

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022322\  
 Data File : PL072925.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2022 09:06  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/24/2022  
 Supervised By : Ankita Jodhani 02/24/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 24 00:11:45 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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... | 4.552  | 5.489  | 10314231 | 37535291 | 21.421  | 21.730  |
| 28)                         | SA Decachlor... | 10.313 | 11.381 | 17082494 | 36983284 | 22.564  | 23.322  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.258  | 6.070  | 6518785  | 24461309 | 9.887   | 10.215  |
| 3)                          | MA gamma-BHC... | 5.681  | 6.466  | 6234360  | 23644648 | 9.920   | 10.269  |
| 6)                          | B beta-BHC      | 6.065  | 6.727  | 3502770  | 12794630 | 14.136m | 12.551  |
| 12)                         | B 4,4'-DDE      | 7.549  | 8.489  | 134857   | 463913   | 0.222   | 0.248m  |
| 14)                         | MA Endrin       | 7.968  | 8.883  | 34324851 | 90513412 | 58.594  | 57.445  |
| 16)                         | A 4,4'-DDD      | 8.136  | 9.031  | 2859808  | 8739411  | 5.944   | 6.316   |
| 17)                         | MA 4,4'-DDT     | 8.397  | 9.347  | 60439283 | 156.6E6  | 112.324 | 102.291 |
| 18)                         | B Endrin al...  | 8.471  | 9.255  | 347815   | 667595   | 0.798m  | 0.593 # |
| 20)                         | A Methoxychlor  | 8.993  | 9.836  | 87419657 | 204.3E6  | 248.617 | 252.290 |
| 21)                         | B Endrin ke...  | 9.216  | 9.989  | 1239146  | 2773392  | 1.803m  | 1.741   |
| -----                       |                 |        |        |          |          |         |         |

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

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Acq On : 23 Feb 2022 09:06  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

