

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051723\  
 Data File : PL082748.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2023 08:47  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/18/2023  
 Supervised By : Ankita Jodhani 05/18/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 17 21:03:59 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... | 3.321 | 2.642 | 53690583 | 43020016 | 20.100  | 18.569  |
| 28)                         | SA Decachlor... | 8.744 | 7.754 | 38392819 | 39425071 | 20.111  | 17.273  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.771 | 3.139 | 36607662 | 27214762 | 9.197   | 7.996   |
| 3)                          | MA gamma-BHC... | 4.099 | 3.466 | 36357351 | 26323912 | 9.724   | 8.187   |
| 6)                          | B beta-BHC      | 4.303 | 3.765 | 17308881 | 13491354 | 10.149  | 9.888m  |
| 14)                         | MA Endrin       | 6.325 | 5.482 | 106.5E6  | 94994637 | 43.922  | 38.837  |
| 16)                         | A 4,4'-DDD      | 6.469 | 5.633 | 8236257  | 6367131  | 4.063   | 3.404   |
| 17)                         | MA 4,4'-DDT     | 6.780 | 5.882 | 199.4E6  | 177.1E6  | 87.181  | 83.844  |
| 18)                         | B Endrin al...  | 6.678 | 5.959 | 3142985  | 4032480  | 1.668   | 2.155 # |
| 20)                         | A Methoxychlor  | 7.262 | 6.461 | 261.7E6  | 235.5E6  | 214.429 | 194.315 |
| 21)                         | B Endrin ke...  | 7.391 | 6.686 | 5792964  | 6860271  | 2.419   | 2.703   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 17 May 2023 08:47  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

