

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092024\  
 Data File : PD085443.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Sep 2024 19:16  
 Operator : AR\AJ  
 Sample : PEM220  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM135

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/23/2024  
 Supervised By : Ankita Jodhani 09/23/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 21 01:35:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091924CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 20 05:48:22 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

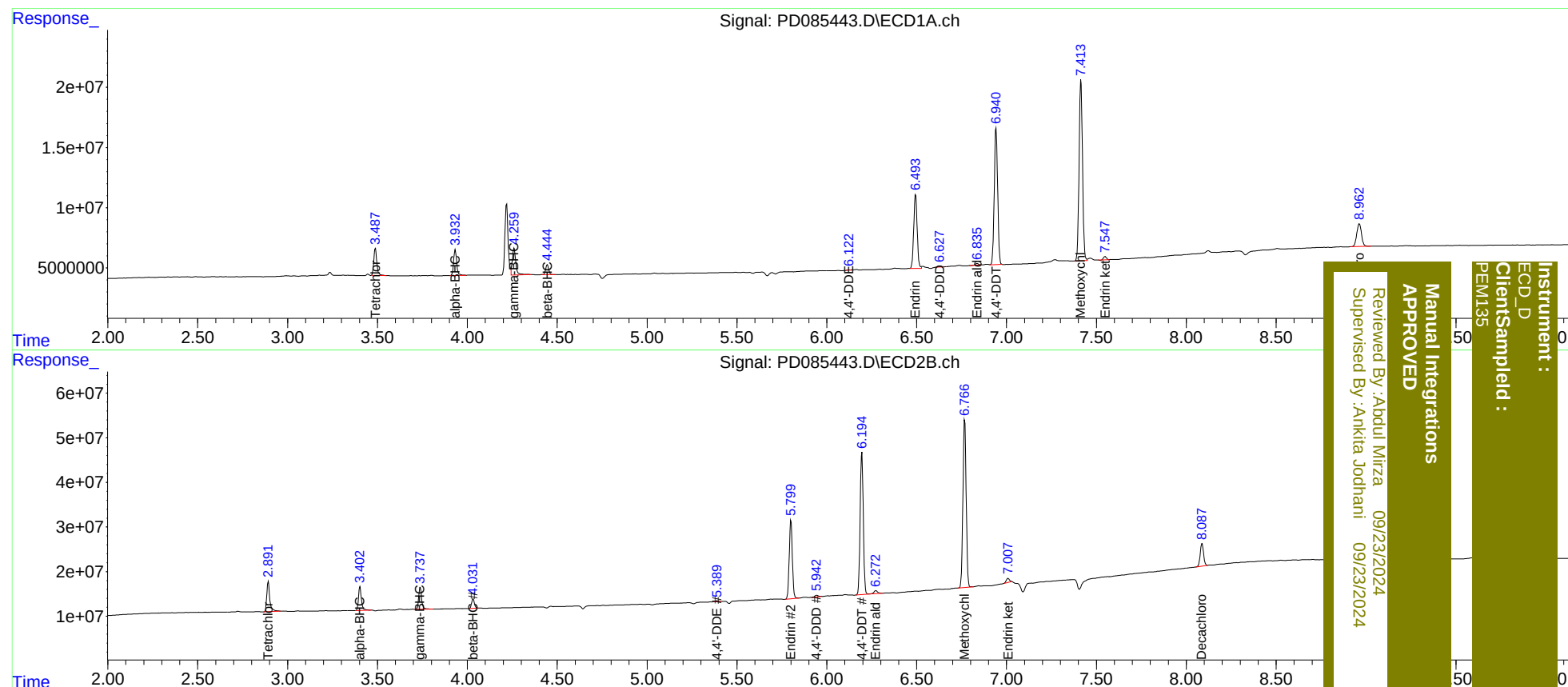
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|---------|
| -----                       |                 |       |       |          |          |          |         |
| System Monitoring Compounds |                 |       |       |          |          |          |         |
| 1)                          | SA Tetrachlo... | 3.489 | 2.891 | 26651833 | 79573995 | 22.008   | 21.052m |
| 2)                          | SA Decachlor... | 8.963 | 8.088 | 35015935 | 66818044 | 21.345   | 24.995  |
| Target Compounds            |                 |       |       |          |          |          |         |
| 2)                          | A alpha-BHC     | 3.933 | 3.402 | 25609641 | 60021890 | 10.839   | 10.869m |
| 3)                          | MA gamma-BHC... | 4.261 | 3.738 | 30254362 | 56361624 | 12.093   | 10.815  |
| 6)                          | B beta-BHC      | 4.445 | 4.031 | 9812544  | 23679233 | 10.290   | 10.182m |
| 12)                         | B 4,4'-DDE      | 6.122 | 5.389 | 251407   | 2336157  | 0.144m   | 0.545m# |
| 14)                         | MA Endrin       | 6.494 | 5.801 | 81822509 | 212.7E6  | 50.891   | 51.278  |
| 16)                         | A 4,4'-DDD      | 6.627 | 5.942 | 1220733  | 5500045  | 0.927m   | 1.642m# |
| 17)                         | MA 4,4'-DDT     | 6.940 | 6.195 | 149.1E6  | 389.6E6  | 122.349m | 122.988 |
| 18)                         | B Endrin al...  | 6.836 | 6.273 | 1872700  | 9694423  | 1.581    | 3.506 # |
| 20)                         | A Methoxychlor  | 7.414 | 6.767 | 199.1E6  | 472.5E6  | 272.145  | 291.124 |
| 21)                         | B Endrin ke...  | 7.548 | 7.007 | 2988888  | 10984157 | 1.870    | 2.365m# |
| -----                       |                 |       |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092024\  
Data File : PD085443.D  
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Acq On : 20 Sep 2024 19:16  
Operator : AR\AJ  
Sample : PEM220  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

