

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040522\  
 Data File : PL073833.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2022 21:26  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/06/2022  
 Supervised By : mohammad ahmed 04/06/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 06 01:18:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 04:12:46 2022  
 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... | 4.640  | 5.492  | 6827482  | 38209420 | 21.317  | 23.281  |
| 28)                         | SA Decachlor... | 10.413 | 11.335 | 10501120 | 34243952 | 20.651  | 19.150  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.348  | 6.054  | 4118540  | 23620170 | 9.992   | 10.499  |
| 3)                          | MA gamma-BHC... | 5.771  | 6.444  | 4139850  | 22876939 | 9.924   | 10.715  |
| 6)                          | B beta-BHC      | 6.151  | 6.680  | 2348949  | 12349152 | 11.408  | 11.847  |
| 12)                         | B 4,4'-DDE      | 7.646  | 8.463  | 94775    | 252849   | 0.264   | 0.141 # |
| 14)                         | MA Endrin       | 8.066  | 8.847  | 19758432 | 79020216 | 50.923  | 51.331  |
| 16)                         | A 4,4'-DDD      | 8.231  | 8.988  | 1127652  | 4326463  | 3.472   | 2.964m  |
| 17)                         | MA 4,4'-DDT     | 8.493  | 9.308  | 34908269 | 147.1E6  | 92.305  | 89.974  |
| 18)                         | B Endrin al...  | 8.567  | 9.204  | 380113   | 541283   | 1.202   | 0.441 # |
| 20)                         | A Methoxychlor  | 9.089  | 9.788  | 52558788 | 189.8E6  | 204.880 | 210.585 |
| 21)                         | B Endrin ke...  | 9.314  | 9.930  | 1094202  | 2807687  | 2.237   | 1.701   |
| -----                       |                 |        |        |          |          |         |         |

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

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Acq On : 05 Apr 2022 21:26  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

