

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012723\  
 Data File : PL080560.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jan 2023 16:20  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/30/2023  
 Supervised By :Ankita Jodhani 01/30/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 23:39:22 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 | 42851595 | 42733759 | 19.979  | 19.456  |
| 28)                         | SA Decachlor... | 8.786 | 7.835 | 35024508 | 40441833 | 20.005  | 16.974  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.799 | 3.189 | 29292875 | 27459784 | 9.246   | 8.634   |
| 3)                          | MA gamma-BHC... | 4.127 | 3.518 | 27992560 | 26408418 | 9.522   | 8.840   |
| 6)                          | B beta-BHC      | 4.323 | 3.814 | 14471643 | 13762007 | 10.602  | 10.311  |
| 12)                         | B 4,4'-DDE      | 5.985 | 5.147 | 327748   | 285345   | 0.147   | 0.121m  |
| 14)                         | MA Endrin       | 6.355 | 5.549 | 88242744 | 94341821 | 40.802m | 40.644  |
| 16)                         | A 4,4'-DDD      | 6.499 | 5.701 | 7799020  | 7128466  | 4.257   | 3.793   |
| 17)                         | MA 4,4'-DDT     | 6.812 | 5.953 | 166.2E6  | 181.0E6  | 80.014  | 86.115  |
| 18)                         | B Endrin al...  | 6.705 | 6.023 | 2715043  | 3310286  | 1.632   | 1.813m  |
| 20)                         | A Methoxychlor  | 7.290 | 6.531 | 222.1E6  | 242.8E6  | 201.324 | 200.067 |
| 21)                         | B Endrin ke...  | 7.418 | 6.751 | 7765442  | 9400275  | 3.520   | 3.682   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012723\  
Data File : PL080560.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jan 2023 16:20  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

