

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042222\  
 Data File : PL074292.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2022 10:12  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/25/2022  
 Supervised By : mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 23:04:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 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... | 4.636  | 5.484  | 6704601  | 33743692 | 20.750  | 18.926  |
| 28)                         | SA Decachlor... | 10.401 | 11.328 | 10121658 | 34783842 | 19.464m | 19.693  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.341  | 6.047  | 3824056  | 21509119 | 9.112   | 8.542   |
| 3)                          | MA gamma-BHC... | 5.763  | 6.437  | 3851369  | 20536277 | 9.183   | 8.676   |
| 6)                          | B beta-BHC      | 6.143  | 6.674  | 2125770  | 11525760 | 10.404  | 10.227  |
| 12)                         | B 4,4'-DDE      | 7.634  | 8.457  | 107893   | 479409   | 0.296   | 0.241m  |
| 14)                         | MA Endrin       | 8.054  | 8.842  | 18157348 | 83762091 | 44.697  | 49.456  |
| 16)                         | A 4,4'-DDD      | 8.220  | 8.984  | 544998   | 2718842  | 1.688   | 1.767m  |
| 17)                         | MA 4,4'-DDT     | 8.482  | 9.304  | 32533492 | 152.8E6  | 88.014  | 86.222  |
| 18)                         | B Endrin al...  | 8.556  | 9.198  | 172092   | 357380   | 0.532m  | 0.277m# |
| 20)                         | A Methoxychlor  | 9.078  | 9.784  | 48551482 | 191.6E6  | 195.560 | 199.229 |
| 21)                         | B Endrin ke...  | 9.304  | 9.925  | 803273   | 2411167  | 1.644   | 1.393   |
| -----                       |                 |        |        |          |          |         |         |

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

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Acq On : 22 Apr 2022 10:12  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