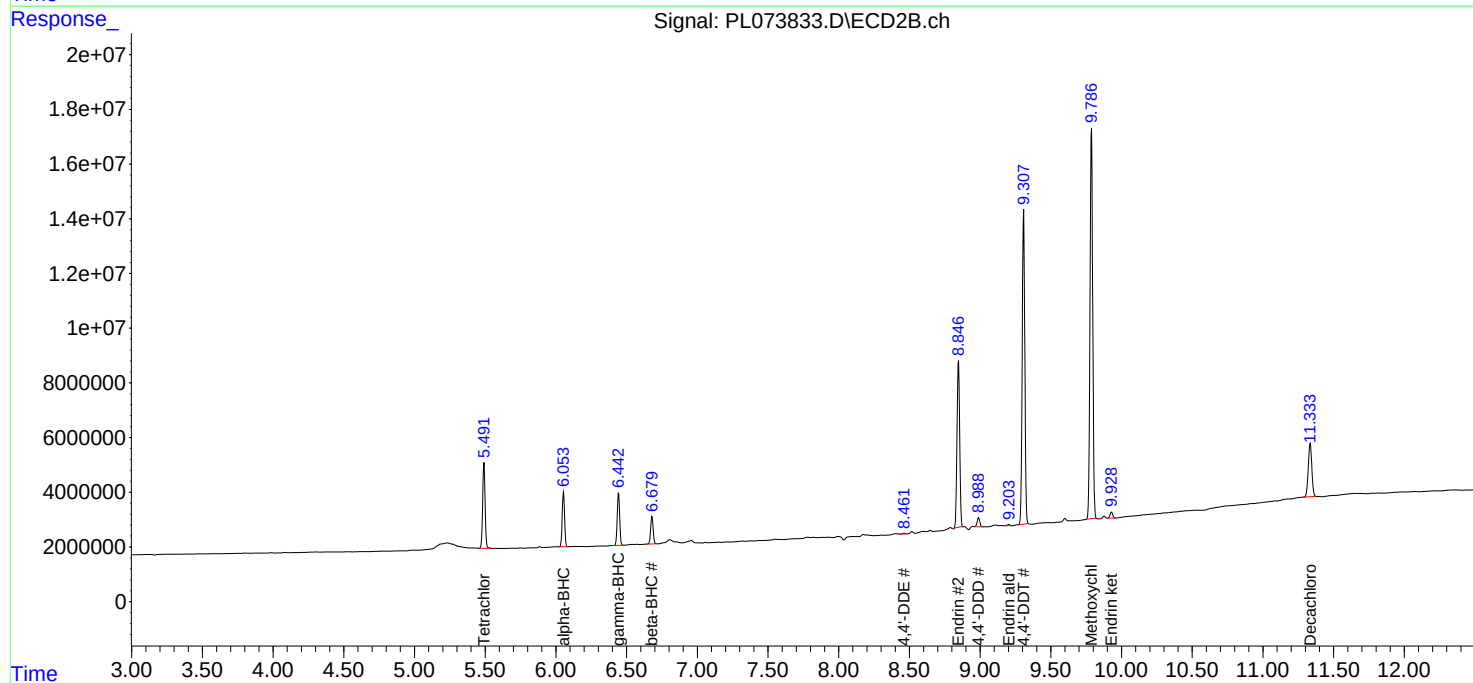
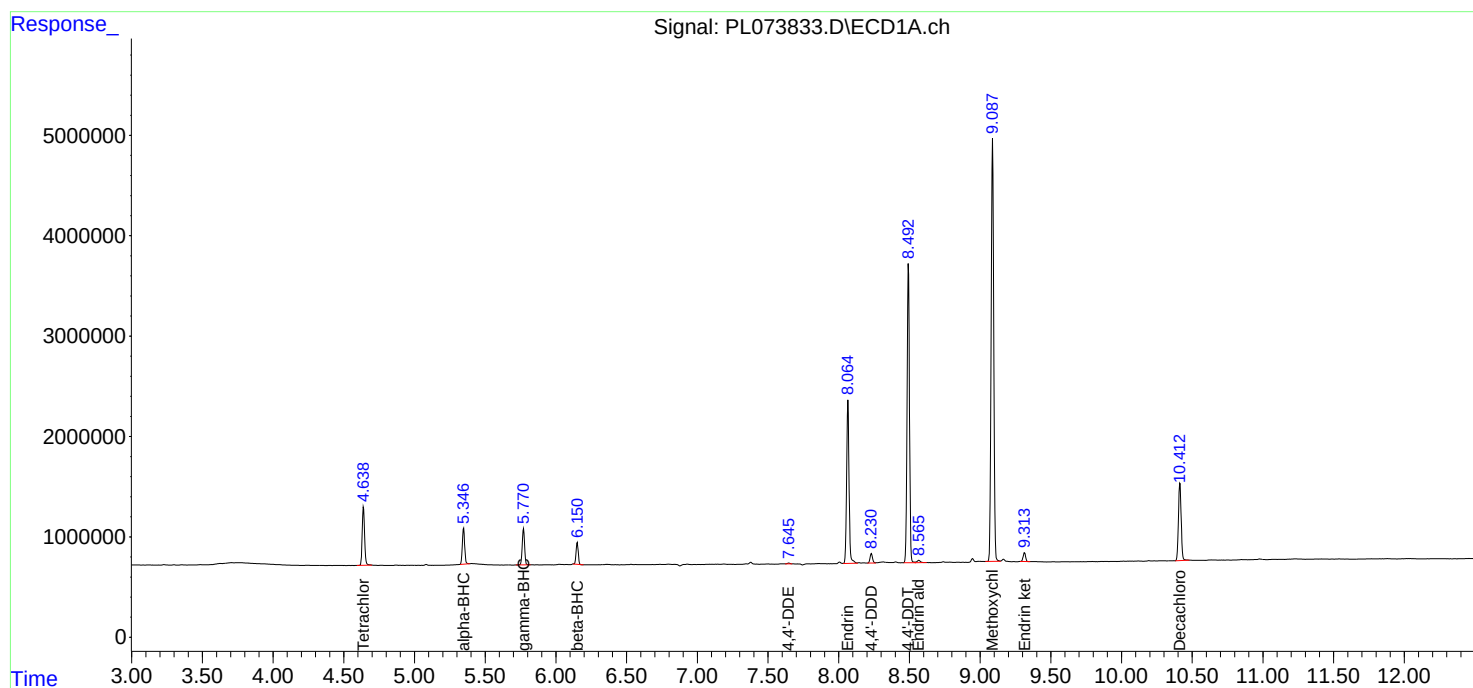
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

