

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072825\  
 Data File : PD089638.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jul 2025 10:07  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/29/2025  
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 29 01:30:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 22 04:39:29 2025  
 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... | 3.550 | 2.879 | 46808793 | 311.6E6  | 16.245  | 15.924    |
| 28)                         | SA Decachlor... | 9.073 | 8.069 | 76988423 | 417.8E6  | 18.746  | 17.005    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.999 | 3.391 | 43541775 | 254.8E6  | 7.626   | 8.482     |
| 3)                          | MA gamma-BHC... | 4.329 | 3.727 | 44078727 | 236.6E6  | 7.989   | 8.522     |
| 6)                          | B beta-BHC      | 4.516 | 4.023 | 18353838 | 103.2E6  | 8.512   | 8.672     |
| 14)                         | MA Endrin       | 6.574 | 5.786 | 179.8E6  | 920.2E6  | 44.137  | 38.055    |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.927 | 1007470  | 6037975  | 0.297   | 0.275m    |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.181 | 338.0E6  | 1717.7E6 | 89.573  | 73.383    |
| 18)                         | B Endrin al...  | 6.920 | 6.254 | 355681   | 8337575  | 0.122   | 0.502 #   |
| 20)                         | A Methoxychlor  | 7.493 | 6.751 | 425.9E6  | 1730.7E6 | 212.415 | 141.952 # |
| 21)                         | B Endrin ke...  | 7.628 | 6.988 | 1632882  | 11503347 | 0.406m  | 0.470     |
| -----                       |                 |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072825\  
Data File : PD089638.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jul 2025 10:07  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

