

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031422\  
 Data File : PL073357.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2022 22:32  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/15/2022  
 Supervised By : Ankita Jodhani 03/15/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 05:13:30 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... | 4.643  | 5.505  | 5970675  | 30416269 | 18.642  | 18.532m  |
| 28)                         | SA Decachlor... | 10.417 | 11.344 | 10134662 | 33501621 | 19.931  | 18.735   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 5.351  | 6.067  | 3637579  | 18463241 | 8.825   | 8.207m   |
| 3)                          | MA gamma-BHC... | 5.774  | 6.457  | 3733607  | 18079212 | 8.951   | 8.468m   |
| 6)                          | B beta-BHC      | 6.154  | 6.692  | 2215038  | 10250417 | 10.758  | 9.834m   |
| 12)                         | B 4,4'-DDE      | 7.648  | 8.475  | 66032    | 431319   | 0.184m  | 0.241 #  |
| 14)                         | MA Endrin       | 8.068  | 8.859  | 17399827 | 71057084 | 44.844  | 46.158m  |
| 16)                         | A 4,4'-DDD      | 8.232  | 9.002  | 469519   | 2240211  | 1.446m  | 1.535    |
| 17)                         | MA 4,4'-DDT     | 8.496  | 9.319  | 35090205 | 147.3E6  | 92.786  | 90.103m  |
| 18)                         | B Endrin al...  | 8.568  | 9.216  | 552504   | 827528   | 1.747   | 0.675 #  |
| 20)                         | A Methoxychlor  | 9.092  | 9.799  | 53767356 | 199.8E6  | 209.591 | 221.740m |
| 21)                         | B Endrin ke...  | 9.317  | 9.942  | 957819   | 2005935  | 1.958   | 1.215 #  |
| -----                       |                 |        |        |          |          |         |          |

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

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Acq On : 14 Mar 2022 22:32  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

