

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111724\  
 Data File : PD086761.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2024 09:13  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024  
 Supervised By :Ankita Jodhani 11/18/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 00:08:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD103024.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 31 11:38:14 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.558 | 2.885 | 33940010 | 228.1E6  | 23.235  | 23.069    |
| 28)                         | SA Decachlor... | 9.092 | 8.091 | 48217487 | 252.8E6  | 25.151  | 23.596    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.007 | 3.399 | 31527281 | 184.2E6  | 11.002  | 12.136    |
| 3)                          | MA gamma-BHC... | 4.339 | 3.736 | 31297270 | 170.2E6  | 10.923  | 11.643    |
| 6)                          | B beta-BHC      | 4.522 | 4.031 | 14255593 | 78209506 | 12.470  | 12.266    |
| 12)                         | B 4,4'-DDE      | 6.207 | 5.388 | 422466   | 2659706  | 0.189m  | 0.203     |
| 14)                         | MA Endrin       | 6.586 | 5.801 | 110.8E6  | 573.5E6  | 51.426  | 46.738    |
| 16)                         | A 4,4'-DDD      | 6.717 | 5.943 | 9011904  | 51661071 | 4.987   | 4.691     |
| 17)                         | MA 4,4'-DDT     | 7.034 | 6.197 | 221.8E6  | 1050.0E6 | 121.177 | 90.535 #  |
| 18)                         | B Endrin al...  | 6.927 | 6.272 | 4357439  | 27937033 | 2.635   | 2.980     |
| 20)                         | A Methoxychlor  | 7.507 | 6.770 | 290.3E6  | 1158.7E6 | 268.429 | 183.369 # |
| 21)                         | B Endrin ke...  | 7.642 | 7.004 | 9250892  | 66672808 | 4.078   | 5.243 #   |
| -----                       |                 |       |       |          |          |         |           |

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

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Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