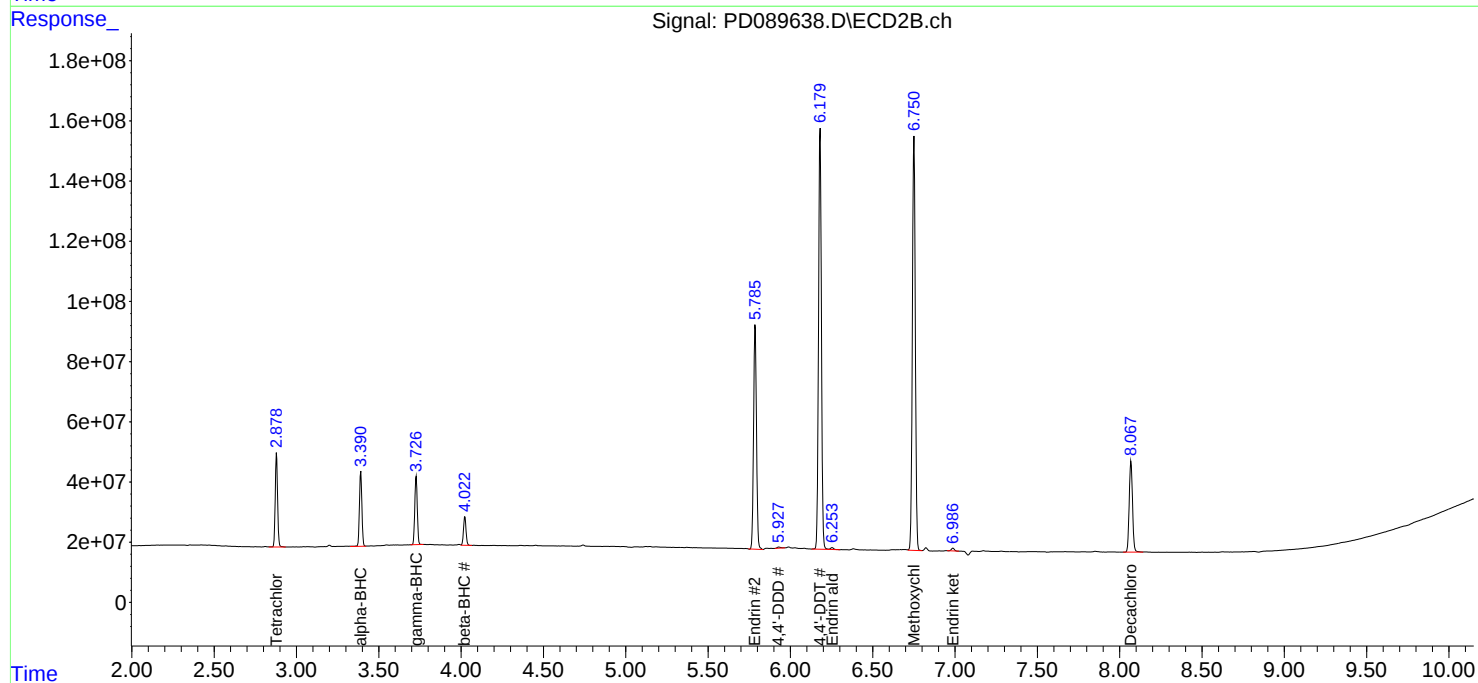
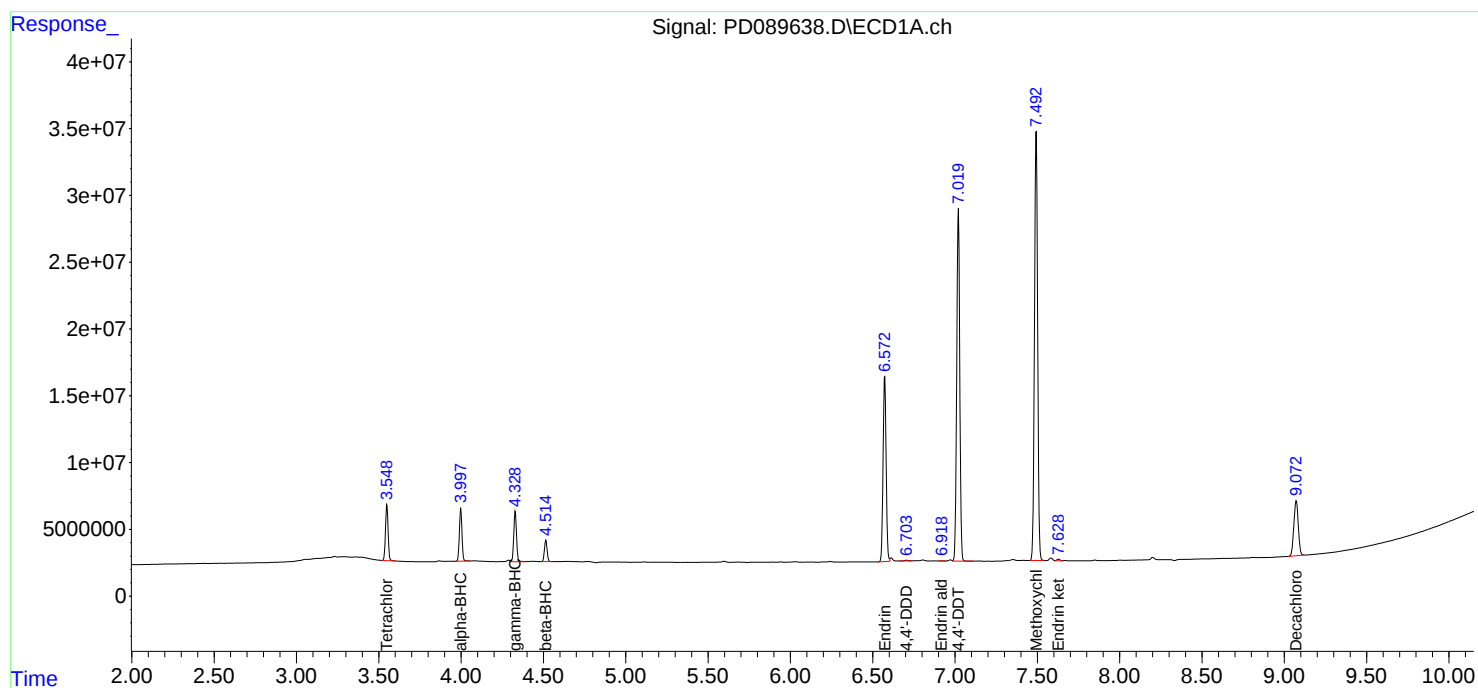
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

