

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030323\  
 Data File : PD074109.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2023 10:43  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/03/2023  
 Supervised By : Ankita Jodhani 03/03/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 02 21:28:59 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 01 01:35:06 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.553 | 2.775 | 44015377 | 22298592 | 19.211  | 18.827  |
| 28)                         | SA Decachlor... | 9.101 | 7.931 | 54038581 | 23511854 | 20.273  | 19.203  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.010 | 3.279 | 34570496 | 16076927 | 9.030   | 8.984   |
| 3)                          | MA gamma-BHC... | 4.343 | 3.609 | 33391740 | 14885762 | 9.504   | 8.974   |
| 6)                          | B beta-BHC      | 4.537 | 3.904 | 16137537 | 7676037  | 10.738  | 10.440  |
| 12)                         | B 4,4'-DDE      | 6.214 | 5.243 | 516128   | 345542   | 0.182   | 0.249 # |
| 14)                         | MA Endrin       | 6.600 | 5.647 | 113.5E6  | 56135514 | 43.284  | 42.968  |
| 16)                         | A 4,4'-DDD      | 6.732 | 5.796 | 9574130  | 4959577  | 4.086   | 4.298   |
| 17)                         | MA 4,4'-DDT     | 7.047 | 6.047 | 235.6E6  | 107.9E6  | 86.386m | 90.092  |
| 18)                         | B Endrin al...  | 6.949 | 6.122 | 4800432  | 3177163  | 2.316   | 3.122 # |
| 20)                         | A Methoxychlor  | 7.523 | 6.624 | 316.9E6  | 135.7E6  | 213.362 | 207.396 |
| 21)                         | B Endrin ke...  | 7.671 | 6.850 | 11034196 | 5574736  | 3.764   | 3.836   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030323\  
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Acq On : 02 Mar 2023 10:43  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