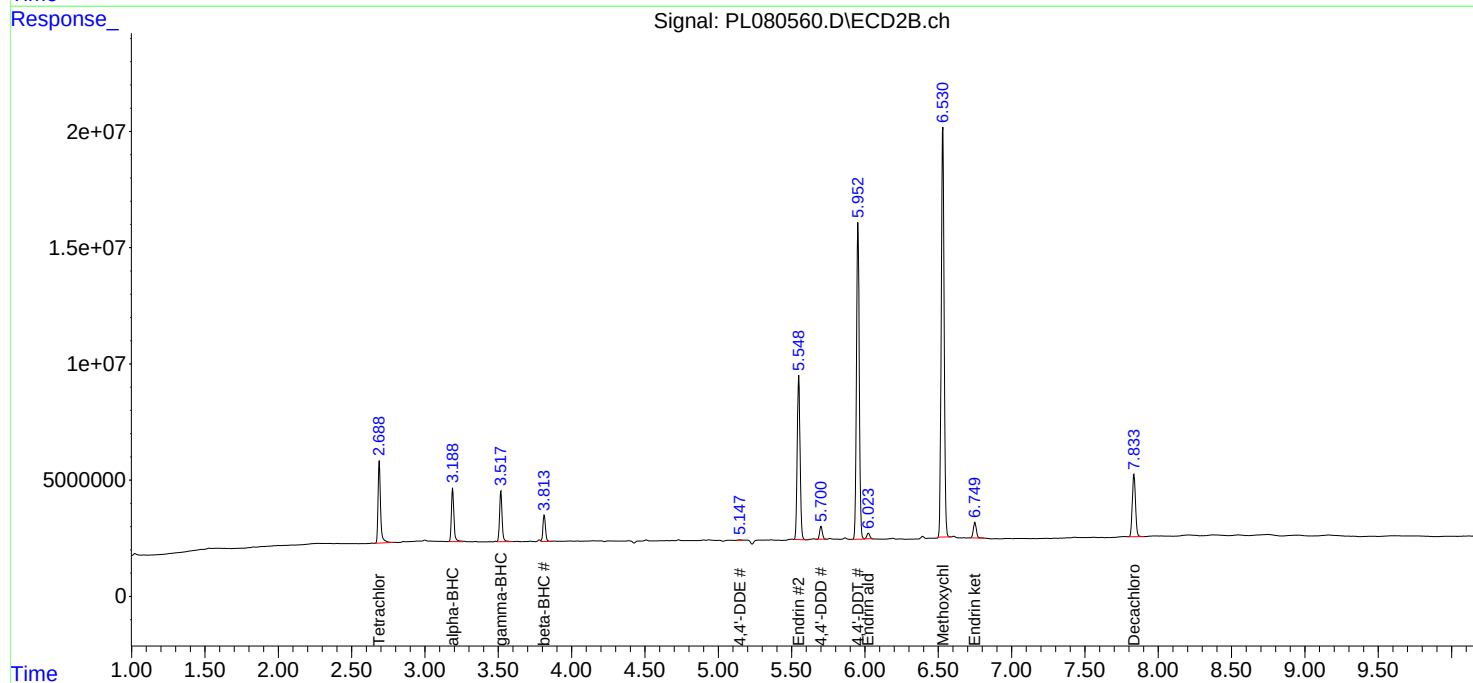
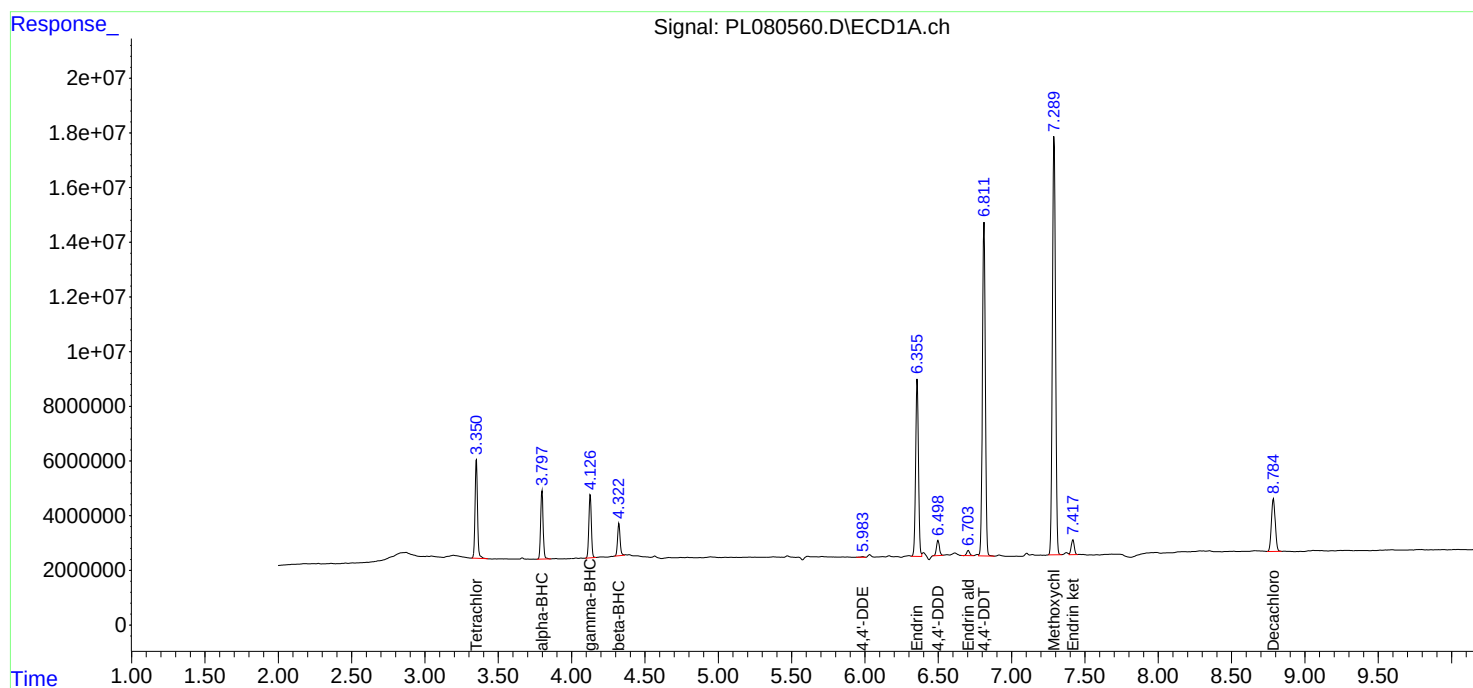
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