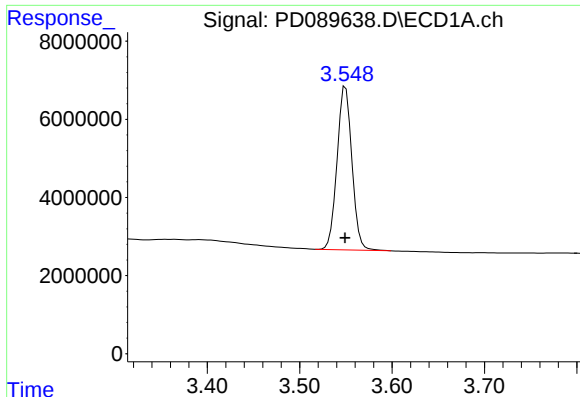
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 01:30:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 22 04:39:29 2025  
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





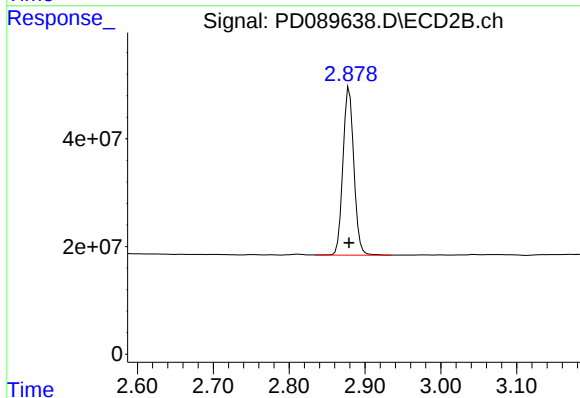
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 46808793  
Conc: 16.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

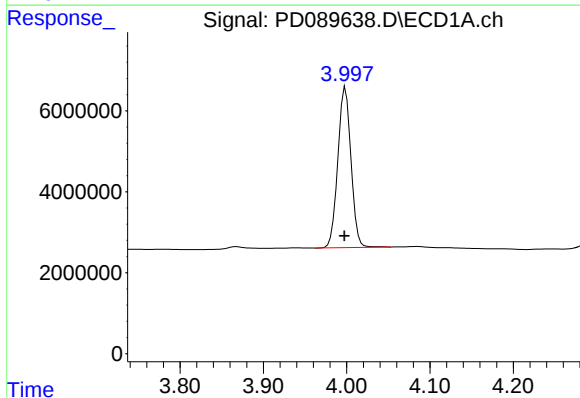
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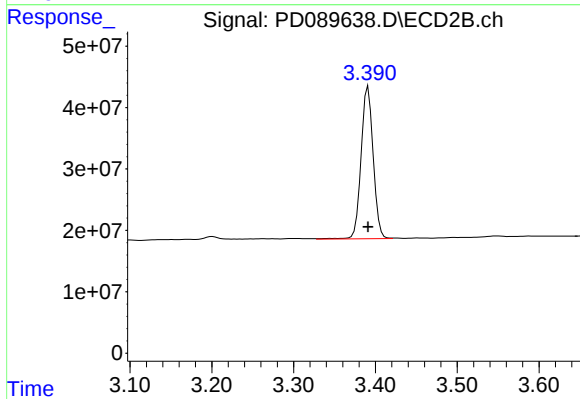
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: 0.000 min  
Response: 311562766  
Conc: 15.92 ng/ml



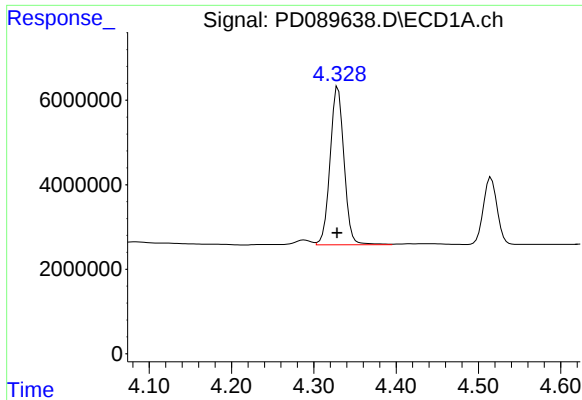
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.001 min  
Response: 43541775  
Conc: 7.63 ng/ml