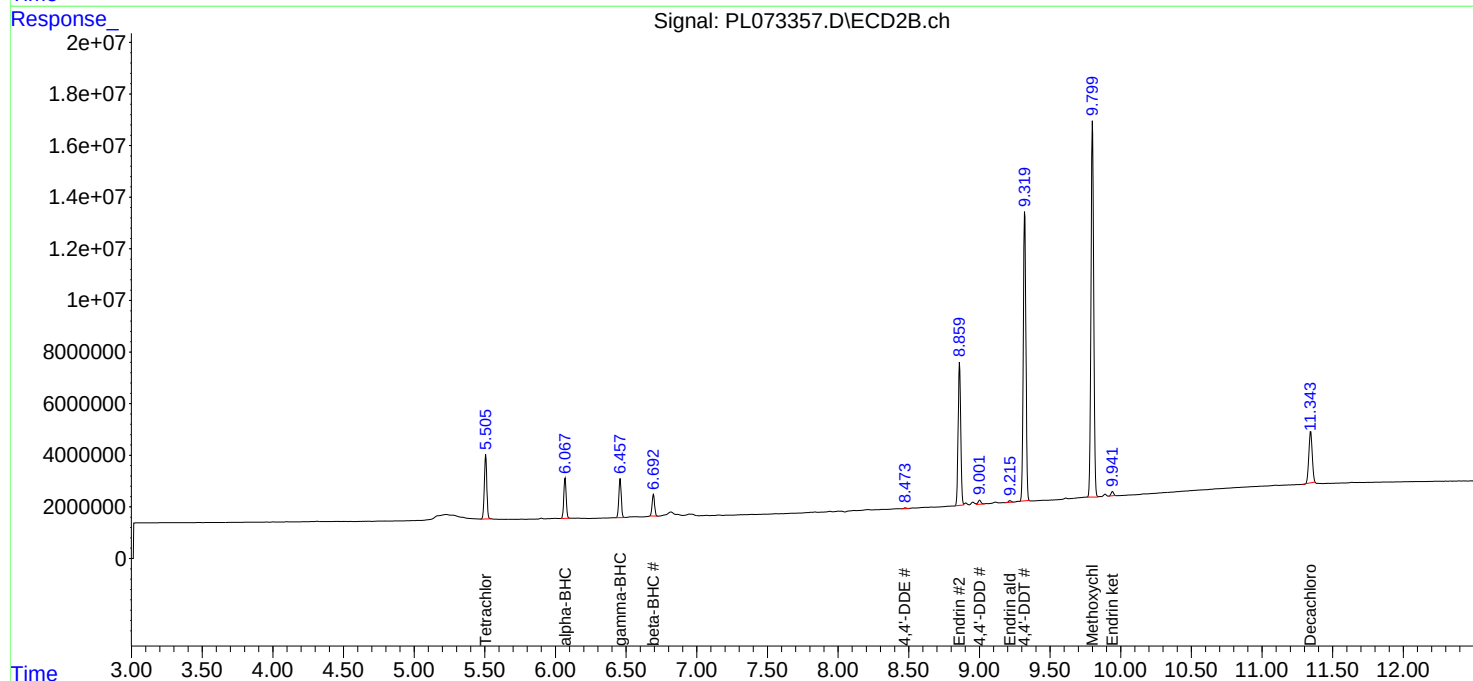
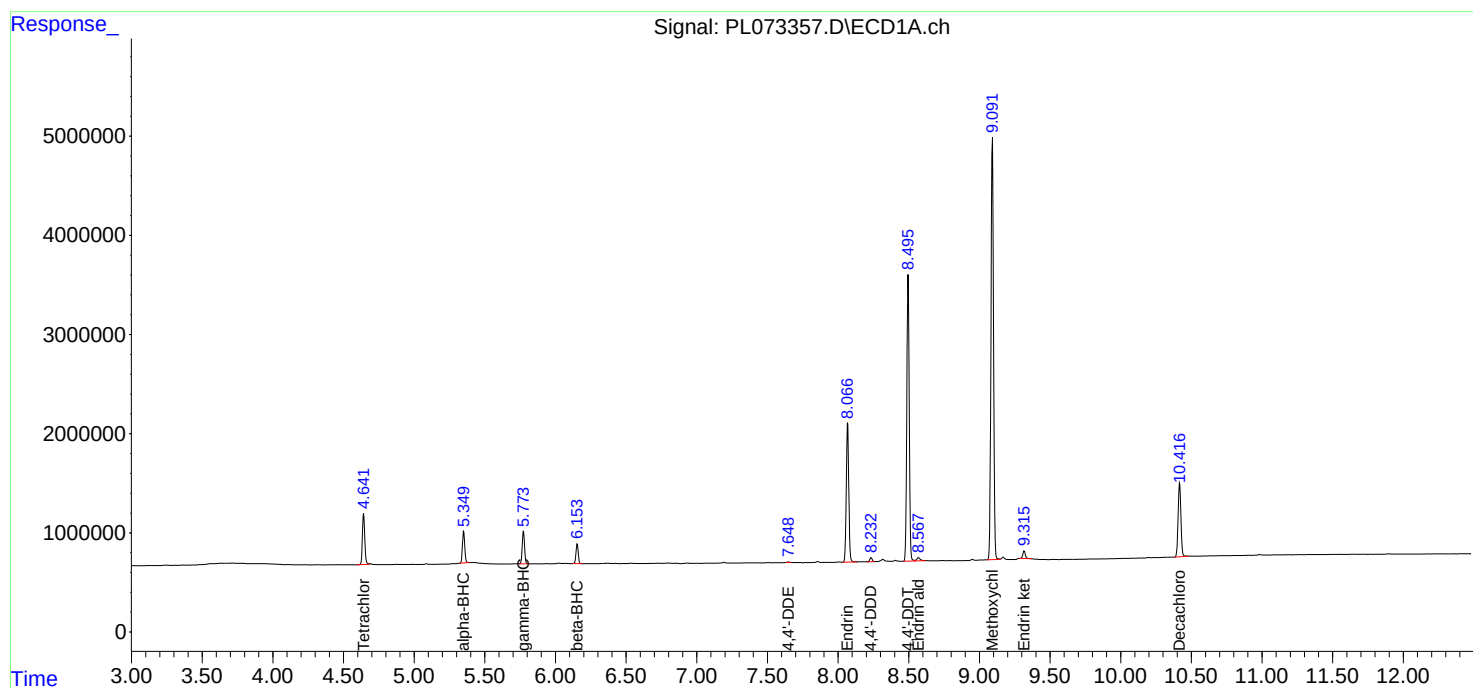
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

