

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081721\  
 Data File : PL069108.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2021 10:08  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 16:18:32 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 2021  
 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... | 4.634  | 5.567  | 8049879  | 22810073 | 19.461  | 22.466  |
| 28)                         | SA Decachlor... | 10.400 | 11.487 | 12765955 | 22601011 | 22.213  | 23.294  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.340  | 6.147  | 5157969  | 14145550 | 9.325   | 10.387  |
| 3)                          | MA gamma-BHC... | 5.763  | 6.543  | 5117886  | 13719823 | 9.430   | 10.545  |
| 6)                          | B beta-BHC      | 6.143  | 6.795  | 4096243  | 7130426  | 14.531  | 11.006  |
| 12)                         | B 4,4'-DDE      | 7.633  | 8.565  | 76153    | 134399   | 0.158m  | 0.127   |
| 14)                         | MA Endrin       | 8.054  | 8.963  | 26036259 | 52895496 | 54.026  | 58.275  |
| 16)                         | A 4,4'-DDD      | 8.218  | 9.104  | 122341   | 258471   | 0.285m  | 0.302m  |
| 17)                         | MA 4,4'-DDT     | 8.481  | 9.422  | 52886606 | 105.7E6  | 108.895 | 111.674 |
| 18)                         | B Endrin al...  | 8.562  | 9.344  | 132201   | 190881   | 0.353m  | 0.272m  |
| 20)                         | A Methoxychlor  | 9.075  | 9.908  | 76806035 | 137.7E6  | 245.354 | 264.557 |
| 21)                         | B Endrin ke...  | 9.300  | 10.066 | 458828   | 669833   | 0.784m  | 0.658   |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081721\  
Data File : PL069108.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2021 10:08  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

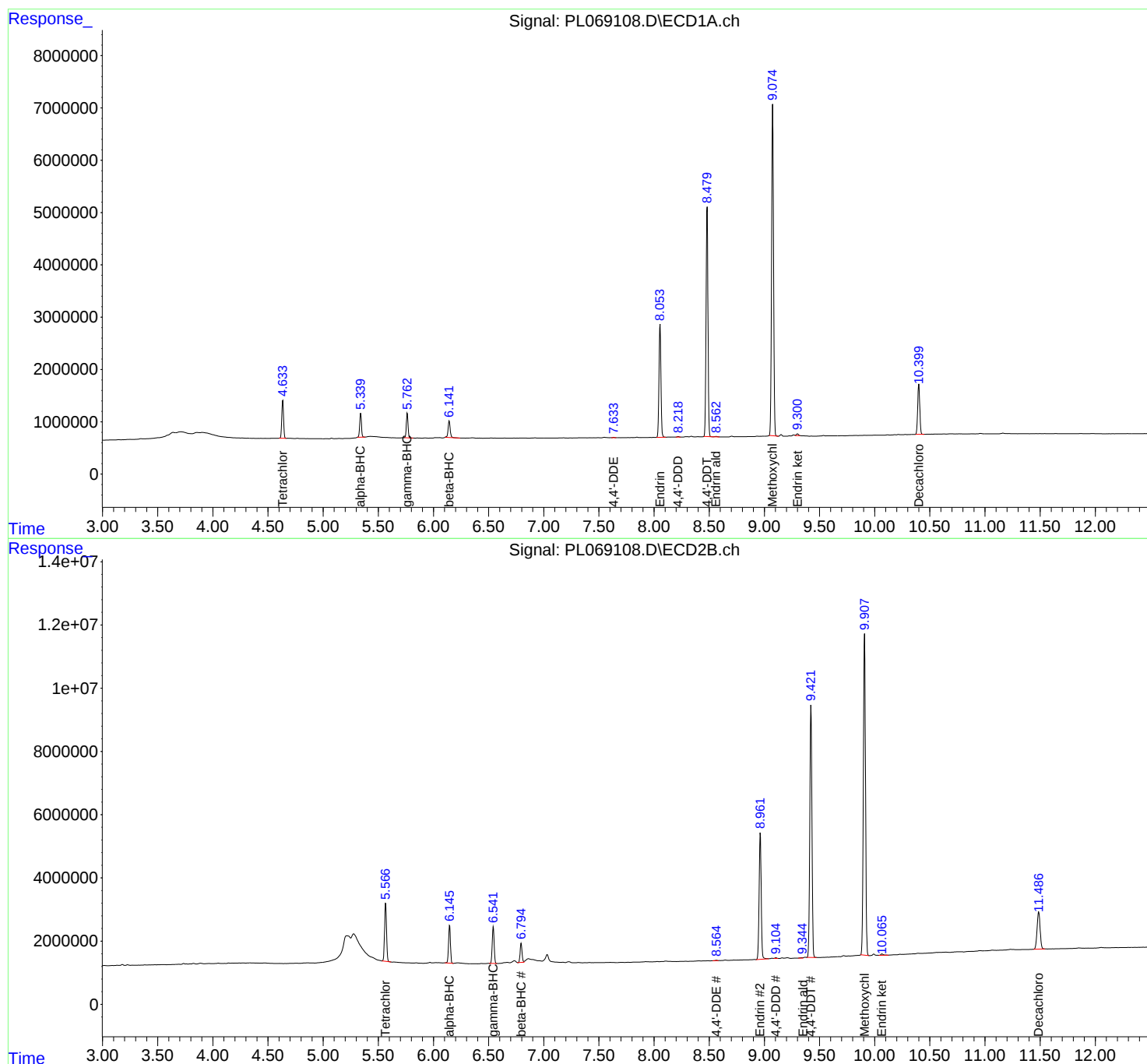
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

