

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110719\  
 Data File : PL054056.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Nov 2019 11:28  
 Operator : SG\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
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 11/8/2019 8:46:26 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 00:16:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.540 | 4.043 | 219.1E6  | 49329445 | 20.216  | 19.713  |
| 28)                         | SA Decachlor... | 8.324 | 9.122 | 188.1E6  | 52415083 | 19.167  | 18.613  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.983 | 4.434 | 172.9E6  | 31938526 | 9.914   | 9.239   |
| 3)                          | MA gamma-BHC... | 4.270 | 4.720 | 142.5E6  | 29639045 | 9.151   | 9.204   |
| 6)                          | B beta-BHC      | 4.521 | 4.890 | 67711186 | 16060102 | 10.275  | 10.397  |
| 12)                         | B 4,4'-DDE      | 5.727 | 6.383 | 1203098  | 488384   | 0.101m  | 0.173m# |
| 14)                         | MA Endrin       | 6.118 | 6.753 | 559.8E6  | 109.3E6  | 48.293  | 45.038  |
| 16)                         | A 4,4'-DDD      | 6.240 | 6.874 | 7993452  | 2077921  | 0.898   | 0.997   |
| 17)                         | MA 4,4'-DDT     | 6.483 | 7.173 | 1002.8E6 | 217.3E6  | 101.231 | 93.976  |
| 18)                         | B Endrin al...  | 6.556 | 7.083 | 6661191  | 416211   | 0.726   | 0.189m# |
| 20)                         | A Methoxychlor  | 7.029 | 7.630 | 1186.8E6 | 289.1E6  | 240.712 | 222.538 |
| 21)                         | B Endrin ke...  | 7.266 | 7.780 | 8798959  | 2018092  | 0.817   | 0.783   |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 07 Nov 2019 11:28  
Operator : SG\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

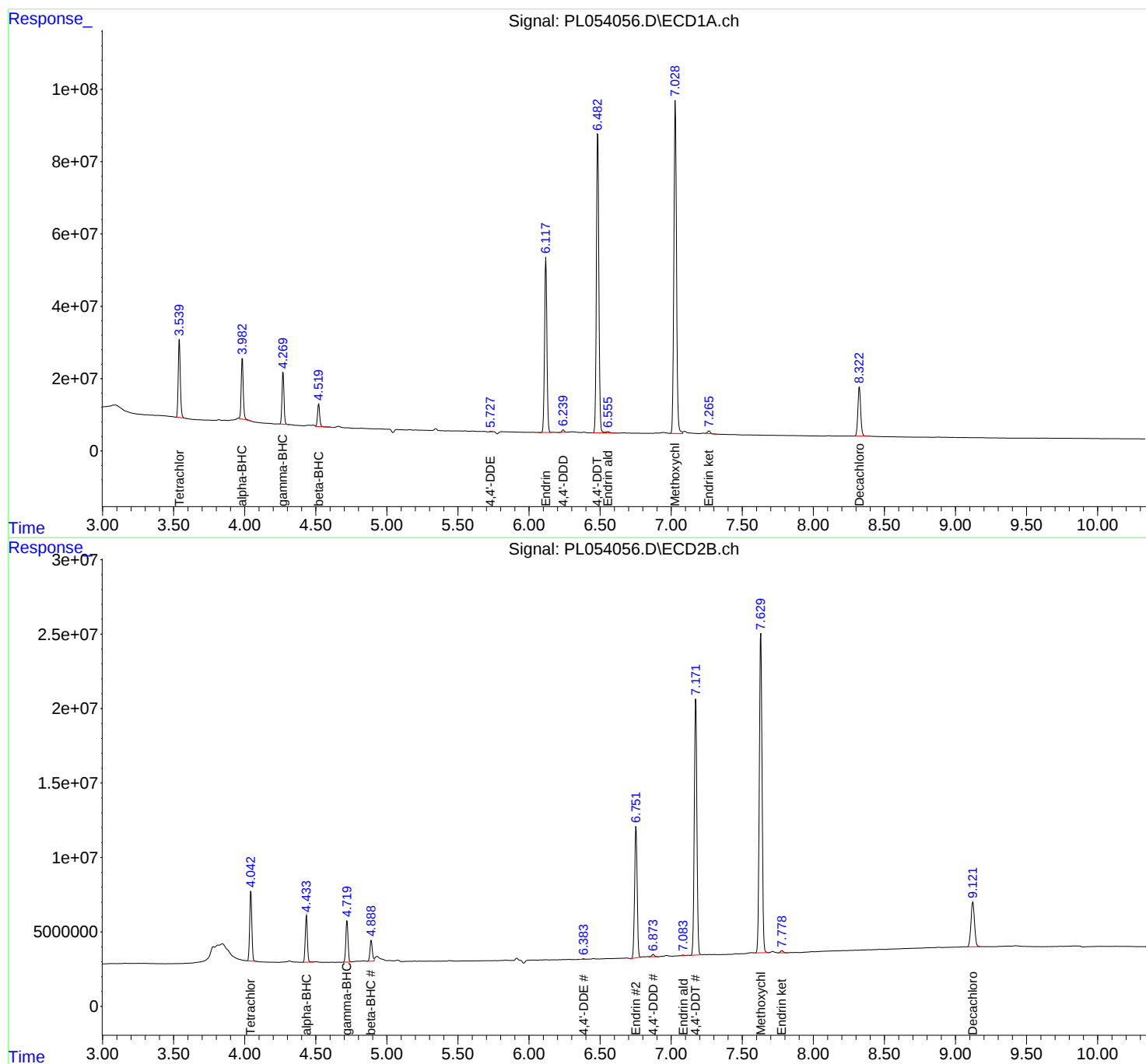
Instrument :  
ECD\_L  
ClientSampled :  
PEM