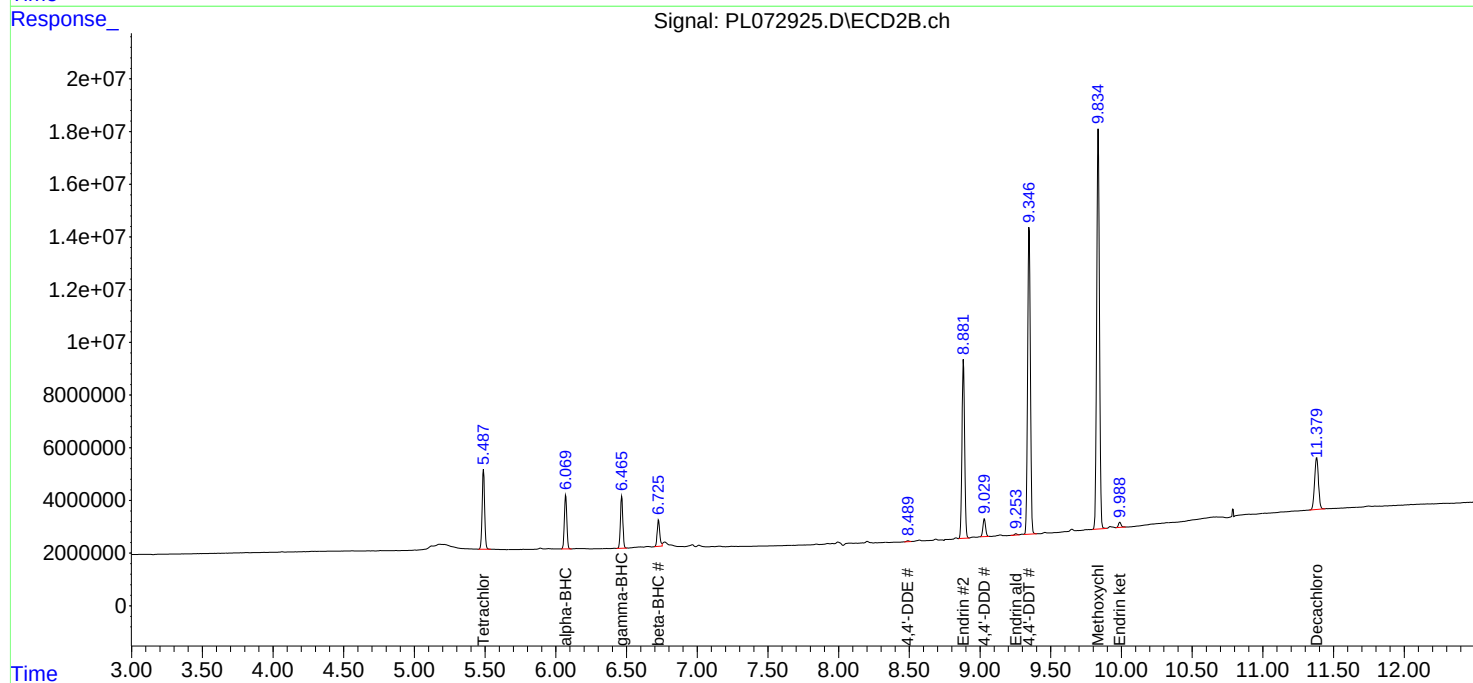
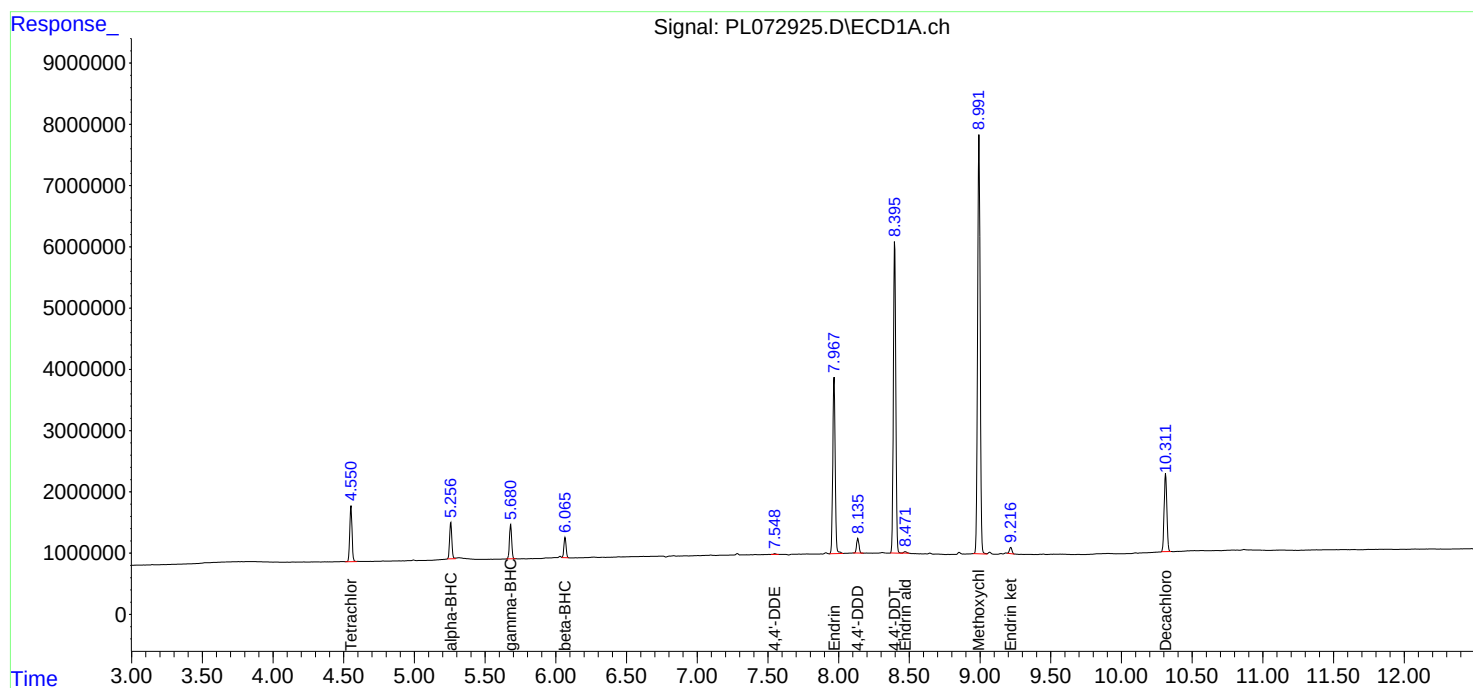
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