#2 alpha-BHC

R.T.: 3.391 min  
Delta R.T.: 0.000 min  
Response: 254844642  
Conc: 8.48 ng/ml



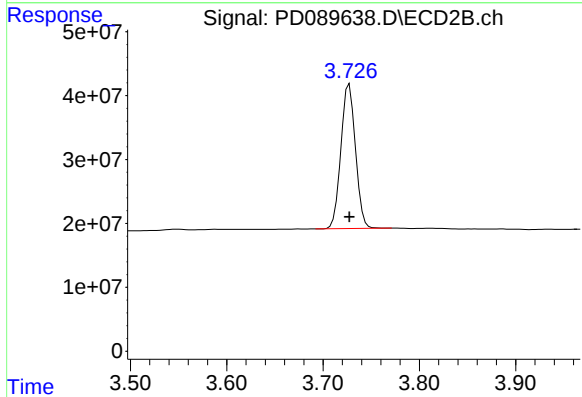
#3 gamma-BHC (Lindane)

R.T.: 4.329 min  
Delta R.T.: 0.001 min  
Response: 44078727  
Conc: 7.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

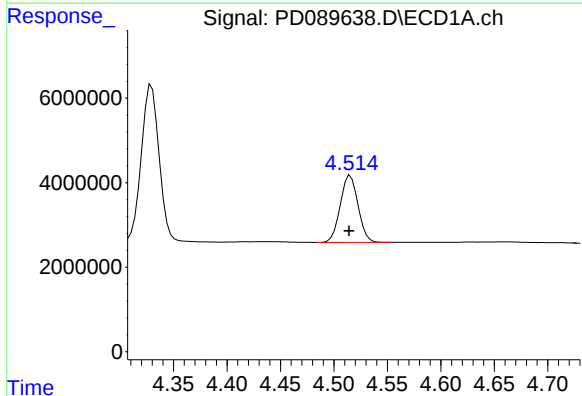
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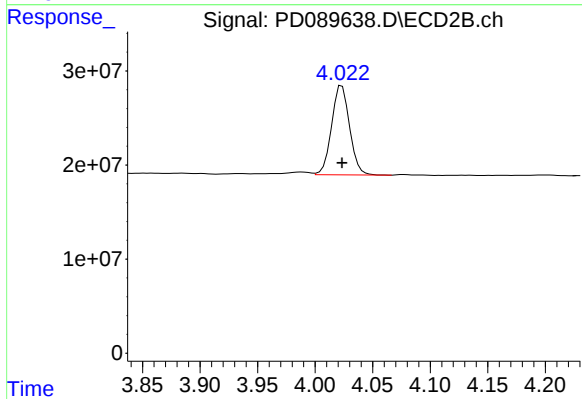
#3 gamma-BHC (Lindane)

R.T.: 3.727 min  
Delta R.T.: 0.000 min  
Response: 236579986  
Conc: 8.52 ng/ml



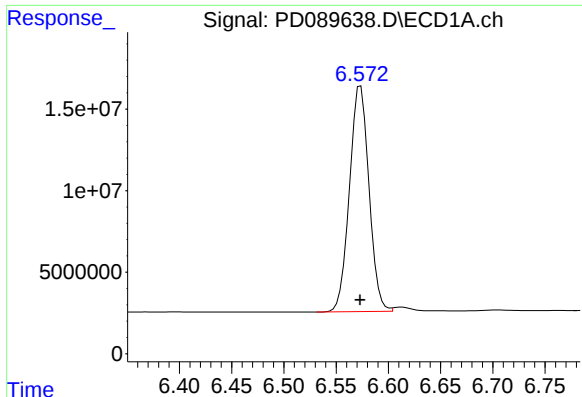
#6 beta-BHC

R.T.: 4.516 min  
Delta R.T.: 0.001 min  
Response: 18353838  
Conc: 8.51 ng/ml



#6 beta-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 103214925  
Conc: 8.67 ng/ml