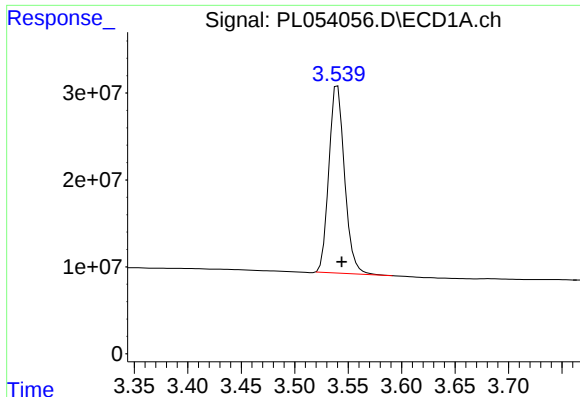
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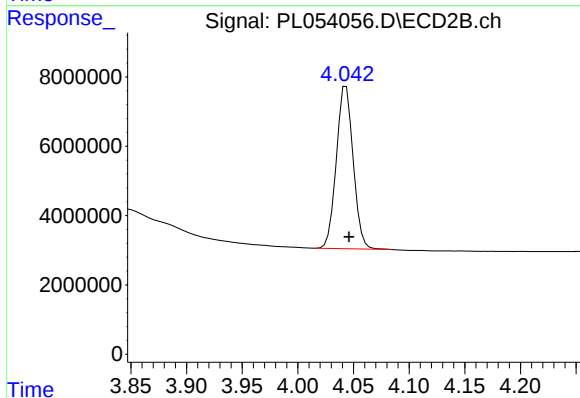
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: -0.004 min  
Response: 219124672  
Conc: 20.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