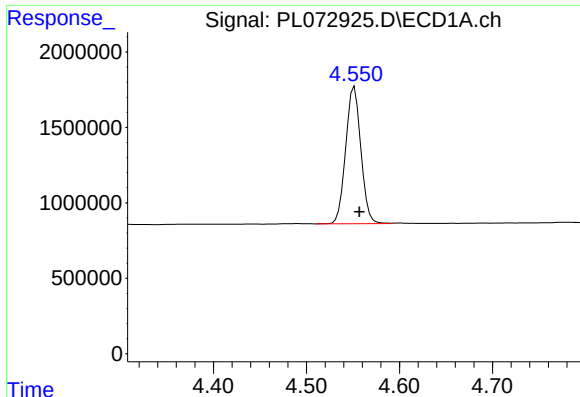
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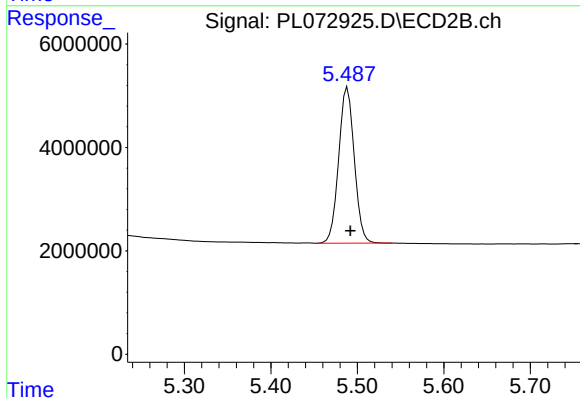
#1 Tetrachloro-m-xylene

R.T.: 4.552 min  
Delta R.T.: -0.005 min  
Response: 10314231  
Conc: 21.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

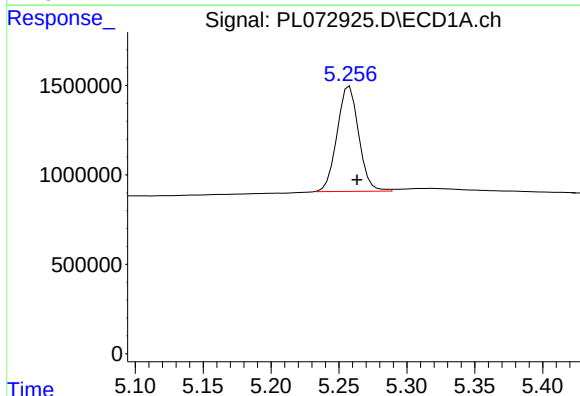
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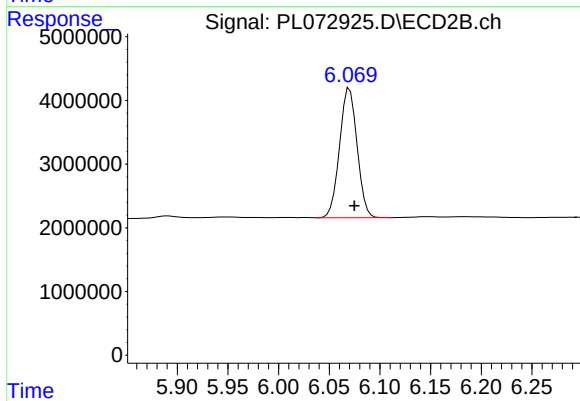
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 37535291  
Conc: 21.73 ng/ml