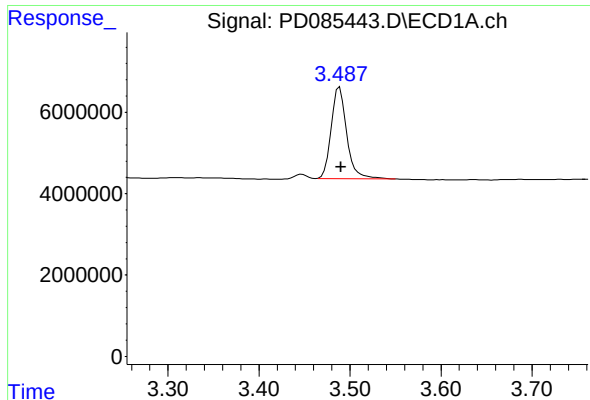
Integration File signal 1: autoint1.e  
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Instrument :  
ECD\_D  
Client Sampled :  
PEM135



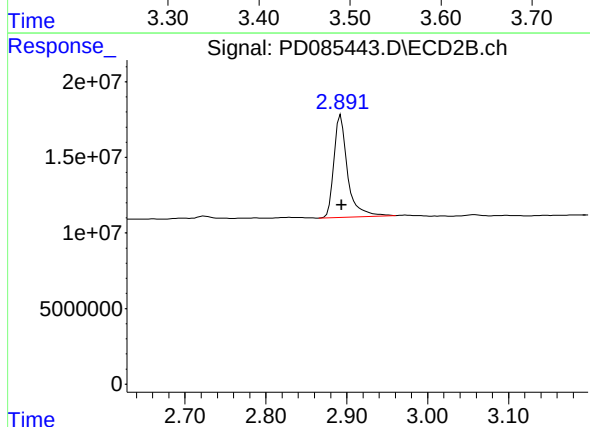
#1 Tetrachloro-m-xylene

R.T.: 3.489 min  
Delta R.T.: -0.001 min  
Response: 26651833  
Conc: 22.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM135