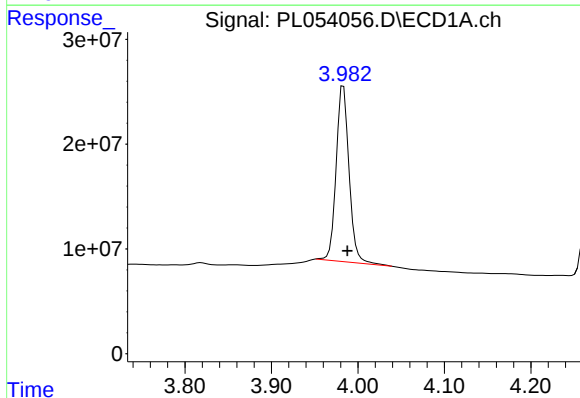
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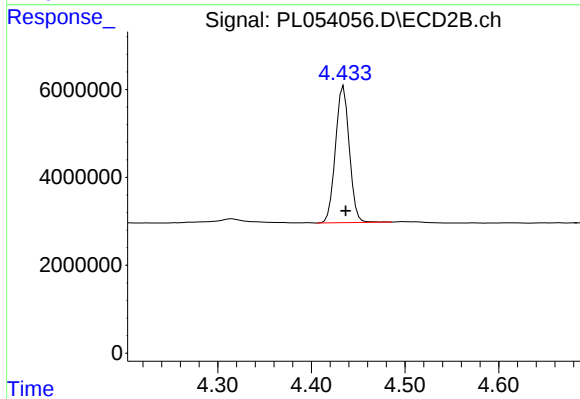
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: -0.002 min  
Response: 49329445  
Conc: 19.71 ng/ml



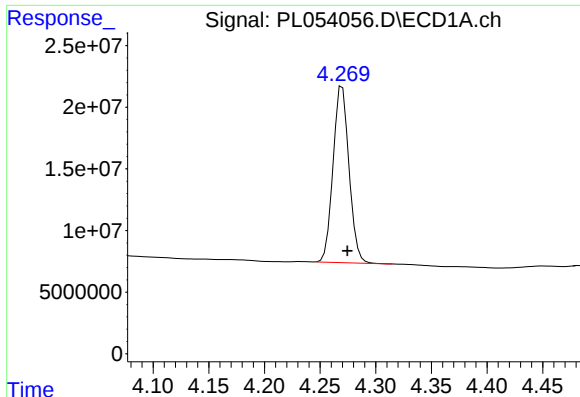
#2 alpha-BHC

R.T.: 3.983 min  
Delta R.T.: -0.005 min  
Response: 172857982  
Conc: 9.91 ng/ml



#2 alpha-BHC

R.T.: 4.434 min  
Delta R.T.: -0.002 min  
Response: 31938526  
Conc: 9.24 ng/ml



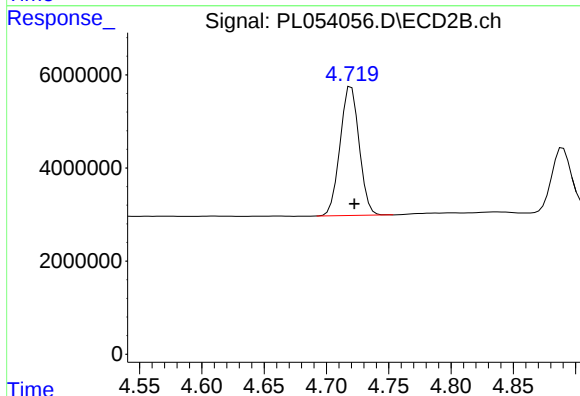
#3 gamma-BHC (Lindane)

R.T.: 4.270 min  
Delta R.T.: -0.005 min  
Response: 142514737  
Conc: 9.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

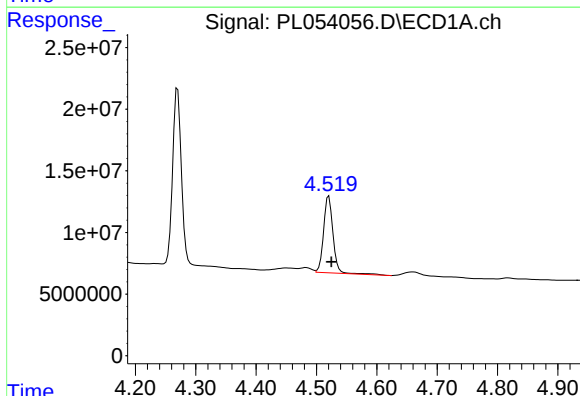
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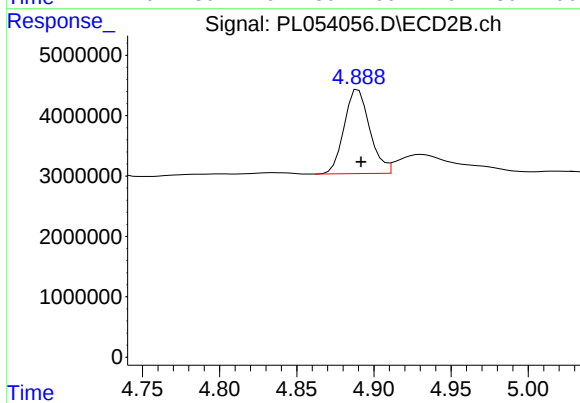
#3 gamma-BHC (Lindane)

