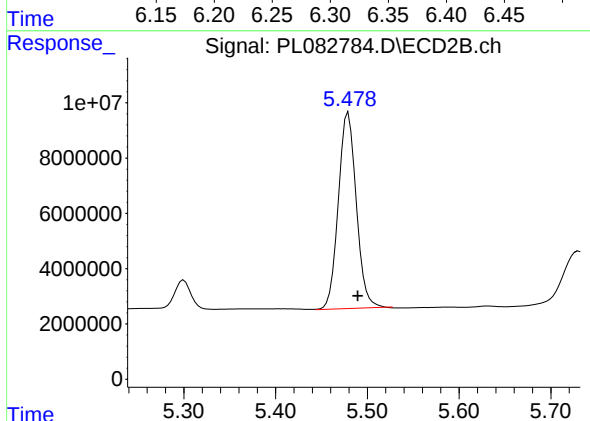
#14 Endrin

R.T.: 6.321 min  
Delta R.T.: -0.002 min  
Response: 106063174  
Conc: 43.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

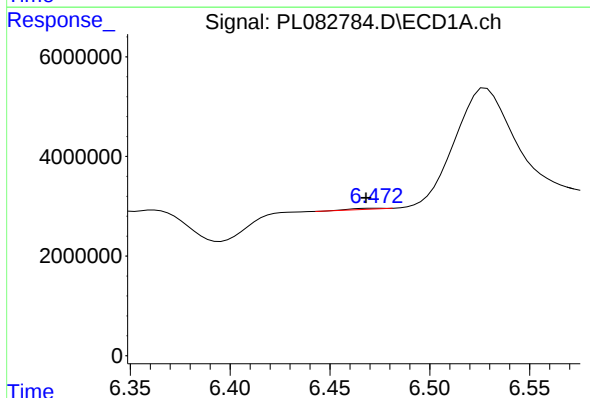
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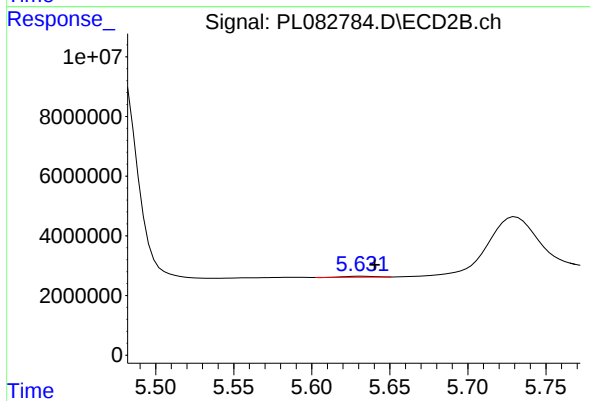
#14 Endrin

R.T.: 5.478 min  
Delta R.T.: -0.012 min  
Response: 96301763  
Conc: 39.37 ng/ml m



