

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071223\  
 Data File : PL083832.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jul 2023 14:47  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/13/2023  
 Supervised By : Ankita Jodhani 07/13/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 15:08:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 12 14:26:23 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... | 3.475 | 2.687 | 38710100 | 21614722 | 19.356  | 19.463  |
| 28)                         | SA Decachlor... | 9.020 | 7.870 | 26459891 | 22790359 | 20.328  | 20.511  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.932 | 3.192 | 26483771 | 14437311 | 9.039   | 8.979   |
| 3)                          | MA gamma-BHC... | 4.265 | 3.521 | 25418132 | 13356129 | 8.996m  | 8.783m  |
| 6)                          | B beta-BHC      | 4.465 | 3.824 | 12635265 | 6690347  | 10.531  | 10.136  |
| 12)                         | B 4,4'-DDE      | 6.144 | 5.171 | 333868   | 88528    | 0.166m  | 0.072m# |
| 14)                         | MA Endrin       | 6.522 | 5.563 | 80090435 | 51015099 | 42.055  | 46.409  |
| 16)                         | A 4,4'-DDD      | 6.662 | 5.722 | 1247705  | 662236   | 0.850m  | 0.690m  |
| 17)                         | MA 4,4'-DDT     | 6.979 | 5.976 | 140.5E6  | 95184453 | 88.126  | 104.507 |
| 18)                         | B Endrin al...  | 6.872 | 6.042 | 2643421  | 1561580  | 1.804m  | 1.737m  |
| 20)                         | A Methoxychlor  | 7.461 | 6.561 | 165.5E6  | 116.5E6  | 211.640 | 243.145 |
| 21)                         | B Endrin ke...  | 7.591 | 6.770 | 3812688  | 3054996  | 2.176m  | 2.364m  |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 12 Jul 2023 14:47  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