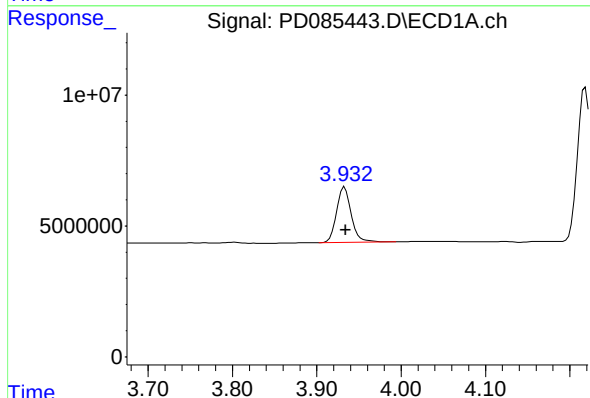
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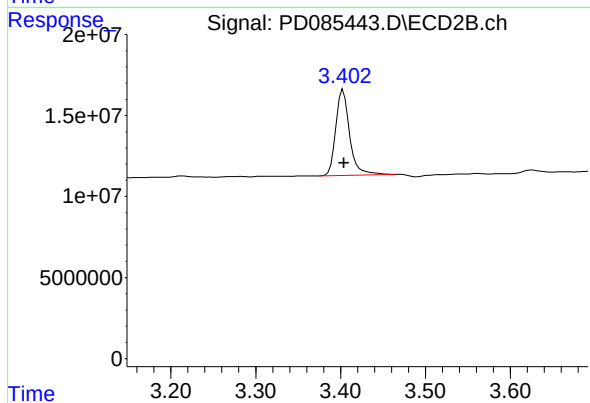
#1 Tetrachloro-m-xylene

R.T.: 2.891 min  
Delta R.T.: -0.003 min  
Response: 79573995  
Conc: 21.05 ng/ml m



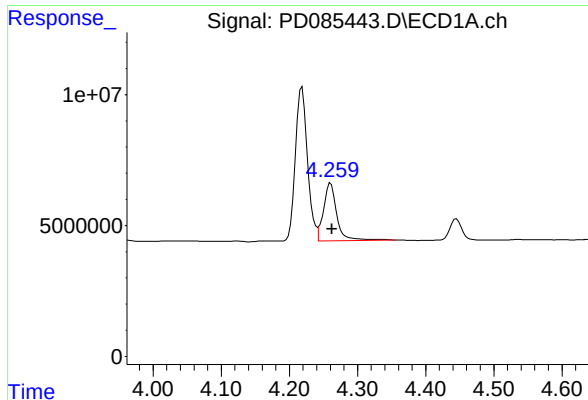
#2 alpha-BHC

R.T.: 3.933 min  
Delta R.T.: -0.001 min  
Response: 25609641  
Conc: 10.84 ng/ml



#2 alpha-BHC

R.T.: 3.402 min  
Delta R.T.: -0.003 min  
Response: 60021890  
Conc: 10.87 ng/ml m



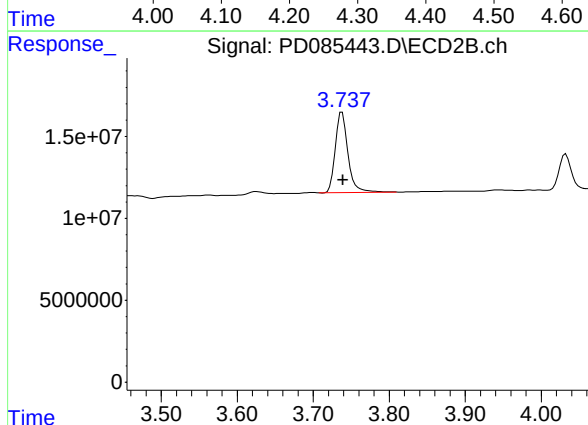
#3 gamma-BHC (Lindane)

R.T.: 4.261 min  
Delta R.T.: -0.002 min  
Response: 30254362  
Conc: 12.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM135