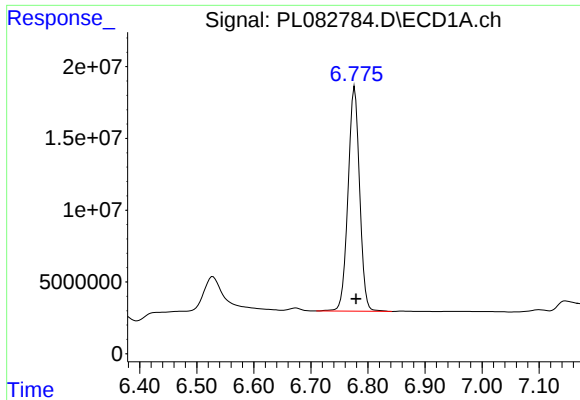
#16 4,4'-DDD

R.T.: 6.472 min  
Delta R.T.: 0.004 min  
Response: 249582  
Conc: 0.12 ng/ml m



#16 4,4'-DDD

R.T.: 5.632 min  
Delta R.T.: -0.008 min  
Response: 383129  
Conc: 0.20 ng/ml



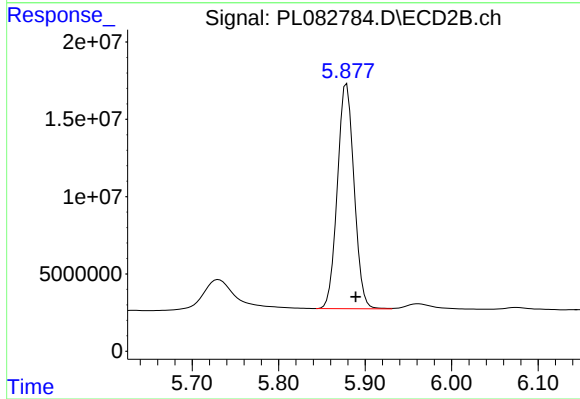
#17 4,4'-DDT

R.T.: 6.777 min  
Delta R.T.: -0.002 min  
Response: 221085095  
Conc: 96.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

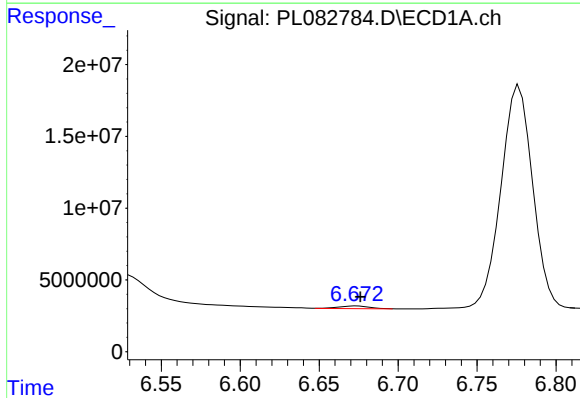
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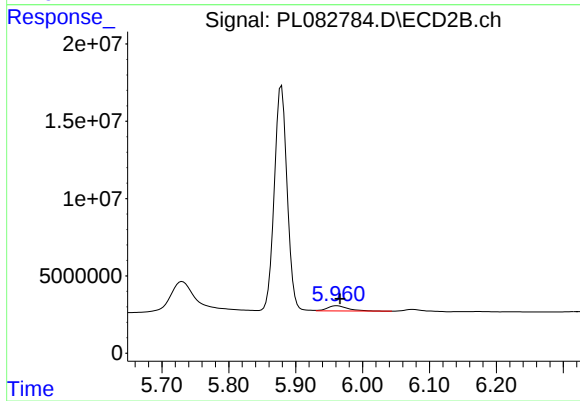
#17 4,4'-DDT

R.T.: 5.879 min  
Delta R.T.: -0.010 min  
Response: 194305558  
Conc: 91.97 ng/ml



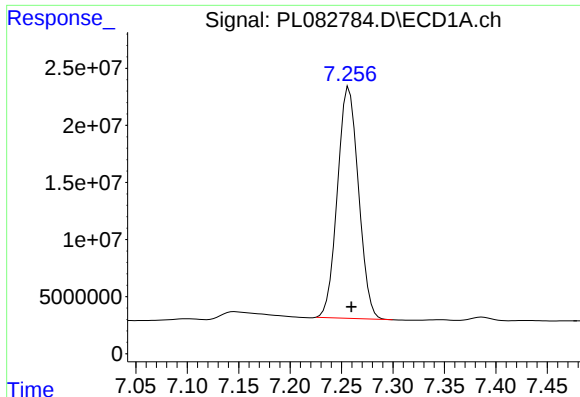
#18 Endrin aldehyde

R.T.: 6.672 min  
Delta R.T.: -0.004 min  
Response: 2490812  
Conc: 1.32 ng/ml m



#18 Endrin aldehyde

R.T.: 5.961 min  
Delta R.T.: -0.005 min  
Response: 7210717  
Conc: 3.85 ng/ml



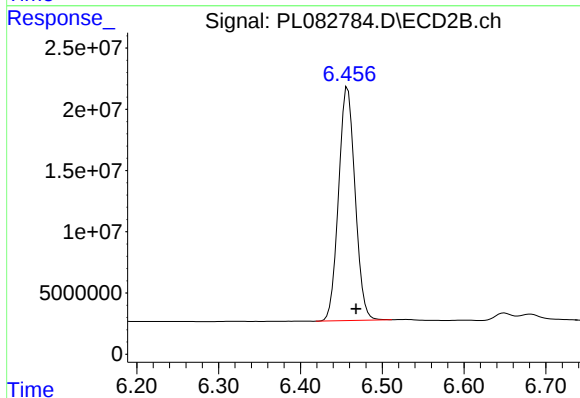
#20 Methoxychlor

R.T.: 7.257 min  
Delta R.T.: -0.002 min  
Response: 288393392  
Conc: 236.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