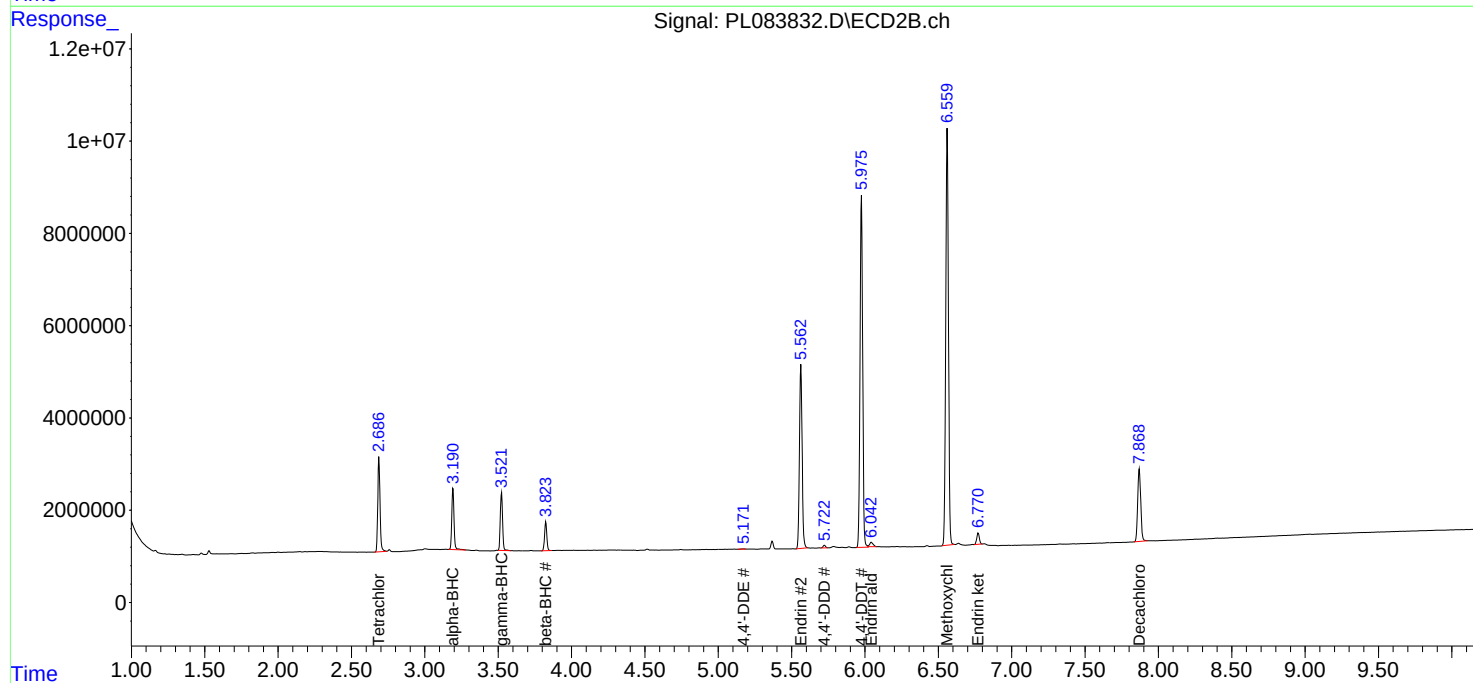
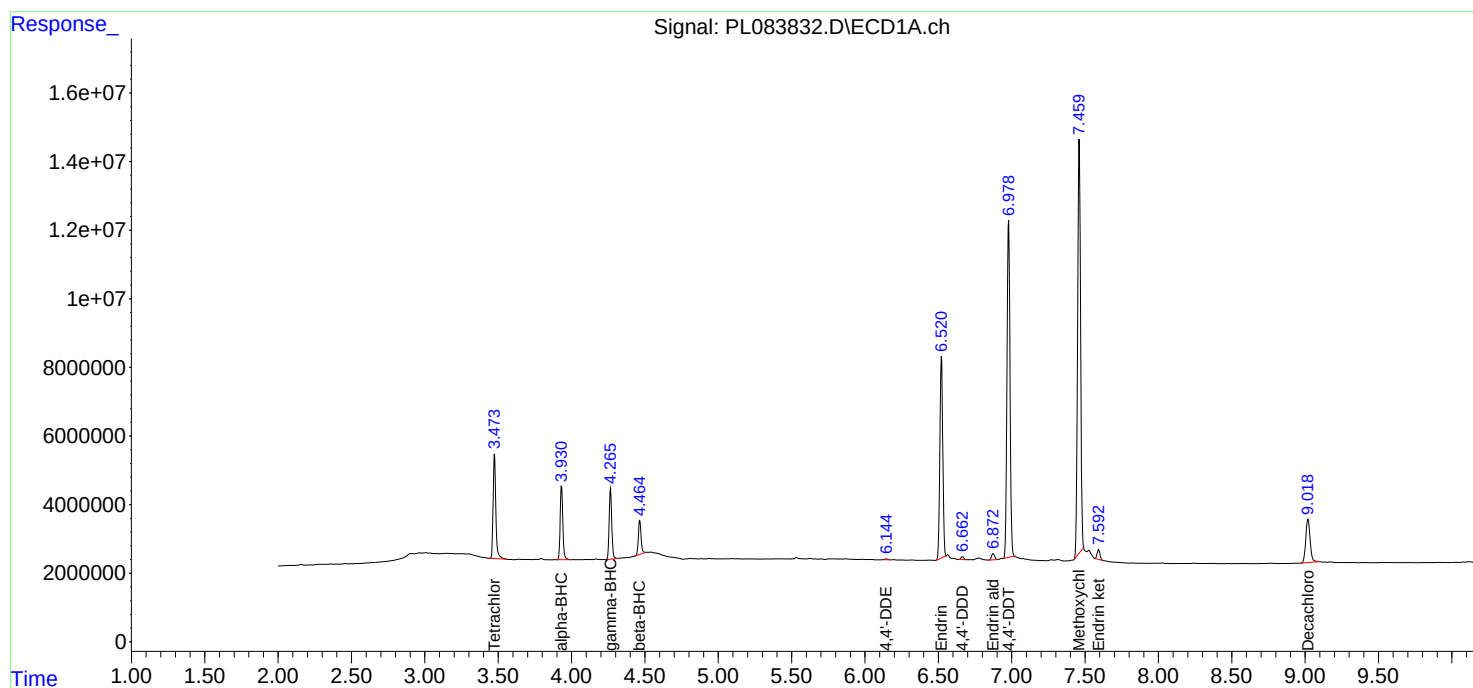
Instrument :  
ECD\_L  
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PEM

