

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091721\  
 Data File : PL069887.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2021 09:58  
 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: Sep 18 01:40:57 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091021.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 13 17:55:23 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... | 4.630  | 5.568  | 9524526  | 28082804 | 23.378  | 23.071  |
| 28)                         | SA Decachlor... | 10.398 | 11.490 | 16012053 | 26983257 | 21.743  | 23.615  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.337  | 6.148  | 6094740  | 18531853 | 11.118  | 11.006  |
| 3)                          | MA gamma-BHC... | 5.760  | 6.545  | 6132081  | 17502940 | 10.741  | 10.843  |
| 6)                          | B beta-BHC      | 6.141  | 6.797  | 4076802  | 8933259  | 5.820   | 9.998m# |
| 12)                         | B 4,4'-DDE      | 7.633  | 8.565  | 226208   | 204114   | 0.399m  | 0.154m# |
| 14)                         | MA Endrin       | 8.052  | 8.967  | 34280386 | 66180362 | 57.572  | 58.736  |
| 16)                         | A 4,4'-DDD      | 8.217  | 9.109  | 282402   | 558286   | 0.572m  | 0.524m  |
| 17)                         | MA 4,4'-DDT     | 8.479  | 9.428  | 67149628 | 133.3E6  | 117.103 | 119.039 |
| 20)                         | A Methoxychlor  | 9.073  | 9.912  | 94522246 | 165.4E6  | 251.950 | 274.015 |
| 21)                         | B Endrin ke...  | 9.298  | 10.071 | 376562   | 643445   | 0.522m  | 0.522   |
| -----                       |                 |        |        |          |          |         |         |

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

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Acq On : 17 Sep 2021 09:58  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