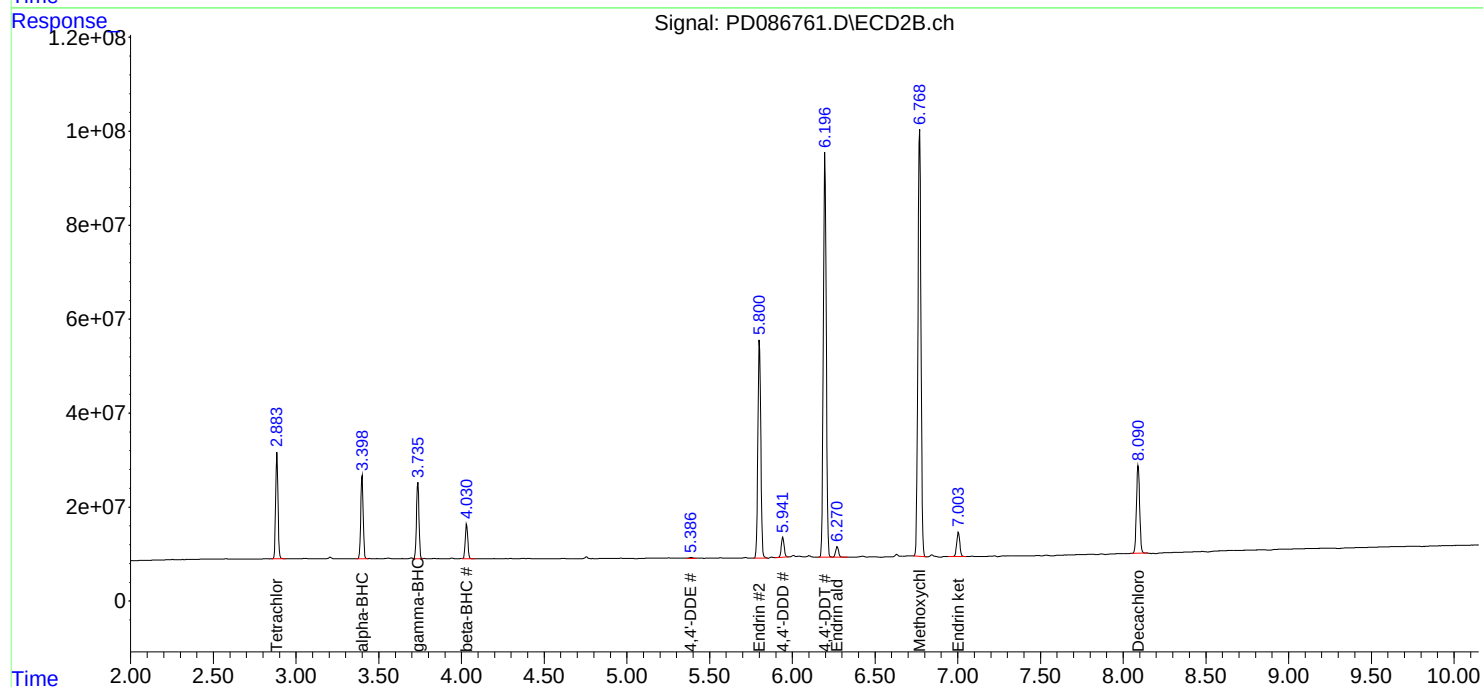
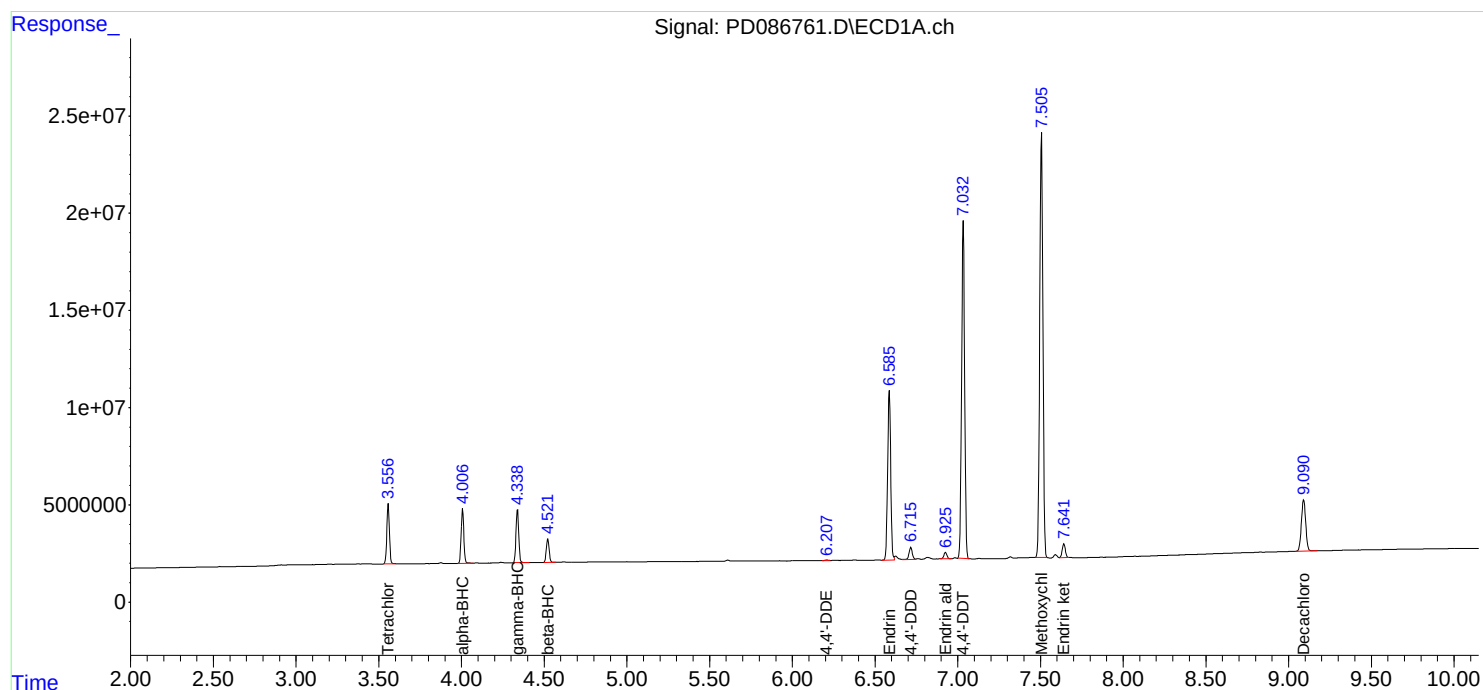
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