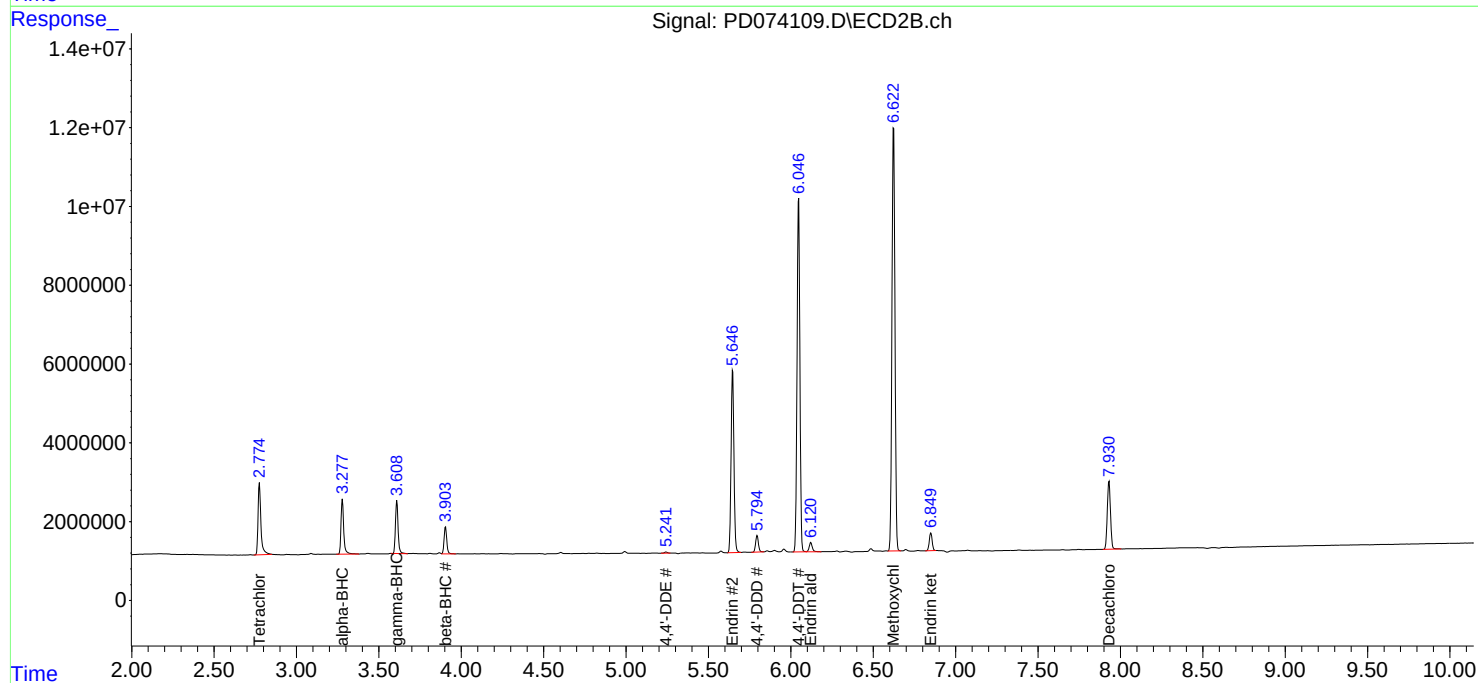
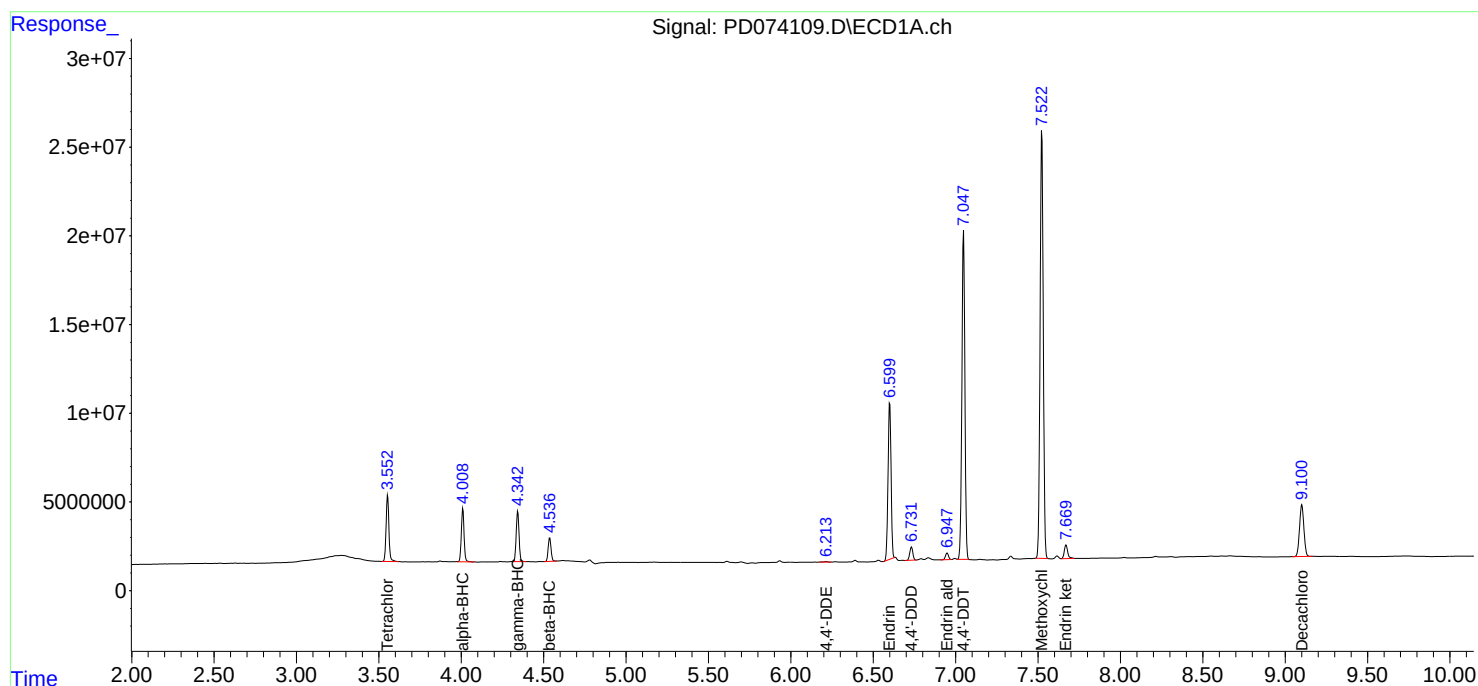
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