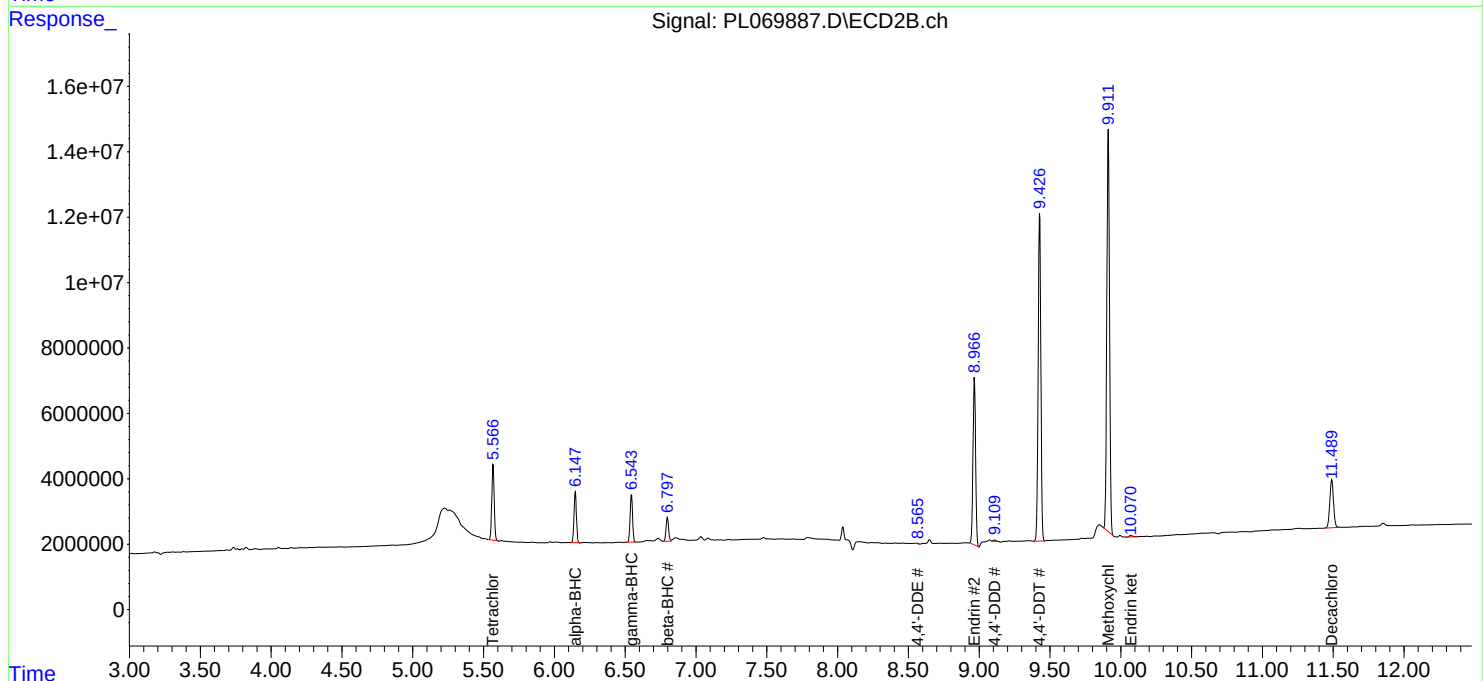
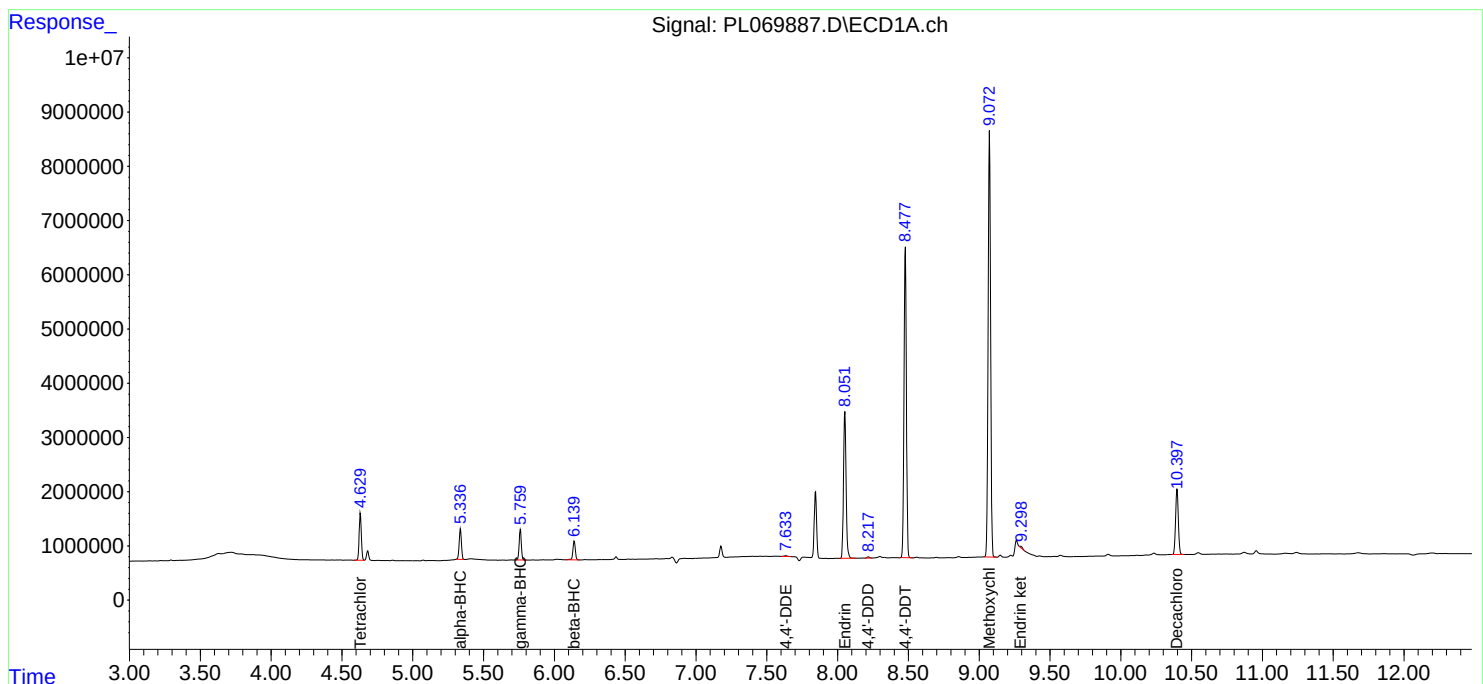
Instrument :  
ECD\_L  
ClientSampled :  
PEM