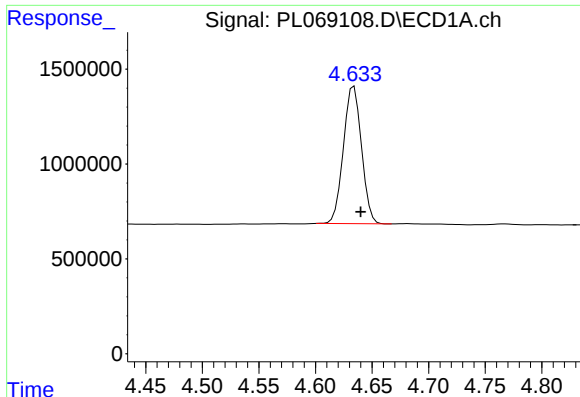
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 16:18:32 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 2021  
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





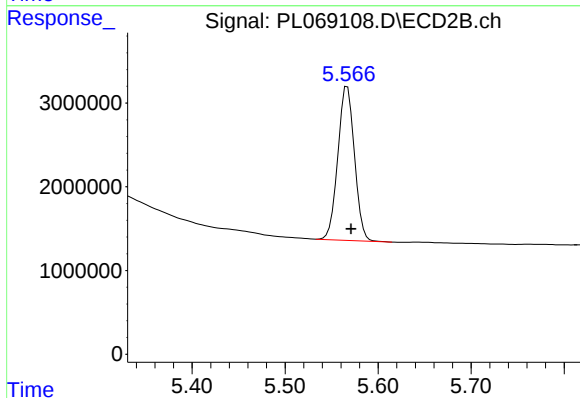
#1 Tetrachloro-m-xylene

R.T.: 4.634 min  
Delta R.T.: -0.006 min  
Response: 8049879  
Conc: 19.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