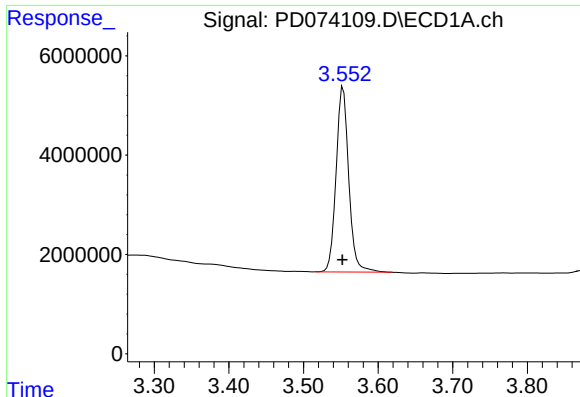
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030123.M  
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Signal #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





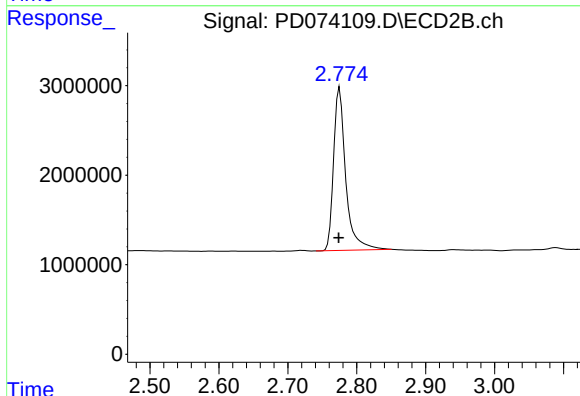
#1 Tetrachloro-m-xylene

R.T.: 3.553 min  
Delta R.T.: 0.001 min  
Response: 44015377  
Conc: 19.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

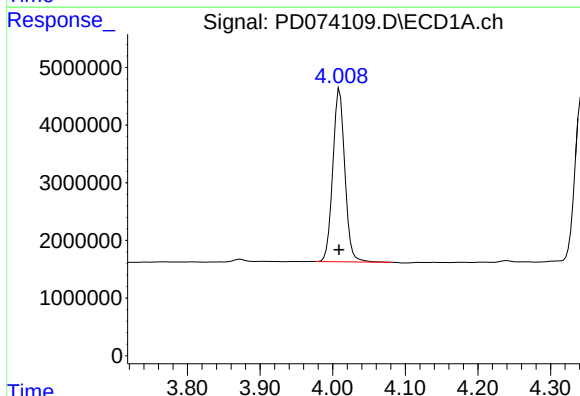
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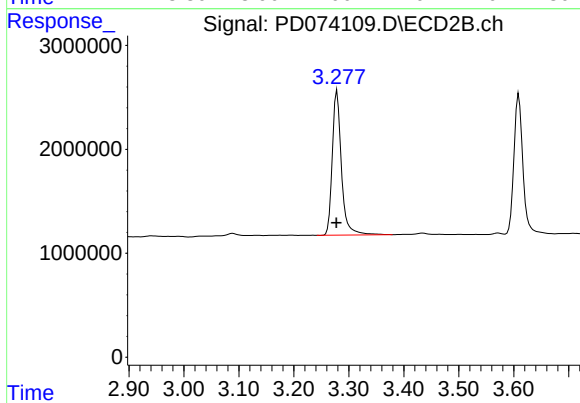
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: 0.001 min  
Response: 22298592  
Conc: 18.83 ng/ml