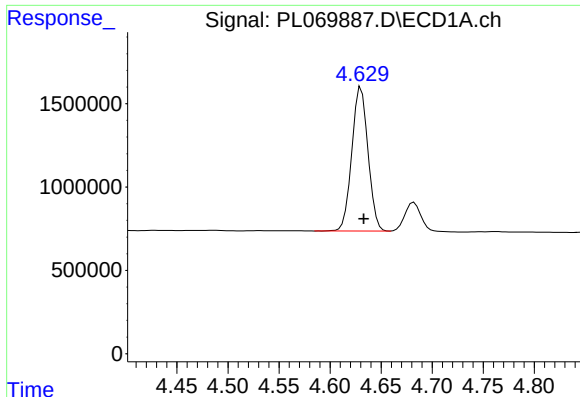
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 18 01:40:57 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091021.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 13 17:55:23 2021  
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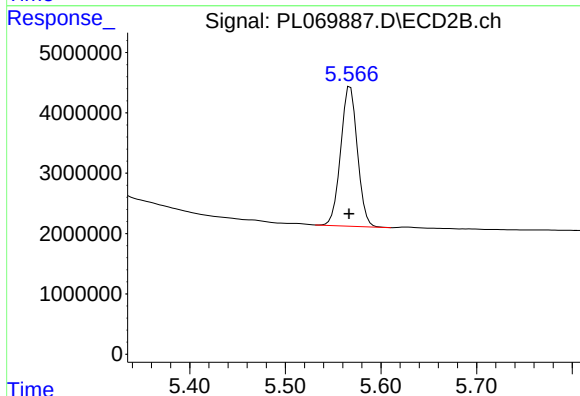
#1 Tetrachloro-m-xylene

R.T.: 4.630 min  
Delta R.T.: -0.003 min  
Response: 9524526  
Conc: 23.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

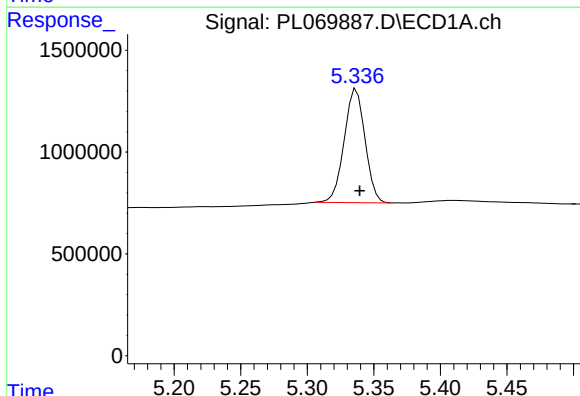
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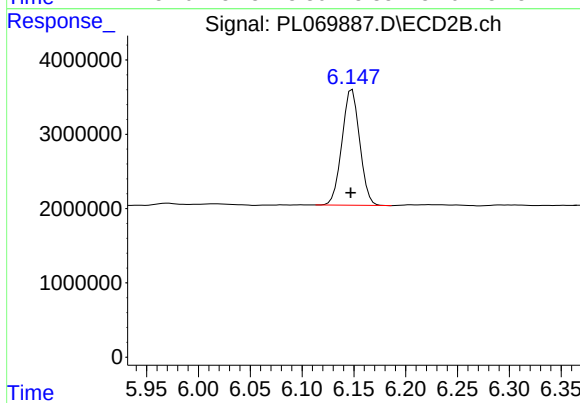
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: 0.001 min  
Response: 28082804  
Conc: 23.07 ng/ml