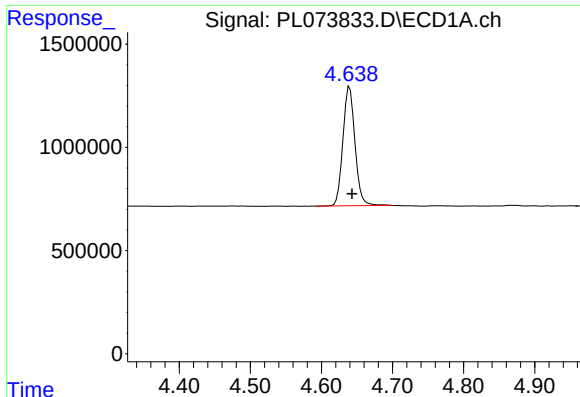
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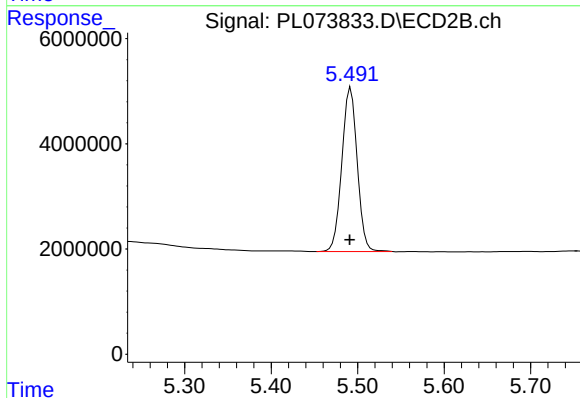
#1 Tetrachloro-m-xylene

R.T.: 4.640 min  
Delta R.T.: -0.003 min  
Response: 6827482  
Conc: 21.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

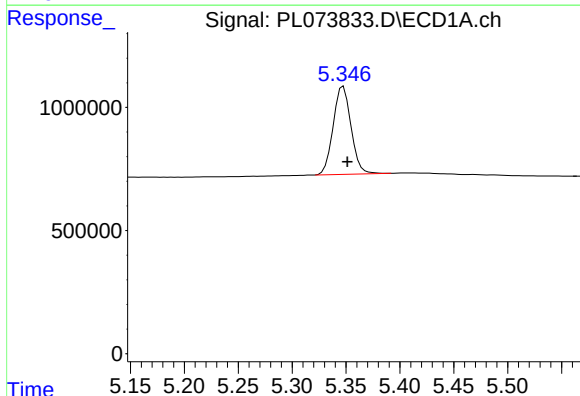
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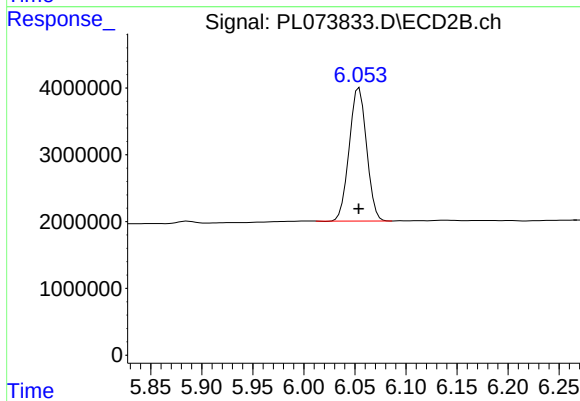
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: 0.000 min  
Response: 38209420  
Conc: 23.28 ng/ml