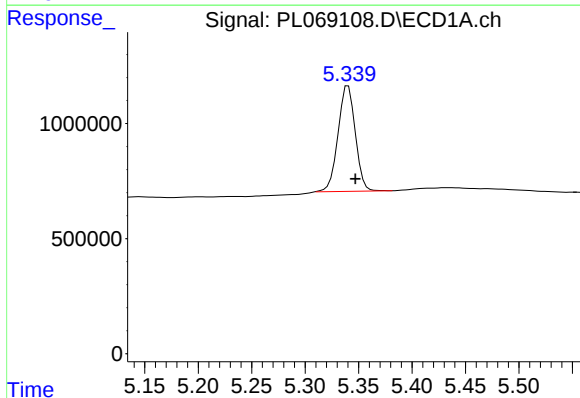
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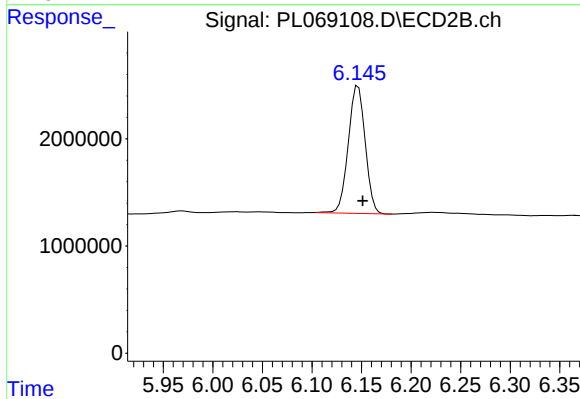
#1 Tetrachloro-m-xylene

R.T.: 5.567 min  
Delta R.T.: -0.004 min  
Response: 22810073  
Conc: 22.47 ng/ml



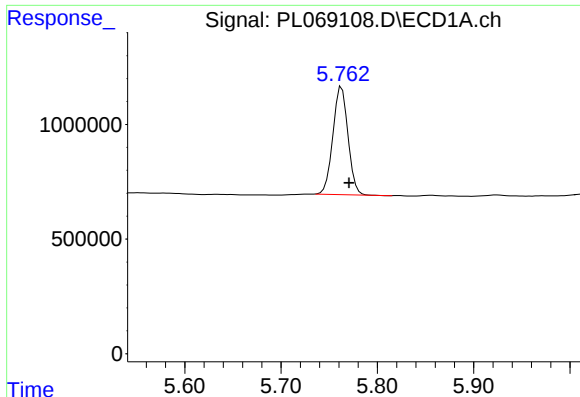
#2 alpha-BHC

R.T.: 5.340 min  
Delta R.T.: -0.007 min  
Response: 5157969  
Conc: 9.32 ng/ml



#2 alpha-BHC

R.T.: 6.147 min  
Delta R.T.: -0.005 min  
Response: 14145550  
Conc: 10.39 ng/ml



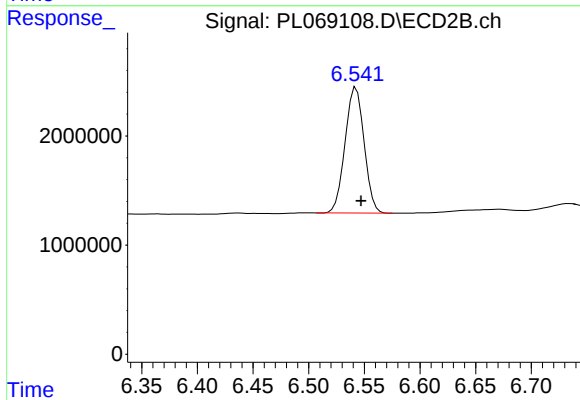
#3 gamma-BHC (Lindane)

R.T.: 5.763 min  
Delta R.T.: -0.007 min  
Response: 5117886  
Conc: 9.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

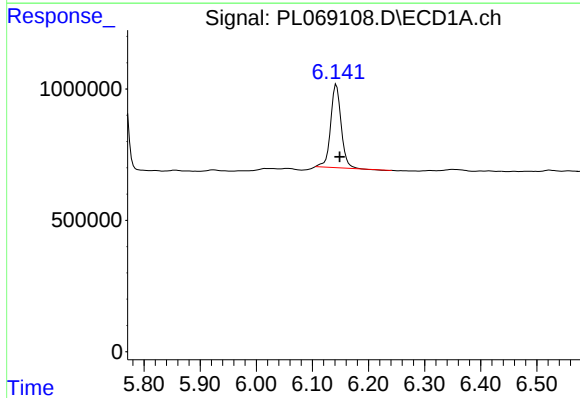
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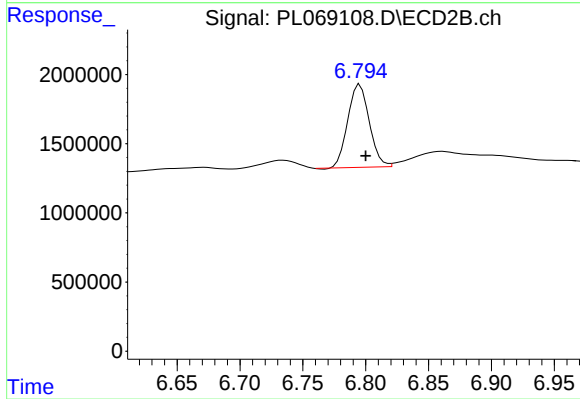
#3 gamma-BHC (Lindane)