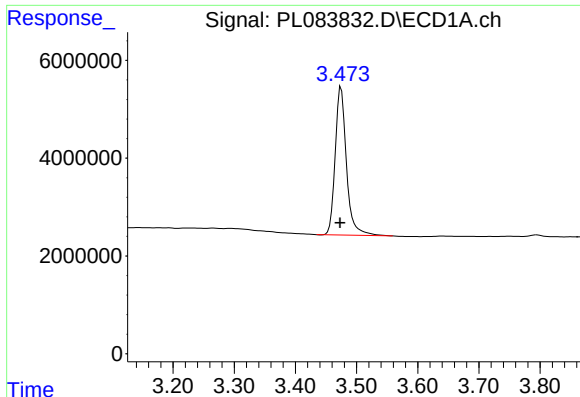
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Supervised By :Ankita Jodhani 07/13/2023

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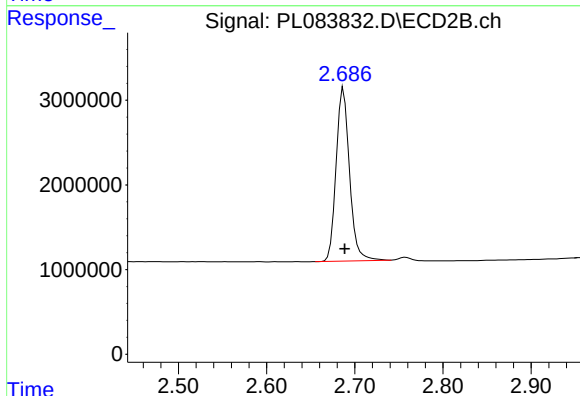
#1 Tetrachloro-m-xylene

R.T.: 3.475 min  
Delta R.T.: 0.002 min  
Response: 38710100  
Conc: 19.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

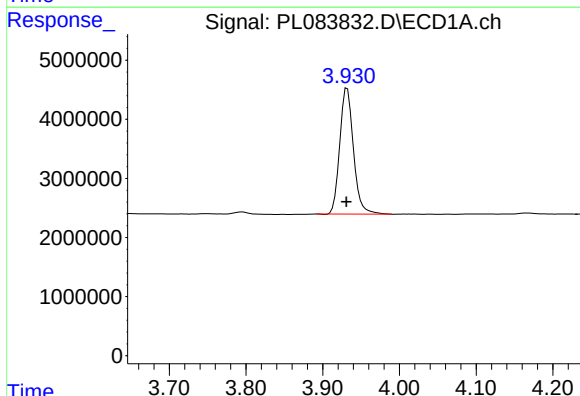
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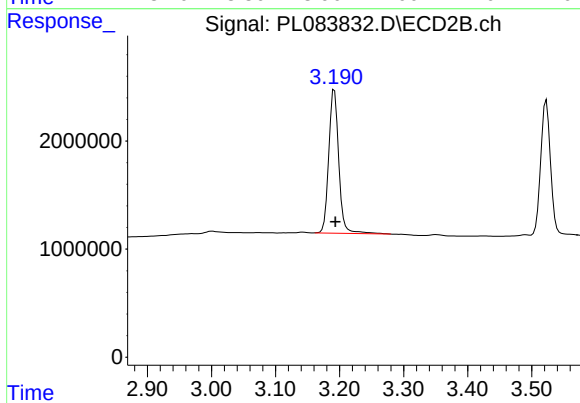
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: -0.001 min  
Response: 21614722  
Conc: 19.46 ng/ml