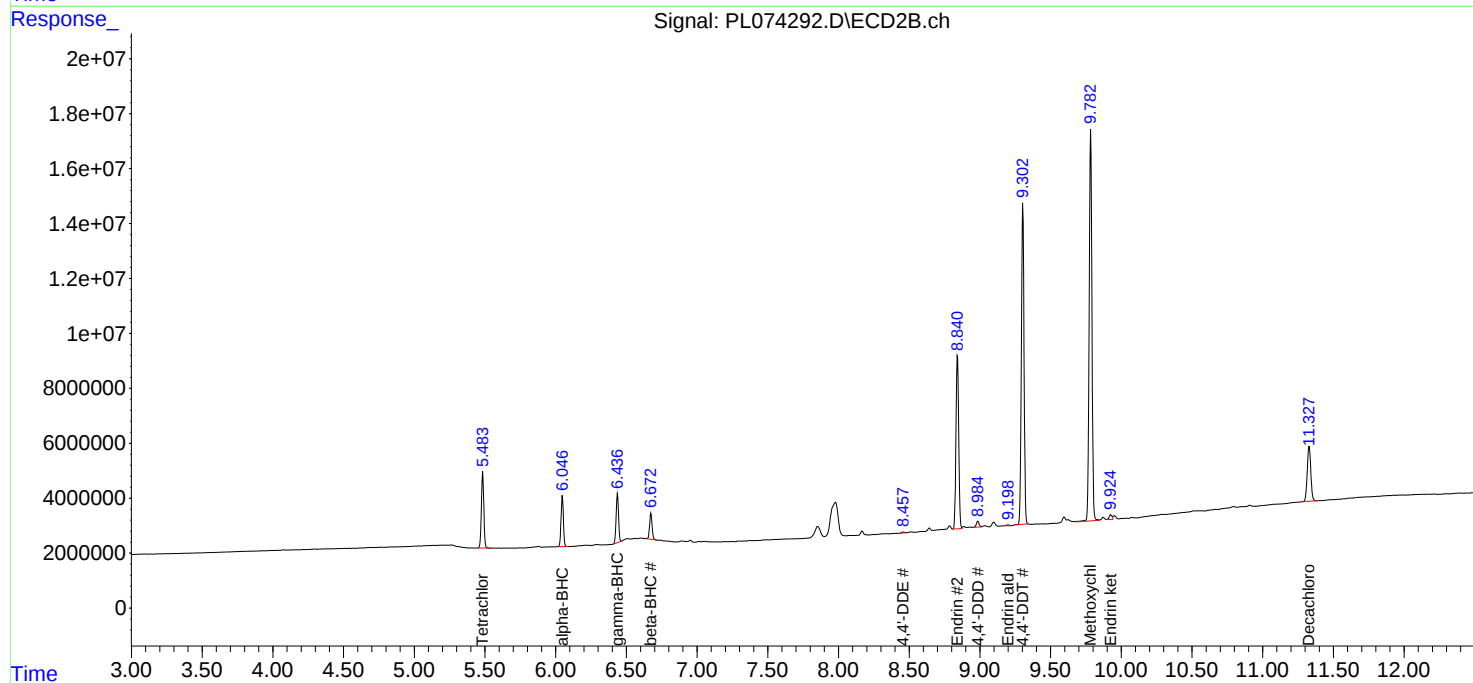
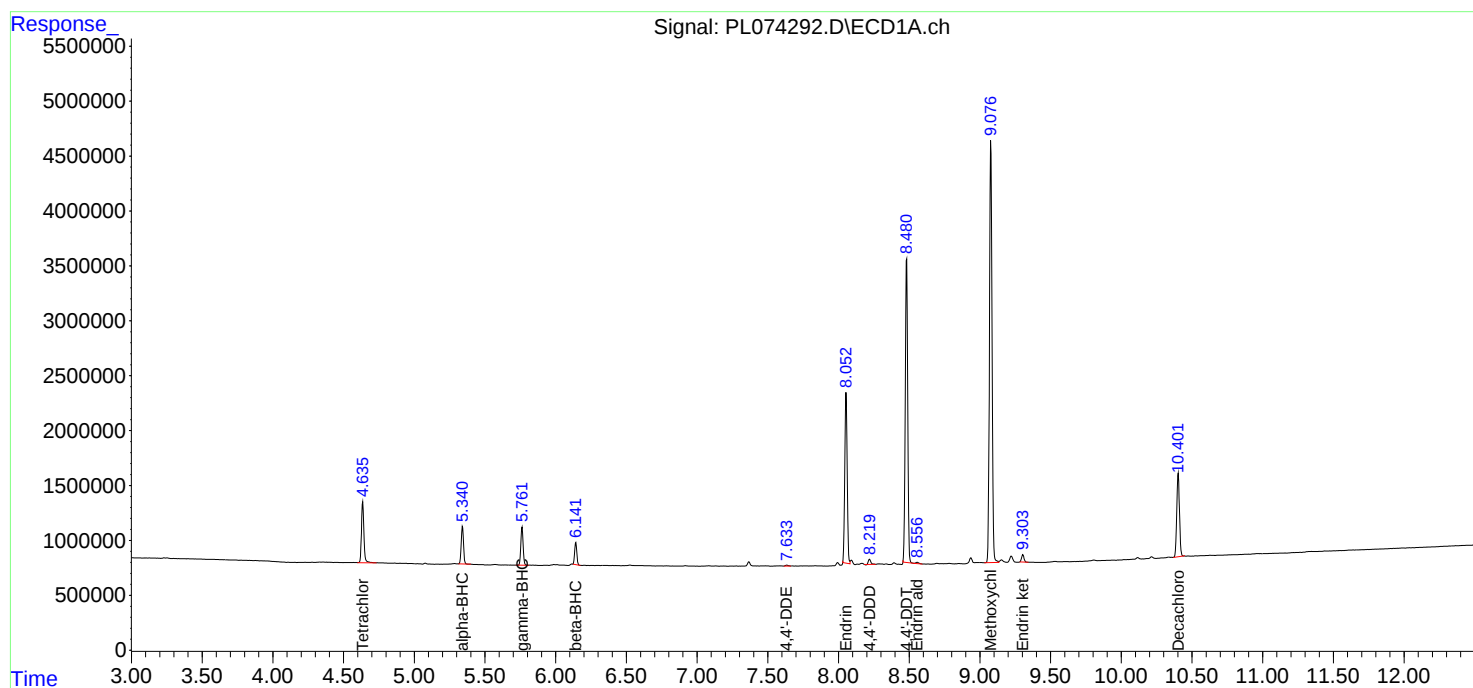
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