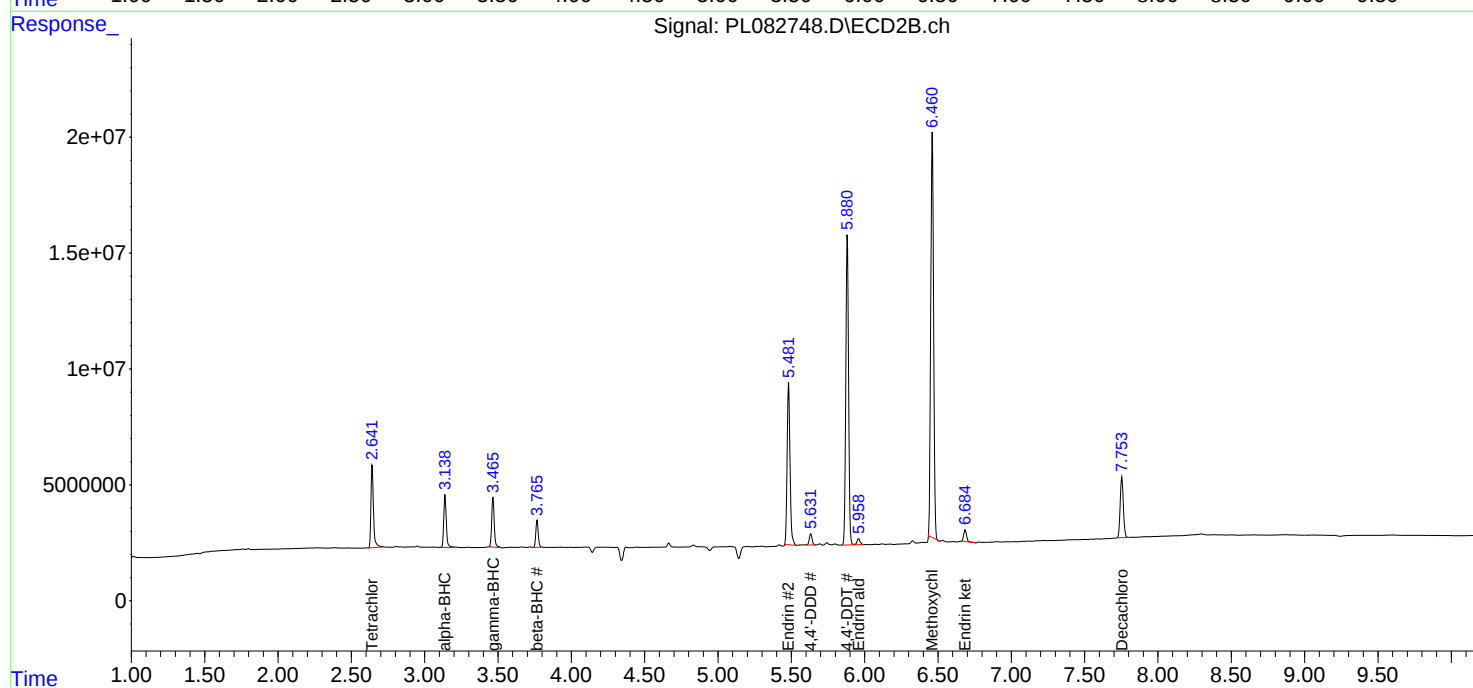
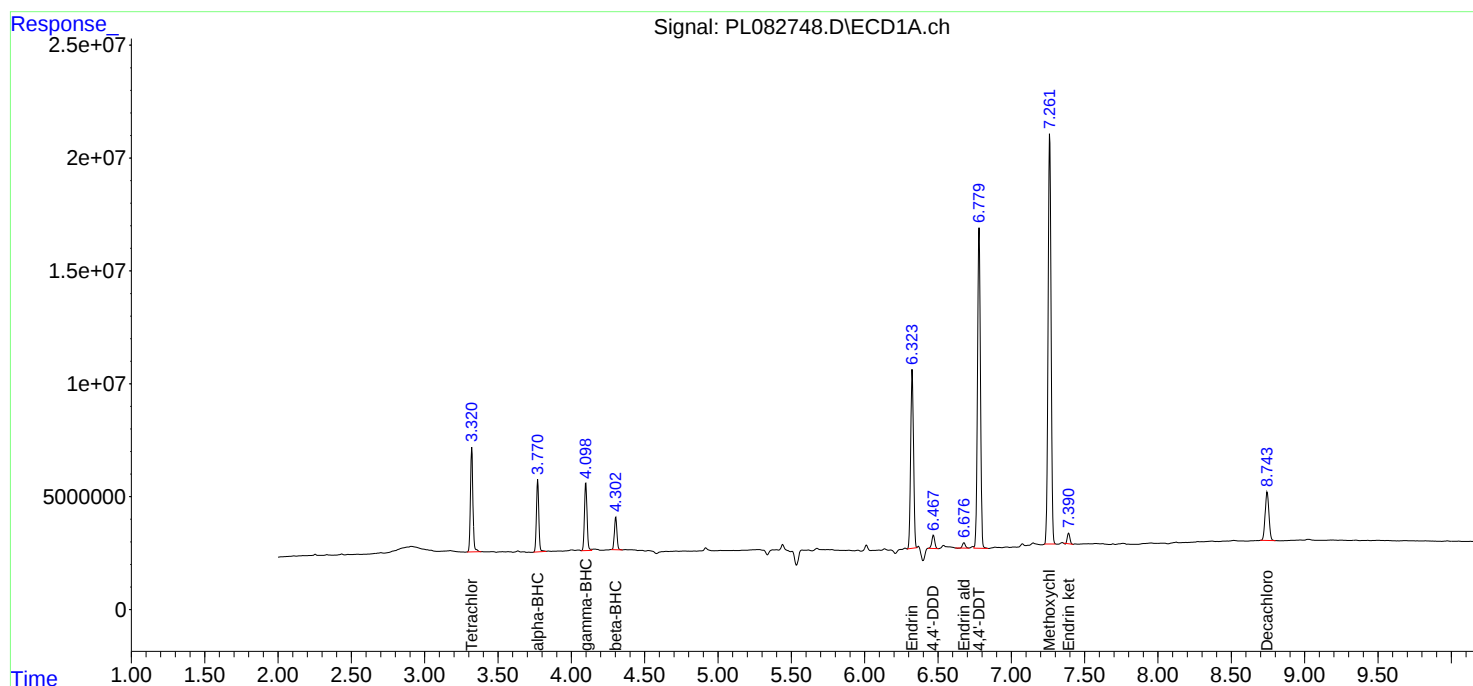
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