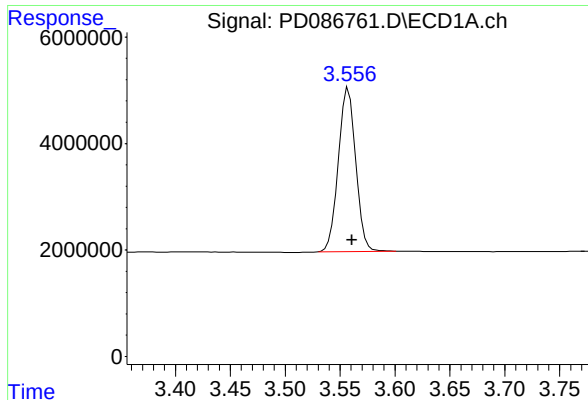
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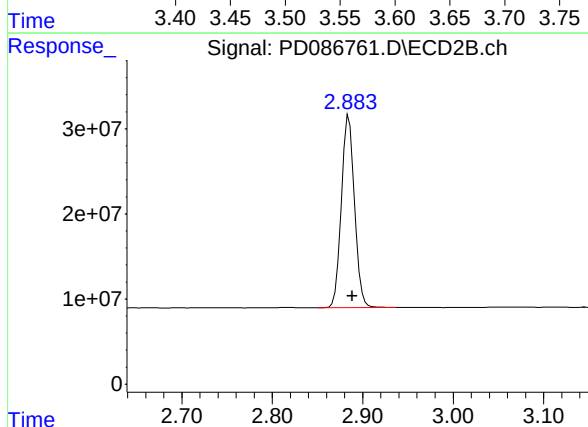
#1 Tetrachloro-m-xylene

R.T.: 3.558 min  
Delta R.T.: -0.003 min  
Response: 33940010  
Conc: 23.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

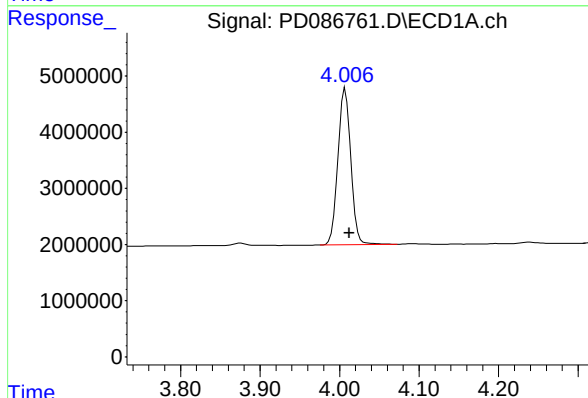
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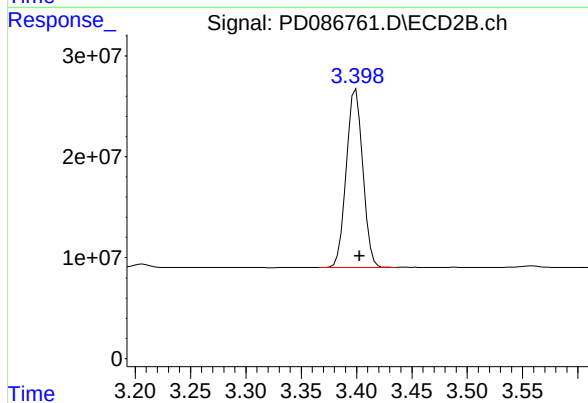
#1 Tetrachloro-m-xylene