R.T.: 4.720 min  
Delta R.T.: -0.003 min  
Response: 29639045  
Conc: 9.20 ng/ml



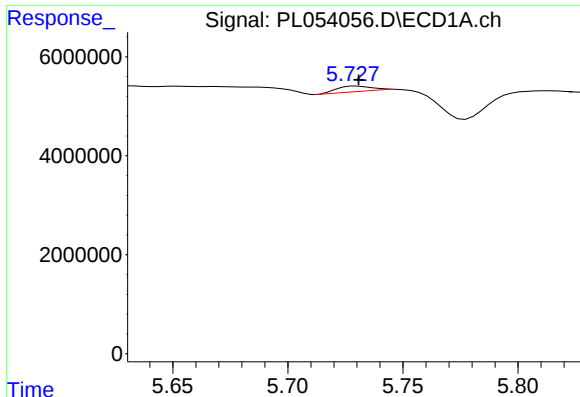
#6 beta-BHC

R.T.: 4.521 min  
Delta R.T.: -0.004 min  
Response: 67711186  
Conc: 10.28 ng/ml



#6 beta-BHC

R.T.: 4.890 min  
Delta R.T.: -0.002 min  
Response: 16060102  
Conc: 10.40 ng/ml



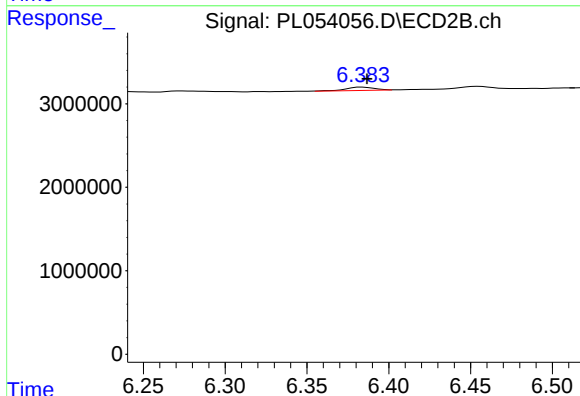
#12 4,4'-DDE

R.T.: 5.727 min  
Delta R.T.: -0.004 min  
Response: 1203098  
Conc: 0.10 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

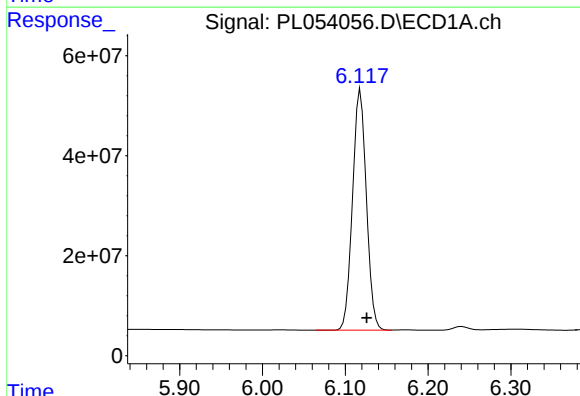
Manual Integrations  
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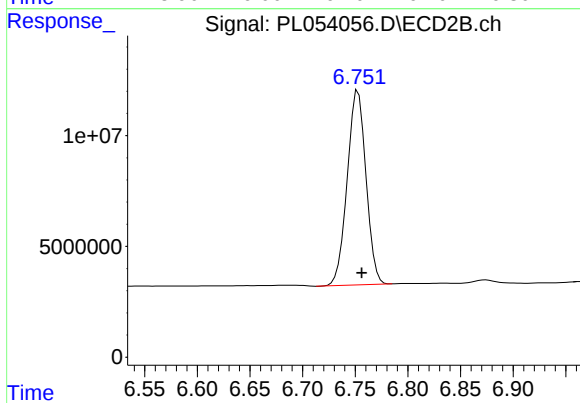
#12 4,4'-DDE