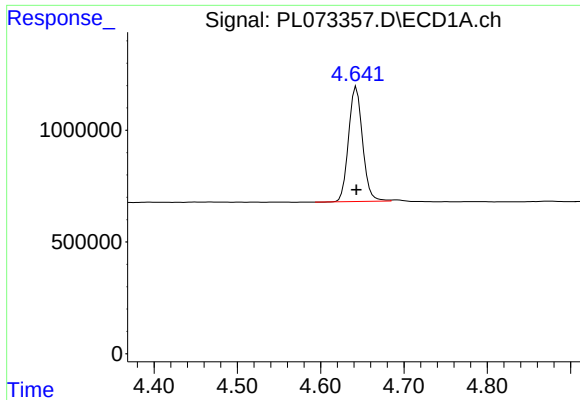
Manual Integrations  
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Supervised By :Ankita Jodhani 03/15/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 05:13:30 2022  
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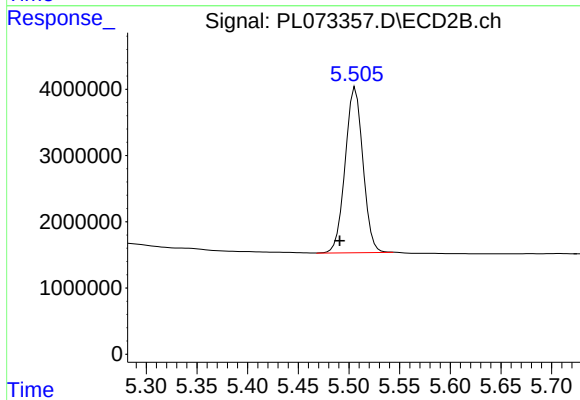
#1 Tetrachloro-m-xylene

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 5970675  
Conc: 18.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

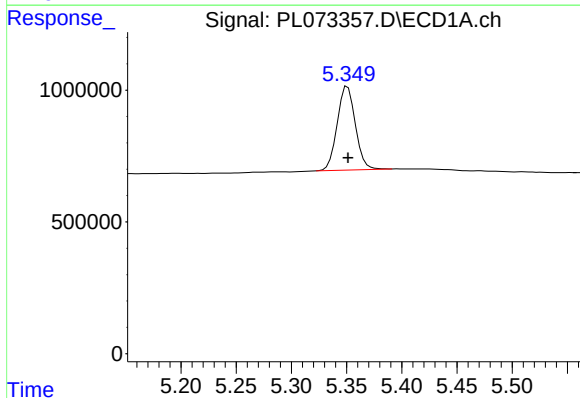
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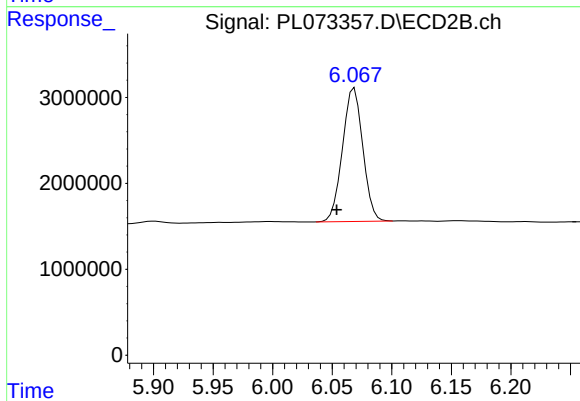
#1 Tetrachloro-m-xylene