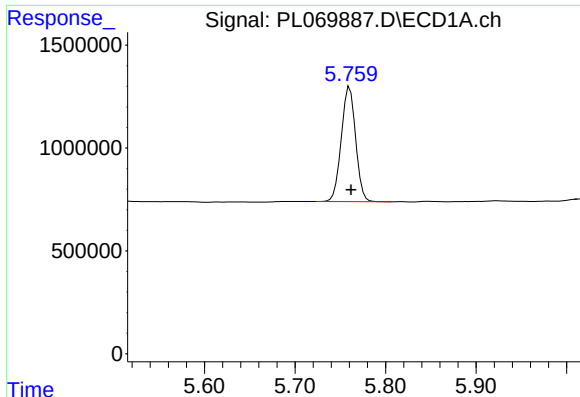
#2 alpha-BHC

R.T.: 5.337 min  
Delta R.T.: -0.002 min  
Response: 6094740  
Conc: 11.12 ng/ml



#2 alpha-BHC

R.T.: 6.148 min  
Delta R.T.: 0.001 min  
Response: 18531853  
Conc: 11.01 ng/ml



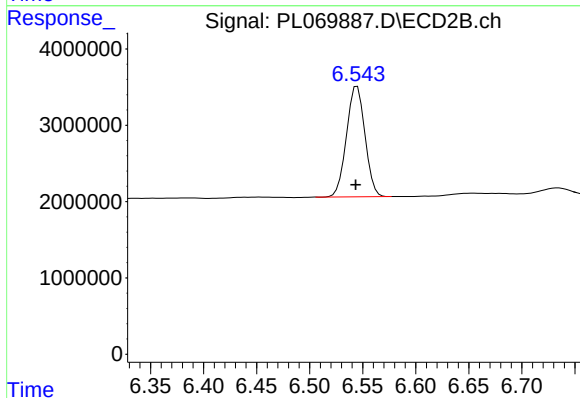
#3 gamma-BHC (Lindane)

R.T.: 5.760 min  
Delta R.T.: -0.001 min  
Response: 6132081  
Conc: 10.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

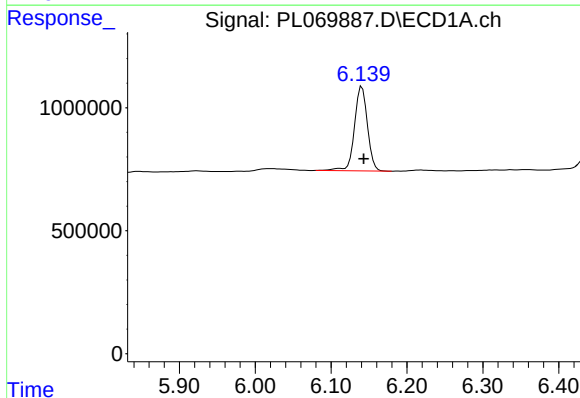
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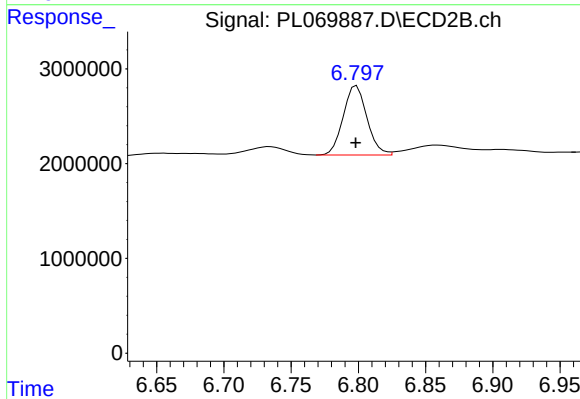
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: 0.001 min  
Response: 17502940  
Conc: 10.84 ng/ml



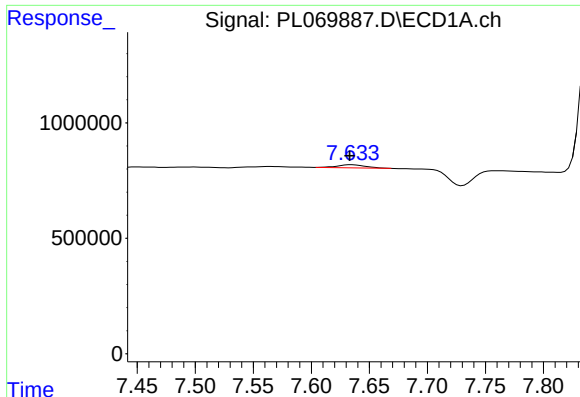
#6 beta-BHC

R.T.: 6.141 min  
Delta R.T.: -0.002 min  
Response: 4076802  
Conc: 5.82 ng/ml



#6 beta-BHC

R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 8933259  
Conc: 10.00 ng/ml m