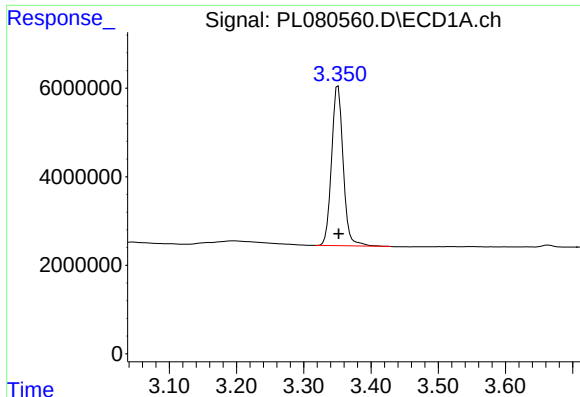
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 27 23:39:22 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012023.M  
Quant Title : GC Extractables  
QLast Update : Sun Jan 22 23:56:48 2023  
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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





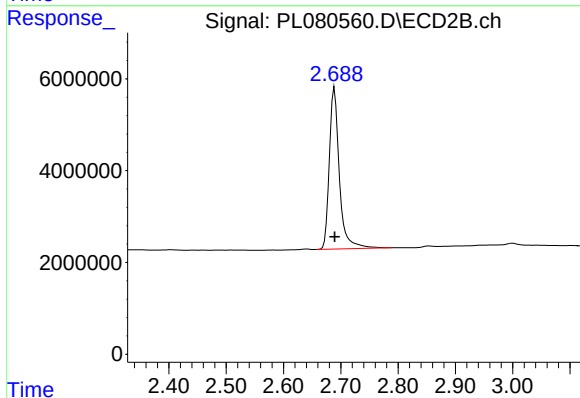
#1 Tetrachloro-m-xylene

R.T.: 3.351 min  
Delta R.T.: 0.000 min  
Response: 42851595  
Conc: 19.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

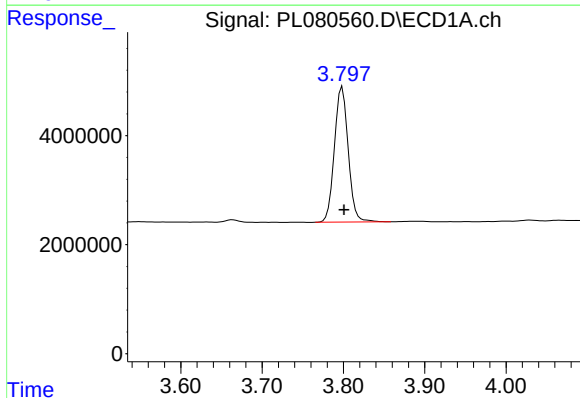
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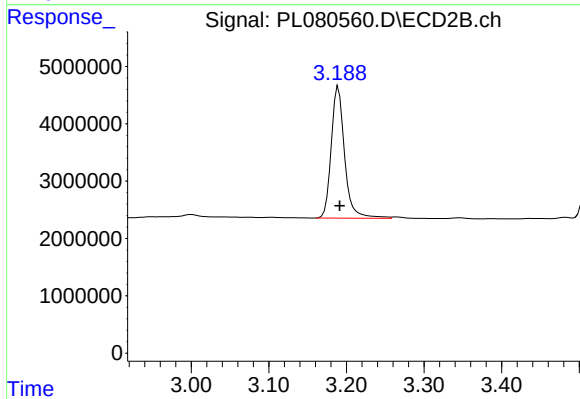
#1 Tetrachloro-m-xylene

