

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100923\  
 Data File : PL085785.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Oct 2023 17:28  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/10/2023  
 Supervised By : Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 10 03:20:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 2023  
 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... | 3.357 | 2.622 | 59797983 | 18807396 | 20.106  | 20.134  |
| 28)                         | SA Decachlor... | 8.862 | 7.776 | 50774547 | 20493145 | 23.312  | 22.203  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.811 | 3.121 | 42022219 | 11927356 | 9.791   | 9.480   |
| 3)                          | MA gamma-BHC... | 4.143 | 3.448 | 40486464 | 11380266 | 9.795   | 9.227   |
| 6)                          | B beta-BHC      | 4.346 | 3.750 | 19628677 | 6120238  | 11.870  | 11.756  |
| 12)                         | B 4,4'-DDE      | 6.021 | 5.081 | 739901   | 129658   | 0.265   | 0.158m# |
| 14)                         | MA Endrin       | 6.390 | 5.475 | 136.1E6  | 45323310 | 47.761  | 50.415  |
| 16)                         | A 4,4'-DDD      | 6.540 | 5.638 | 3830303  | 1111593  | 1.901   | 1.597   |
| 17)                         | MA 4,4'-DDT     | 6.855 | 5.889 | 264.0E6  | 96966437 | 112.005 | 122.625 |
| 18)                         | B Endrin al...  | 6.744 | 5.955 | 3560323  | 2160503  | 1.757   | 2.897 # |
| 20)                         | A Methoxychlor  | 7.341 | 6.474 | 351.1E6  | 136.3E6  | 251.407 | 259.100 |
| 21)                         | B Endrin ke...  | 7.461 | 6.680 | 6955103  | 3582777  | 2.415   | 3.117 # |
| -----                       |                 |       |       |          |          |         |         |

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

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Acq On : 09 Oct 2023 17:28  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