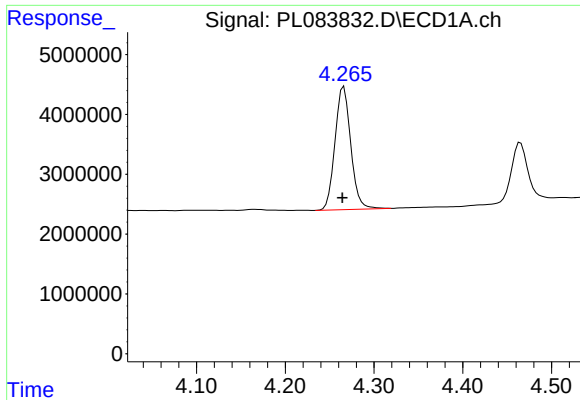
#2 alpha-BHC

R.T.: 3.932 min  
Delta R.T.: 0.001 min  
Response: 26483771  
Conc: 9.04 ng/ml



#2 alpha-BHC

R.T.: 3.192 min  
Delta R.T.: -0.001 min  
Response: 14437311  
Conc: 8.98 ng/ml



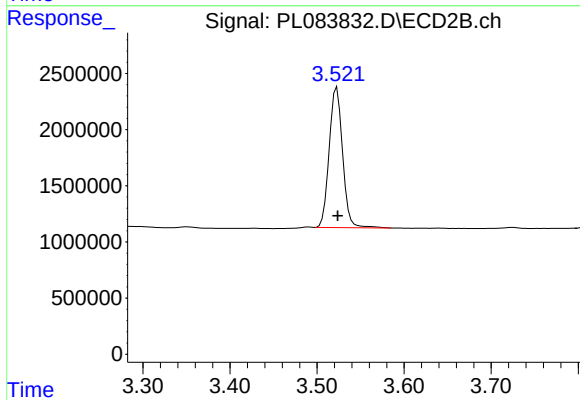
#3 gamma-BHC (Lindane)

R.T.: 4.265 min  
Delta R.T.: 0.000 min  
Response: 25418132  
Conc: 9.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

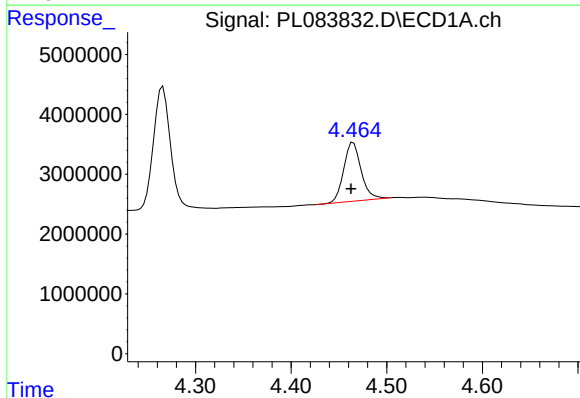
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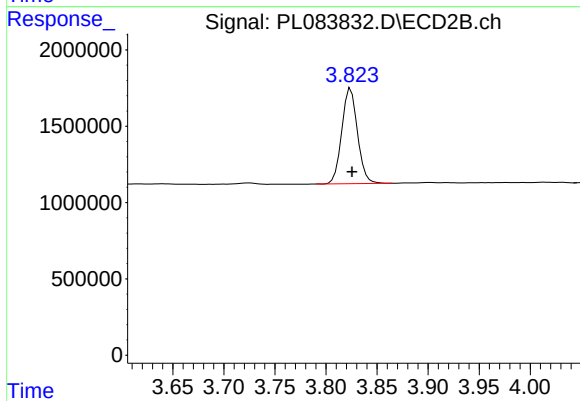
#3 gamma-BHC (Lindane)