R.T.: 6.543 min  
Delta R.T.: -0.004 min  
Response: 13719823  
Conc: 10.54 ng/ml



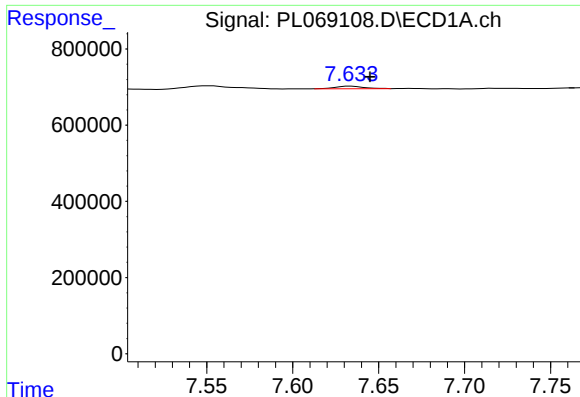
#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: -0.006 min  
Response: 4096243  
Conc: 14.53 ng/ml



#6 beta-BHC

R.T.: 6.795 min  
Delta R.T.: -0.005 min  
Response: 7130426  
Conc: 11.01 ng/ml



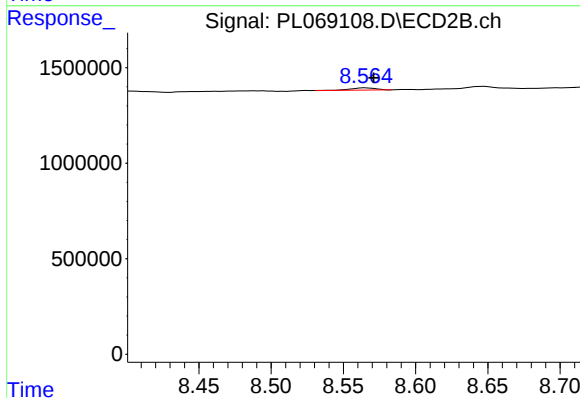
#12 4,4'-DDE

R.T.: 7.633 min  
Delta R.T.: -0.012 min  
Response: 76153  
Conc: 0.16 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

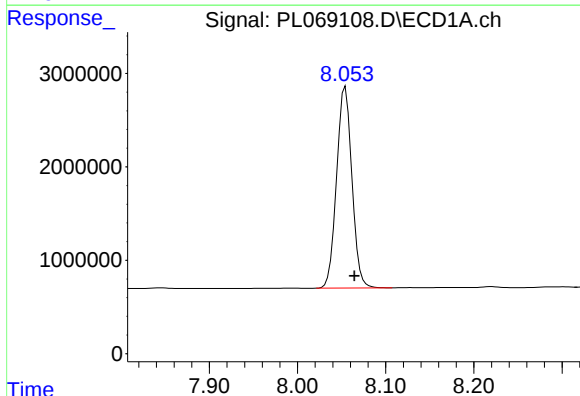
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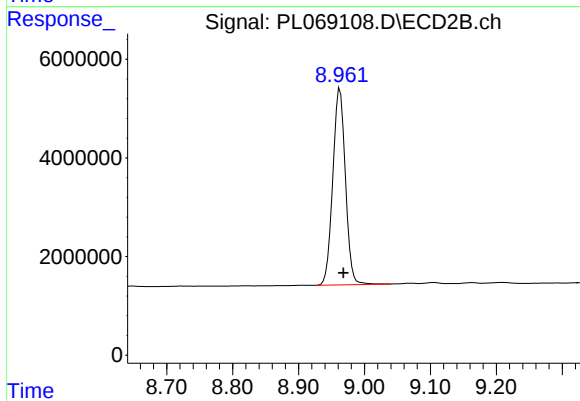
#12 4,4'-DDE