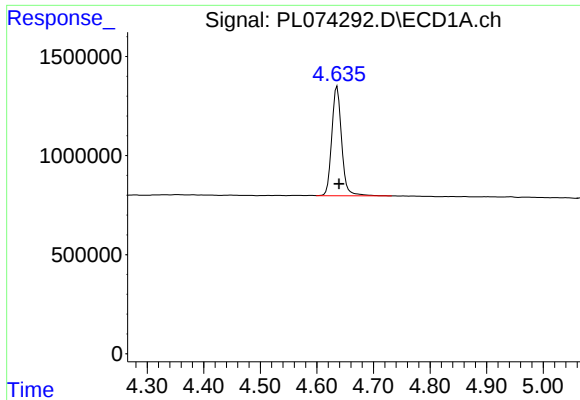
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Integration File signal 1: autoint1.e  
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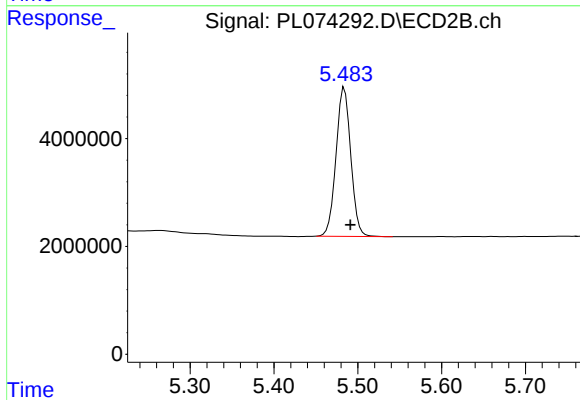
#1 Tetrachloro-m-xylene

R.T.: 4.636 min  
Delta R.T.: -0.003 min  
Response: 6704601  
Conc: 20.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

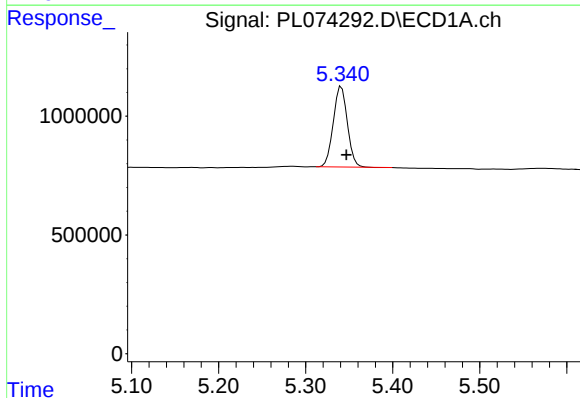
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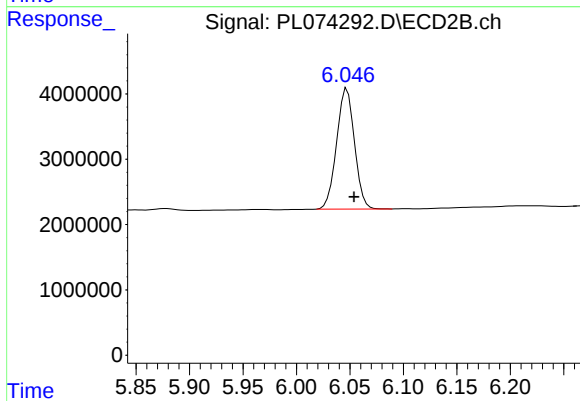
#1 Tetrachloro-m-xylene