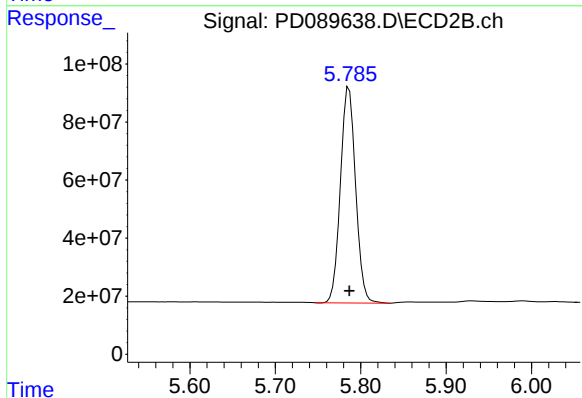
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.000 min  
Response: 179750811  
Conc: 44.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

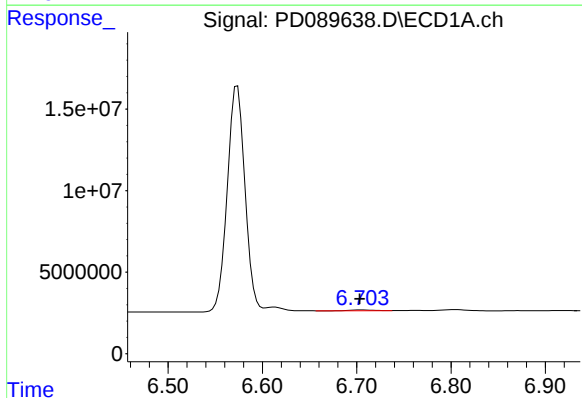
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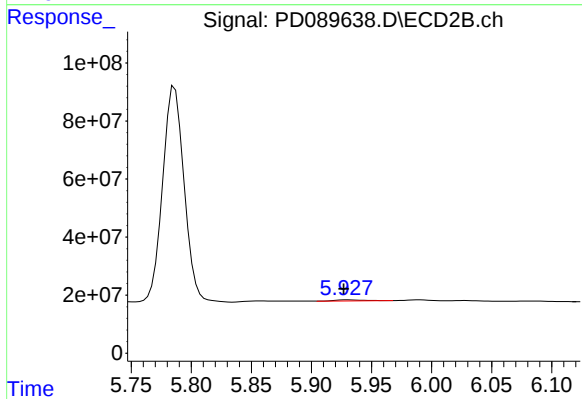
#14 Endrin

R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 920234921  
Conc: 38.06 ng/ml



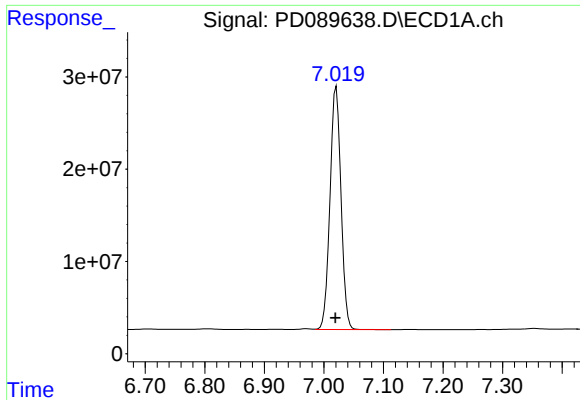
#16 4,4'-DDD

R.T.: 6.705 min  
Delta R.T.: 0.001 min  
Response: 1007470  
Conc: 0.30 ng/ml



#16 4,4'-DDD

R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 6037975  
Conc: 0.28 ng/ml m