R.T.: 2.885 min  
Delta R.T.: -0.004 min  
Response: 228137356  
Conc: 23.07 ng/ml



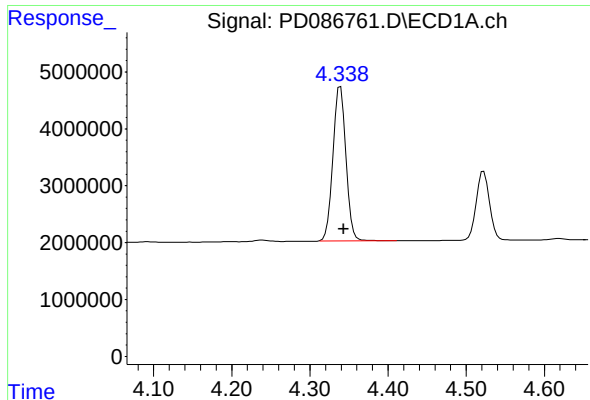
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: -0.005 min  
Response: 31527281  
Conc: 11.00 ng/ml



#2 alpha-BHC

R.T.: 3.399 min  
Delta R.T.: -0.004 min  
Response: 184167900  
Conc: 12.14 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.339 min  
Delta R.T.: -0.004 min  
Response: 31297270  
Conc: 10.92 ng/ml

Instrument :

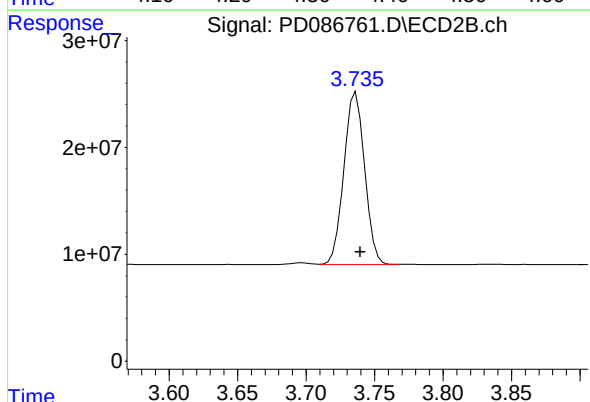
ECD\_D

ClientSampleId :

PEM

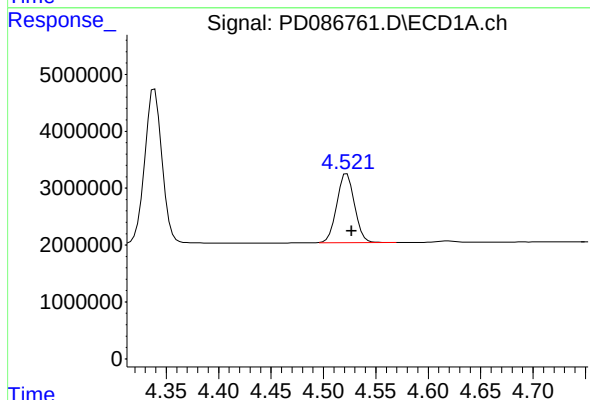
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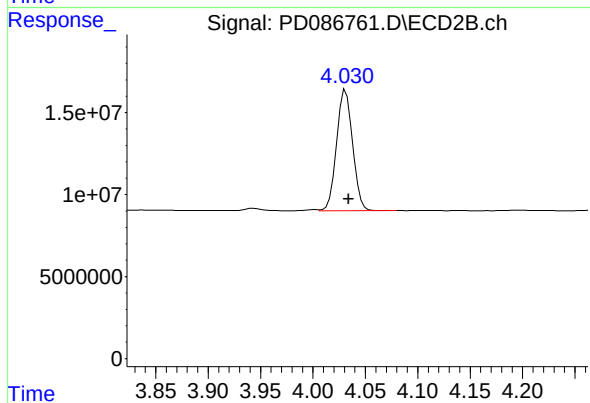
#3 gamma-BHC (Lindane)

R.T.: 3.736 min  
Delta R.T.: -0.003 min  
Response: 170230464  
Conc: 11.64 ng/ml