R.T.: 2.689 min  
Delta R.T.: 0.000 min  
Response: 42733759  
Conc: 19.46 ng/ml



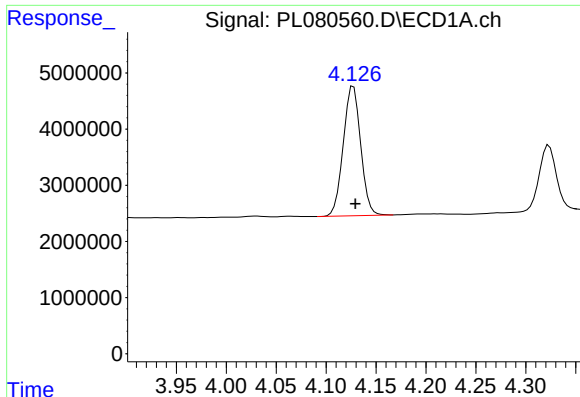
#2 alpha-BHC

R.T.: 3.799 min  
Delta R.T.: -0.002 min  
Response: 29292875  
Conc: 9.25 ng/ml



#2 alpha-BHC

R.T.: 3.189 min  
Delta R.T.: -0.002 min  
Response: 27459784  
Conc: 8.63 ng/ml



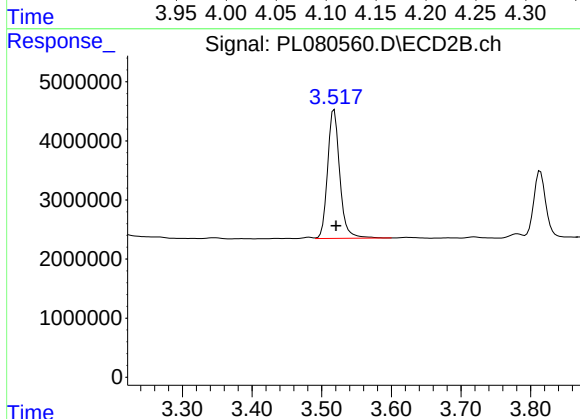
#3 gamma-BHC (Lindane)

R.T.: 4.127 min  
Delta R.T.: -0.002 min  
Response: 27992560  
Conc: 9.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

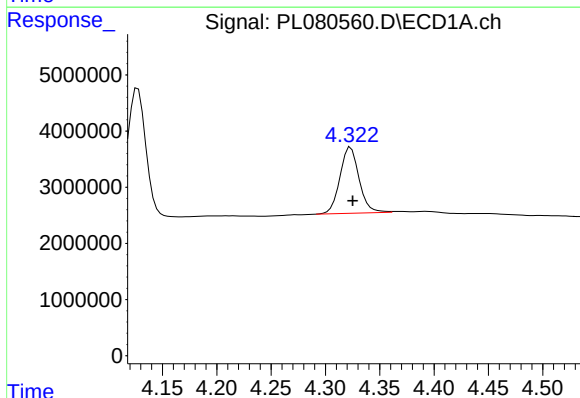
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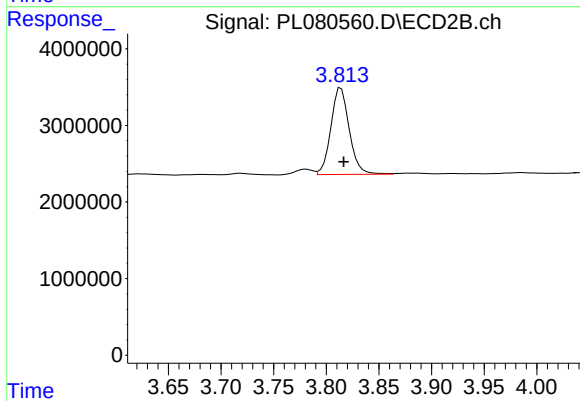
#3 gamma-BHC (Lindane)