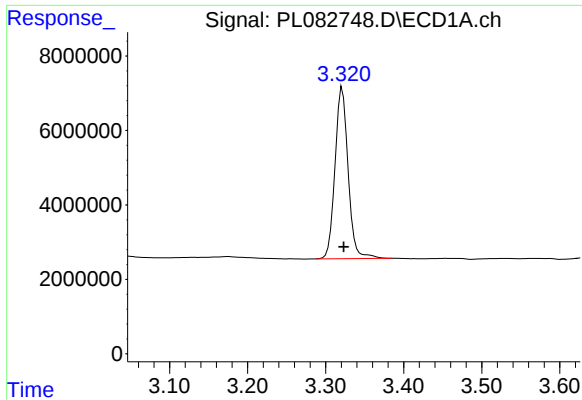
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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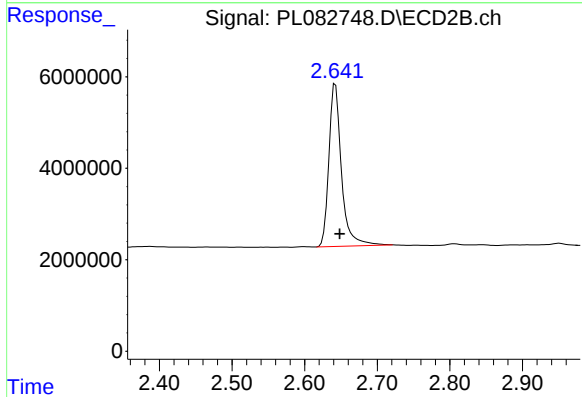
#1 Tetrachloro-m-xylene

R.T.: 3.321 min  
Delta R.T.: -0.002 min  
Response: 53690583  
Conc: 20.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

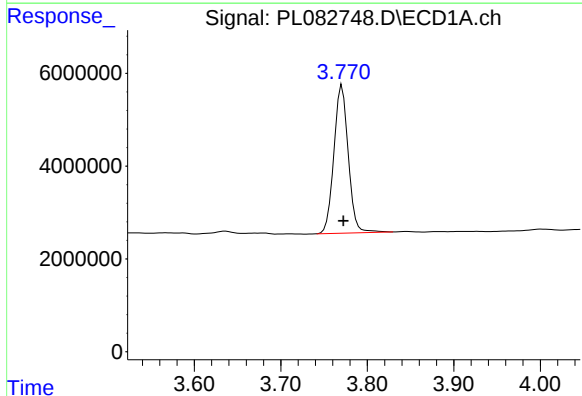
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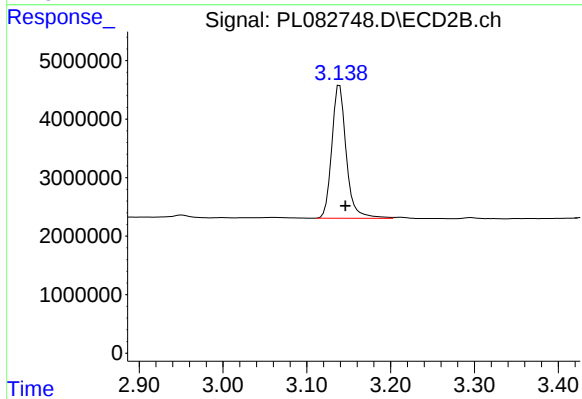
#1 Tetrachloro-m-xylene

R.T.: 2.642 min  
Delta R.T.: -0.006 min  
Response: 43020016  
Conc: 18.57 ng/ml