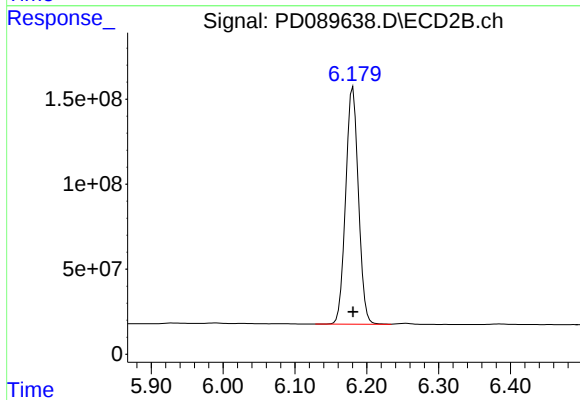
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: 0.001 min  
Response: 337953701  
Conc: 89.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

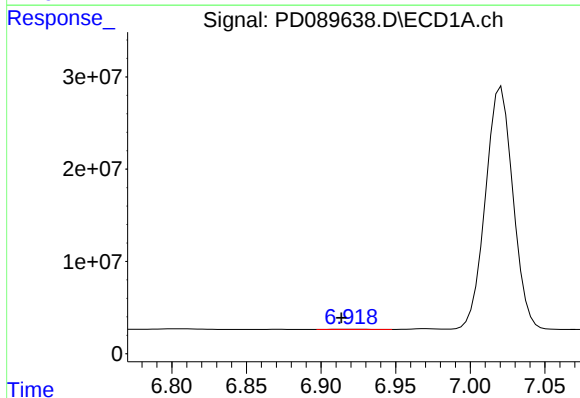
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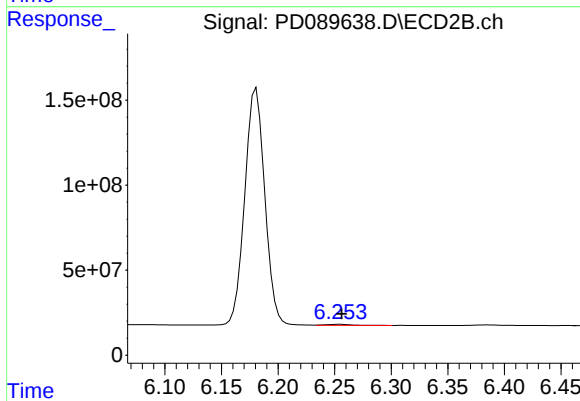
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: 0.000 min  
Response: 1717676686  
Conc: 73.38 ng/ml



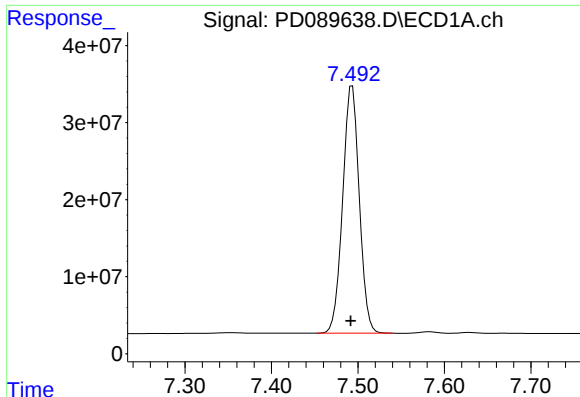
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: 0.006 min  
Response: 355681  
Conc: 0.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min  
Delta R.T.: -0.002 min  
Response: 8337575  
Conc: 0.50 ng/ml



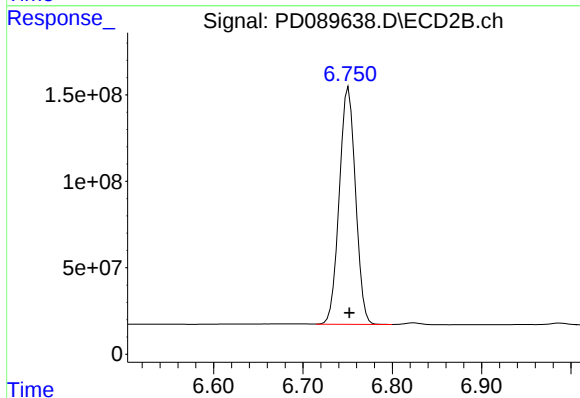
#20 Methoxychlor

R.T.: 7.493 min  
Delta R.T.: 0.002 min  
Response: 425868620  
Conc: 212.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