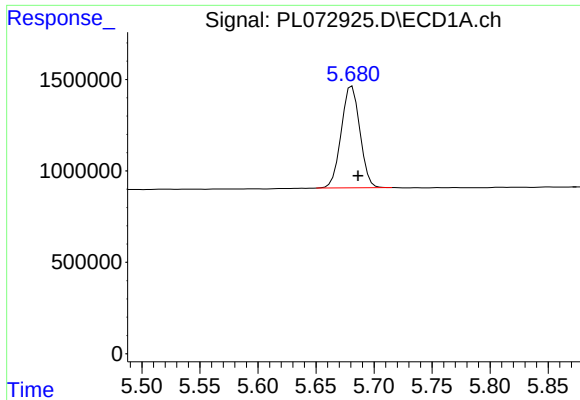
#2 alpha-BHC

R.T.: 5.258 min  
Delta R.T.: -0.005 min  
Response: 6518785  
Conc: 9.89 ng/ml



#2 alpha-BHC

R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 24461309  
Conc: 10.21 ng/ml



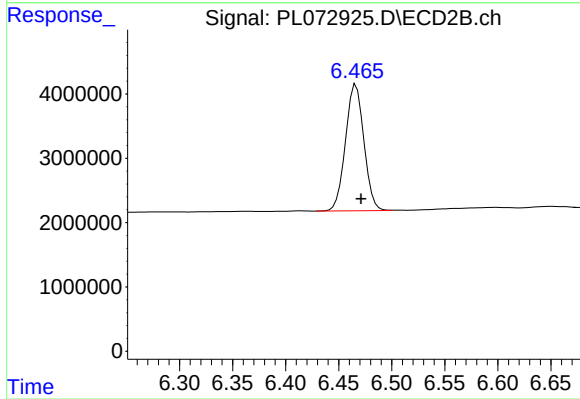
#3 gamma-BHC (Lindane)

R.T.: 5.681 min  
Delta R.T.: -0.005 min  
Response: 6234360  
Conc: 9.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

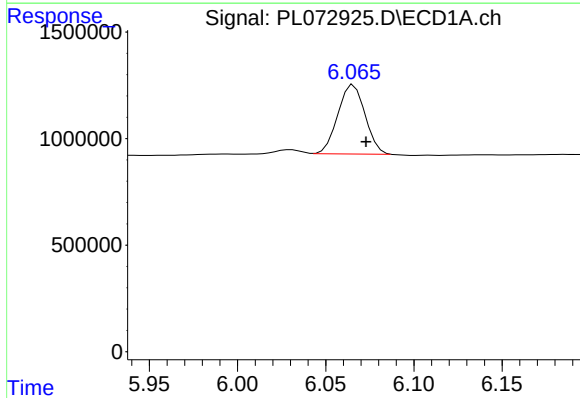
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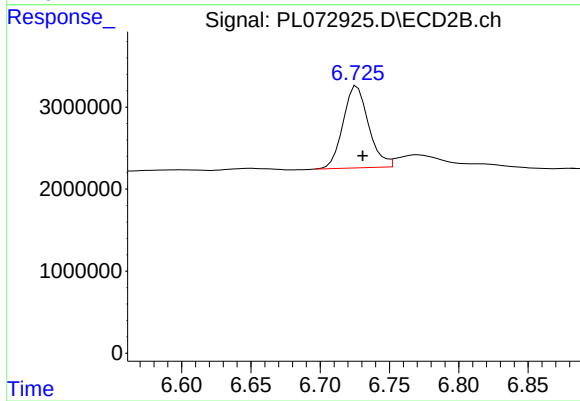
#3 gamma-BHC (Lindane)