R.T.: 3.521 min  
Delta R.T.: -0.003 min  
Response: 13356129  
Conc: 8.78 ng/ml m



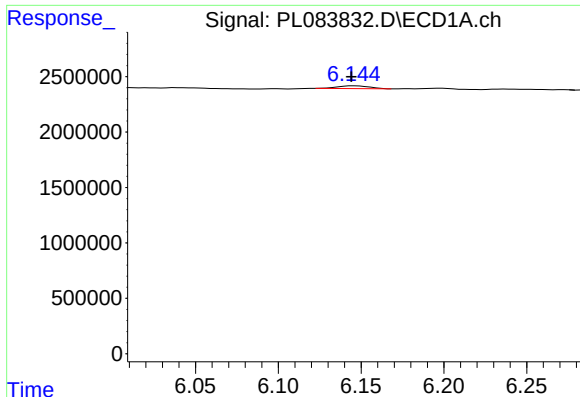
#6 beta-BHC

R.T.: 4.465 min  
Delta R.T.: 0.002 min  
Response: 12635265  
Conc: 10.53 ng/ml



#6 beta-BHC

R.T.: 3.824 min  
Delta R.T.: -0.001 min  
Response: 6690347  
Conc: 10.14 ng/ml



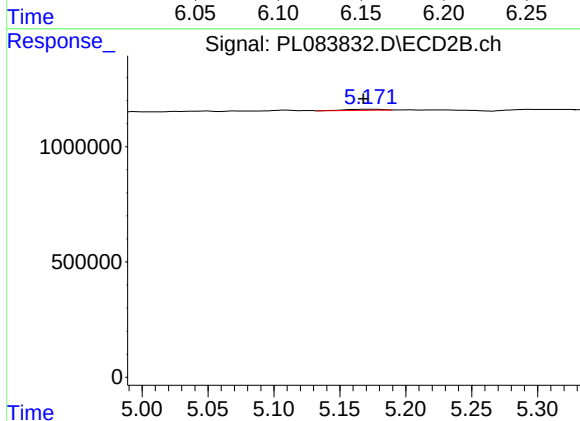
#12 4,4'-DDE

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 333868  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

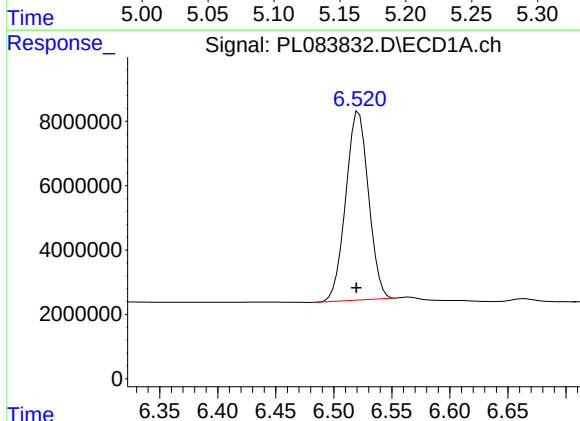
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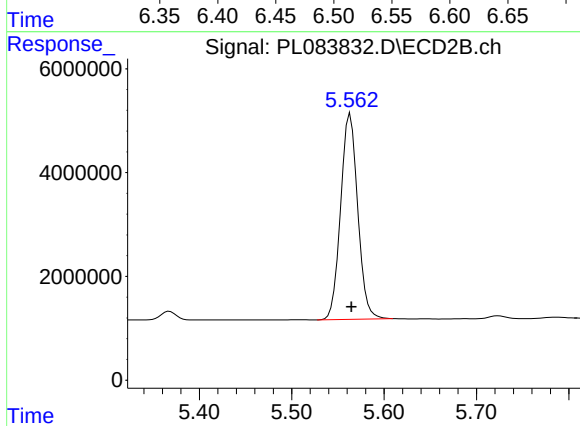
#12 4,4'-DDE