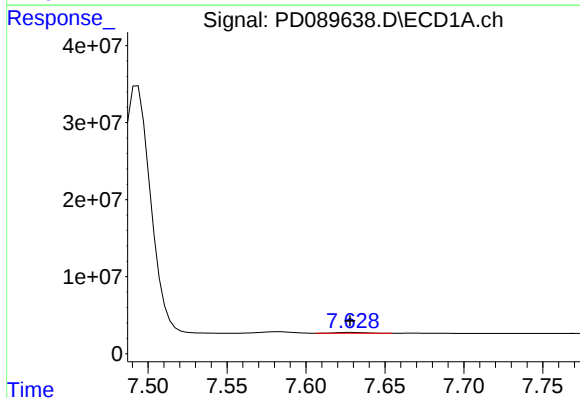
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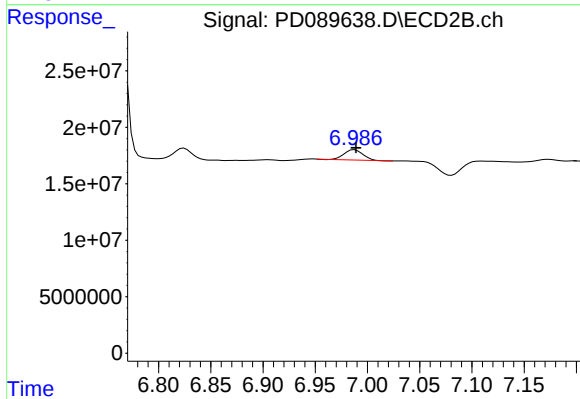
#20 Methoxychlor

R.T.: 6.751 min  
Delta R.T.: 0.000 min  
Response: 1730670707  
Conc: 141.95 ng/ml



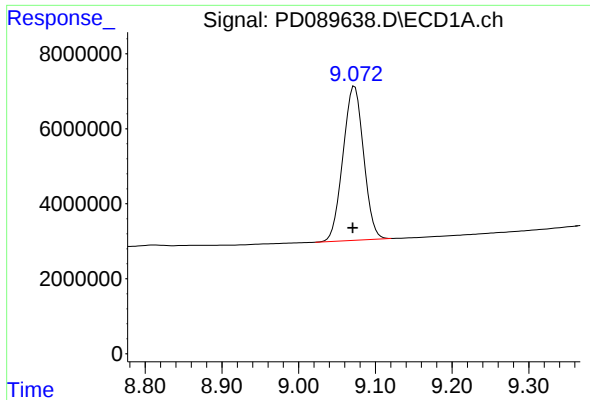
#21 Endrin ketone

R.T.: 7.628 min  
Delta R.T.: 0.000 min  
Response: 1632882  
Conc: 0.41 ng/ml m



#21 Endrin ketone

R.T.: 6.988 min  
Delta R.T.: -0.002 min  
Response: 11503347  
Conc: 0.47 ng/ml



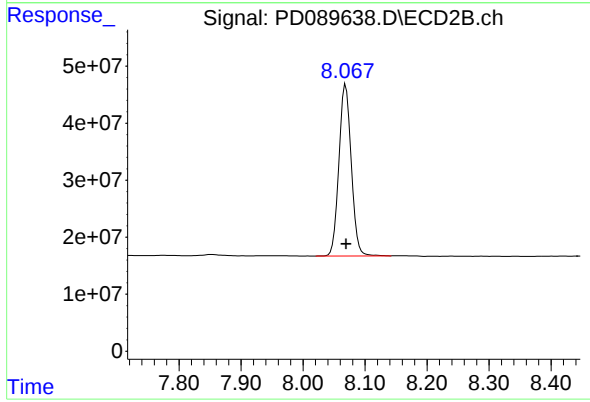
#28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: 0.002 min  
Response: 76988423  
Conc: 18.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

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#28 Decachlorobiphenyl

R.T.: 8.069 min  
Delta R.T.: 0.000 min  
Response: 417777954  
Conc: 17.00 ng/ml