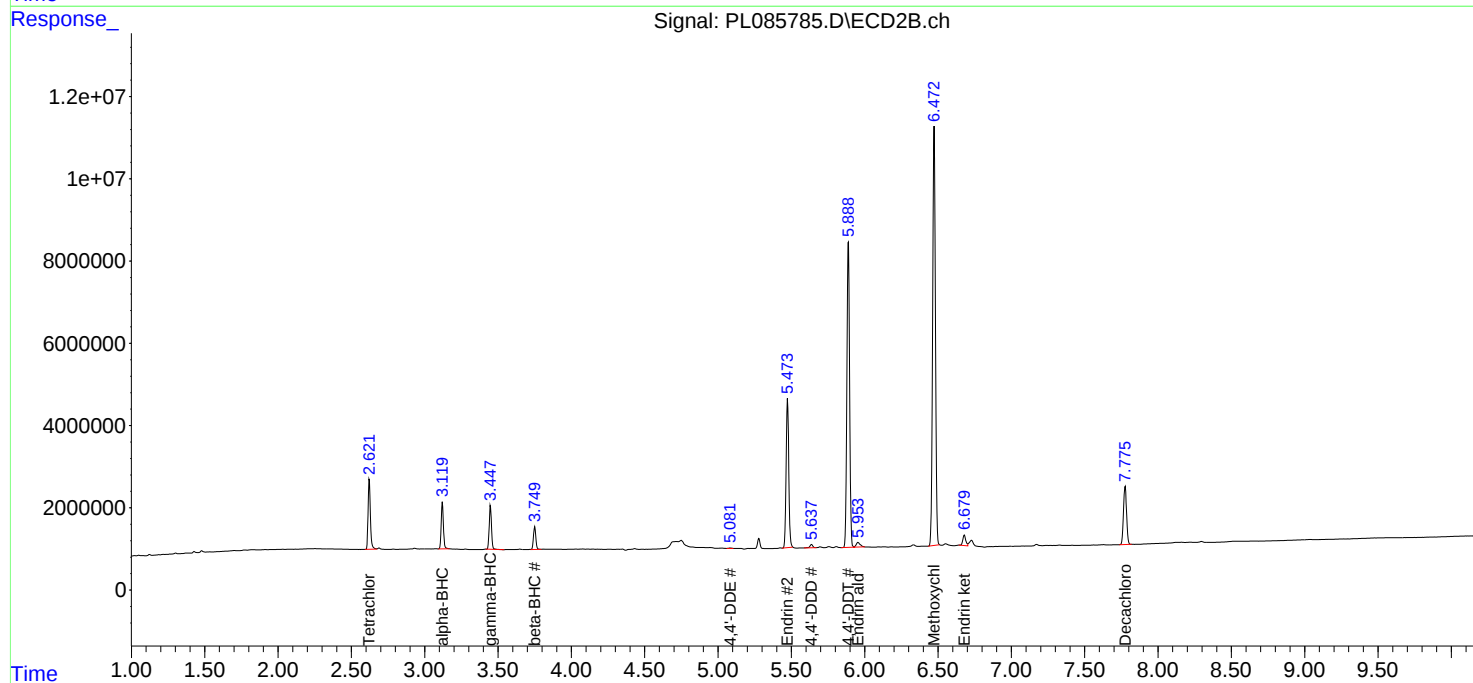
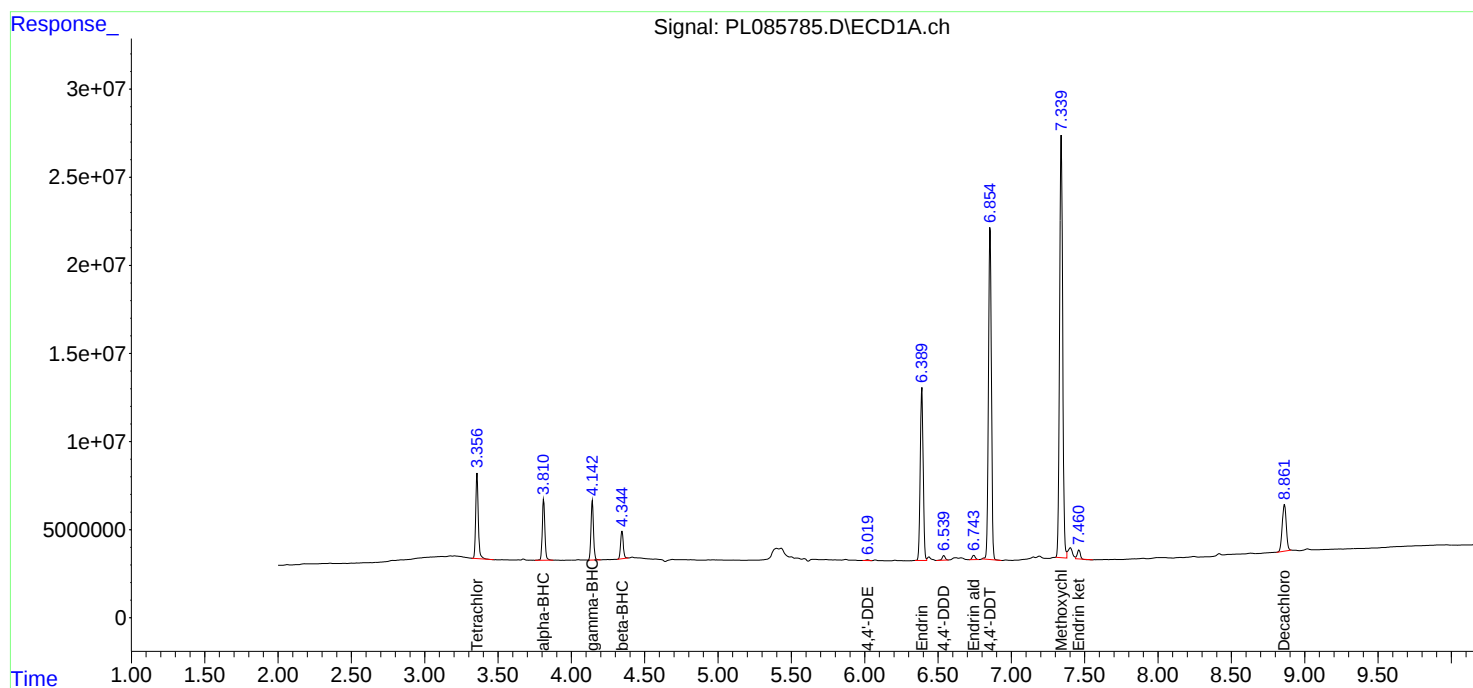
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