R.T.: 5.171 min  
Delta R.T.: 0.004 min  
Response: 88528  
Conc: 0.07 ng/ml m



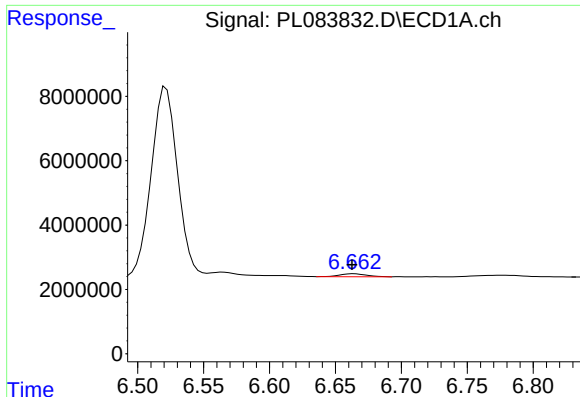
#14 Endrin

R.T.: 6.522 min  
Delta R.T.: 0.002 min  
Response: 80090435  
Conc: 42.05 ng/ml



#14 Endrin

R.T.: 5.563 min  
Delta R.T.: -0.001 min  
Response: 51015099  
Conc: 46.41 ng/ml



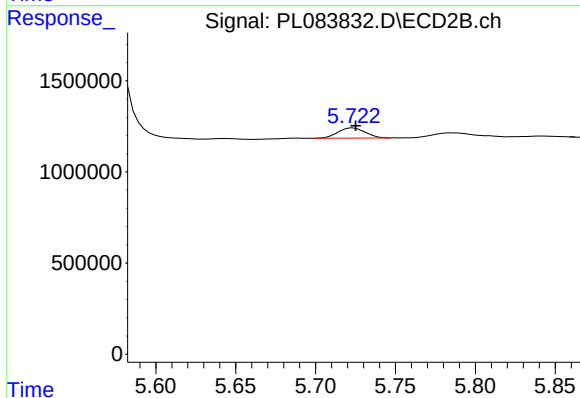
#16 4,4'-DDD

R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 1247705  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

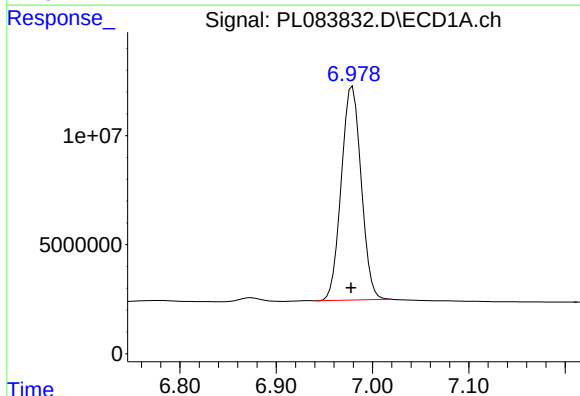
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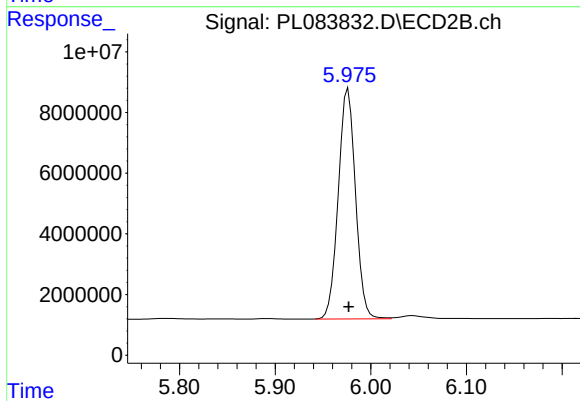
#16 4,4'-DDD