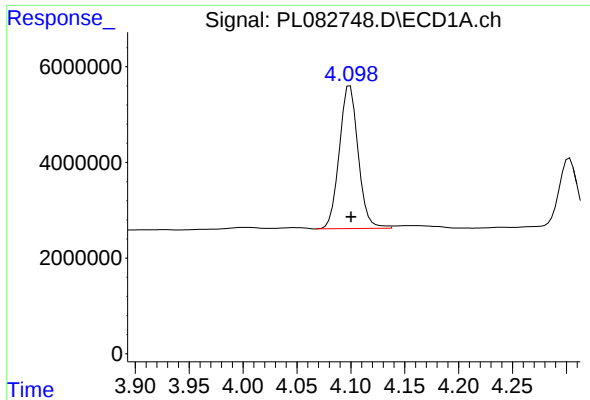
#2 alpha-BHC

R.T.: 3.771 min  
Delta R.T.: -0.001 min  
Response: 36607662  
Conc: 9.20 ng/ml



#2 alpha-BHC

R.T.: 3.139 min  
Delta R.T.: -0.007 min  
Response: 27214762  
Conc: 8.00 ng/ml



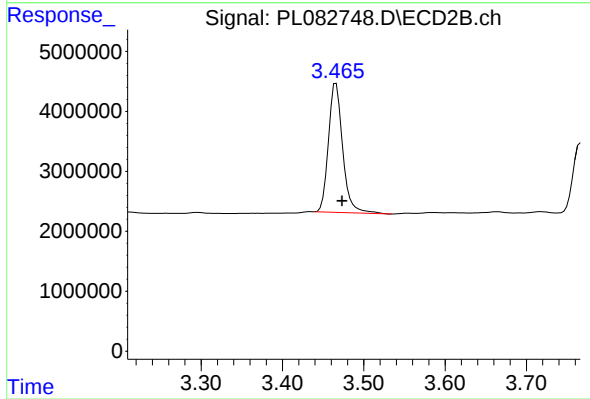
#3 gamma-BHC (Lindane)

R.T.: 4.099 min  
Delta R.T.: -0.001 min  
Response: 36357351  
Conc: 9.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

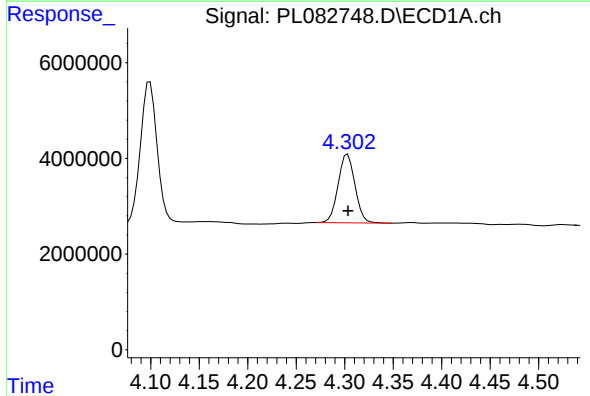
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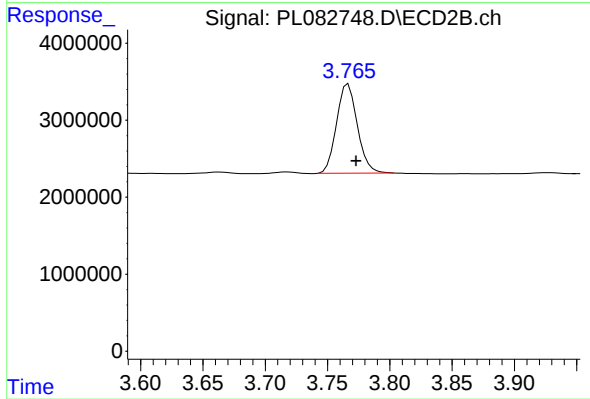
#3 gamma-BHC (Lindane)

R.T.: 3.466 min  
Delta R.T.: -0.007 min  
Response: 26323912  
Conc: 8.19 ng/ml



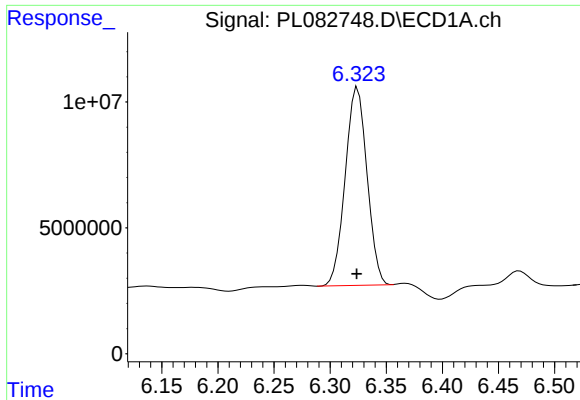
#6 beta-BHC

R.T.: 4.303 min  
Delta R.T.: 0.000 min  
Response: 17308881  
Conc: 10.15 ng/ml



#6 beta-BHC

R.T.: 3.765 min  
Delta R.T.: -0.008 min  
Response: 13491354  
Conc: 9.89 ng/ml m