R.T.: 3.518 min  
Delta R.T.: -0.002 min  
Response: 26408418  
Conc: 8.84 ng/ml



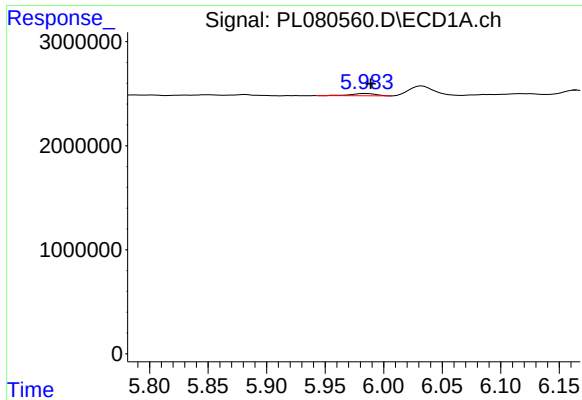
#6 beta-BHC

R.T.: 4.323 min  
Delta R.T.: -0.002 min  
Response: 14471643  
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 3.814 min  
Delta R.T.: -0.003 min  
Response: 13762007  
Conc: 10.31 ng/ml



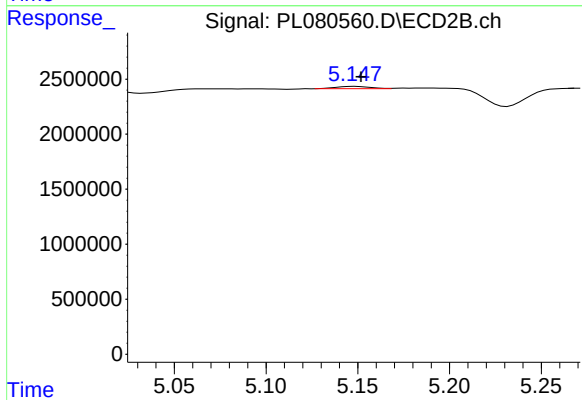
#12 4,4'-DDE

R.T.: 5.985 min  
Delta R.T.: -0.004 min  
Response: 327748  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

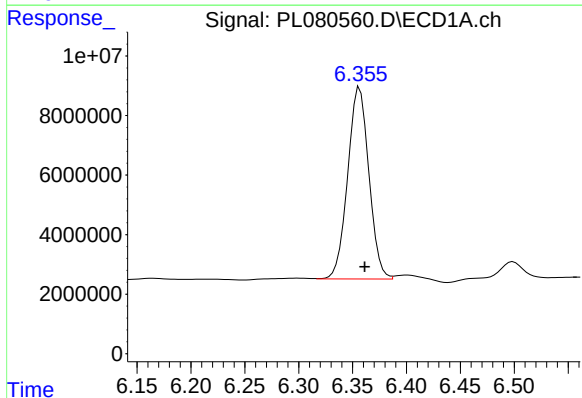
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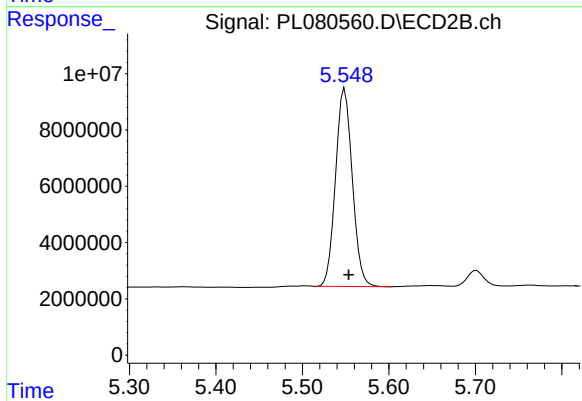
#12 4,4'-DDE