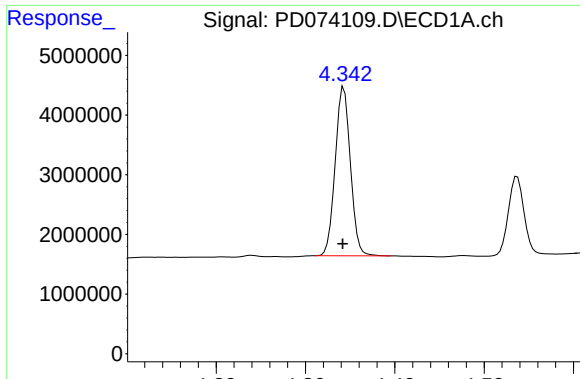
#2 alpha-BHC

R.T.: 4.010 min  
Delta R.T.: 0.000 min  
Response: 34570496  
Conc: 9.03 ng/ml



#2 alpha-BHC

R.T.: 3.279 min  
Delta R.T.: 0.000 min  
Response: 16076927  
Conc: 8.98 ng/ml



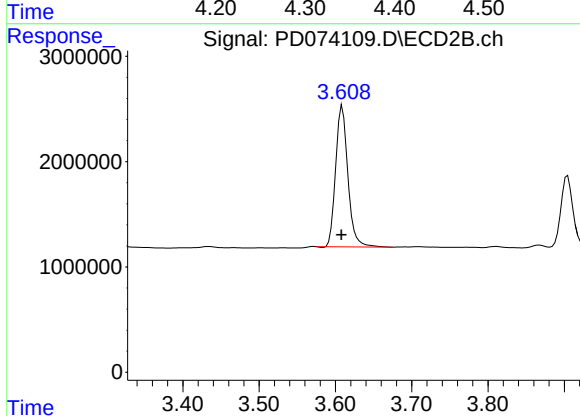
#3 gamma-BHC (Lindane)

R.T.: 4.343 min  
Delta R.T.: 0.001 min  
Response: 33391740  
Conc: 9.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

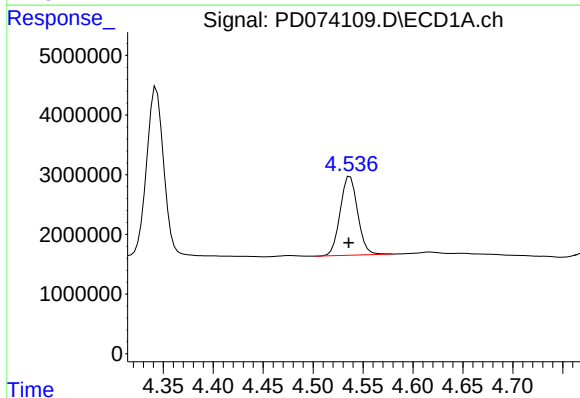
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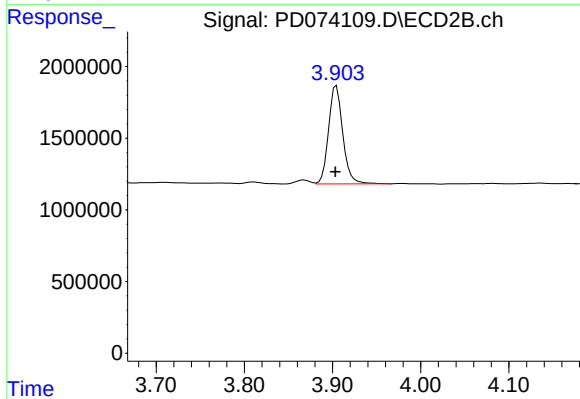
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: 0.002 min  
Response: 14885762  
Conc: 8.97 ng/ml