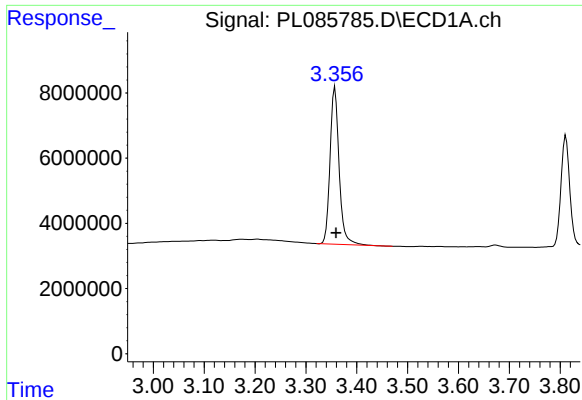
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Integration File signal 1: autoint1.e  
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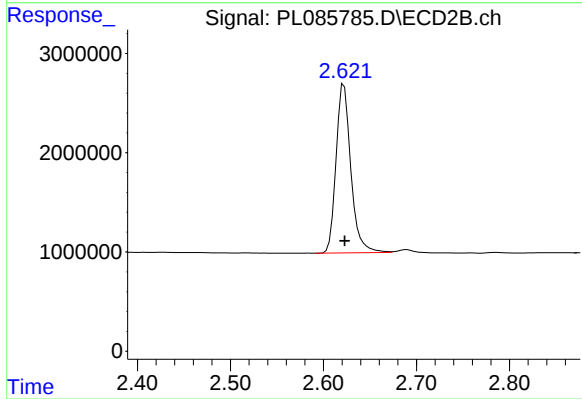
#1 Tetrachloro-m-xylene

R.T.: 3.357 min  
Delta R.T.: -0.002 min  
Response: 59797983  
Conc: 20.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

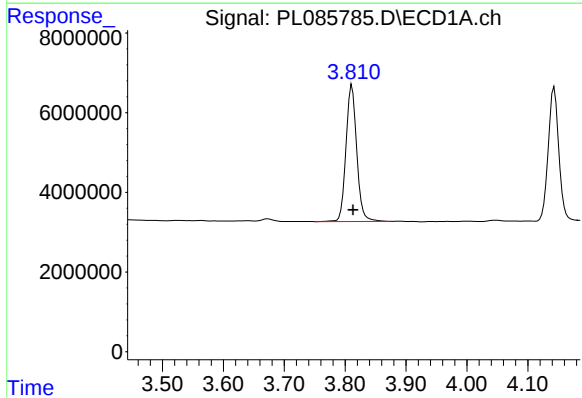
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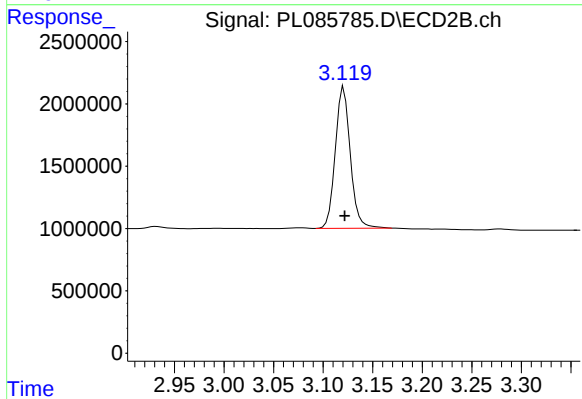
#1 Tetrachloro-m-xylene