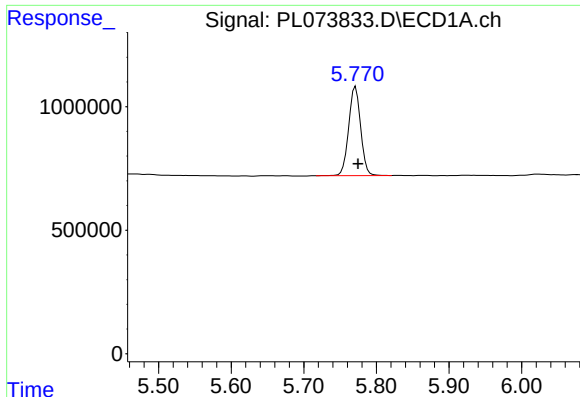
#2 alpha-BHC

R.T.: 5.348 min  
Delta R.T.: -0.004 min  
Response: 4118540  
Conc: 9.99 ng/ml



#2 alpha-BHC

R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 23620170  
Conc: 10.50 ng/ml



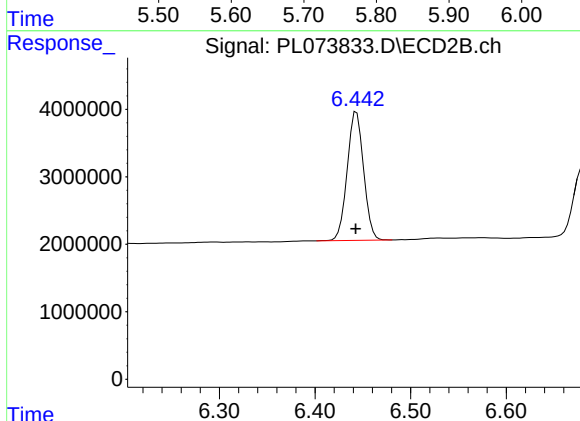
#3 gamma-BHC (Lindane)

R.T.: 5.771 min  
Delta R.T.: -0.004 min  
Response: 4139850  
Conc: 9.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

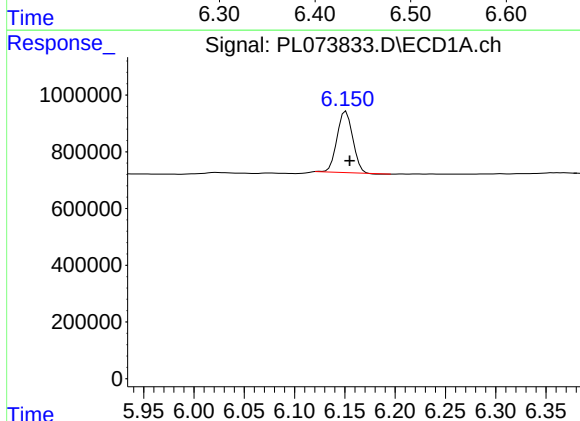
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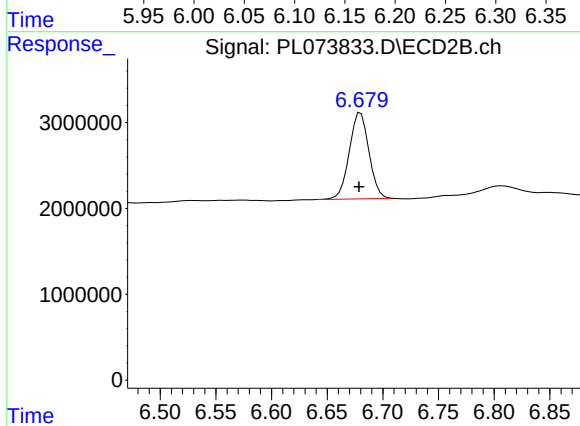
#3 gamma-BHC (Lindane)