R.T.: 5.147 min  
Delta R.T.: -0.005 min  
Response: 285345  
Conc: 0.12 ng/ml m



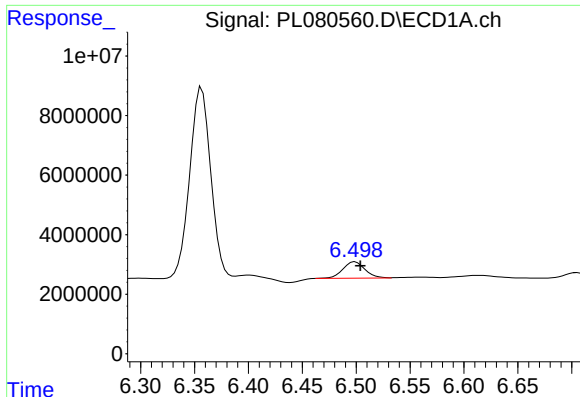
#14 Endrin

R.T.: 6.355 min  
Delta R.T.: -0.006 min  
Response: 88242744  
Conc: 40.80 ng/ml m



#14 Endrin

R.T.: 5.549 min  
Delta R.T.: -0.005 min  
Response: 94341821  
Conc: 40.64 ng/ml



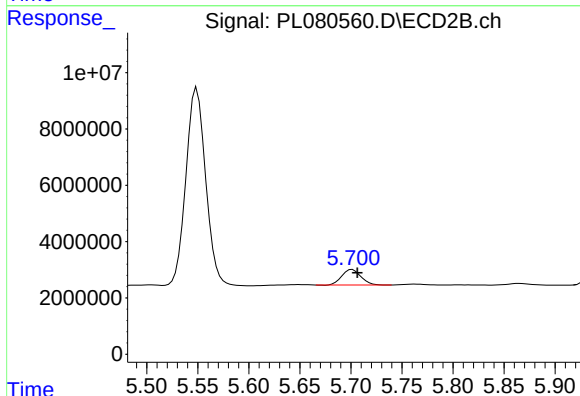
#16 4,4'-DDD

R.T.: 6.499 min  
Delta R.T.: -0.005 min  
Response: 7799020  
Conc: 4.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

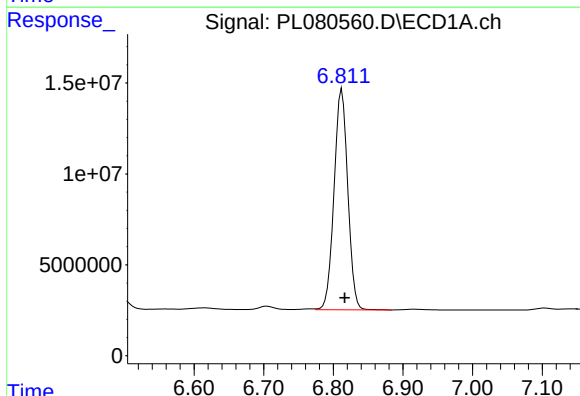
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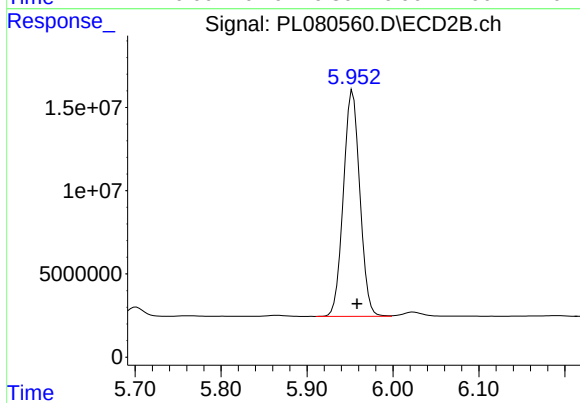
#16 4,4'-DDD