R.T.: 5.484 min  
Delta R.T.: -0.007 min  
Response: 33743692  
Conc: 18.93 ng/ml



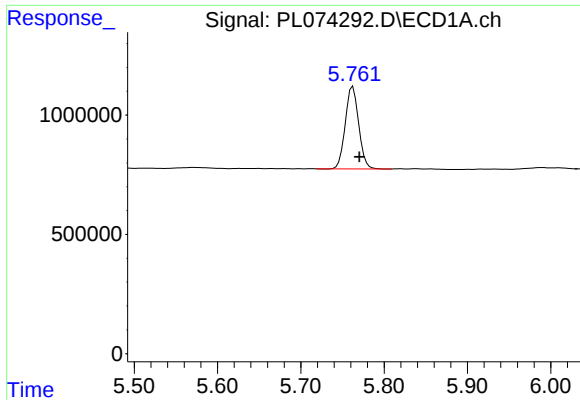
#2 alpha-BHC

R.T.: 5.341 min  
Delta R.T.: -0.006 min  
Response: 3824056  
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 6.047 min  
Delta R.T.: -0.007 min  
Response: 21509119  
Conc: 8.54 ng/ml



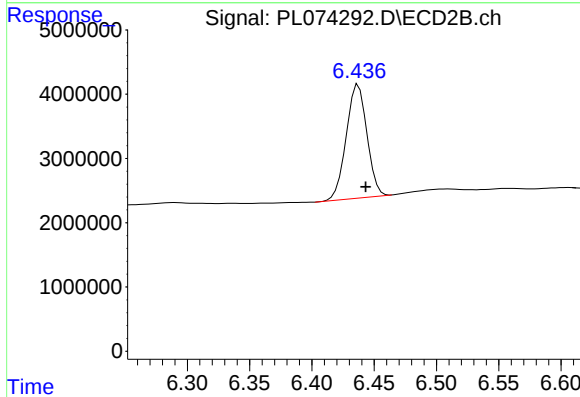
#3 gamma-BHC (Lindane)

R.T.: 5.763 min  
Delta R.T.: -0.008 min  
Response: 3851369  
Conc: 9.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

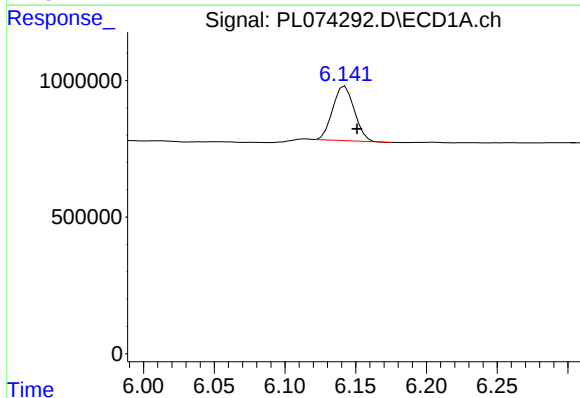
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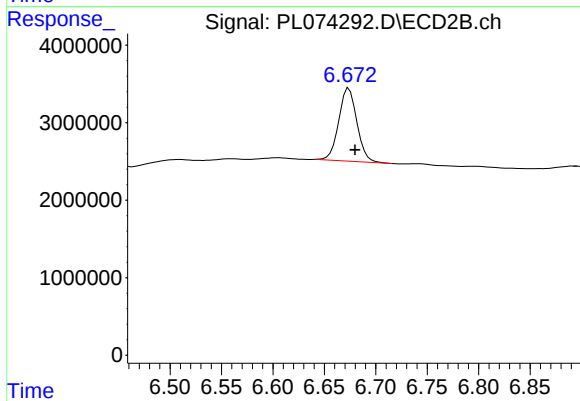
#3 gamma-BHC (Lindane)