R.T.: 6.444 min  
Delta R.T.: 0.000 min  
Response: 22876939  
Conc: 10.71 ng/ml



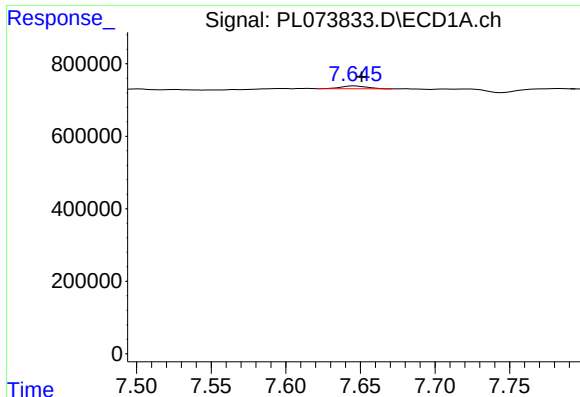
#6 beta-BHC

R.T.: 6.151 min  
Delta R.T.: -0.004 min  
Response: 2348949  
Conc: 11.41 ng/ml



#6 beta-BHC

R.T.: 6.680 min  
Delta R.T.: 0.001 min  
Response: 12349152  
Conc: 11.85 ng/ml



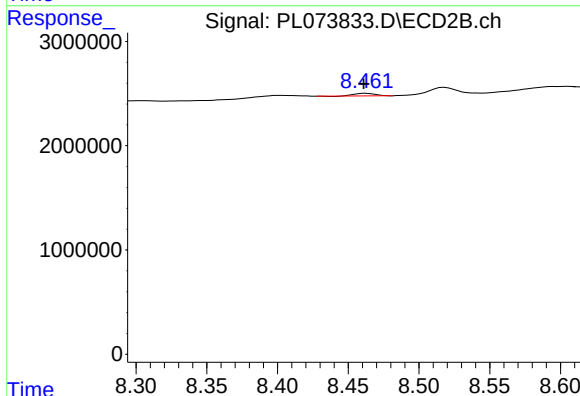
#12 4,4'-DDE

R.T.: 7.646 min  
Delta R.T.: -0.005 min  
Response: 94775  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

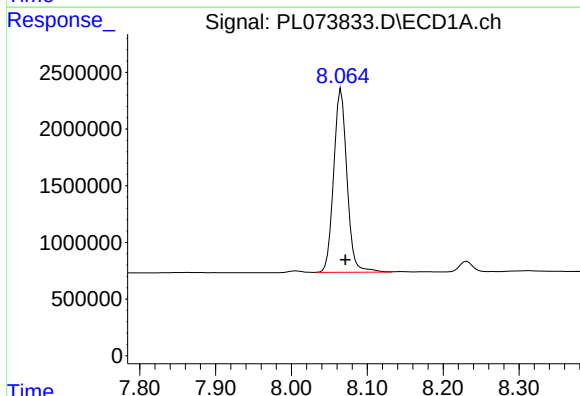
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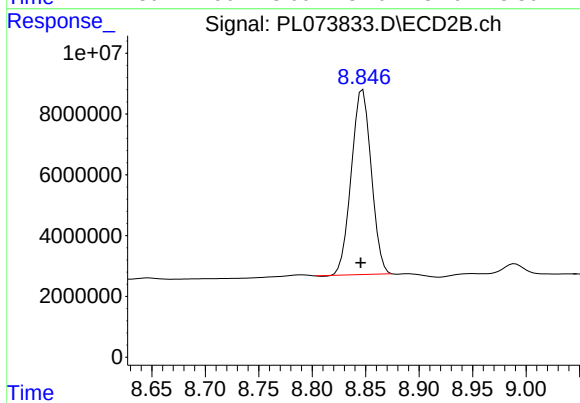
#12 4,4'-DDE