R.T.: 2.622 min  
Delta R.T.: 0.000 min  
Response: 18807396  
Conc: 20.13 ng/ml



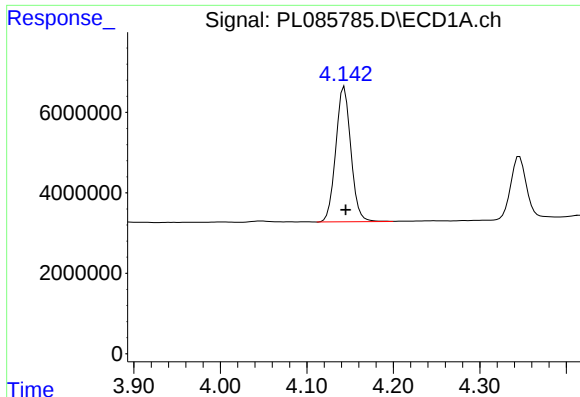
#2 alpha-BHC

R.T.: 3.811 min  
Delta R.T.: -0.001 min  
Response: 42022219  
Conc: 9.79 ng/ml



#2 alpha-BHC

R.T.: 3.121 min  
Delta R.T.: 0.000 min  
Response: 11927356  
Conc: 9.48 ng/ml



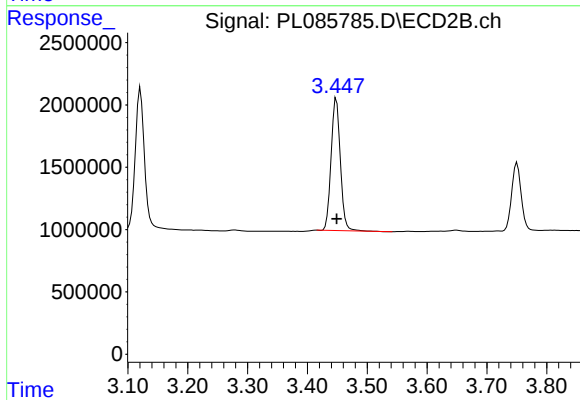
#3 gamma-BHC (Lindane)

R.T.: 4.143 min  
Delta R.T.: -0.002 min  
Response: 40486464  
Conc: 9.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

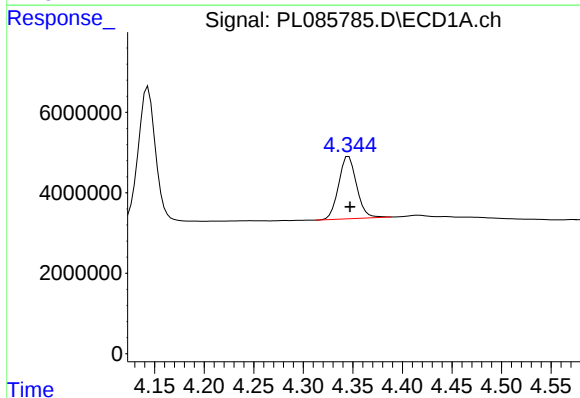
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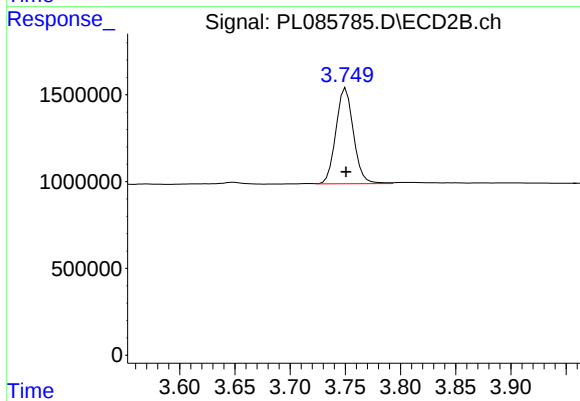
#3 gamma-BHC (Lindane)