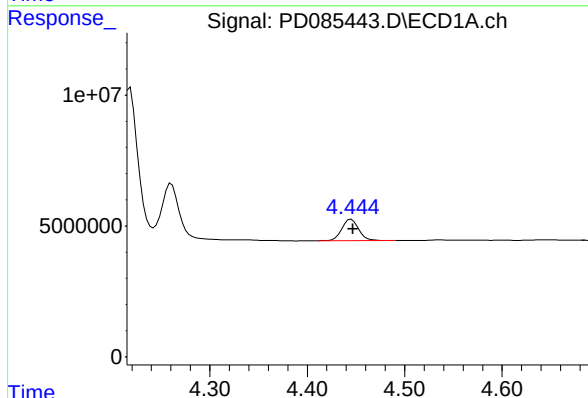
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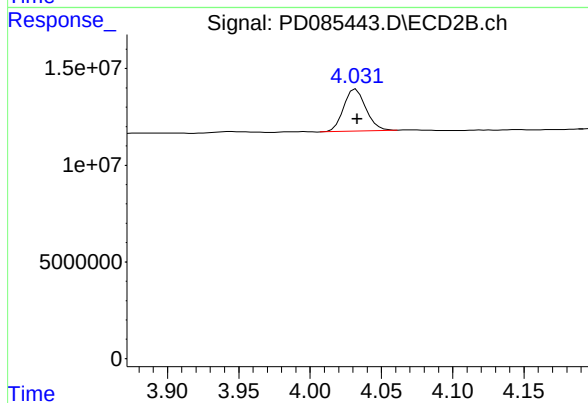
#3 gamma-BHC (Lindane)

R.T.: 3.738 min  
Delta R.T.: -0.001 min  
Response: 56361624  
Conc: 10.82 ng/ml



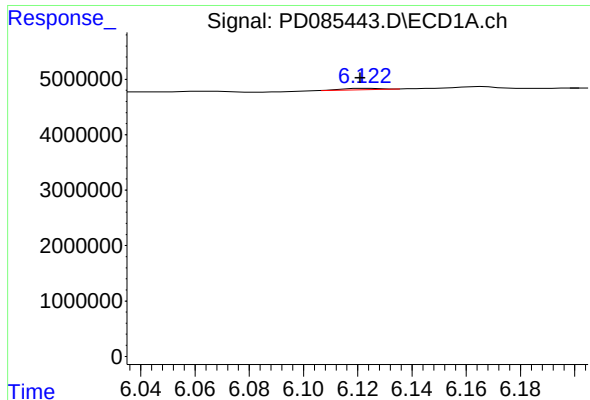
#6 beta-BHC

R.T.: 4.445 min  
Delta R.T.: -0.002 min  
Response: 9812544  
Conc: 10.29 ng/ml



#6 beta-BHC

R.T.: 4.031 min  
Delta R.T.: -0.002 min  
Response: 23679233  
Conc: 10.18 ng/ml m



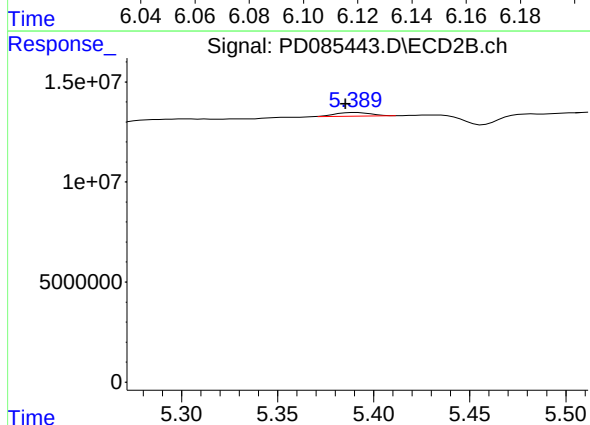
#12 4,4'-DDE

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 251407  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM135

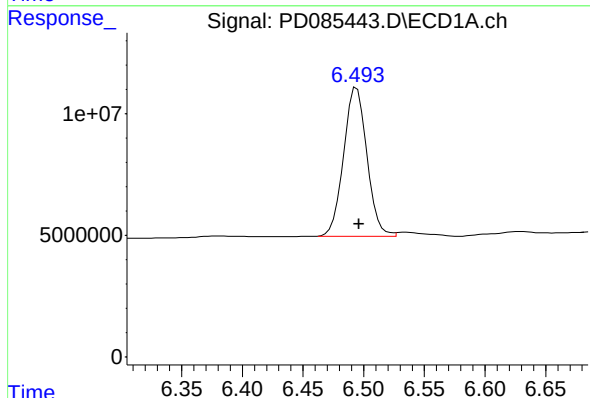
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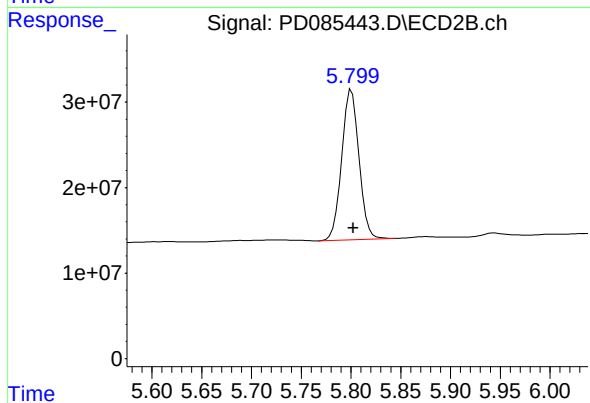
#12 4,4'-DDE