R.T.: 8.565 min  
Delta R.T.: -0.006 min  
Response: 134399  
Conc: 0.13 ng/ml



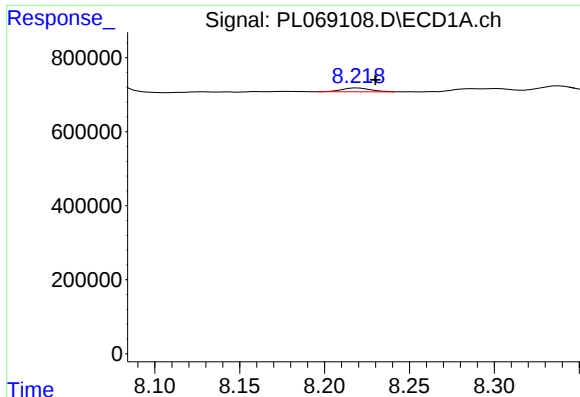
#14 Endrin

R.T.: 8.054 min  
Delta R.T.: -0.010 min  
Response: 26036259  
Conc: 54.03 ng/ml



#14 Endrin

R.T.: 8.963 min  
Delta R.T.: -0.005 min  
Response: 52895496  
Conc: 58.27 ng/ml



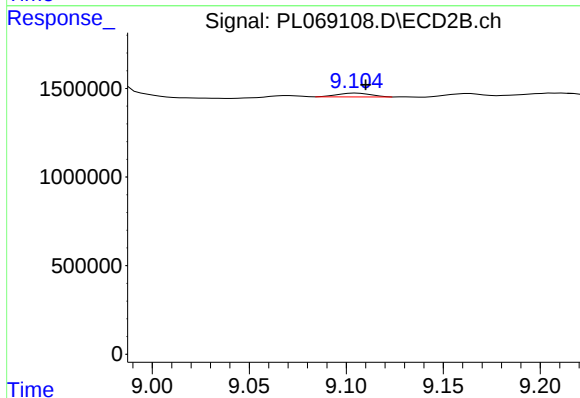
#16 4,4'-DDD

R.T.: 8.218 min  
Delta R.T.: -0.012 min  
Response: 122341  
Conc: 0.29 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

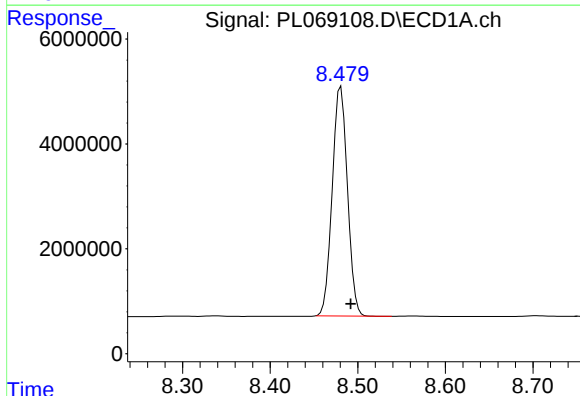
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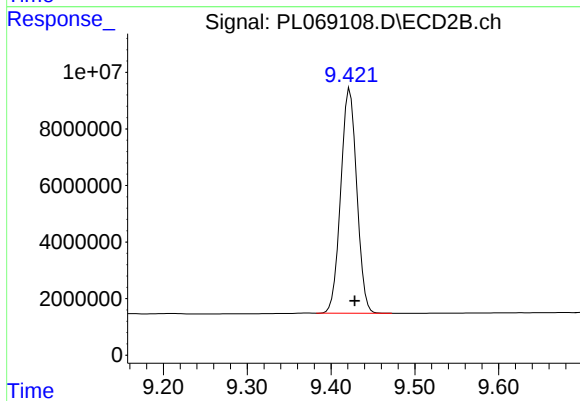
#16 4,4'-DDD