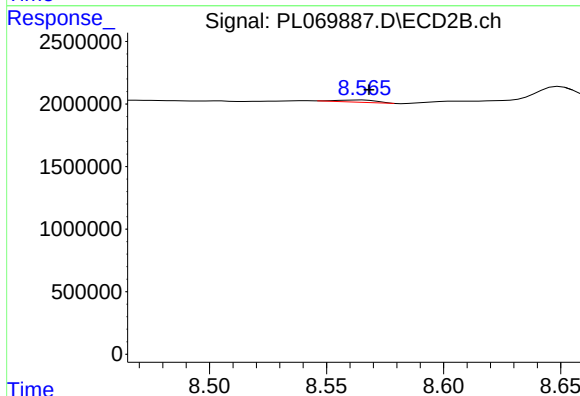
#12 4,4'-DDE

R.T.: 7.633 min  
Delta R.T.: 0.000 min  
Response: 226208  
Conc: 0.40 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

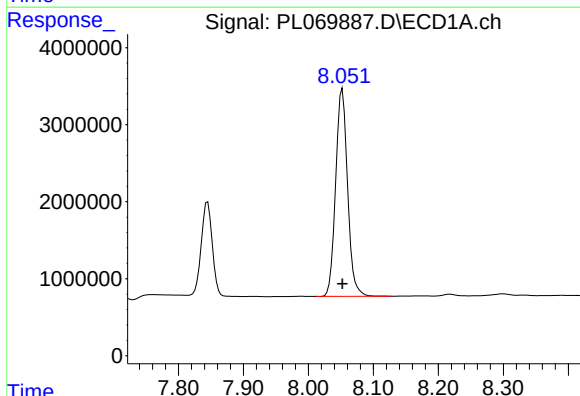
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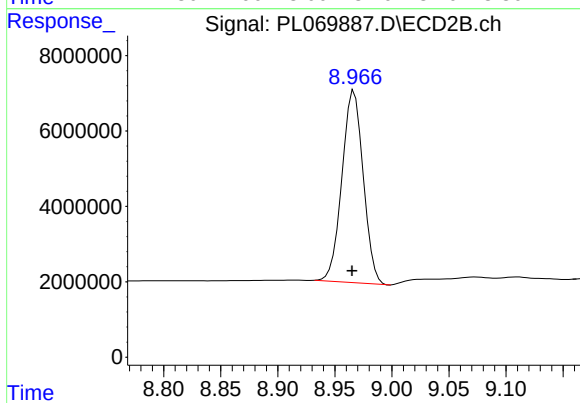
#12 4,4'-DDE

R.T.: 8.565 min  
Delta R.T.: -0.003 min  
Response: 204114  
Conc: 0.15 ng/ml m



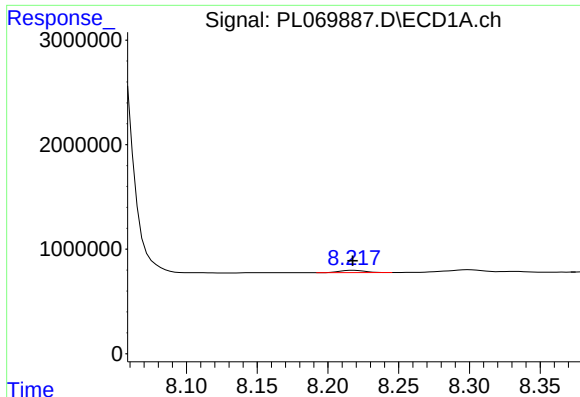
#14 Endrin

R.T.: 8.052 min  
Delta R.T.: 0.000 min  
Response: 34280386  
Conc: 57.57 ng/ml



#14 Endrin

R.T.: 8.967 min  
Delta R.T.: 0.002 min  
Response: 66180362  
Conc: 58.74 ng/ml



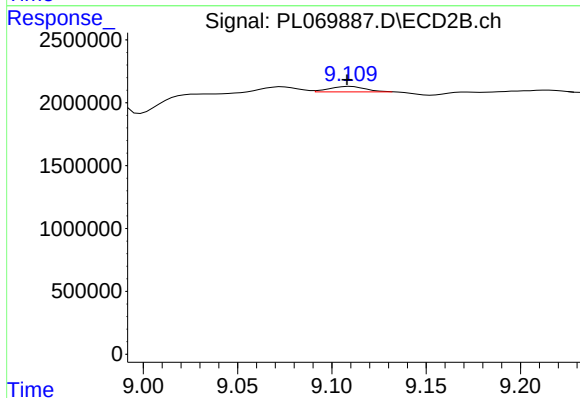
#16 4,4'-DDD

R.T.: 8.217 min  
Delta R.T.: 0.000 min  
Response: 282402  
Conc: 0.57 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