R.T.: 3.448 min  
Delta R.T.: 0.000 min  
Response: 11380266  
Conc: 9.23 ng/ml



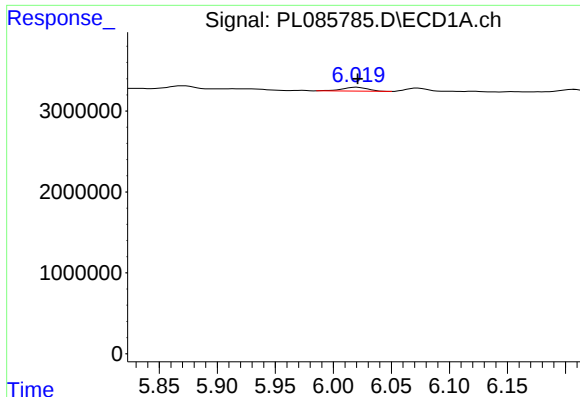
#6 beta-BHC

R.T.: 4.346 min  
Delta R.T.: -0.001 min  
Response: 19628677  
Conc: 11.87 ng/ml



#6 beta-BHC

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 6120238  
Conc: 11.76 ng/ml



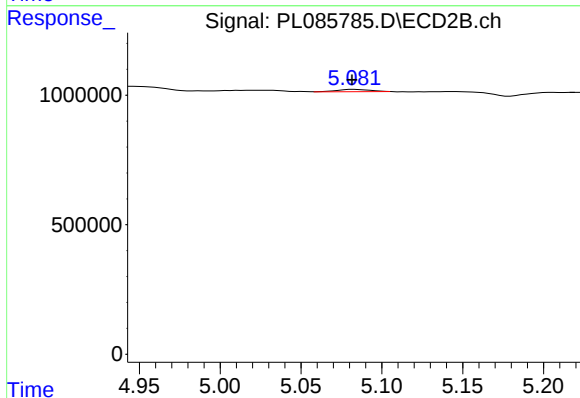
#12 4,4'-DDE

R.T.: 6.021 min  
Delta R.T.: 0.000 min  
Response: 739901  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

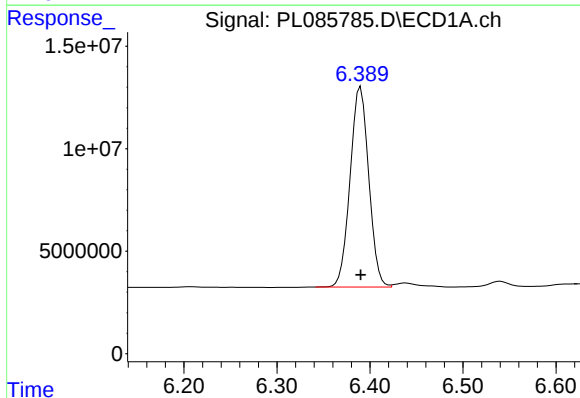
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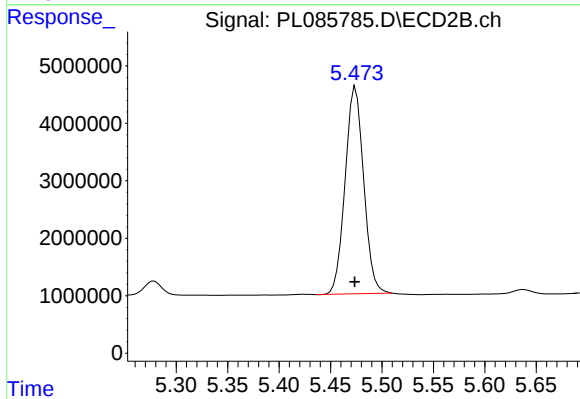
#12 4,4'-DDE