R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 488384  
Conc: 0.17 ng/ml m



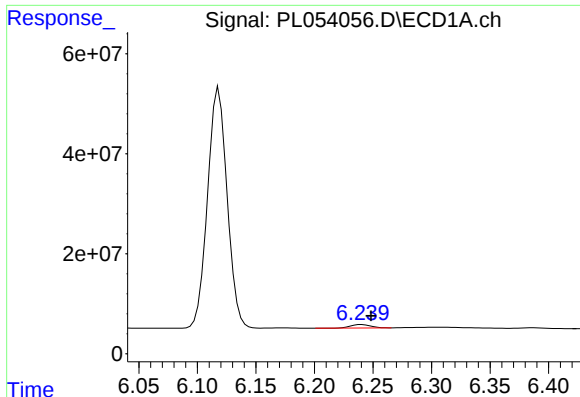
#14 Endrin

R.T.: 6.118 min  
Delta R.T.: -0.008 min  
Response: 559770680  
Conc: 48.29 ng/ml



#14 Endrin

R.T.: 6.753 min  
Delta R.T.: -0.003 min  
Response: 109316232  
Conc: 45.04 ng/ml



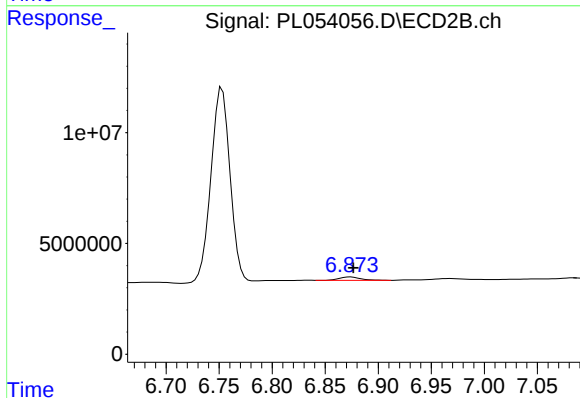
#16 4,4'-DDD

R.T.: 6.240 min  
Delta R.T.: -0.008 min  
Response: 7993452  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampled :  
PEM

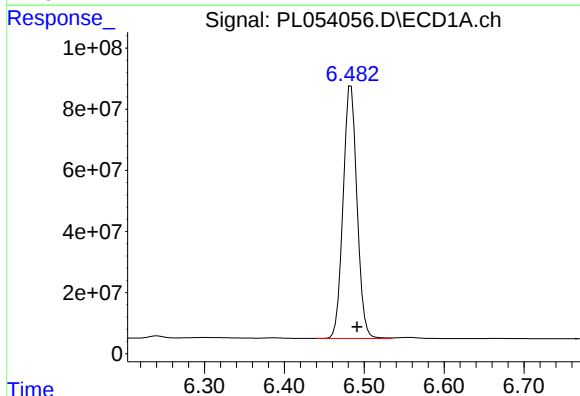
Manual Integrations  
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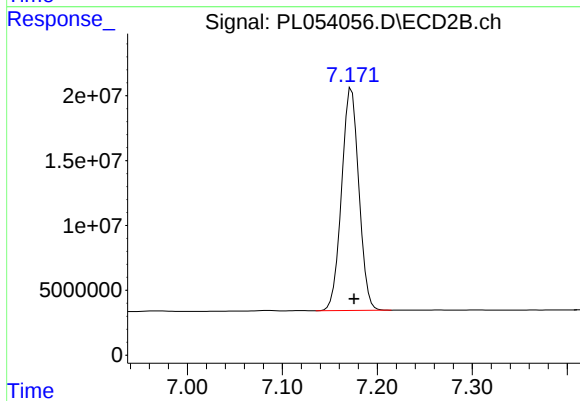
#16 4,4'-DDD