R.T.: 6.437 min  
Delta R.T.: -0.006 min  
Response: 20536277  
Conc: 8.68 ng/ml



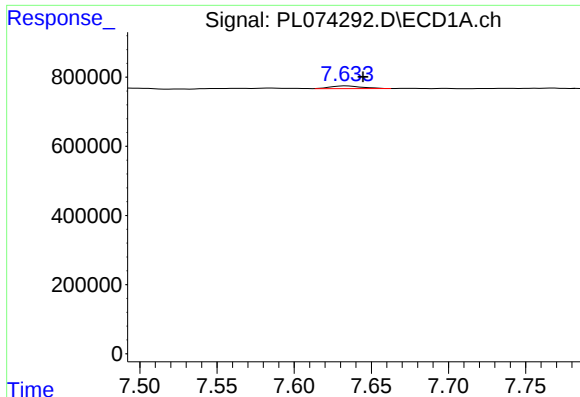
#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: -0.008 min  
Response: 2125770  
Conc: 10.40 ng/ml



#6 beta-BHC

R.T.: 6.674 min  
Delta R.T.: -0.006 min  
Response: 11525760  
Conc: 10.23 ng/ml



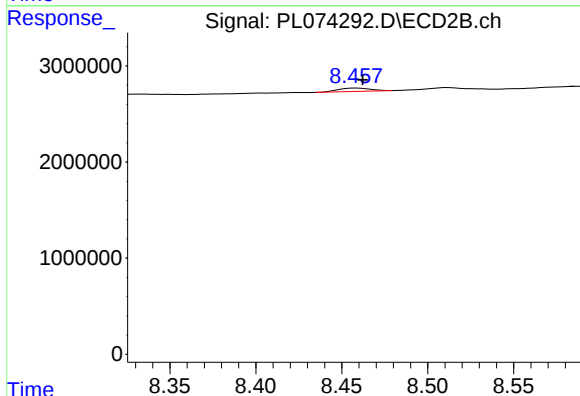
#12 4,4'-DDE

R.T.: 7.634 min  
Delta R.T.: -0.011 min  
Response: 107893  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

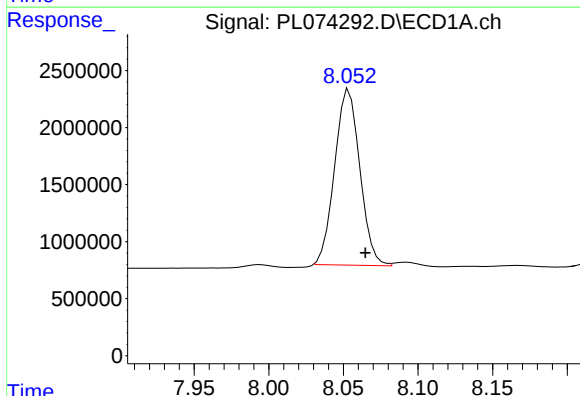
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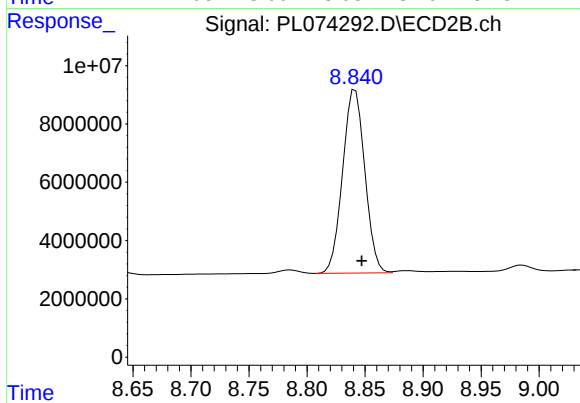
#12 4,4'-DDE