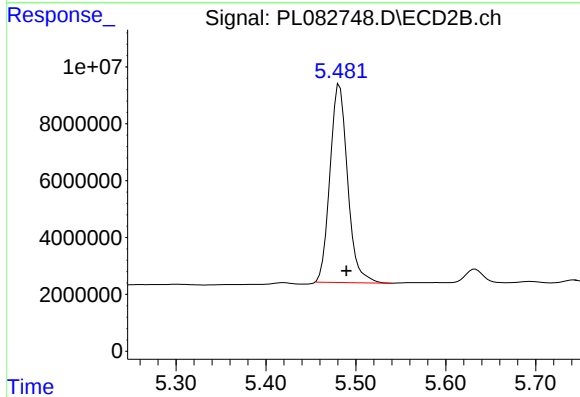
#14 Endrin

R.T.: 6.325 min  
Delta R.T.: 0.000 min  
Response: 106491491  
Conc: 43.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

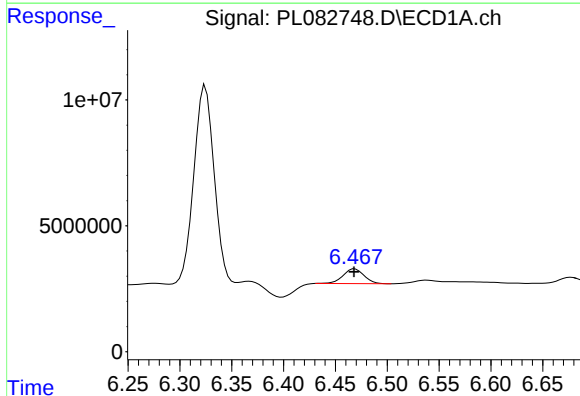
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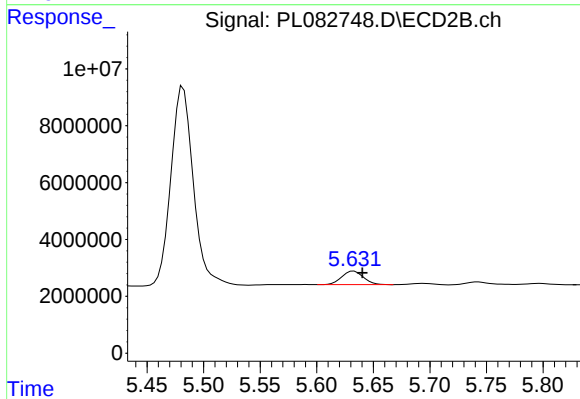
#14 Endrin

R.T.: 5.482 min  
Delta R.T.: -0.008 min  
Response: 94994637  
Conc: 38.84 ng/ml



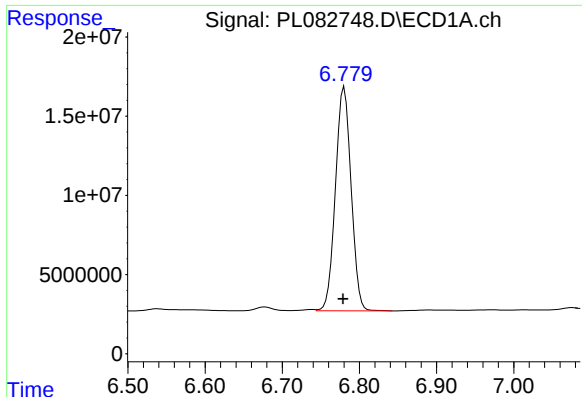
#16 4,4'-DDD

R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 8236257  
Conc: 4.06 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min  
Delta R.T.: -0.008 min  
Response: 6367131  
Conc: 3.40 ng/ml