R.T.: 6.874 min  
Delta R.T.: -0.003 min  
Response: 2077921  
Conc: 1.00 ng/ml



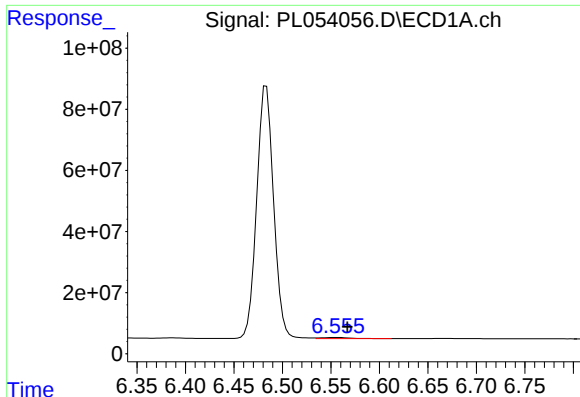
#17 4,4'-DDT

R.T.: 6.483 min  
Delta R.T.: -0.008 min  
Response: 1002828772  
Conc: 101.23 ng/ml



#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 217320738  
Conc: 93.98 ng/ml



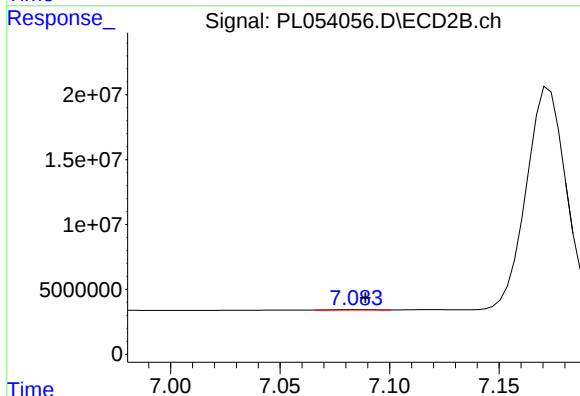
#18 Endrin aldehyde

R.T.: 6.556 min  
Delta R.T.: -0.011 min  
Response: 6661191  
Conc: 0.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

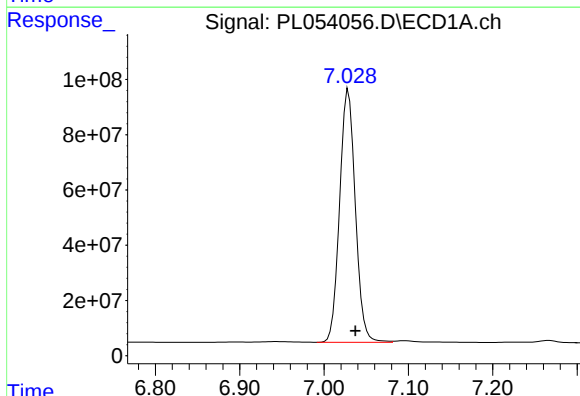
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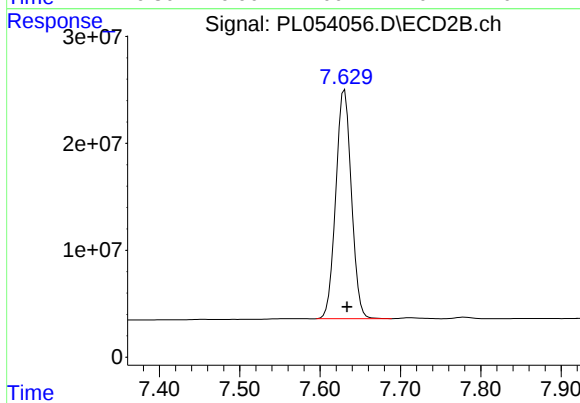
#18 Endrin aldehyde