R.T.: 5.505 min  
Delta R.T.: 0.014 min  
Response: 30416269  
Conc: 18.53 ng/ml m



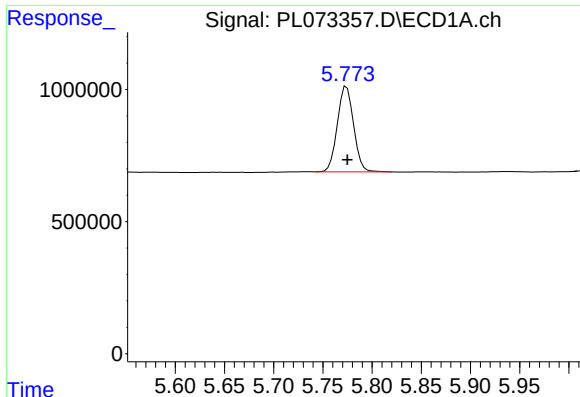
#2 alpha-BHC

R.T.: 5.351 min  
Delta R.T.: 0.000 min  
Response: 3637579  
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 6.067 min  
Delta R.T.: 0.013 min  
Response: 18463241  
Conc: 8.21 ng/ml m



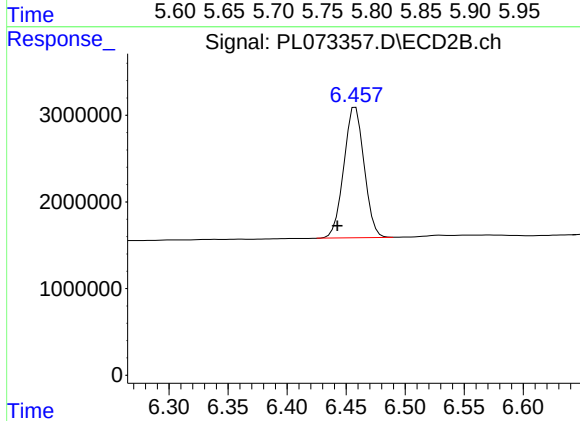
#3 gamma-BHC (Lindane)

R.T.: 5.774 min  
Delta R.T.: 0.000 min  
Response: 3733607  
Conc: 8.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

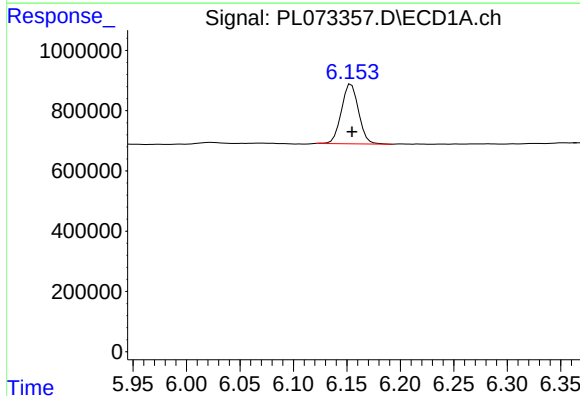
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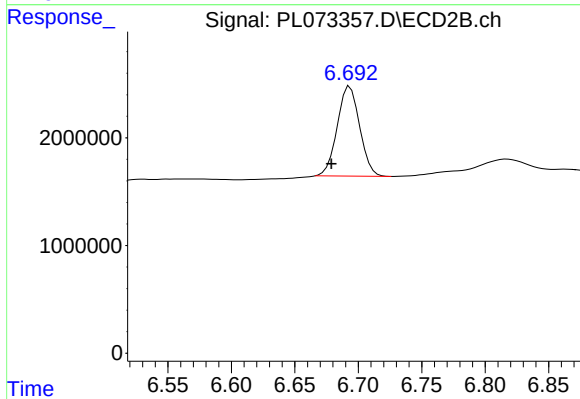
#3 gamma-BHC (Lindane)