R.T.: 8.463 min  
Delta R.T.: 0.002 min  
Response: 252849  
Conc: 0.14 ng/ml



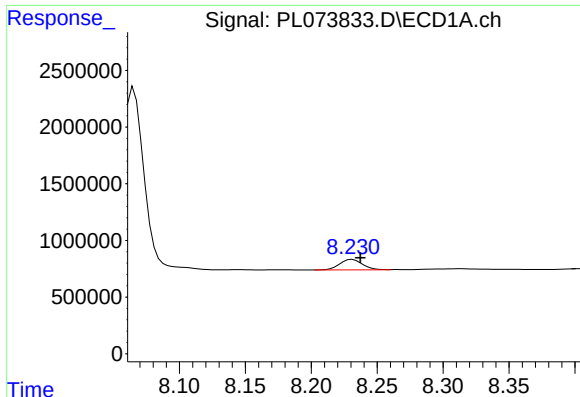
#14 Endrin

R.T.: 8.066 min  
Delta R.T.: -0.005 min  
Response: 19758432  
Conc: 50.92 ng/ml



#14 Endrin

R.T.: 8.847 min  
Delta R.T.: 0.002 min  
Response: 79020216  
Conc: 51.33 ng/ml



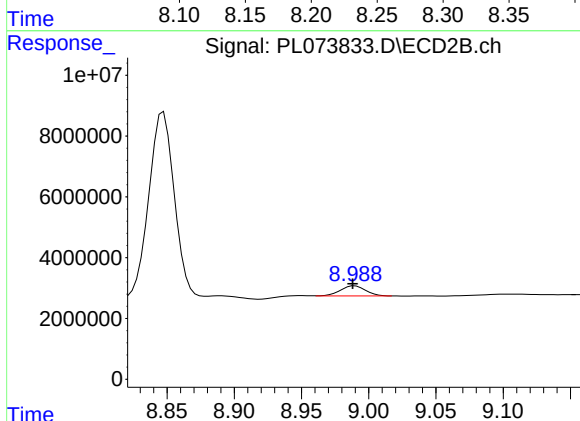
#16 4,4'-DDD

R.T.: 8.231 min  
Delta R.T.: -0.006 min  
Response: 1127652  
Conc: 3.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

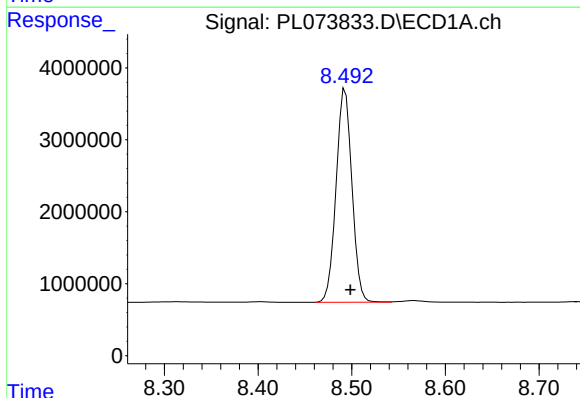
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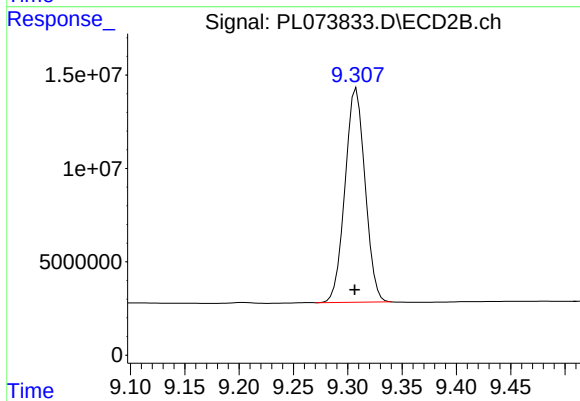
#16 4,4'-DDD