R.T.: 8.457 min  
Delta R.T.: -0.005 min  
Response: 479409  
Conc: 0.24 ng/ml m



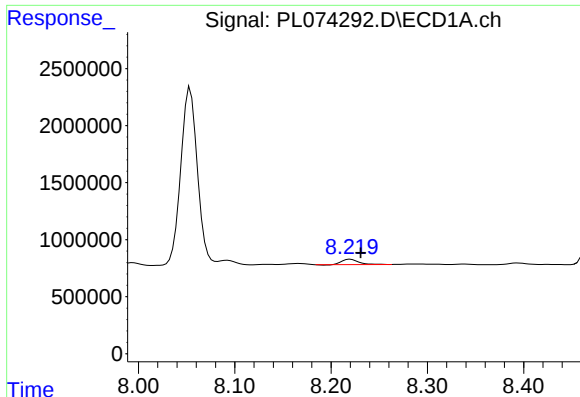
#14 Endrin

R.T.: 8.054 min  
Delta R.T.: -0.011 min  
Response: 18157348  
Conc: 44.70 ng/ml



#14 Endrin

R.T.: 8.842 min  
Delta R.T.: -0.006 min  
Response: 83762091  
Conc: 49.46 ng/ml



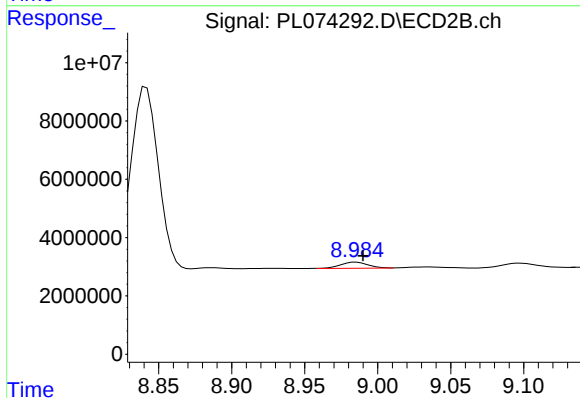
#16 4,4'-DDD

R.T.: 8.220 min  
Delta R.T.: -0.011 min  
Response: 544998  
Conc: 1.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

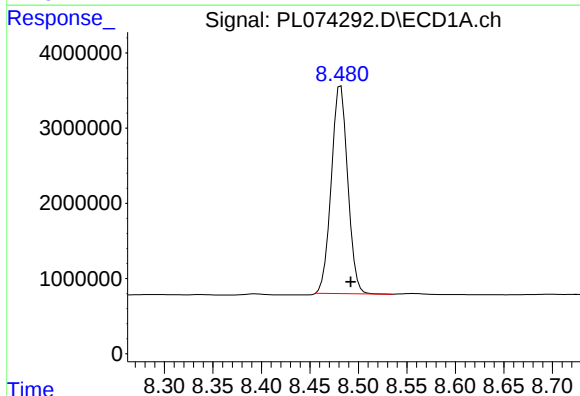
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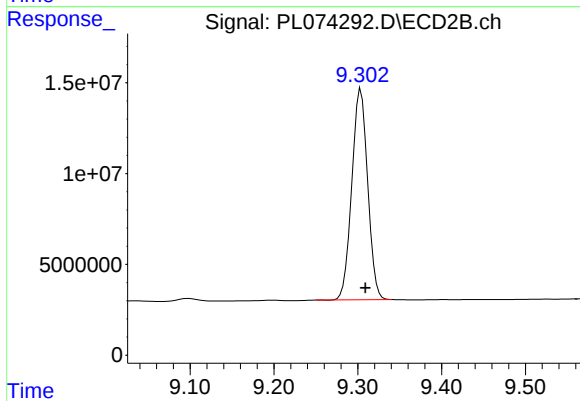
#16 4,4'-DDD

R.T.: 8.984 min  
Delta R.T.: -0.006 min  
Response: 2718842  
Conc: 1.77 ng/ml m