R.T.: 5.389 min  
Delta R.T.: 0.004 min  
Response: 2336157  
Conc: 0.55 ng/ml m



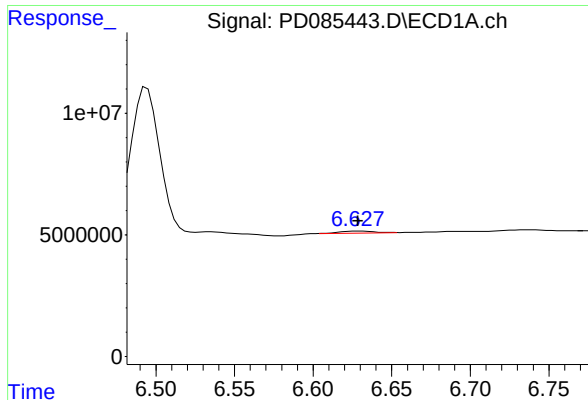
#14 Endrin

R.T.: 6.494 min  
Delta R.T.: -0.002 min  
Response: 81822509  
Conc: 50.89 ng/ml



#14 Endrin

R.T.: 5.801 min  
Delta R.T.: -0.002 min  
Response: 212687046  
Conc: 51.28 ng/ml



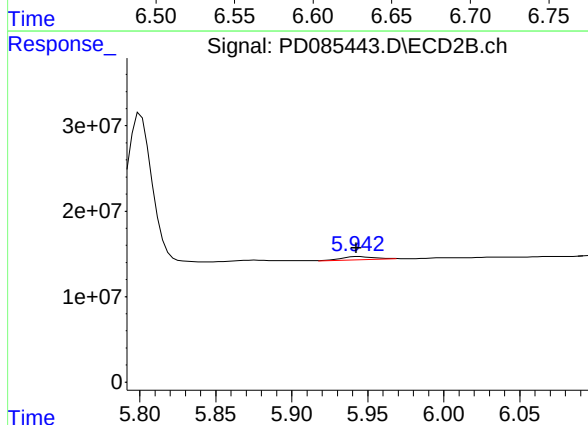
#16 4,4'-DDD

R.T.: 6.627 min  
Delta R.T.: -0.002 min  
Response: 1220733  
Conc: 0.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM135

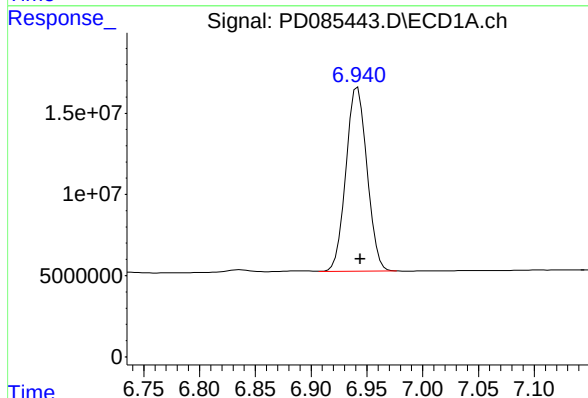
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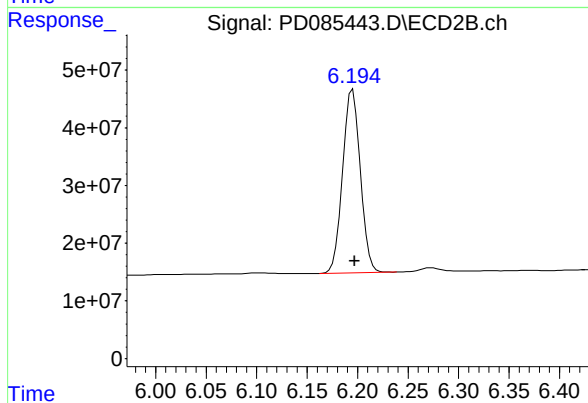
#16 4,4'-DDD