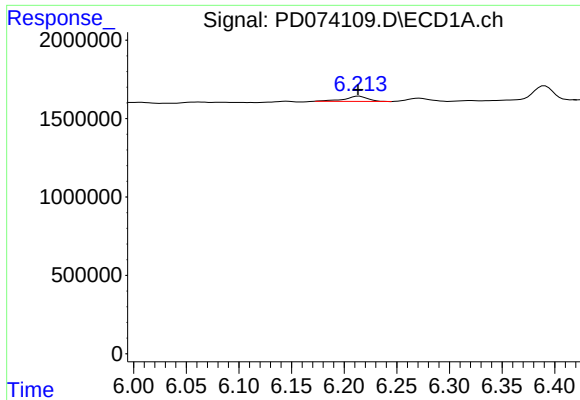
#6 beta-BHC

R.T.: 4.537 min  
Delta R.T.: 0.001 min  
Response: 16137537  
Conc: 10.74 ng/ml



#6 beta-BHC

R.T.: 3.904 min  
Delta R.T.: 0.001 min  
Response: 7676037  
Conc: 10.44 ng/ml



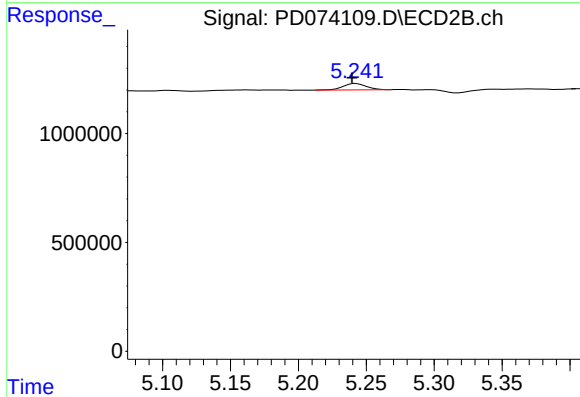
#12 4,4'-DDE

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 516128  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

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#12 4,4'-DDE

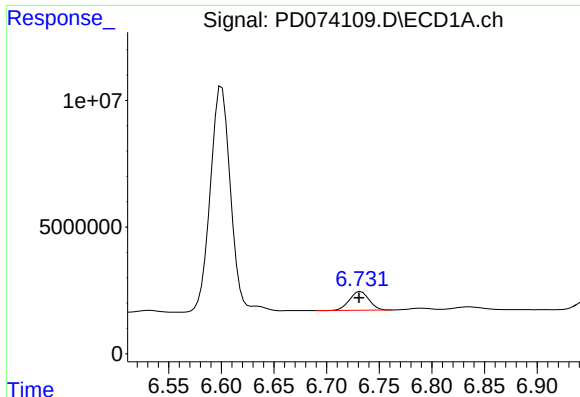
R.T.: 5.243 min  
Delta R.T.: 0.003 min  
Response: 345542  
Conc: 0.25 ng/ml

#14 Endrin

R.T.: 6.600 min  
Delta R.T.: 0.002 min  
Response: 113543065  
Conc: 43.28 ng/ml

#14 Endrin

R.T.: 5.647 min  
Delta R.T.: 0.001 min  
Response: 56135514  
Conc: 42.97 ng/ml



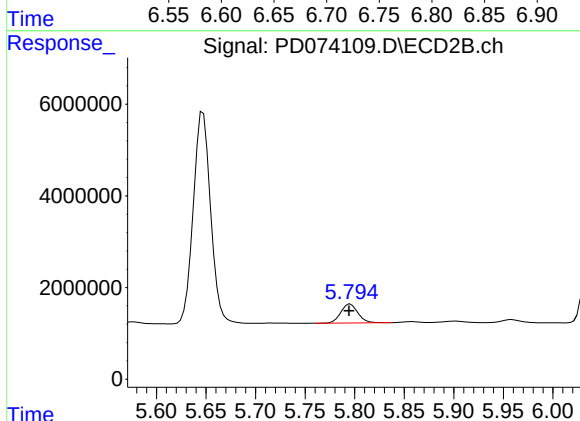
#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: 0.002 min  
Response: 9574130  
Conc: 4.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

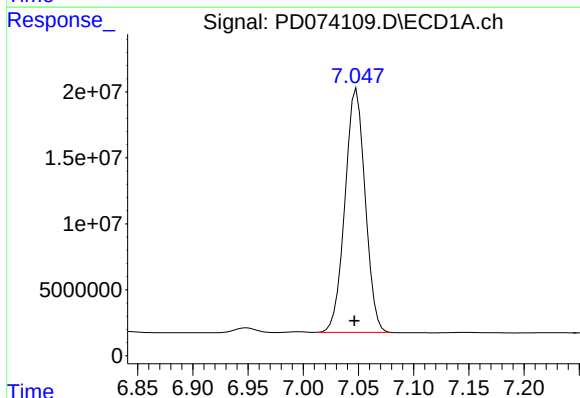
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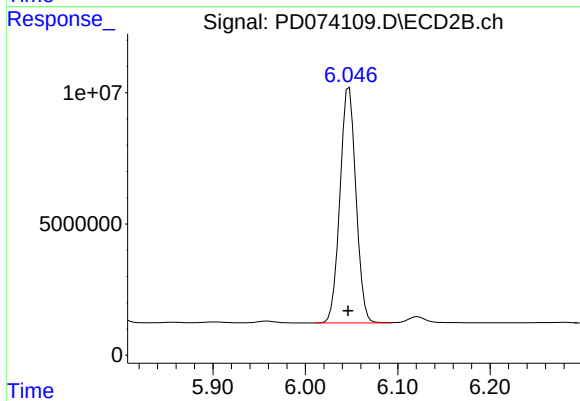
#16 4,4'-DDD