R.T.: 9.104 min  
Delta R.T.: -0.006 min  
Response: 258471  
Conc: 0.30 ng/ml m



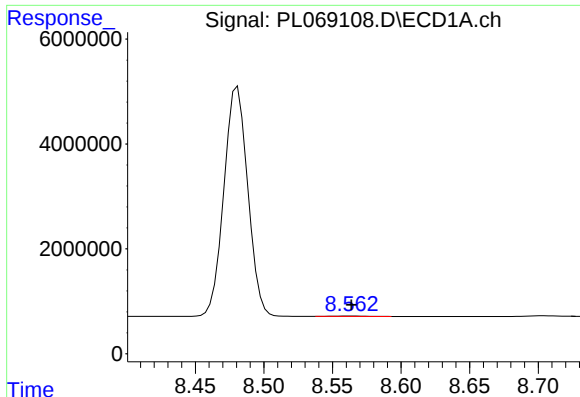
#17 4,4'-DDT

R.T.: 8.481 min  
Delta R.T.: -0.011 min  
Response: 52886606  
Conc: 108.90 ng/ml



#17 4,4'-DDT

R.T.: 9.422 min  
Delta R.T.: -0.006 min  
Response: 105686187  
Conc: 111.67 ng/ml



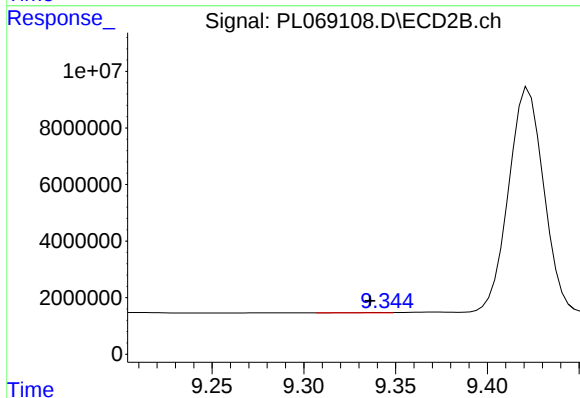
#18 Endrin aldehyde

R.T.: 8.562 min  
Delta R.T.: -0.002 min  
Response: 132201  
Conc: 0.35 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

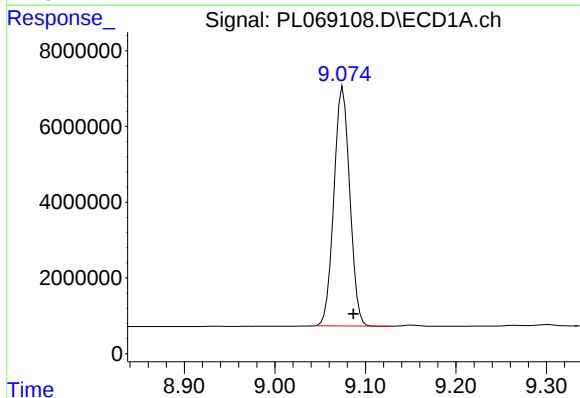
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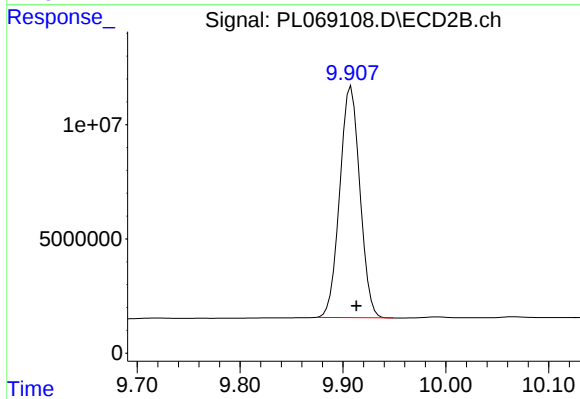
#18 Endrin aldehyde