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 5500045  
Conc: 1.64 ng/ml



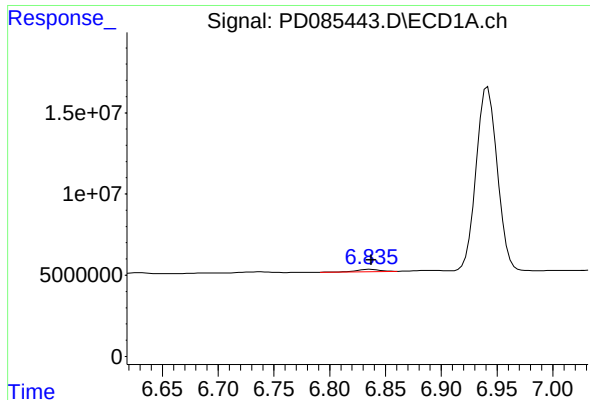
#17 4,4'-DDT

R.T.: 6.940 min  
Delta R.T.: -0.004 min  
Response: 149145371  
Conc: 122.35 ng/ml



#17 4,4'-DDT

R.T.: 6.195 min  
Delta R.T.: -0.002 min  
Response: 389554127  
Conc: 122.99 ng/ml



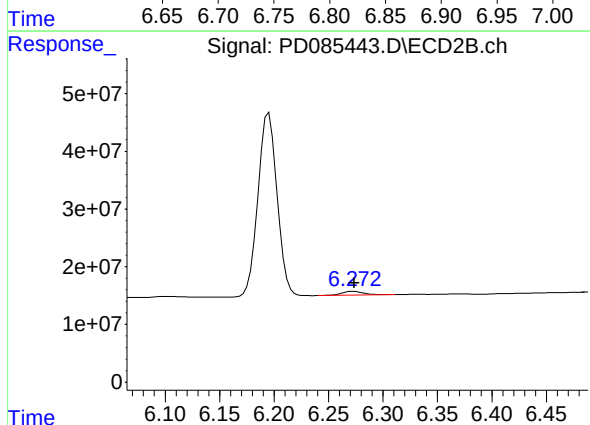
#18 Endrin aldehyde

R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 1872700  
Conc: 1.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM135

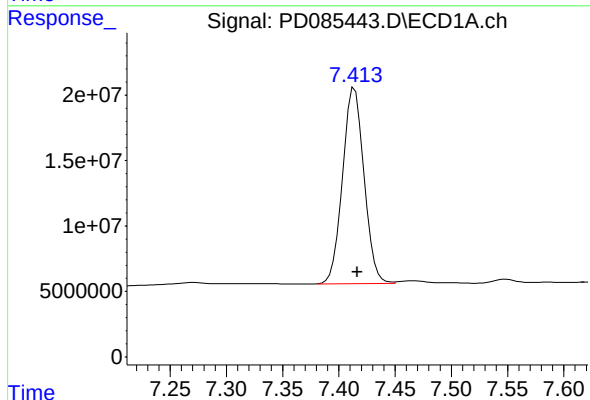
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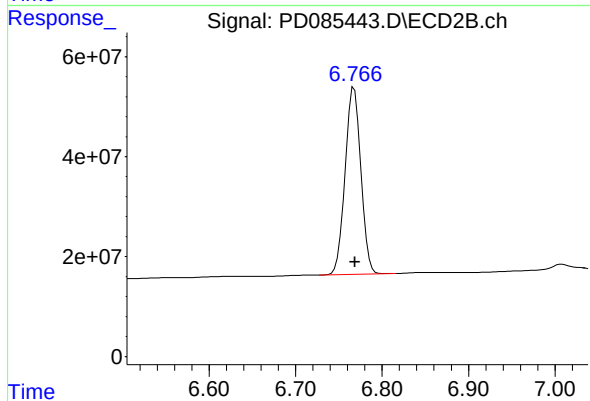
#18 Endrin aldehyde