R.T.: 5.081 min  
Delta R.T.: 0.000 min  
Response: 129658  
Conc: 0.16 ng/ml m



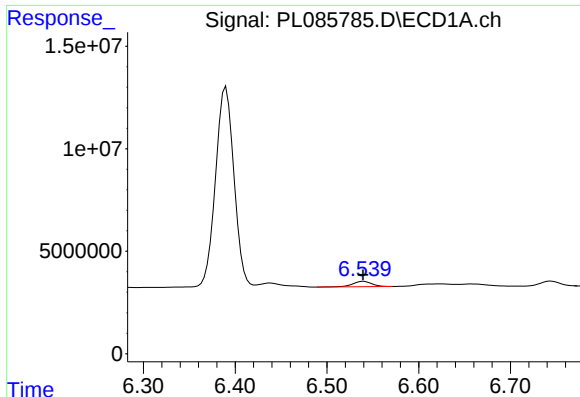
#14 Endrin

R.T.: 6.390 min  
Delta R.T.: 0.000 min  
Response: 136107203  
Conc: 47.76 ng/ml



#14 Endrin

R.T.: 5.475 min  
Delta R.T.: 0.000 min  
Response: 45323310  
Conc: 50.41 ng/ml



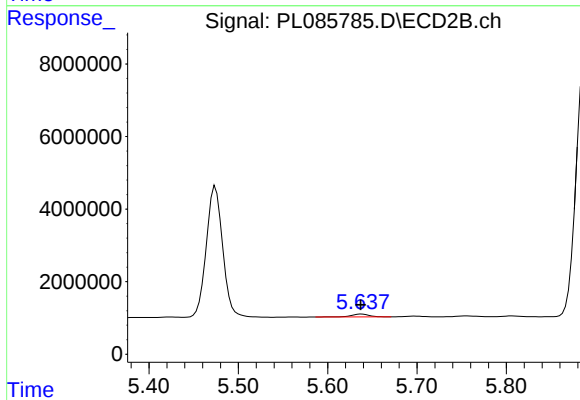
#16 4,4'-DDD

R.T.: 6.540 min  
Delta R.T.: 0.000 min  
Response: 3830303  
Conc: 1.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

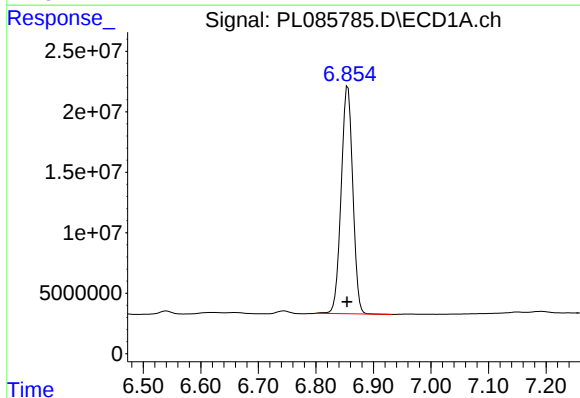
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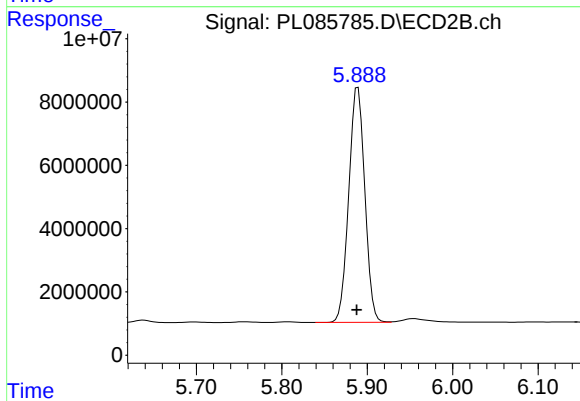
#16 4,4'-DDD