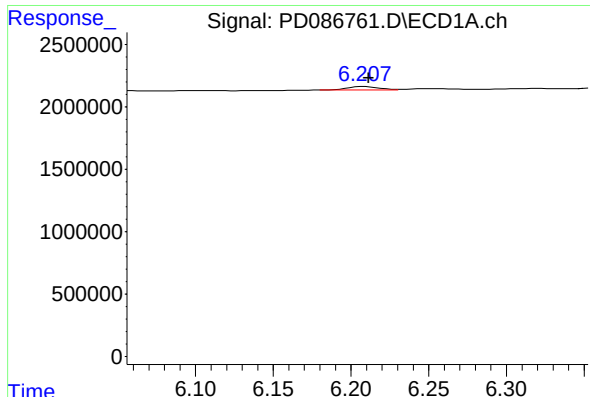
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: -0.005 min  
Response: 14255593  
Conc: 12.47 ng/ml



#6 beta-BHC

R.T.: 4.031 min  
Delta R.T.: -0.003 min  
Response: 78209506  
Conc: 12.27 ng/ml



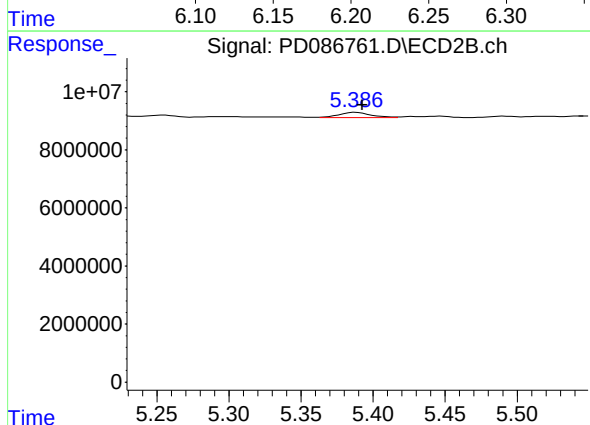
#12 4,4'-DDE

R.T.: 6.207 min  
Delta R.T.: -0.004 min  
Response: 422466  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

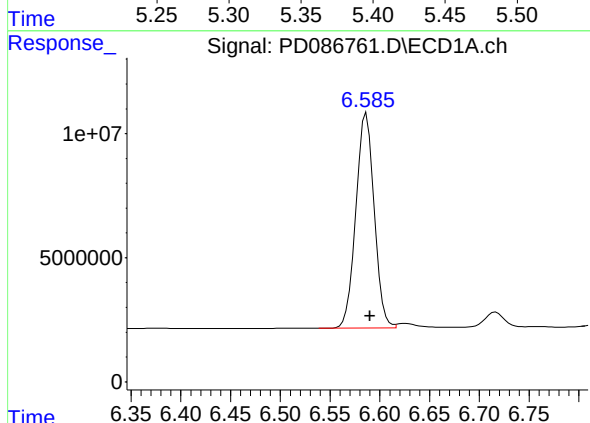
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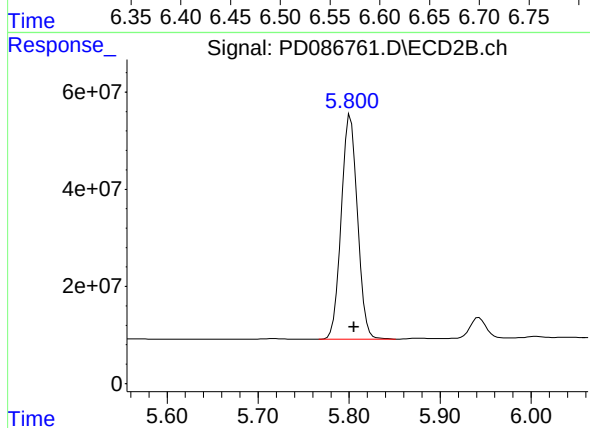
#12 4,4'-DDE