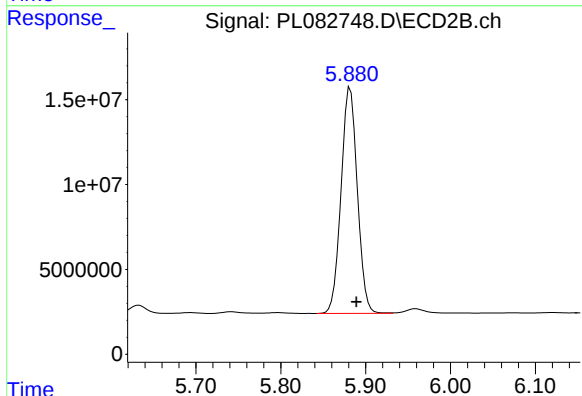
#17 4,4'-DDT

R.T.: 6.780 min  
Delta R.T.: 0.002 min  
Response: 199445554  
Conc: 87.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

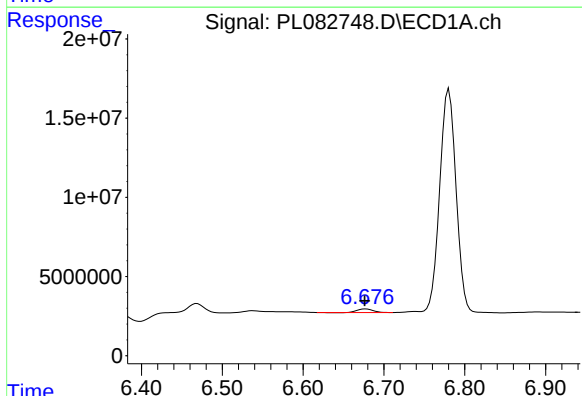
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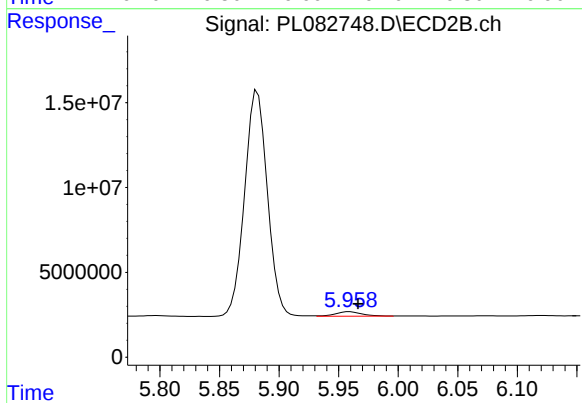
#17 4,4'-DDT

R.T.: 5.882 min  
Delta R.T.: -0.007 min  
Response: 177129018  
Conc: 83.84 ng/ml



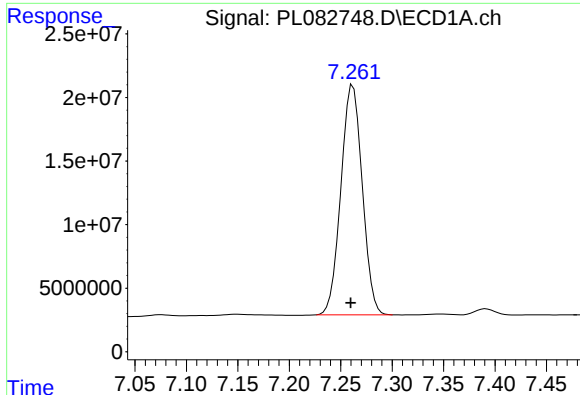
#18 Endrin aldehyde

R.T.: 6.678 min  
Delta R.T.: 0.001 min  
Response: 3142985  
Conc: 1.67 ng/ml



#18 Endrin aldehyde

R.T.: 5.959 min  
Delta R.T.: -0.007 min  
Response: 4032480  
Conc: 2.15 ng/ml



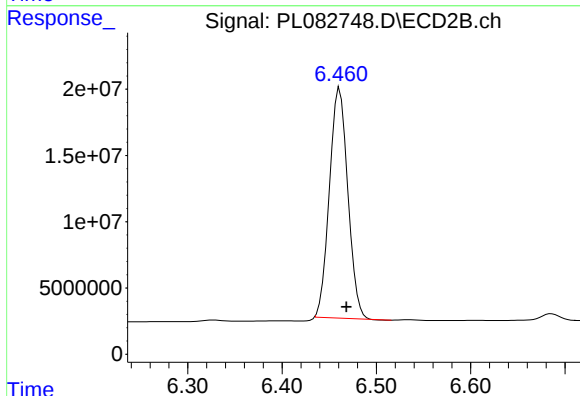
#20 Methoxychlor

R.T.: 7.262 min  
Delta R.T.: 0.002 min  
Response: 261673770  
Conc: 214.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