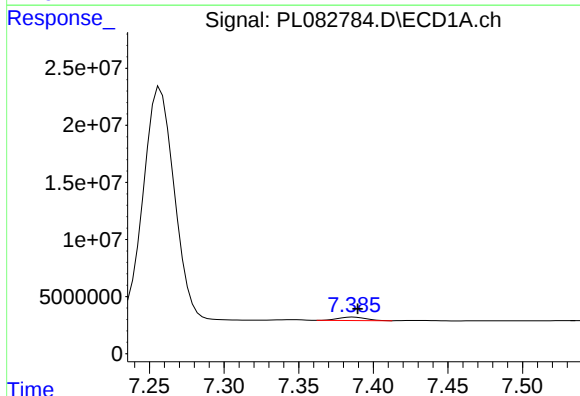
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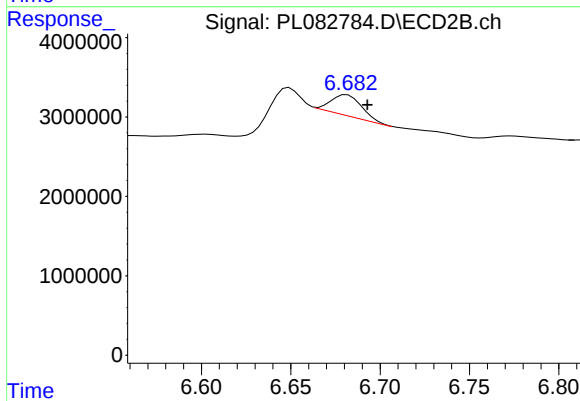
#20 Methoxychlor

R.T.: 6.456 min  
Delta R.T.: -0.012 min  
Response: 266344964  
Conc: 219.79 ng/ml m



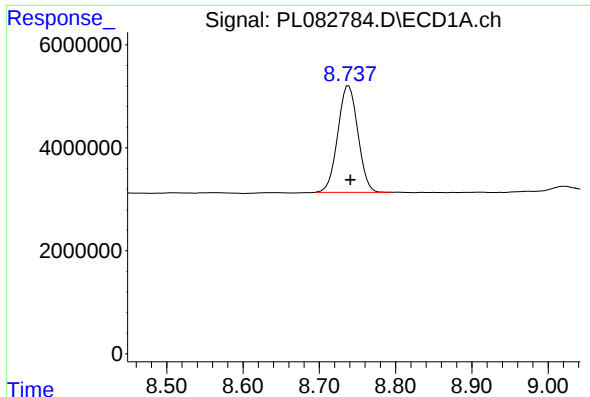
#21 Endrin ketone

R.T.: 7.385 min  
Delta R.T.: -0.004 min  
Response: 3840960  
Conc: 1.60 ng/ml m



#21 Endrin ketone

R.T.: 6.682 min  
Delta R.T.: -0.011 min  
Response: 3086751  
Conc: 1.22 ng/ml m



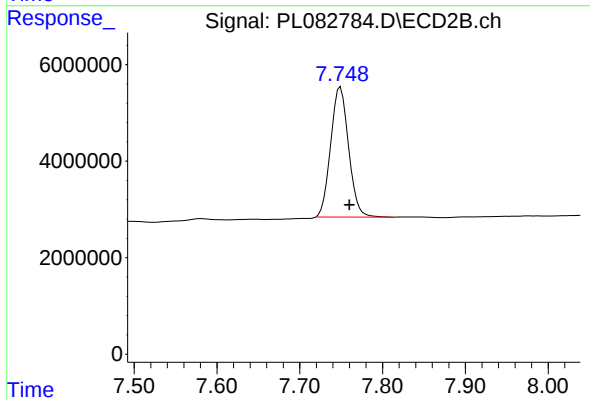
#28 Decachlorobiphenyl

R.T.: 8.738 min  
Delta R.T.: -0.003 min  
Response: 37843749  
Conc: 19.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.749 min  
Delta R.T.: -0.011 min  
Response: 40524026  
Conc: 17.75 ng/ml