R.T.: 5.638 min  
Delta R.T.: 0.000 min  
Response: 1111593  
Conc: 1.60 ng/ml



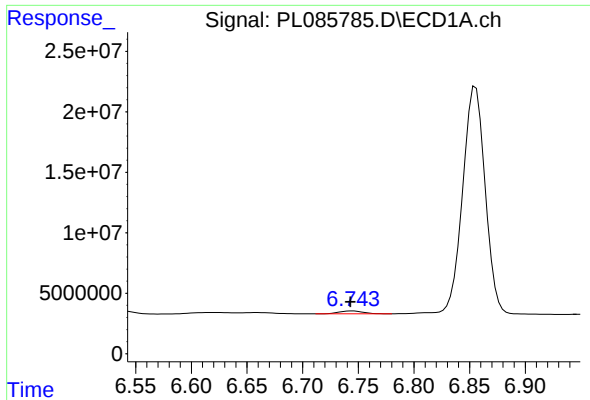
#17 4,4'-DDT

R.T.: 6.855 min  
Delta R.T.: 0.001 min  
Response: 264007271  
Conc: 112.01 ng/ml



#17 4,4'-DDT

R.T.: 5.889 min  
Delta R.T.: 0.001 min  
Response: 96966437  
Conc: 122.63 ng/ml



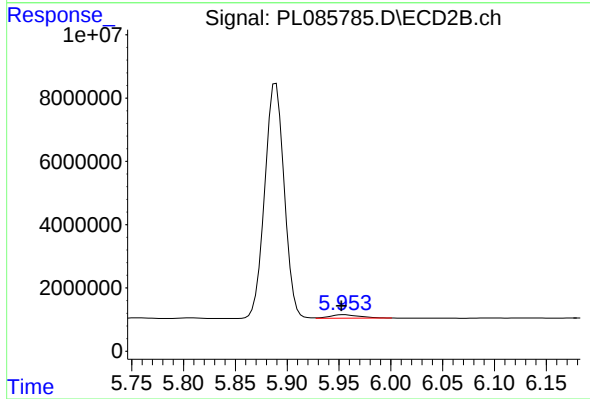
#18 Endrin aldehyde

R.T.: 6.744 min  
Delta R.T.: 0.001 min  
Response: 3560323  
Conc: 1.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

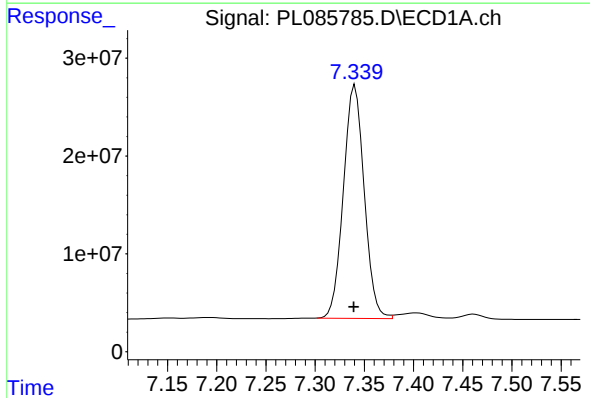
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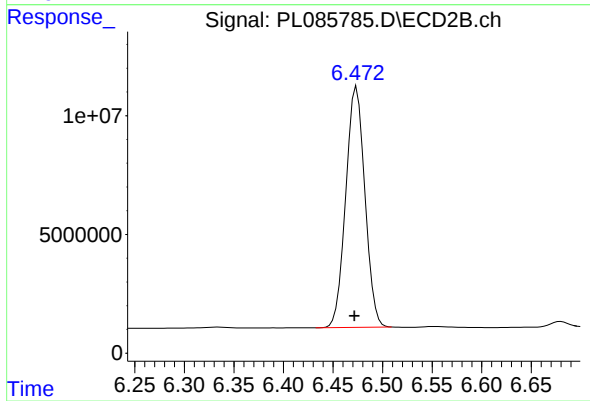
#18 Endrin aldehyde