R.T.: 6.457 min  
Delta R.T.: 0.014 min  
Response: 18079212  
Conc: 8.47 ng/ml m



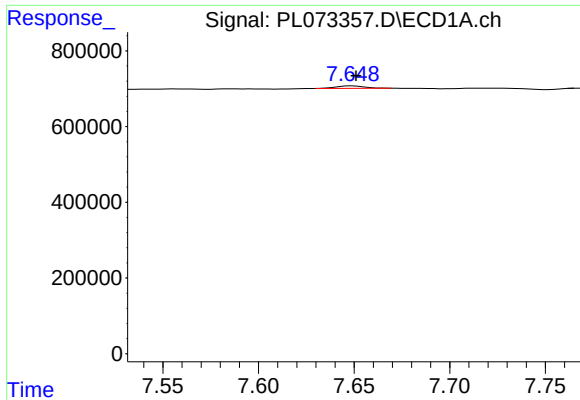
#6 beta-BHC

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 2215038  
Conc: 10.76 ng/ml



#6 beta-BHC

R.T.: 6.692 min  
Delta R.T.: 0.013 min  
Response: 10250417  
Conc: 9.83 ng/ml m



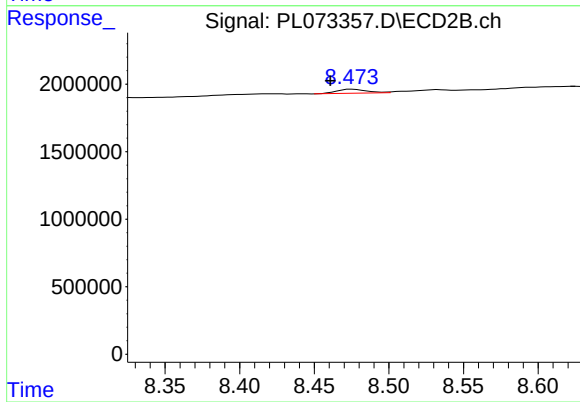
#12 4,4'-DDE

R.T.: 7.648 min  
Delta R.T.: -0.003 min  
Response: 66032  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

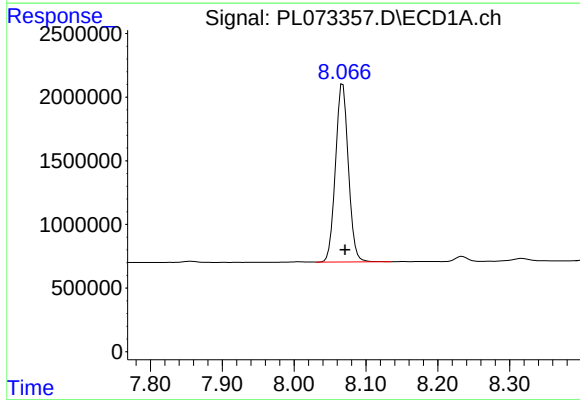
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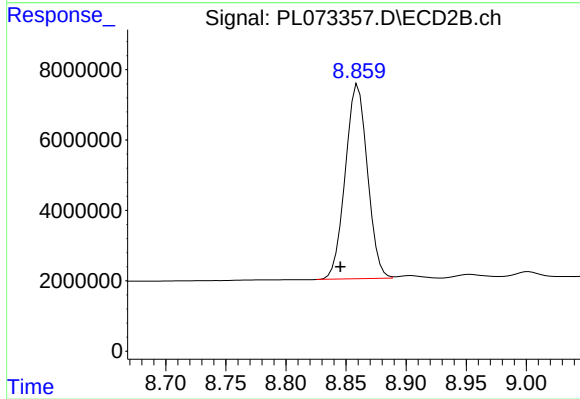
#12 4,4'-DDE