R.T.: 5.388 min  
Delta R.T.: -0.005 min  
Response: 2659706  
Conc: 0.20 ng/ml



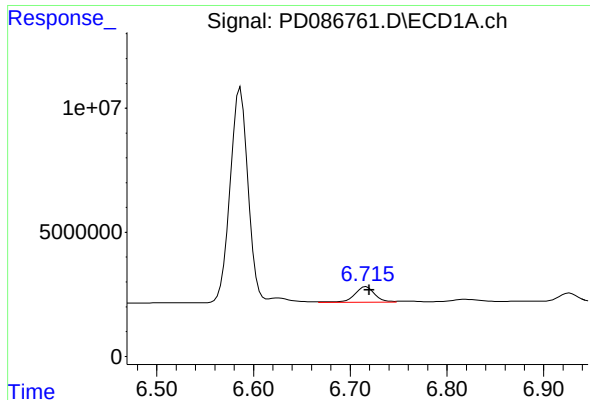
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: -0.004 min  
Response: 110848451  
Conc: 51.43 ng/ml



#14 Endrin

R.T.: 5.801 min  
Delta R.T.: -0.004 min  
Response: 573461712  
Conc: 46.74 ng/ml



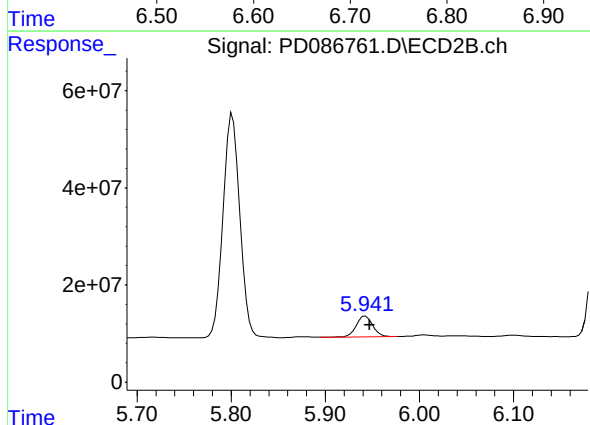
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: -0.003 min  
Response: 9011904  
Conc: 4.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

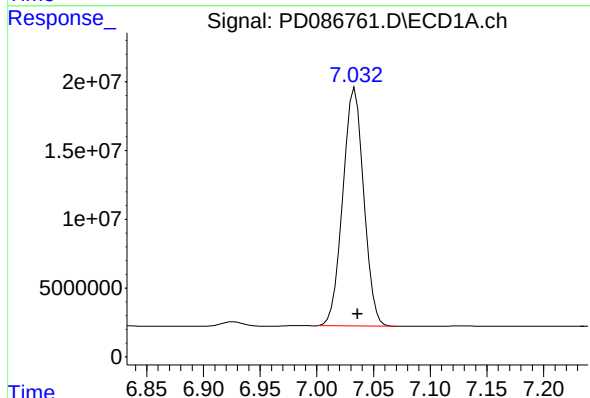
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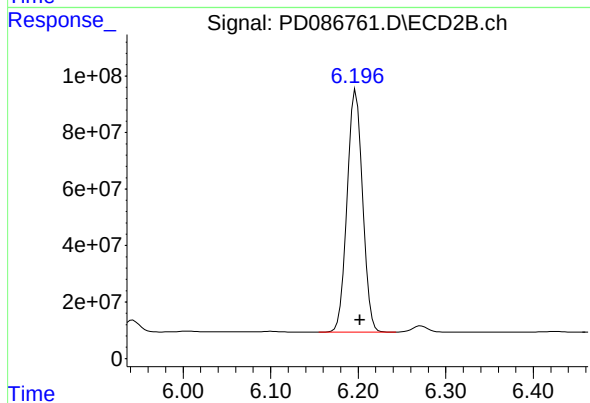
#16 4,4'-DDD