R.T.: 5.955 min  
Delta R.T.: 0.002 min  
Response: 2160503  
Conc: 2.90 ng/ml



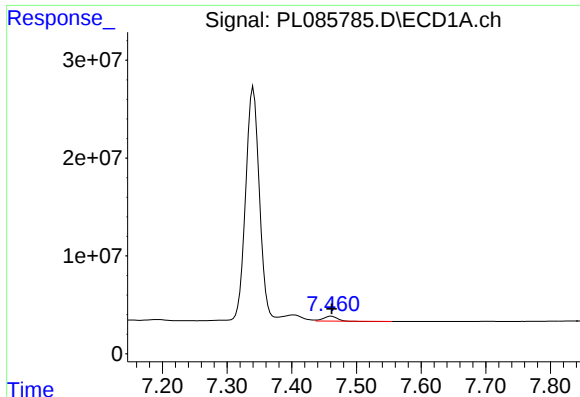
#20 Methoxychlor

R.T.: 7.341 min  
Delta R.T.: 0.001 min  
Response: 351119610  
Conc: 251.41 ng/ml



#20 Methoxychlor

R.T.: 6.474 min  
Delta R.T.: 0.002 min  
Response: 136306411  
Conc: 259.10 ng/ml



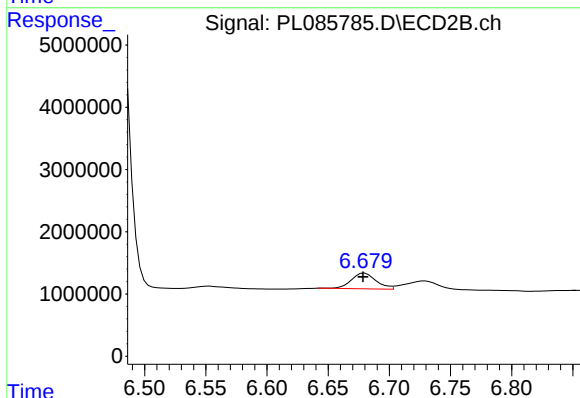
#21 Endrin ketone

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 6955103  
Conc: 2.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

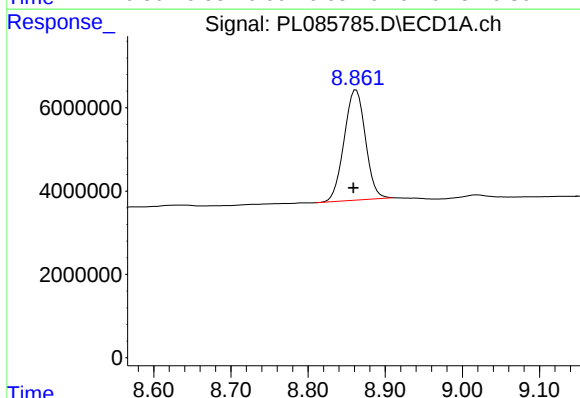
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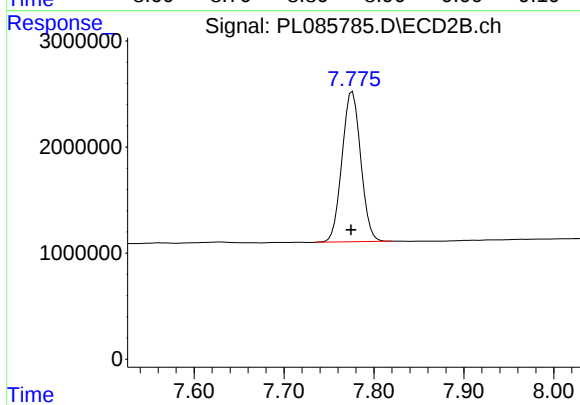
#21 Endrin ketone

R.T.: 6.680 min  
Delta R.T.: 0.001 min  
Response: 3582777  
Conc: 3.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.862 min  
Delta R.T.: 0.004 min  
Response: 50774547  
Conc: 23.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min  
Delta R.T.: 0.002 min  
Response: 20493145  
Conc: 22.20 ng/ml