R.T.: 8.475 min  
Delta R.T.: 0.014 min  
Response: 431319  
Conc: 0.24 ng/ml



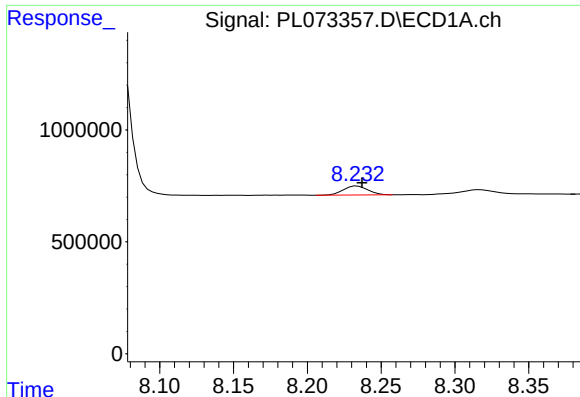
#14 Endrin

R.T.: 8.068 min  
Delta R.T.: -0.003 min  
Response: 17399827  
Conc: 44.84 ng/ml



#14 Endrin

R.T.: 8.859 min  
Delta R.T.: 0.013 min  
Response: 71057084  
Conc: 46.16 ng/ml m



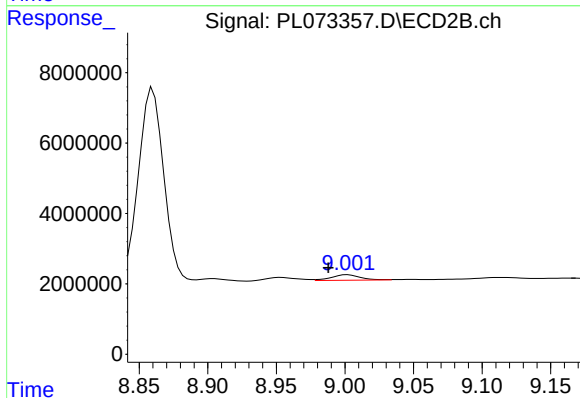
#16 4,4'-DDD

R.T.: 8.232 min  
Delta R.T.: -0.005 min  
Response: 469519  
Conc: 1.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

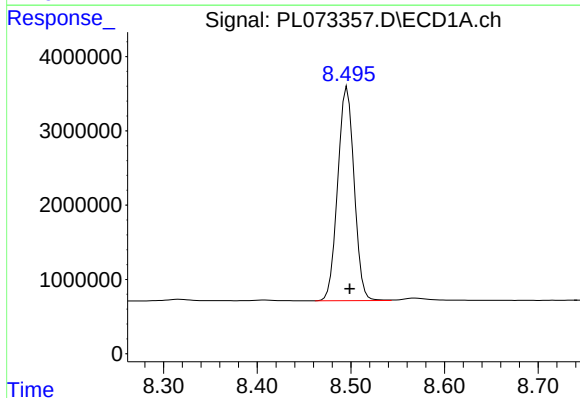
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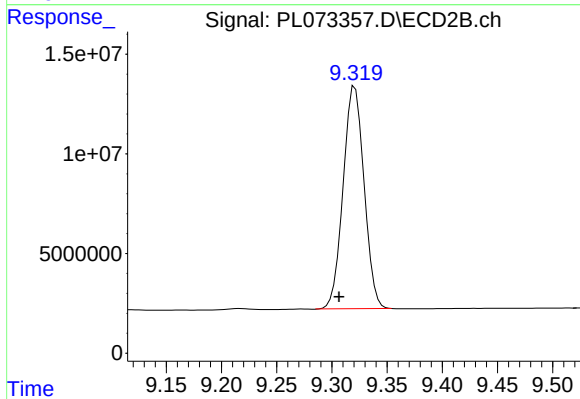
#16 4,4'-DDD