R.T.: 7.083 min  
Delta R.T.: -0.006 min  
Response: 416211  
Conc: 0.19 ng/ml m



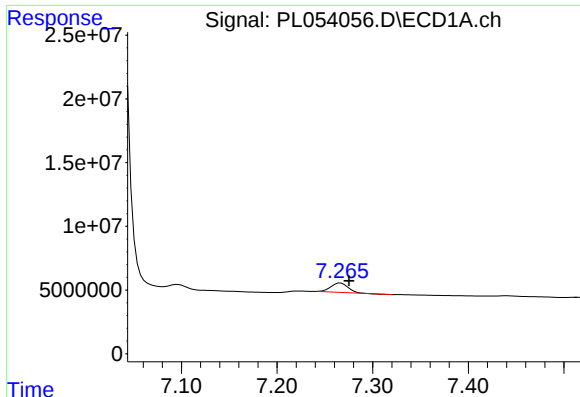
#20 Methoxychlor

R.T.: 7.029 min  
Delta R.T.: -0.008 min  
Response: 1186794998  
Conc: 240.71 ng/ml



#20 Methoxychlor

R.T.: 7.630 min  
Delta R.T.: -0.003 min  
Response: 289057489  
Conc: 222.54 ng/ml



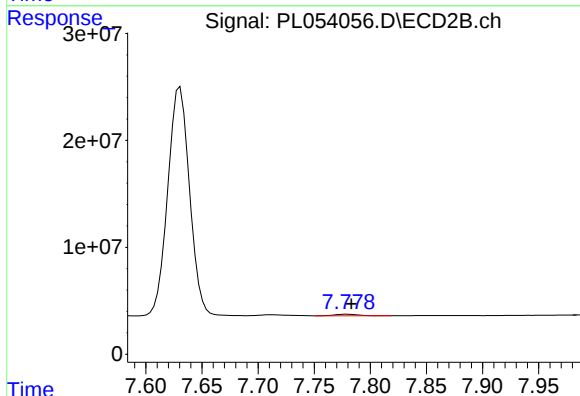
#21 Endrin ketone

R.T.: 7.266 min  
Delta R.T.: -0.009 min  
Response: 8798959  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

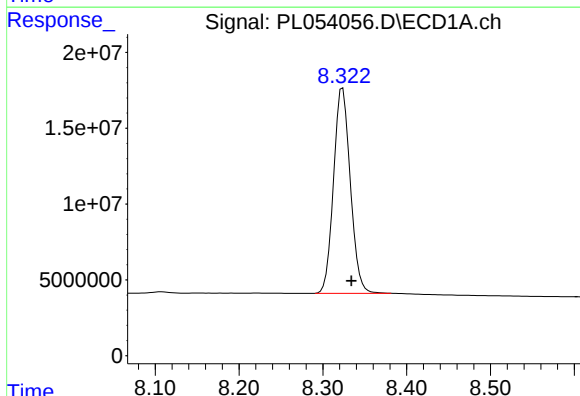
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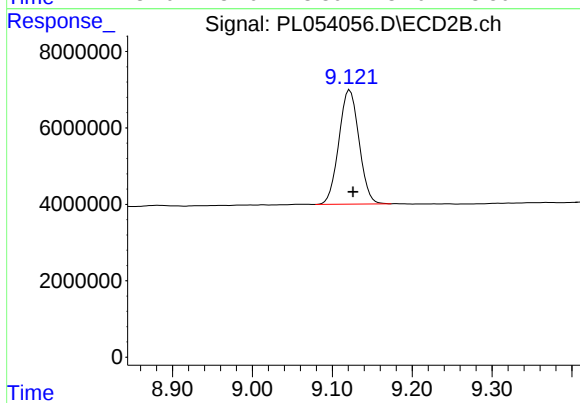
#21 Endrin ketone

R.T.: 7.780 min  
Delta R.T.: -0.004 min  
Response: 2018092  
Conc: 0.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.324 min  
Delta R.T.: -0.010 min  
Response: 188057465  
Conc: 19.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.004 min  
Response: 52415083  
Conc: 18.61 ng/ml