R.T.: 5.943 min  
Delta R.T.: -0.004 min  
Response: 51661071  
Conc: 4.69 ng/ml



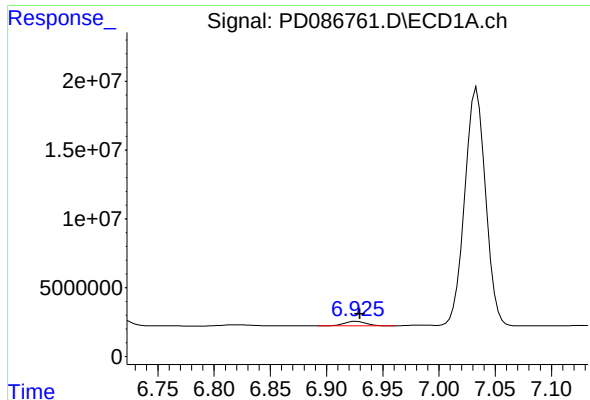
#17 4,4'-DDT

R.T.: 7.034 min  
Delta R.T.: -0.002 min  
Response: 221846051  
Conc: 121.18 ng/ml



#17 4,4'-DDT

R.T.: 6.197 min  
Delta R.T.: -0.005 min  
Response: 1049978748  
Conc: 90.54 ng/ml



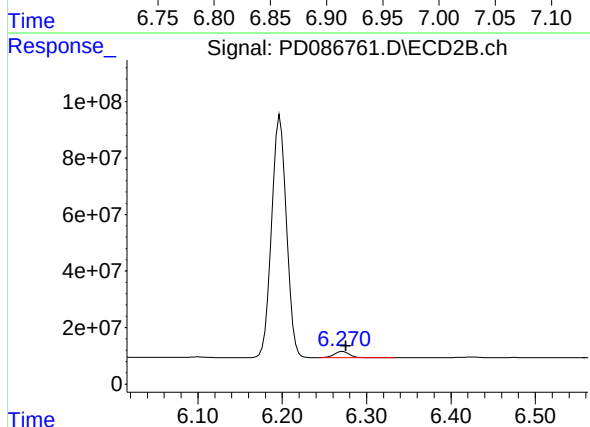
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.003 min  
Response: 4357439  
Conc: 2.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

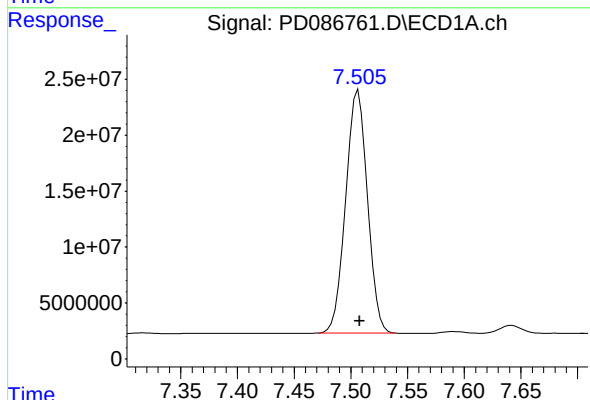
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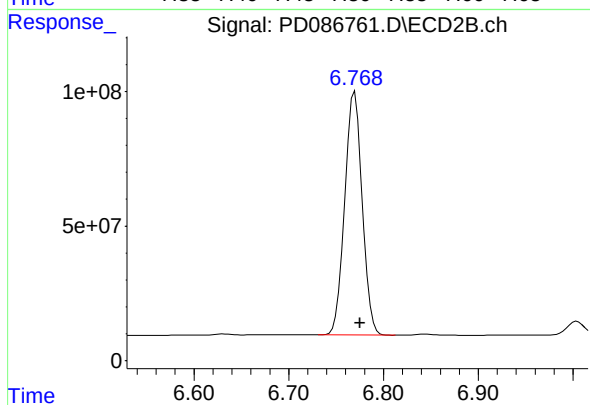
#18 Endrin aldehyde