R.T.: 9.344 min  
Delta R.T.: 0.008 min  
Response: 190881  
Conc: 0.27 ng/ml m



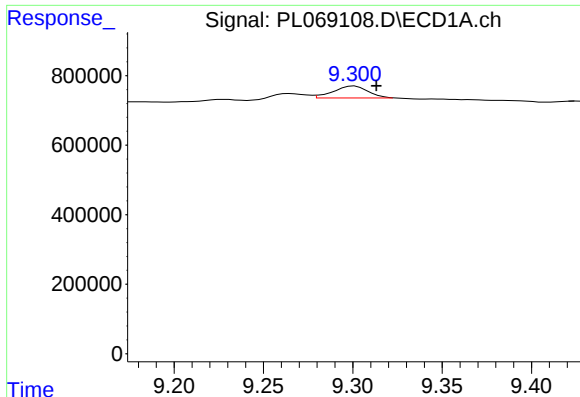
#20 Methoxychlor

R.T.: 9.075 min  
Delta R.T.: -0.011 min  
Response: 76806035  
Conc: 245.35 ng/ml



#20 Methoxychlor

R.T.: 9.908 min  
Delta R.T.: -0.005 min  
Response: 137673692  
Conc: 264.56 ng/ml



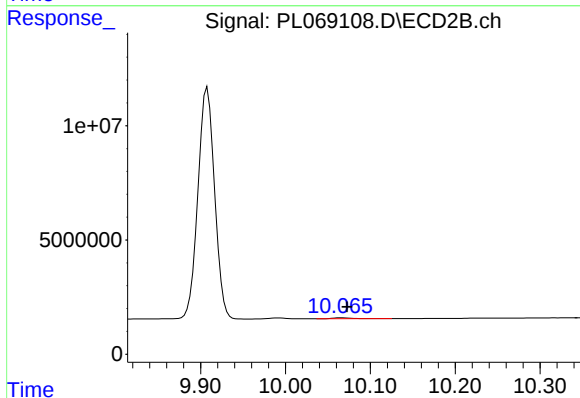
#21 Endrin ketone

R.T.: 9.300 min  
Delta R.T.: -0.013 min  
Response: 458828  
Conc: 0.78 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

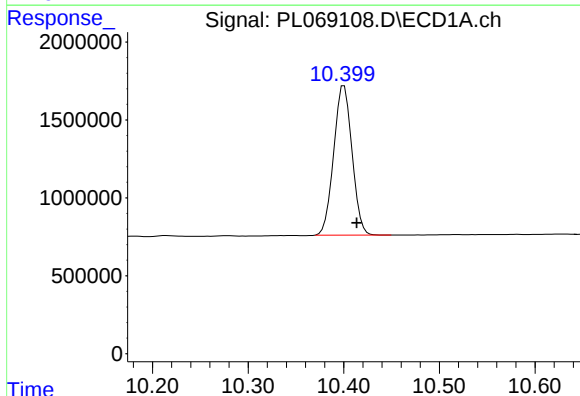
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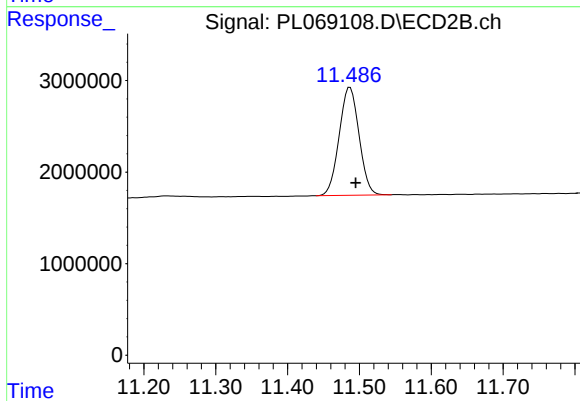
#21 Endrin ketone

R.T.: 10.066 min  
Delta R.T.: -0.006 min  
Response: 669833  
Conc: 0.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.400 min  
Delta R.T.: -0.013 min  
Response: 12765955  
Conc: 22.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.487 min  
Delta R.T.: -0.008 min  
Response: 22601011  
Conc: 23.29 ng/ml