R.T.: 6.273 min  
Delta R.T.: 0.000 min  
Response: 9694423  
Conc: 3.51 ng/ml



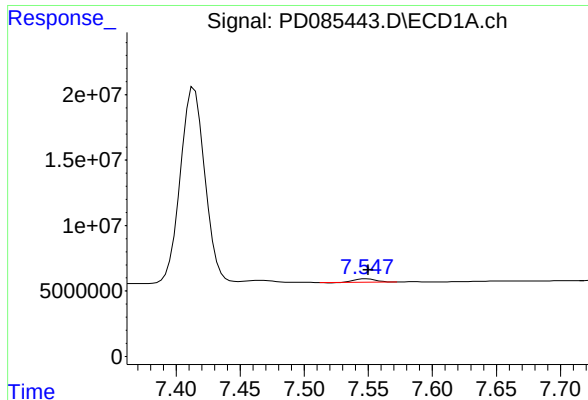
#20 Methoxychlor

R.T.: 7.414 min  
Delta R.T.: -0.002 min  
Response: 199114161  
Conc: 272.15 ng/ml



#20 Methoxychlor

R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 472472135  
Conc: 291.12 ng/ml



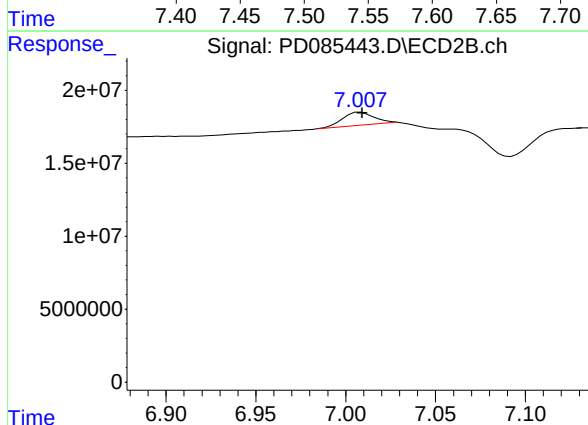
#21 Endrin ketone

R.T.: 7.548 min  
Delta R.T.: -0.002 min  
Response: 2988888  
Conc: 1.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM135

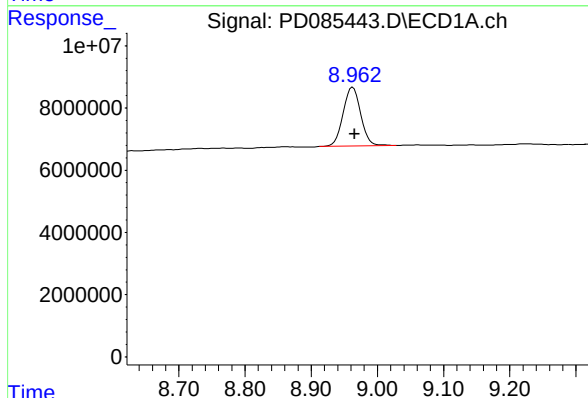
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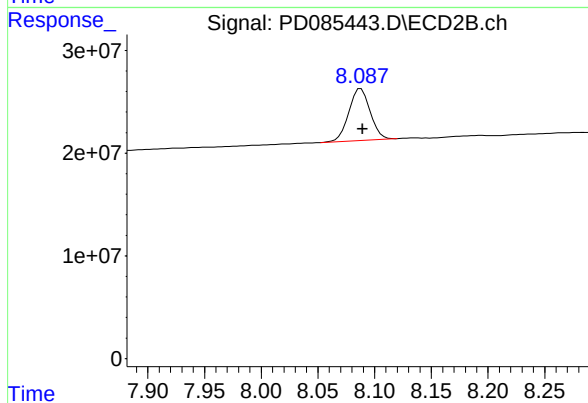
#21 Endrin ketone

R.T.: 7.007 min  
Delta R.T.: -0.002 min  
Response: 10984157  
Conc: 2.36 ng/ml m



#27 Decachlorobiphenyl

R.T.: 8.963 min  
Delta R.T.: -0.003 min  
Response: 35015935  
Conc: 21.35 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.088 min  
Delta R.T.: -0.002 min  
Response: 66818044  
Conc: 24.99 ng/ml