R.T.: 5.722 min  
Delta R.T.: -0.003 min  
Response: 662236  
Conc: 0.69 ng/ml m



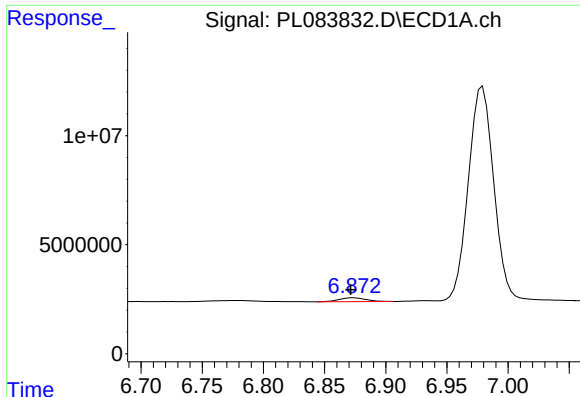
#17 4,4'-DDT

R.T.: 6.979 min  
Delta R.T.: 0.001 min  
Response: 140542789  
Conc: 88.13 ng/ml



#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 95184453  
Conc: 104.51 ng/ml



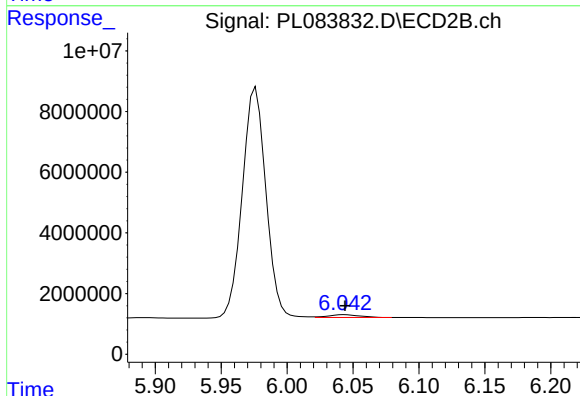
#18 Endrin aldehyde

R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 2643421  
Conc: 1.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

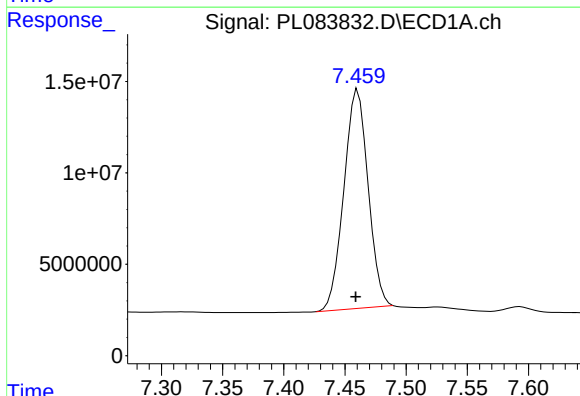
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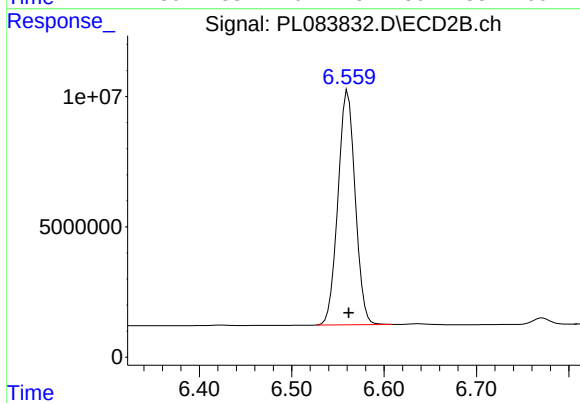
#18 Endrin aldehyde

R.T.: 6.042 min  
Delta R.T.: -0.002 min  
Response: 1561580  
Conc: 1.74 ng/ml m