R.T.: 9.002 min  
Delta R.T.: 0.014 min  
Response: 2240211  
Conc: 1.53 ng/ml



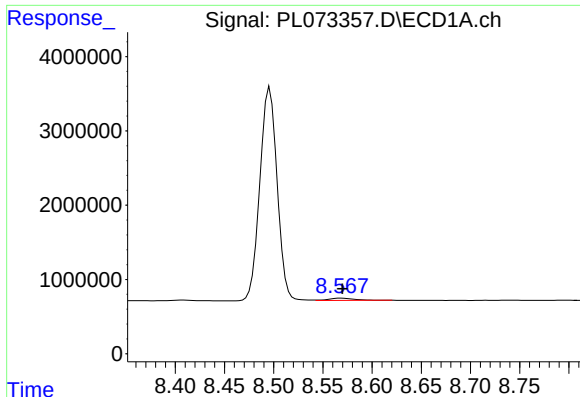
#17 4,4'-DDT

R.T.: 8.496 min  
Delta R.T.: -0.003 min  
Response: 35090205  
Conc: 92.79 ng/ml



#17 4,4'-DDT

R.T.: 9.319 min  
Delta R.T.: 0.013 min  
Response: 147275880  
Conc: 90.10 ng/ml m



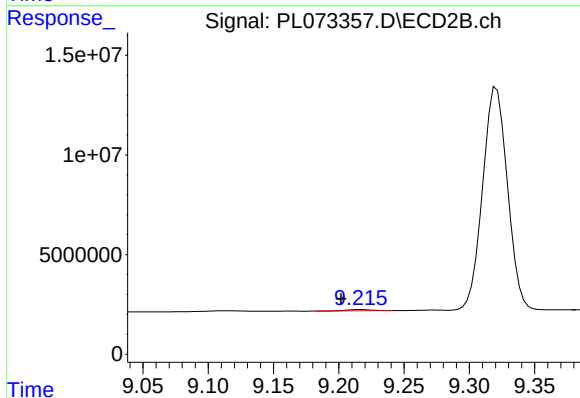
#18 Endrin aldehyde

R.T.: 8.568 min  
Delta R.T.: -0.002 min  
Response: 552504  
Conc: 1.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

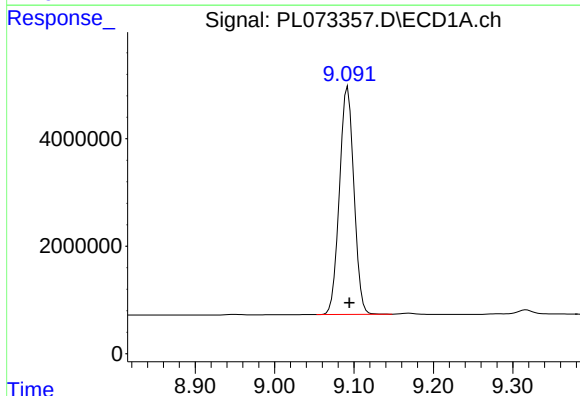
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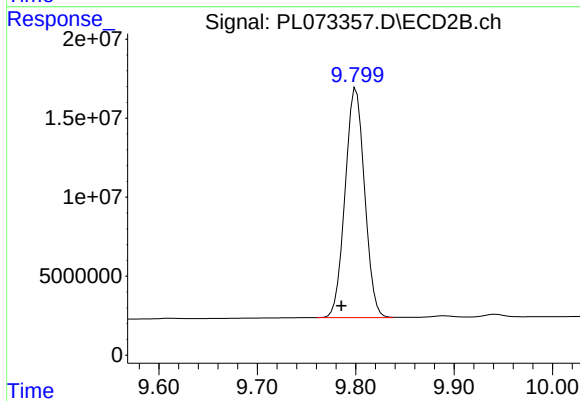
#18 Endrin aldehyde