R.T.: 5.701 min  
Delta R.T.: -0.005 min  
Response: 7128466  
Conc: 3.79 ng/ml



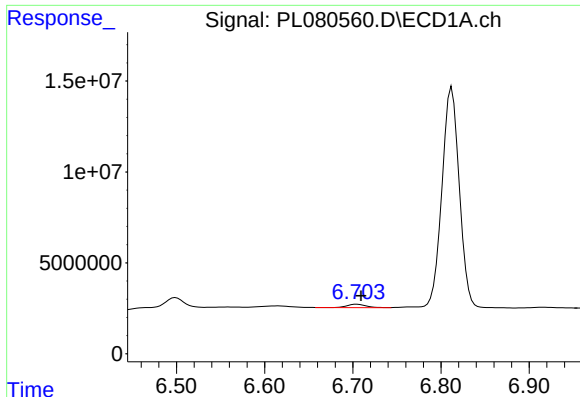
#17 4,4'-DDT

R.T.: 6.812 min  
Delta R.T.: -0.004 min  
Response: 166243208  
Conc: 80.01 ng/ml



#17 4,4'-DDT

R.T.: 5.953 min  
Delta R.T.: -0.005 min  
Response: 180970188  
Conc: 86.12 ng/ml



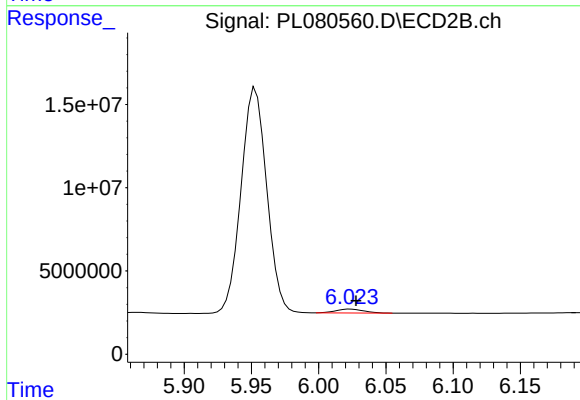
#18 Endrin aldehyde

R.T.: 6.705 min  
Delta R.T.: -0.005 min  
Response: 2715043  
Conc: 1.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

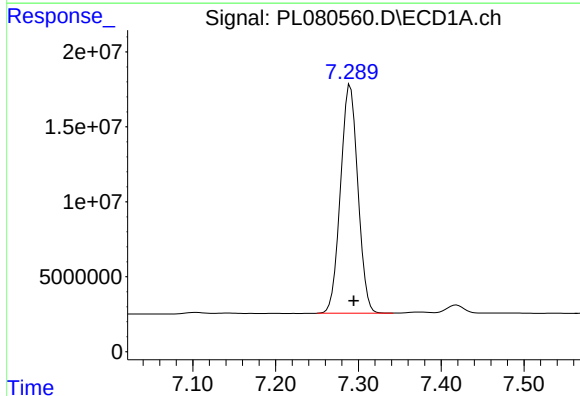
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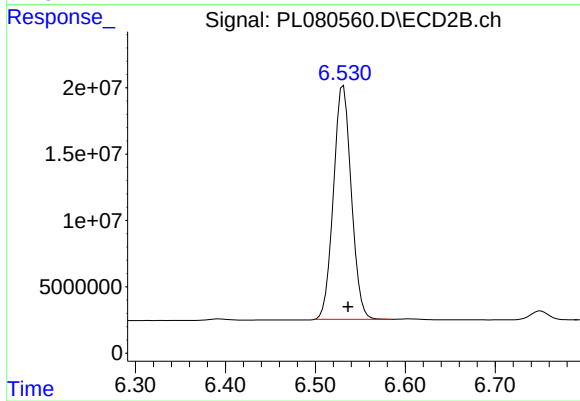
#18 Endrin aldehyde

R.T.: 6.023 min  
Delta R.T.: -0.005 min  
Response: 3310286  
Conc: 1.81 ng/ml m