R.T.: 5.796 min  
Delta R.T.: 0.001 min  
Response: 4959577  
Conc: 4.30 ng/ml



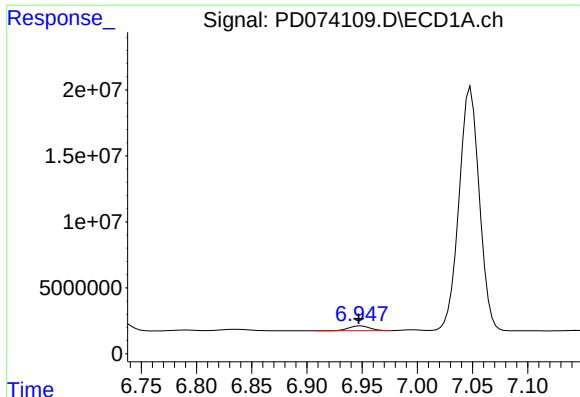
#17 4,4'-DDT

R.T.: 7.047 min  
Delta R.T.: 0.000 min  
Response: 235579029  
Conc: 86.39 ng/ml m



#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: 0.001 min  
Response: 107907109  
Conc: 90.09 ng/ml



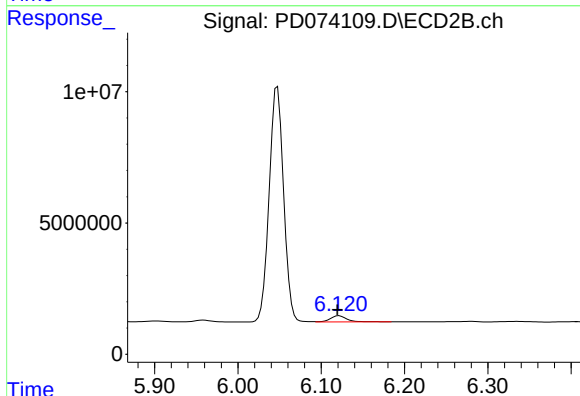
#18 Endrin aldehyde

R.T.: 6.949 min  
Delta R.T.: 0.002 min  
Response: 4800432  
Conc: 2.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

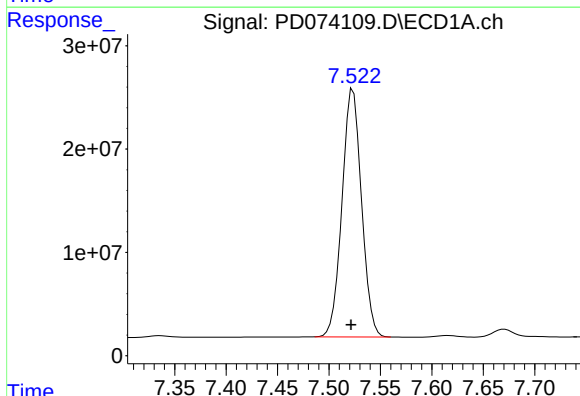
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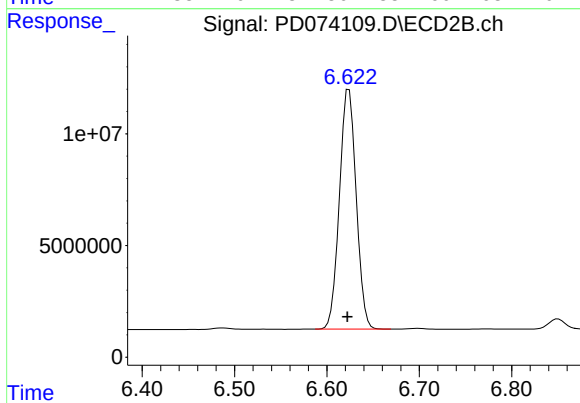
#18 Endrin aldehyde