R.T.: 6.466 min  
Delta R.T.: -0.005 min  
Response: 23644648  
Conc: 10.27 ng/ml



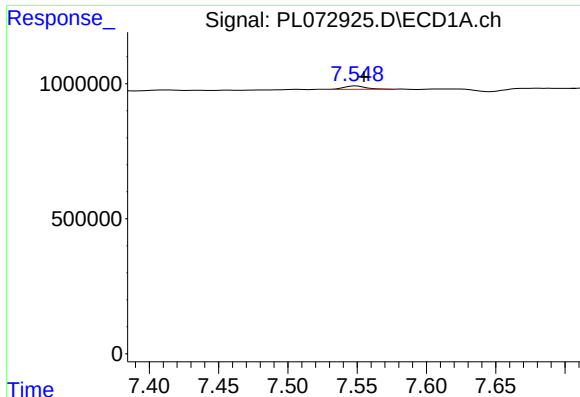
#6 beta-BHC

R.T.: 6.065 min  
Delta R.T.: -0.008 min  
Response: 3502770  
Conc: 14.14 ng/ml m



#6 beta-BHC

R.T.: 6.727 min  
Delta R.T.: -0.004 min  
Response: 12794630  
Conc: 12.55 ng/ml



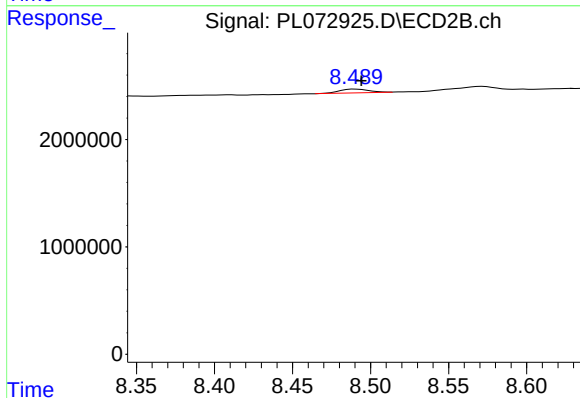
#12 4,4'-DDE

R.T.: 7.549 min  
Delta R.T.: -0.006 min  
Response: 134857  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

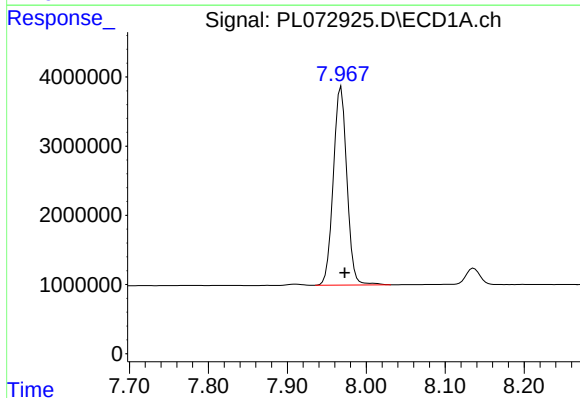
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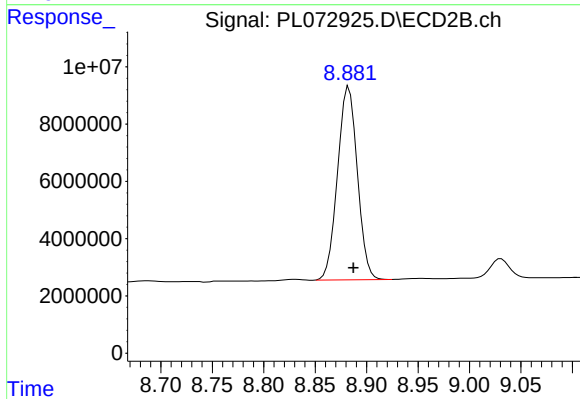
#12 4,4'-DDE