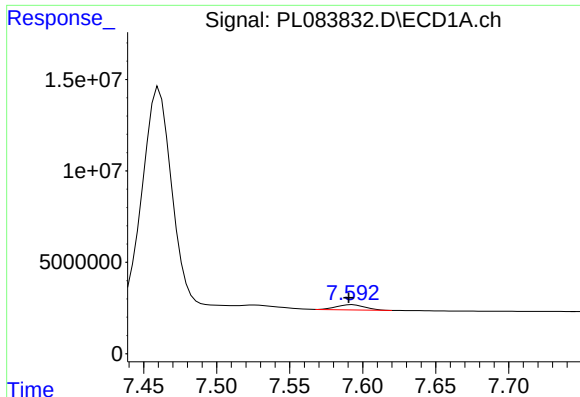
#20 Methoxychlor

R.T.: 7.461 min  
Delta R.T.: 0.002 min  
Response: 165549186  
Conc: 211.64 ng/ml



#20 Methoxychlor

R.T.: 6.561 min  
Delta R.T.: 0.000 min  
Response: 116525289  
Conc: 243.15 ng/ml



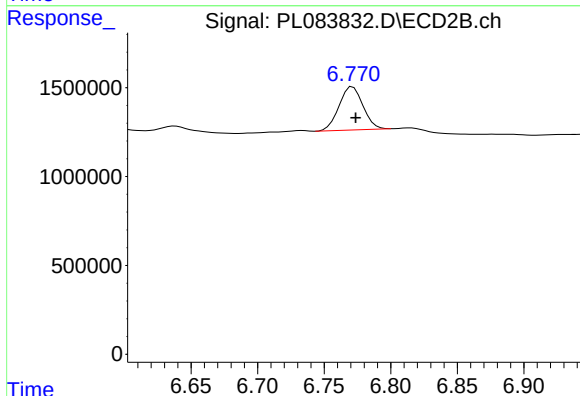
#21 Endrin ketone

R.T.: 7.591 min  
Delta R.T.: 0.001 min  
Response: 3812688  
Conc: 2.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

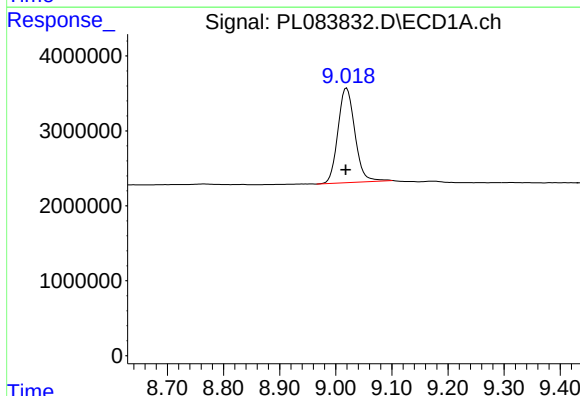
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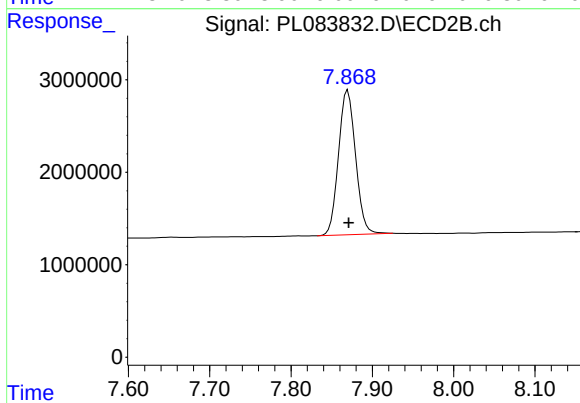
#21 Endrin ketone

R.T.: 6.770 min  
Delta R.T.: -0.004 min  
Response: 3054996  
Conc: 2.36 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.020 min  
Delta R.T.: 0.001 min  
Response: 26459891  
Conc: 20.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.870 min  
Delta R.T.: 0.000 min  
Response: 22790359  
Conc: 20.51 ng/ml