R.T.: 6.122 min  
Delta R.T.: 0.002 min  
Response: 3177163  
Conc: 3.12 ng/ml



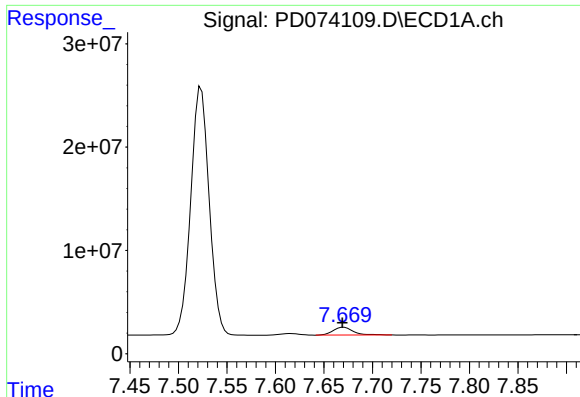
#20 Methoxychlor

R.T.: 7.523 min  
Delta R.T.: 0.002 min  
Response: 316874032  
Conc: 213.36 ng/ml



#20 Methoxychlor

R.T.: 6.624 min  
Delta R.T.: 0.002 min  
Response: 135660268  
Conc: 207.40 ng/ml



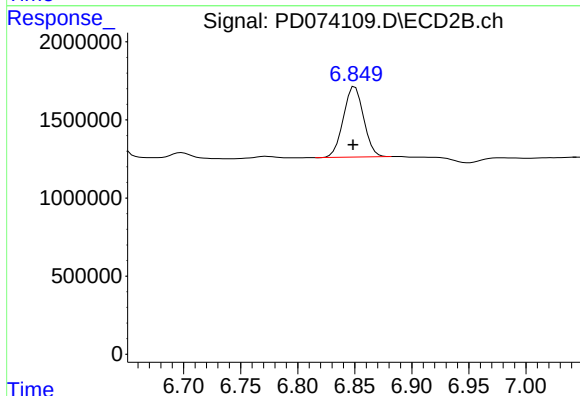
#21 Endrin ketone

R.T.: 7.671 min  
Delta R.T.: 0.002 min  
Response: 11034196  
Conc: 3.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

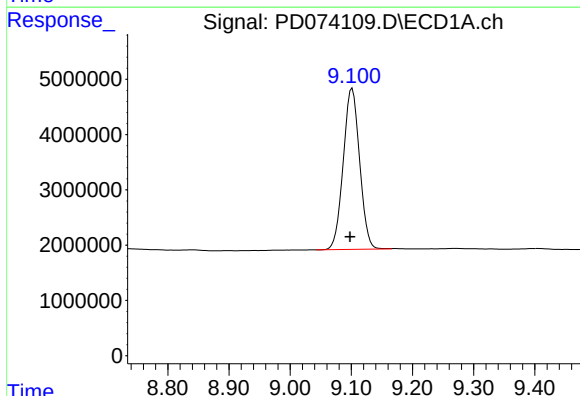
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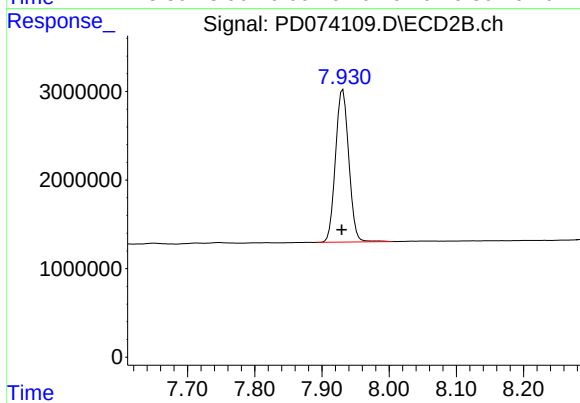
#21 Endrin ketone

R.T.: 6.850 min  
Delta R.T.: 0.002 min  
Response: 5574736  
Conc: 3.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min  
Delta R.T.: 0.003 min  
Response: 54038581  
Conc: 20.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: 0.002 min  
Response: 23511854  
Conc: 19.20 ng/ml