R.T.: 8.489 min  
Delta R.T.: -0.005 min  
Response: 463913  
Conc: 0.25 ng/ml m



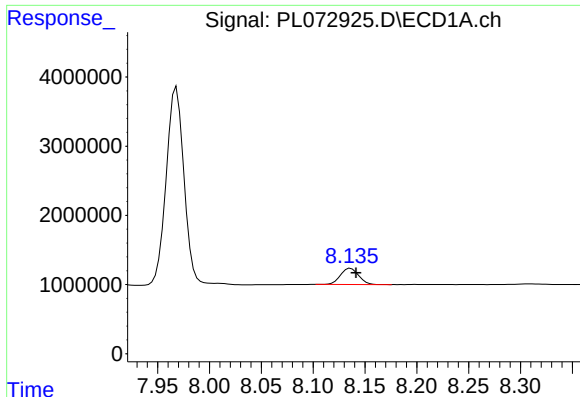
#14 Endrin

R.T.: 7.968 min  
Delta R.T.: -0.005 min  
Response: 34324851  
Conc: 58.59 ng/ml



#14 Endrin

R.T.: 8.883 min  
Delta R.T.: -0.004 min  
Response: 90513412  
Conc: 57.45 ng/ml



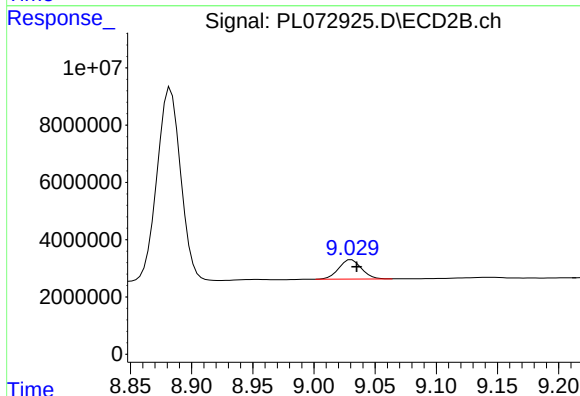
#16 4,4'-DDD

R.T.: 8.136 min  
Delta R.T.: -0.005 min  
Response: 2859808  
Conc: 5.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

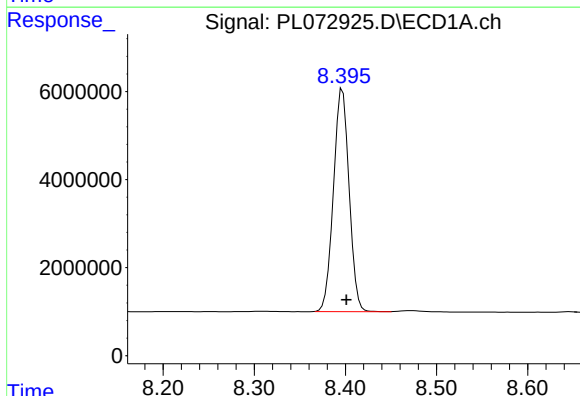
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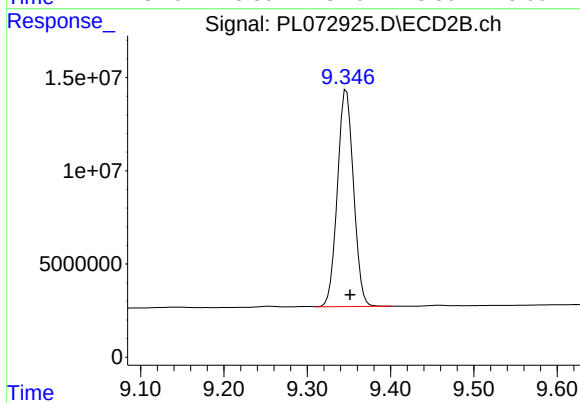
#16 4,4'-DDD