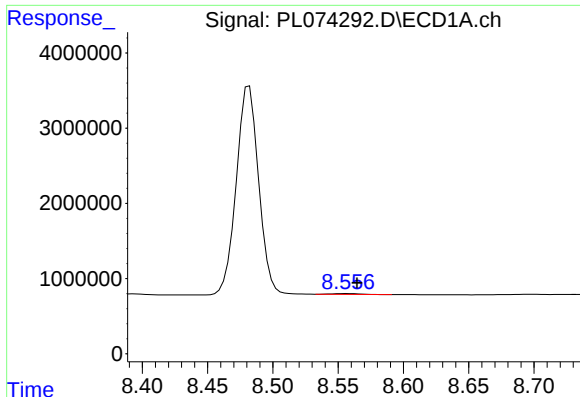
#17 4,4'-DDT

R.T.: 8.482 min  
Delta R.T.: -0.010 min  
Response: 32533492  
Conc: 88.01 ng/ml



#17 4,4'-DDT

R.T.: 9.304 min  
Delta R.T.: -0.005 min  
Response: 152842253  
Conc: 86.22 ng/ml



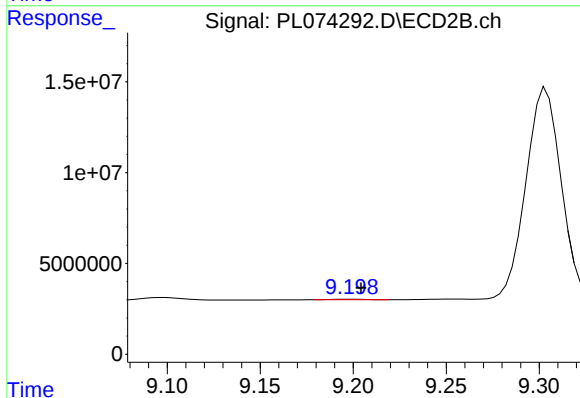
#18 Endrin aldehyde

R.T.: 8.556 min  
Delta R.T.: -0.009 min  
Response: 172092  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

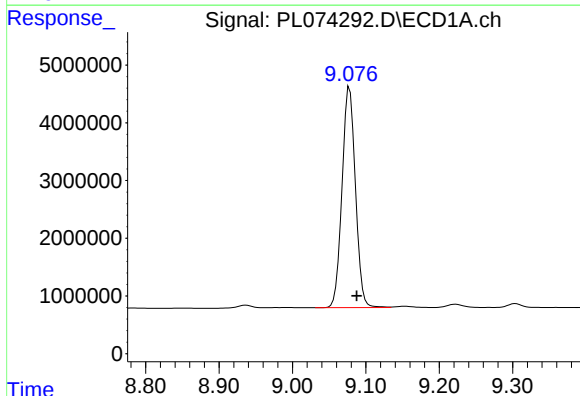
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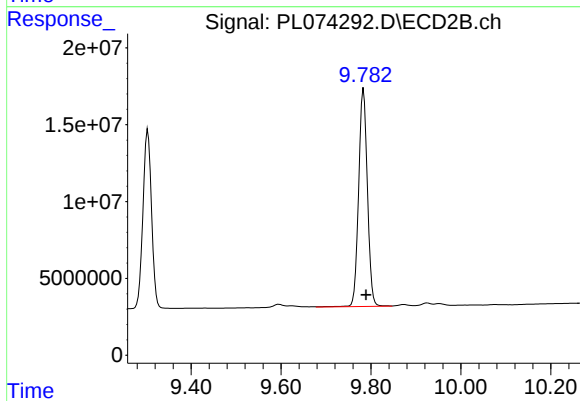
#18 Endrin aldehyde