R.T.: 9.216 min  
Delta R.T.: 0.015 min  
Response: 827528  
Conc: 0.67 ng/ml



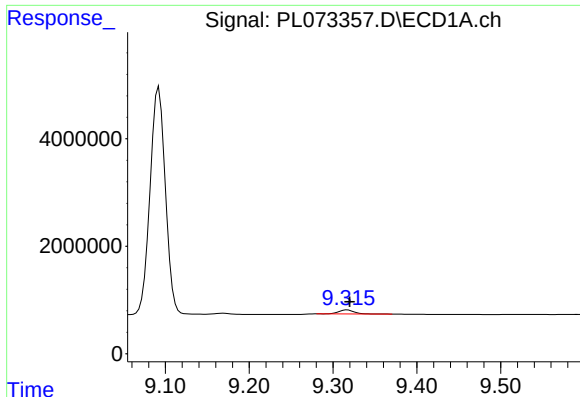
#20 Methoxychlor

R.T.: 9.092 min  
Delta R.T.: -0.002 min  
Response: 53767356  
Conc: 209.59 ng/ml



#20 Methoxychlor

R.T.: 9.799 min  
Delta R.T.: 0.014 min  
Response: 199804476  
Conc: 221.74 ng/ml m



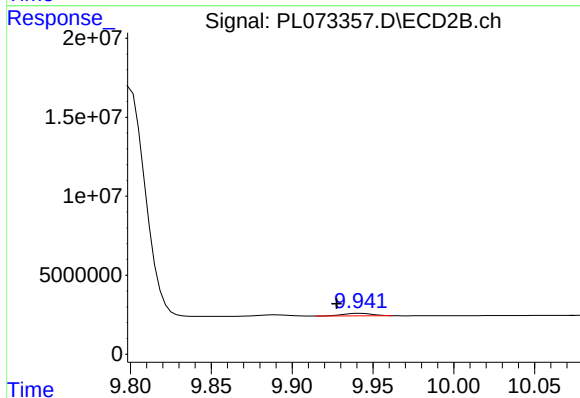
#21 Endrin ketone

R.T.: 9.317 min  
Delta R.T.: -0.003 min  
Response: 957819  
Conc: 1.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

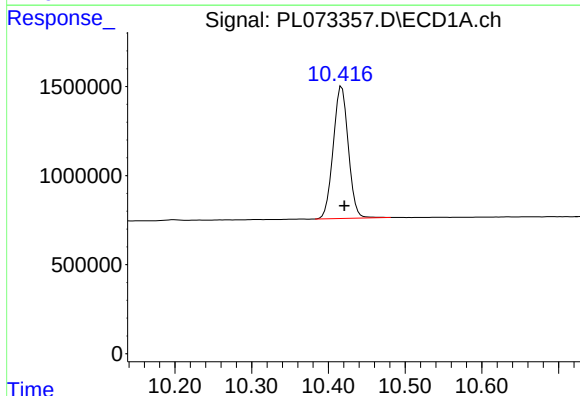
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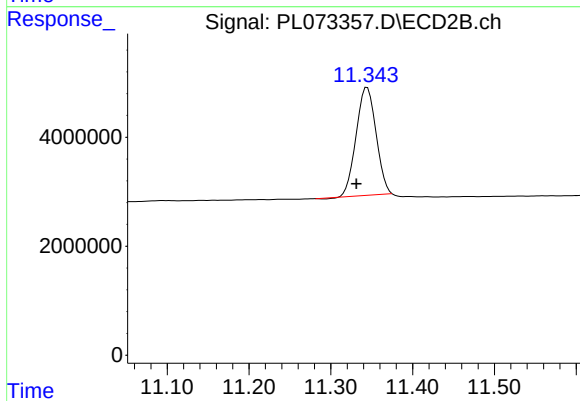
#21 Endrin ketone

R.T.: 9.942 min  
Delta R.T.: 0.015 min  
Response: 2005935  
Conc: 1.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.417 min  
Delta R.T.: -0.004 min  
Response: 10134662  
Conc: 19.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.344 min  
Delta R.T.: 0.013 min  
Response: 33501621  
Conc: 18.74 ng/ml