R.T.: 9.031 min  
Delta R.T.: -0.004 min  
Response: 8739411  
Conc: 6.32 ng/ml



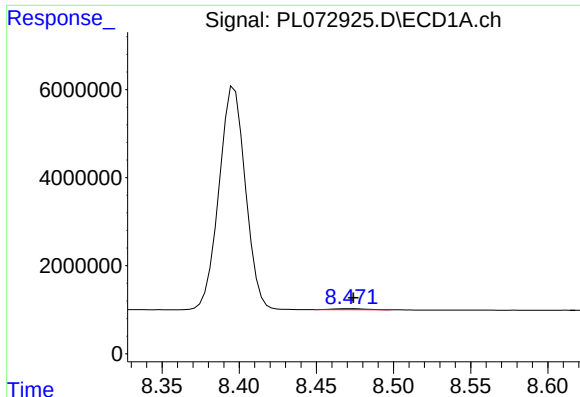
#17 4,4'-DDT

R.T.: 8.397 min  
Delta R.T.: -0.004 min  
Response: 60439283  
Conc: 112.32 ng/ml



#17 4,4'-DDT

R.T.: 9.347 min  
Delta R.T.: -0.004 min  
Response: 156592921  
Conc: 102.29 ng/ml



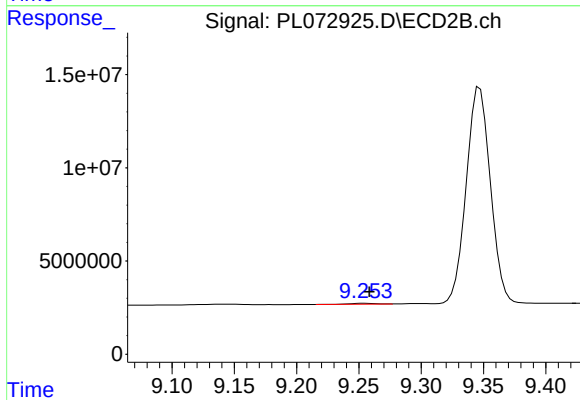
#18 Endrin aldehyde

R.T.: 8.471 min  
Delta R.T.: -0.003 min  
Response: 347815  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

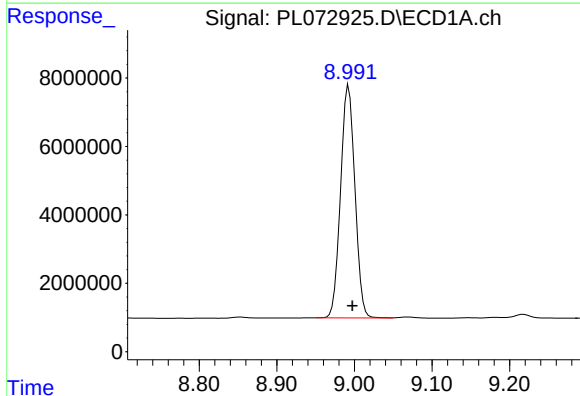
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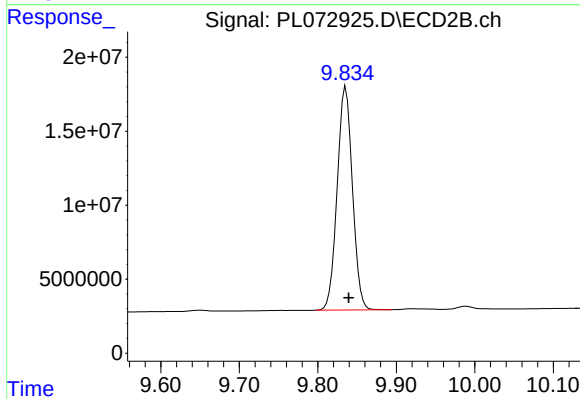
#18 Endrin aldehyde