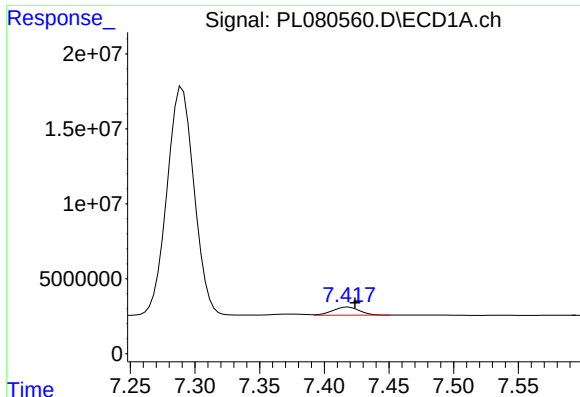
#20 Methoxychlor

R.T.: 7.290 min  
Delta R.T.: -0.004 min  
Response: 222118426  
Conc: 201.32 ng/ml



#20 Methoxychlor

R.T.: 6.531 min  
Delta R.T.: -0.005 min  
Response: 242773929  
Conc: 200.07 ng/ml



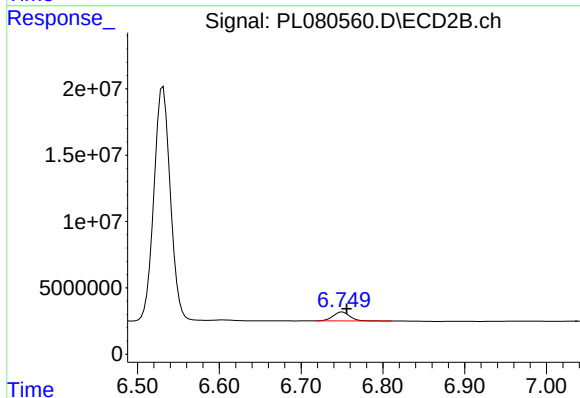
#21 Endrin ketone

R.T.: 7.418 min  
Delta R.T.: -0.005 min  
Response: 7765442  
Conc: 3.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

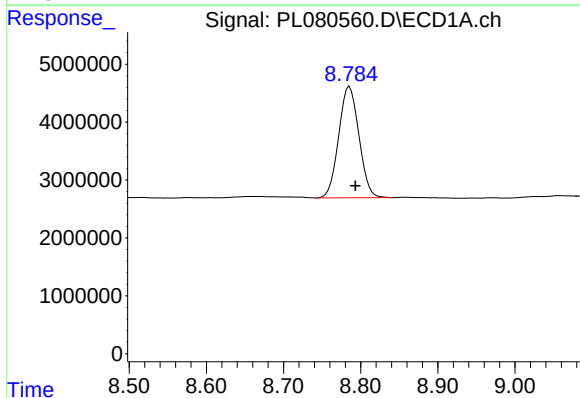
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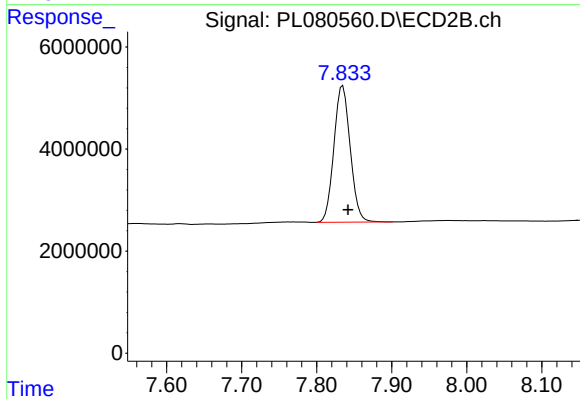
#21 Endrin ketone

R.T.: 6.751 min  
Delta R.T.: -0.005 min  
Response: 9400275  
Conc: 3.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min  
Delta R.T.: -0.007 min  
Response: 35024508  
Conc: 20.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.835 min  
Delta R.T.: -0.007 min  
Response: 40441833  
Conc: 16.97 ng/ml