R.T.: 8.988 min  
Delta R.T.: 0.000 min  
Response: 4326463  
Conc: 2.96 ng/ml m



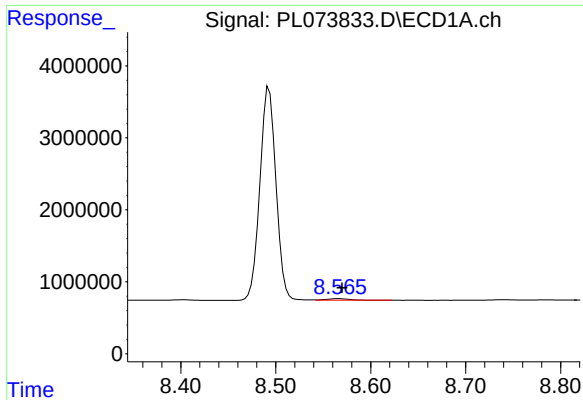
#17 4,4'-DDT

R.T.: 8.493 min  
Delta R.T.: -0.006 min  
Response: 34908269  
Conc: 92.31 ng/ml



#17 4,4'-DDT

R.T.: 9.308 min  
Delta R.T.: 0.001 min  
Response: 147065598  
Conc: 89.97 ng/ml



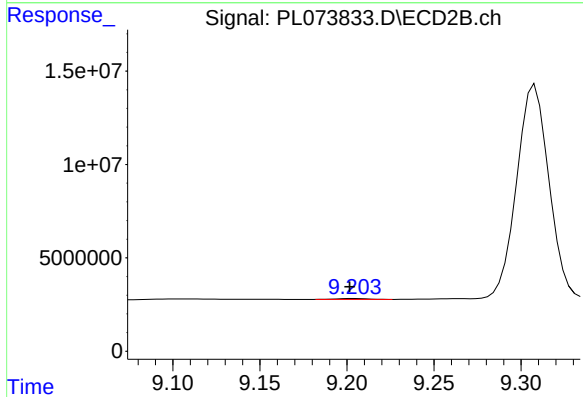
#18 Endrin aldehyde

R.T.: 8.567 min  
Delta R.T.: -0.003 min  
Response: 380113  
Conc: 1.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

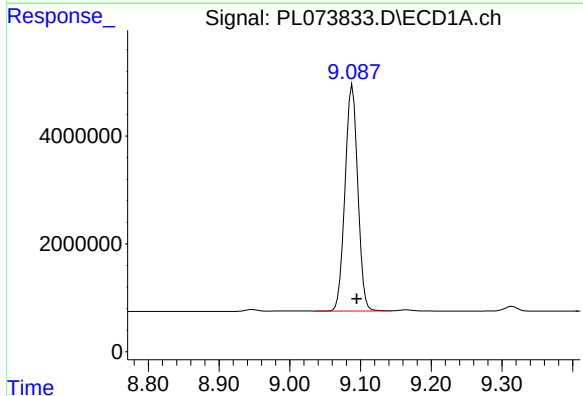
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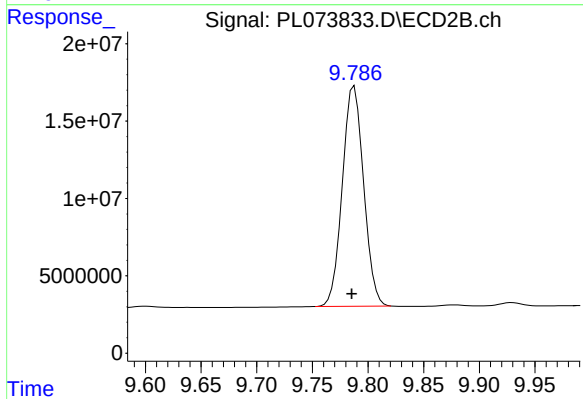
#18 Endrin aldehyde