R.T.: 9.255 min  
Delta R.T.: -0.004 min  
Response: 667595  
Conc: 0.59 ng/ml



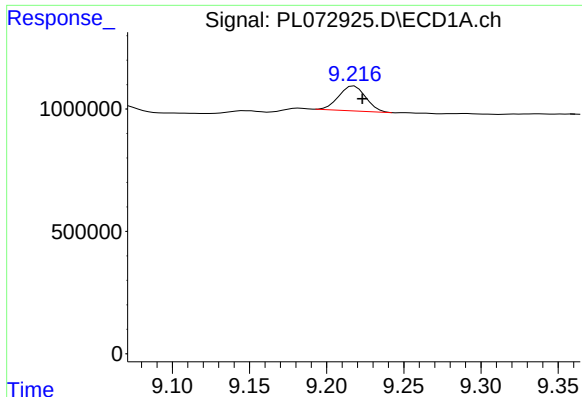
#20 Methoxychlor

R.T.: 8.993 min  
Delta R.T.: -0.005 min  
Response: 87419657  
Conc: 248.62 ng/ml



#20 Methoxychlor

R.T.: 9.836 min  
Delta R.T.: -0.004 min  
Response: 204267765  
Conc: 252.29 ng/ml



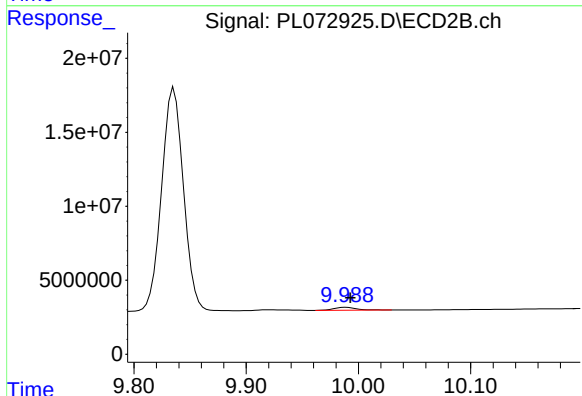
#21 Endrin ketone

R.T.: 9.216 min  
Delta R.T.: -0.007 min  
Response: 1239146  
Conc: 1.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

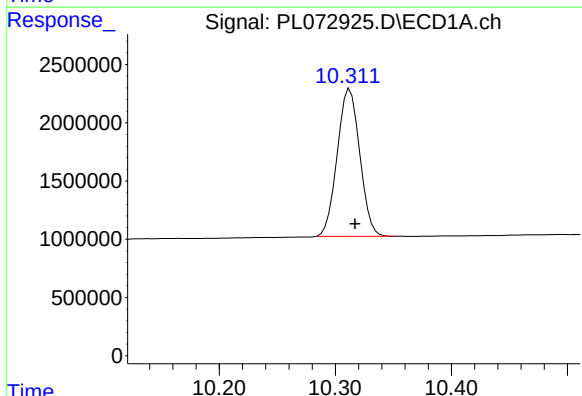
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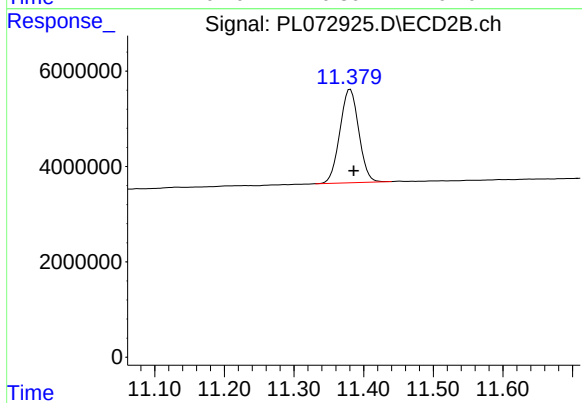
#21 Endrin ketone

R.T.: 9.989 min  
Delta R.T.: -0.004 min  
Response: 2773392  
Conc: 1.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.313 min  
Delta R.T.: -0.004 min  
Response: 17082494  
Conc: 22.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.381 min  
Delta R.T.: -0.005 min  
Response: 36983284  
Conc: 23.32 ng/ml