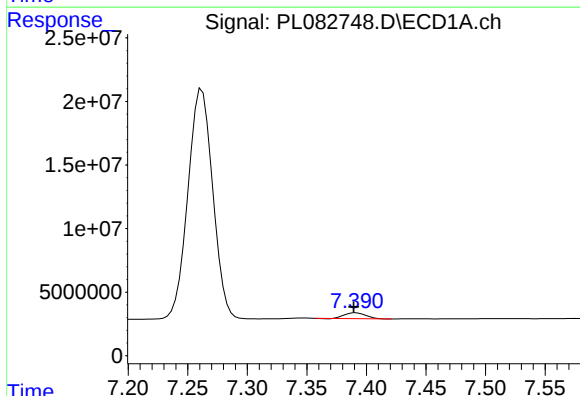
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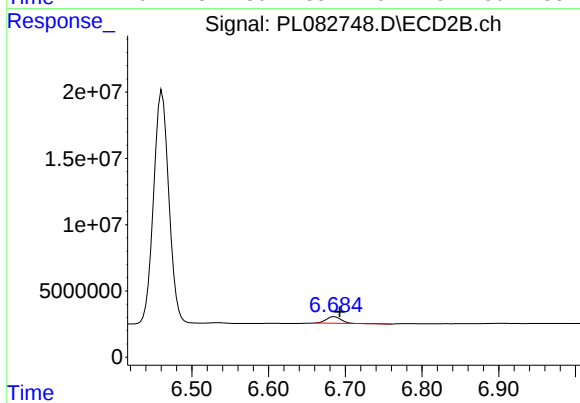
#20 Methoxychlor

R.T.: 6.461 min  
Delta R.T.: -0.007 min  
Response: 235477506  
Conc: 194.31 ng/ml



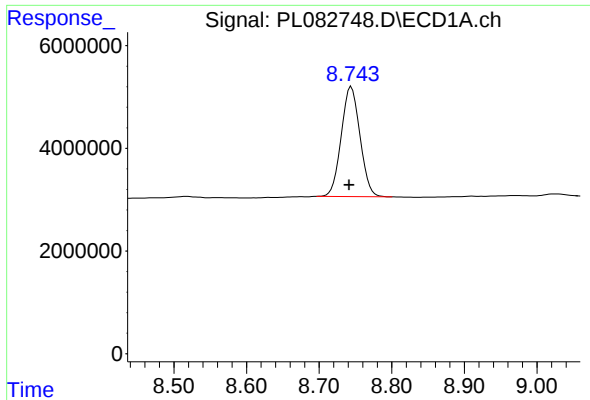
#21 Endrin ketone

R.T.: 7.391 min  
Delta R.T.: 0.002 min  
Response: 5792964  
Conc: 2.42 ng/ml



#21 Endrin ketone

R.T.: 6.686 min  
Delta R.T.: -0.007 min  
Response: 6860271  
Conc: 2.70 ng/ml



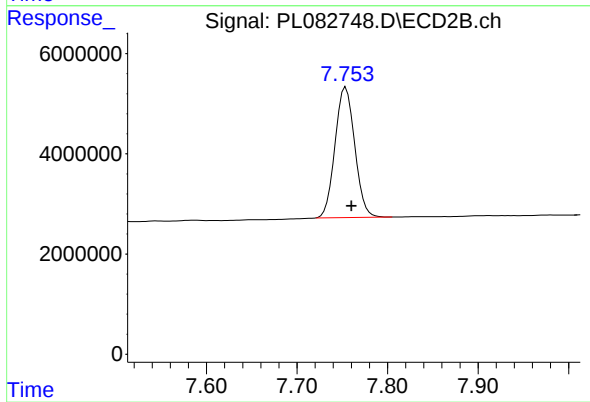
#28 Decachlorobiphenyl

R.T.: 8.744 min  
Delta R.T.: 0.003 min  
Response: 38392819  
Conc: 20.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 7.754 min  
Delta R.T.: -0.006 min  
Response: 39425071  
Conc: 17.27 ng/ml