R.T.: 9.204 min  
Delta R.T.: 0.002 min  
Response: 541283  
Conc: 0.44 ng/ml



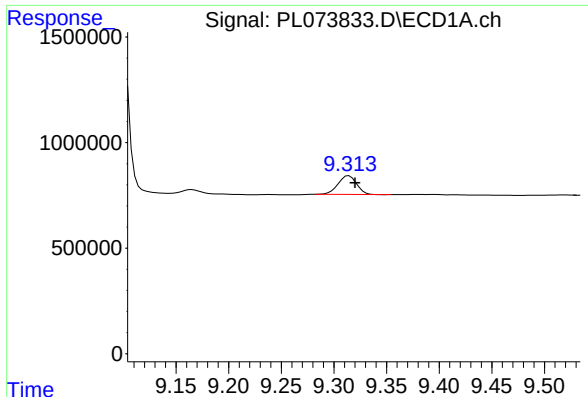
#20 Methoxychlor

R.T.: 9.089 min  
Delta R.T.: -0.006 min  
Response: 52558788  
Conc: 204.88 ng/ml



#20 Methoxychlor

R.T.: 9.788 min  
Delta R.T.: 0.002 min  
Response: 189752820  
Conc: 210.59 ng/ml



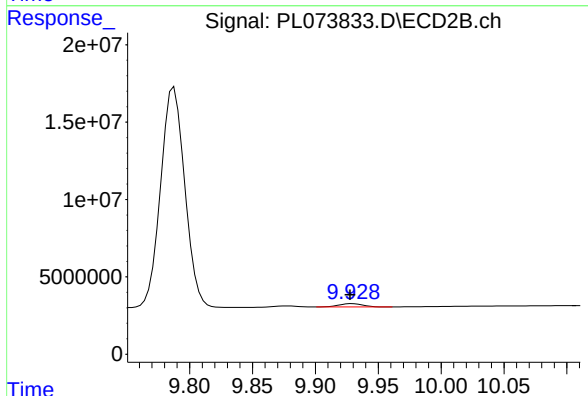
#21 Endrin ketone

R.T.: 9.314 min  
Delta R.T.: -0.006 min  
Response: 1094202  
Conc: 2.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

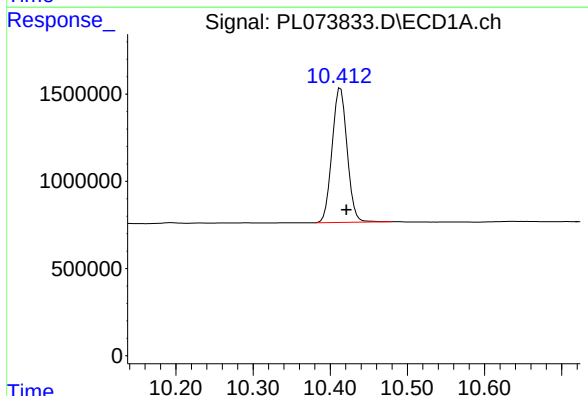
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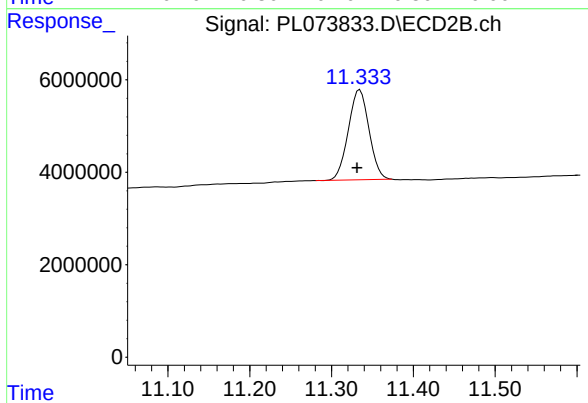
#21 Endrin ketone

R.T.: 9.930 min  
Delta R.T.: 0.002 min  
Response: 2807687  
Conc: 1.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.413 min  
Delta R.T.: -0.008 min  
Response: 10501120  
Conc: 20.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.335 min  
Delta R.T.: 0.003 min  
Response: 34243952  
Conc: 19.15 ng/ml