R.T.: 6.272 min  
Delta R.T.: -0.004 min  
Response: 27937033  
Conc: 2.98 ng/ml



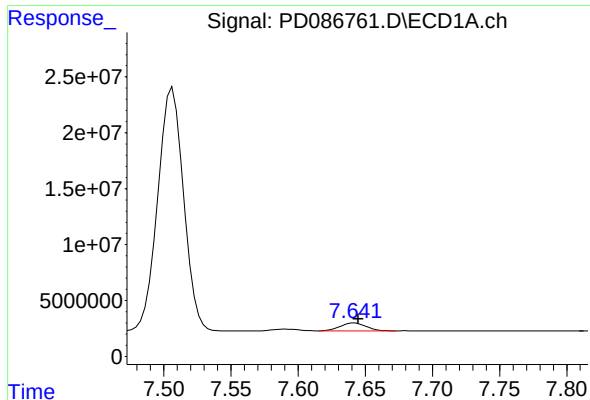
#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: -0.001 min  
Response: 290293543  
Conc: 268.43 ng/ml



#20 Methoxychlor

R.T.: 6.770 min  
Delta R.T.: -0.006 min  
Response: 1158654407  
Conc: 183.37 ng/ml



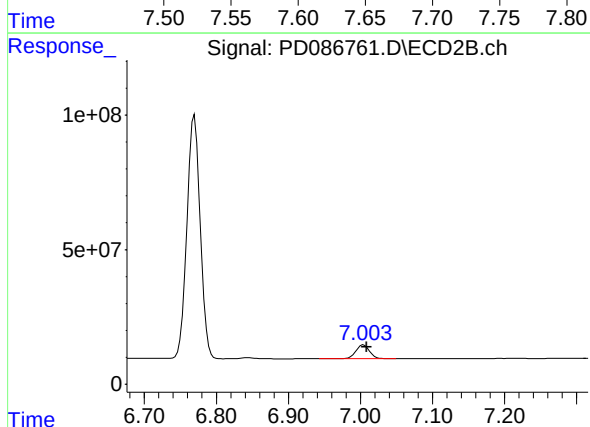
#21 Endrin ketone

R.T.: 7.642 min  
Delta R.T.: -0.003 min  
Response: 9250892  
Conc: 4.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

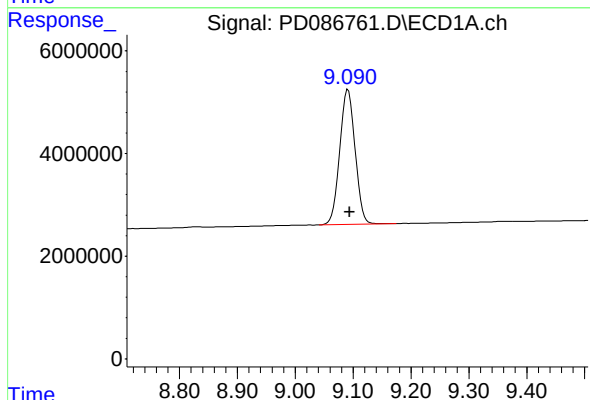
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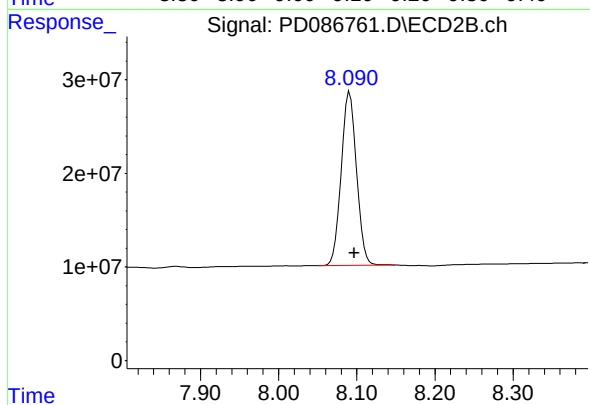
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: -0.004 min  
Response: 66672808  
Conc: 5.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: -0.002 min  
Response: 48217487  
Conc: 25.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.091 min  
Delta R.T.: -0.006 min  
Response: 252755004  
Conc: 23.60 ng/ml