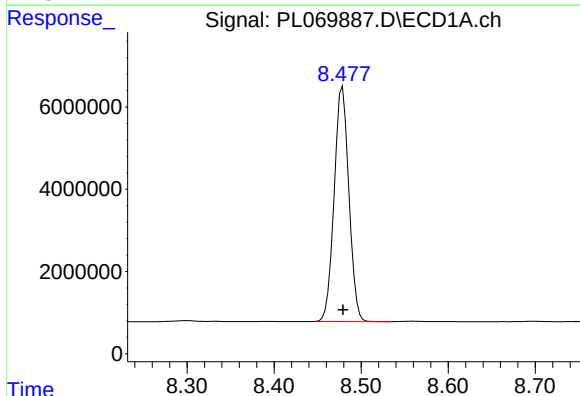
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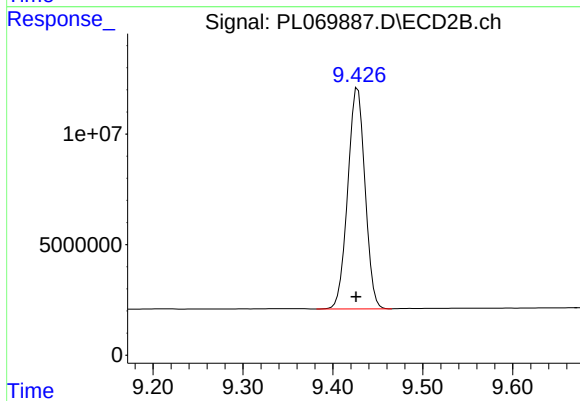
#16 4,4'-DDD

R.T.: 9.109 min  
Delta R.T.: 0.000 min  
Response: 558286  
Conc: 0.52 ng/ml m



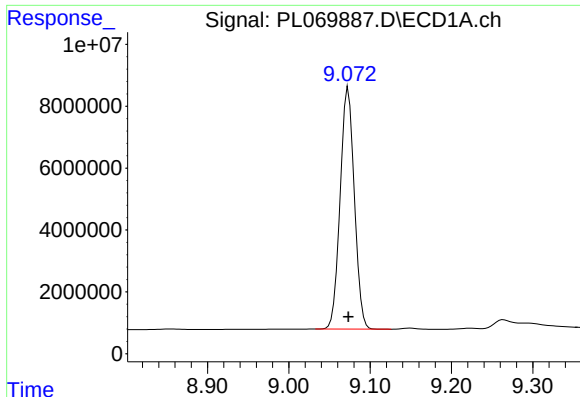
#17 4,4'-DDT

R.T.: 8.479 min  
Delta R.T.: 0.000 min  
Response: 67149628  
Conc: 117.10 ng/ml



#17 4,4'-DDT

R.T.: 9.428 min  
Delta R.T.: 0.002 min  
Response: 133272230  
Conc: 119.04 ng/ml



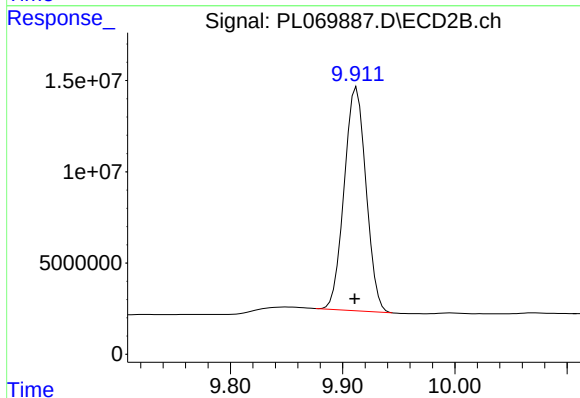
#20 Methoxychlor

R.T.: 9.073 min  
Delta R.T.: 0.000 min  
Response: 94522246  
Conc: 251.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