R.T.: 9.198 min  
Delta R.T.: -0.007 min  
Response: 357380  
Conc: 0.28 ng/ml m



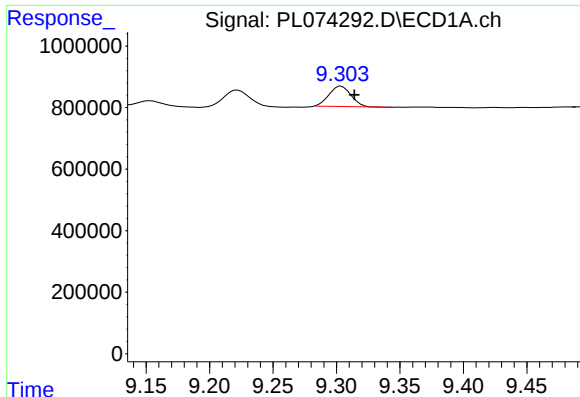
#20 Methoxychlor

R.T.: 9.078 min  
Delta R.T.: -0.010 min  
Response: 48551482  
Conc: 195.56 ng/ml



#20 Methoxychlor

R.T.: 9.784 min  
Delta R.T.: -0.006 min  
Response: 191627938  
Conc: 199.23 ng/ml



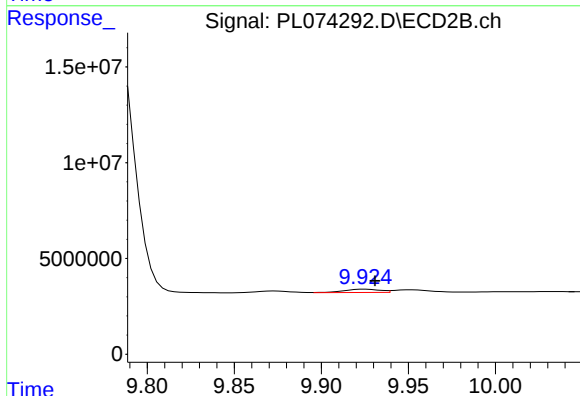
#21 Endrin ketone

R.T.: 9.304 min  
Delta R.T.: -0.010 min  
Response: 803273  
Conc: 1.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

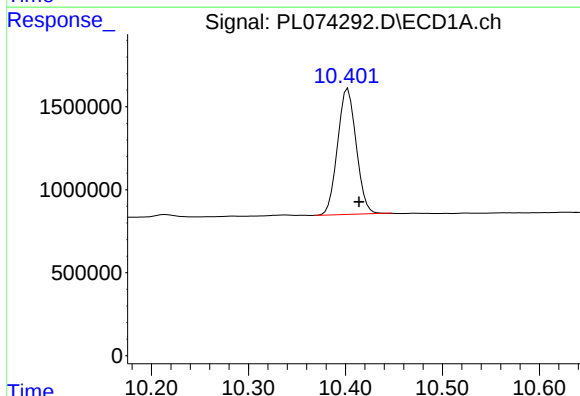
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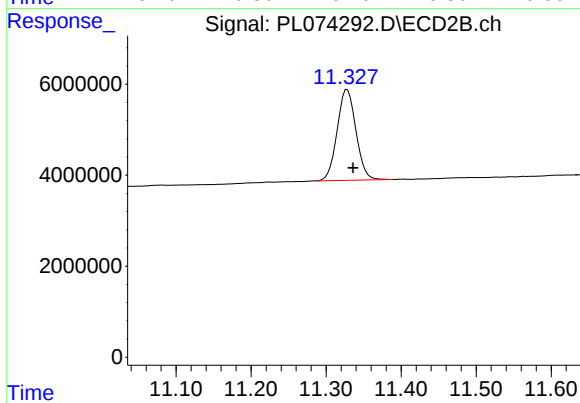
#21 Endrin ketone

R.T.: 9.925 min  
Delta R.T.: -0.006 min  
Response: 2411167  
Conc: 1.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.401 min  
Delta R.T.: -0.013 min  
Response: 10121658  
Conc: 19.46 ng/ml m



#28 Decachlorobiphenyl

R.T.: 11.328 min  
Delta R.T.: -0.008 min  
Response: 34783842  
Conc: 19.69 ng/ml