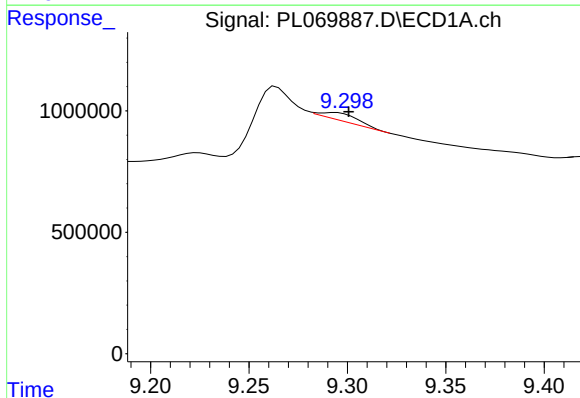
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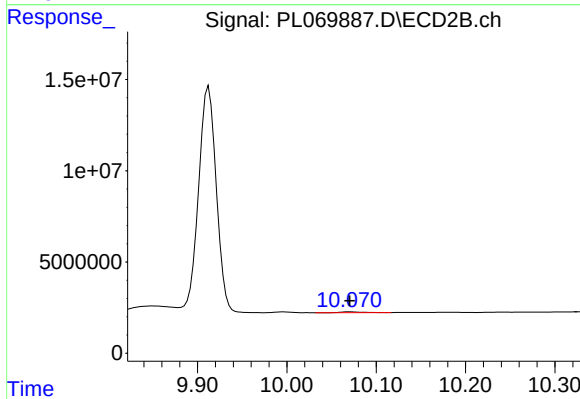
#20 Methoxychlor

R.T.: 9.912 min  
Delta R.T.: 0.002 min  
Response: 165397422  
Conc: 274.01 ng/ml



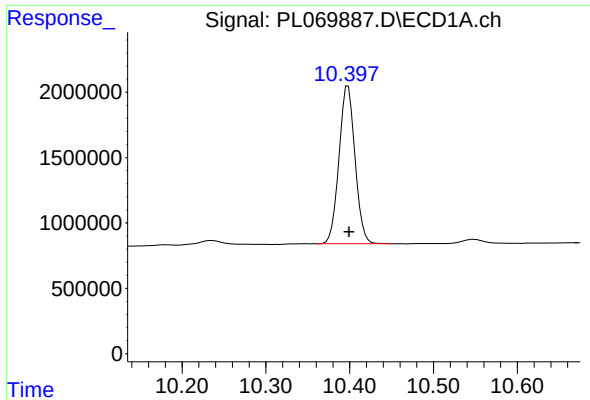
#21 Endrin ketone

R.T.: 9.298 min  
Delta R.T.: -0.002 min  
Response: 376562  
Conc: 0.52 ng/ml m



#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.000 min  
Response: 643445  
Conc: 0.52 ng/ml



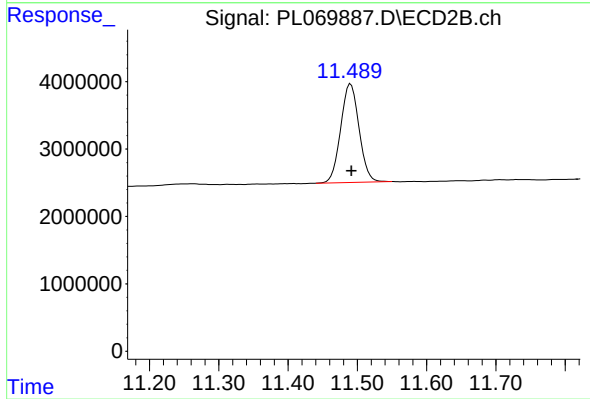
#28 Decachlorobiphenyl

R.T.: 10.398 min  
Delta R.T.: -0.001 min  
Response: 16012053  
Conc: 21.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 11.490 min  
Delta R.T.: 0.000 min  
Response: 26983257  
Conc: 23.61 ng/ml