

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101725\  
 Data File : PD090669.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2025 20:04  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 02:29:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 17 17:43:28 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... | 3.544 | 2.874 | 70552955 | 668.8E6  | 22.655  | 22.461  |
| 28)                         | SA Decachlor... | 9.065 | 8.061 | 112.0E6  | 732.0E6  | 23.948  | 24.167  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.993 | 3.386 | 69124953 | 561.1E6  | 9.631   | 10.980  |
| 3)                          | MA gamma-BHC... | 4.324 | 3.723 | 67550443 | 525.3E6  | 9.936   | 11.117  |
| 6)                          | B beta-BHC      | 4.512 | 4.019 | 28133405 | 224.0E6  | 10.739  | 11.299  |
| 14)                         | MA Endrin       | 6.568 | 5.781 | 262.1E6  | 2149.8E6 | 52.912  | 53.089  |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.926 | 2004636  | 33179154 | 0.494m  | 0.911m# |
| 17)                         | MA 4,4'-DDT     | 7.016 | 6.175 | 427.1E6  | 3754.0E6 | 103.901 | 107.034 |
| 18)                         | B Endrin al...  | 6.910 | 6.248 | 958907   | 20792420 | 0.262m  | 0.751 # |
| 20)                         | A Methoxychlor  | 7.489 | 6.746 | 515.5E6  | 3886.8E6 | 242.543 | 223.020 |
| 21)                         | B Endrin ke...  | 7.625 | 6.983 | 3150739  | 30155925 | 0.648   | 0.800   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101725\  
Data File : PD090669.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Oct 2025 20:04  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

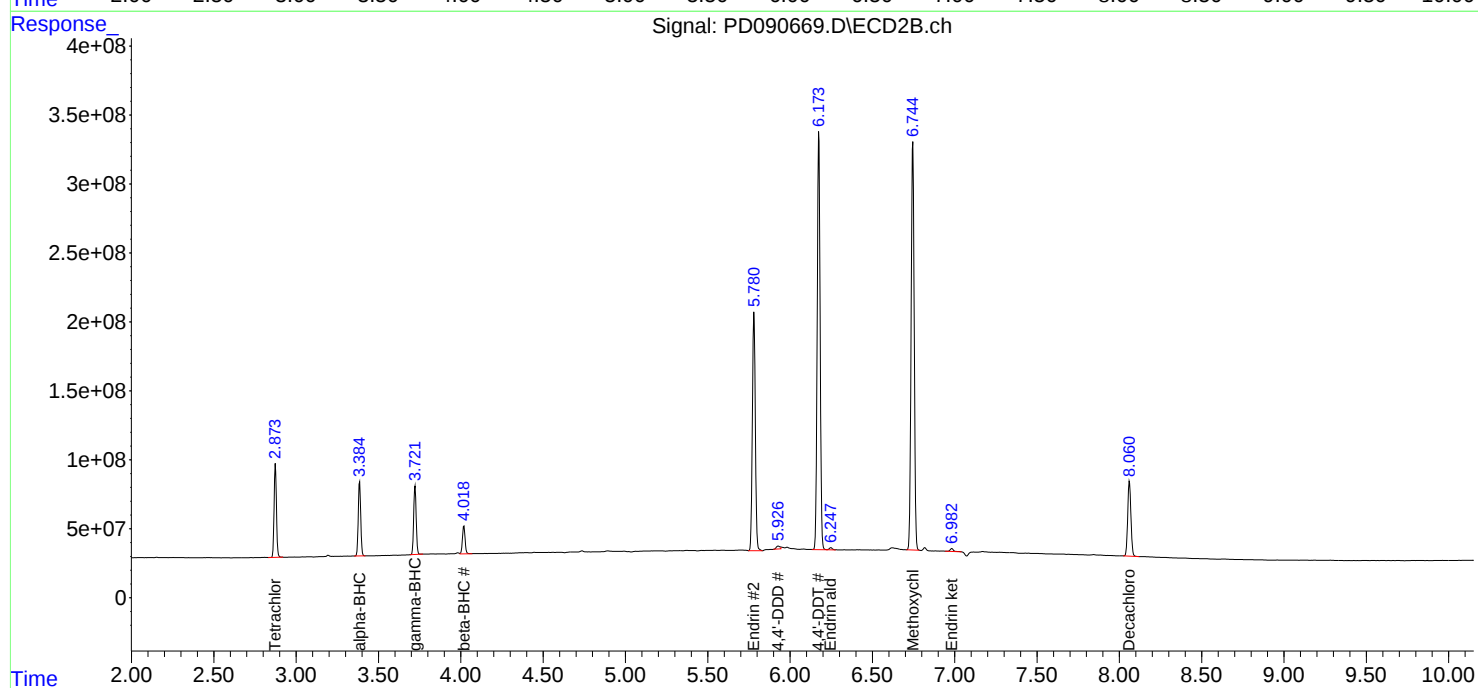
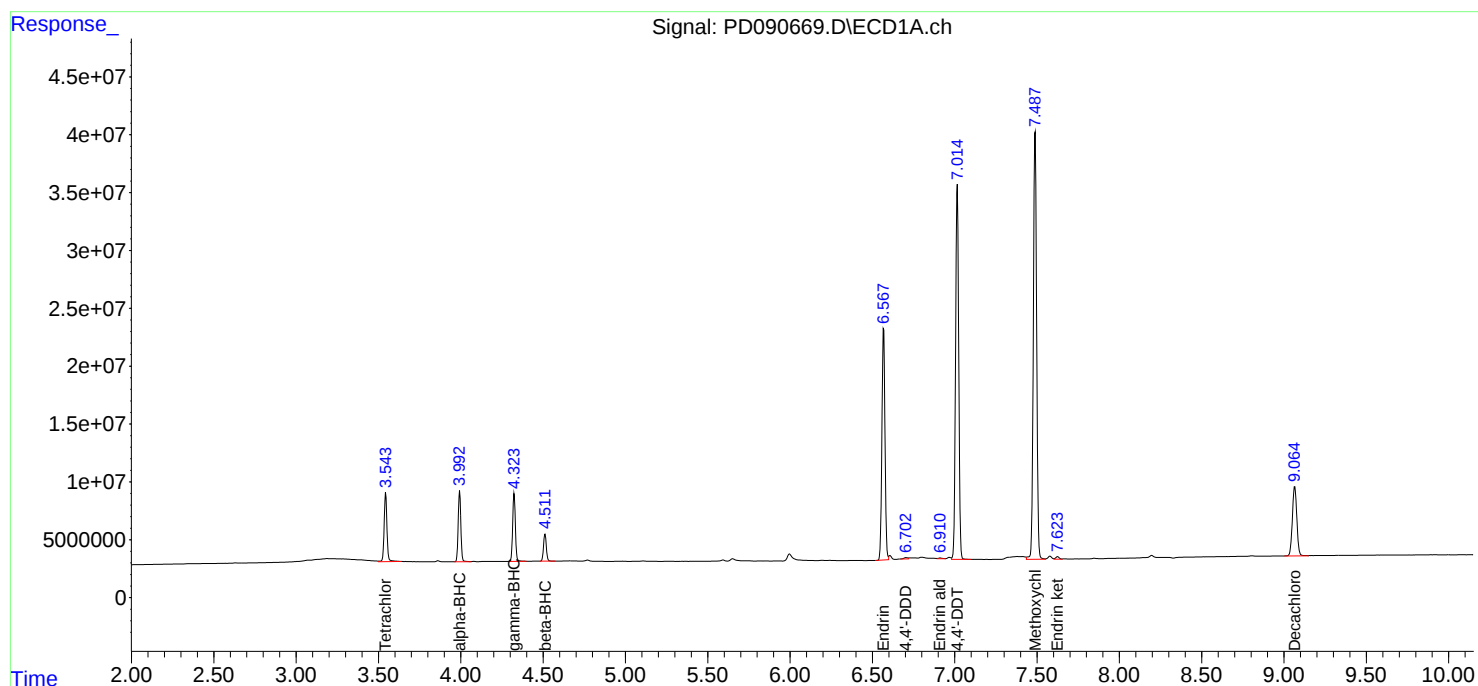
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

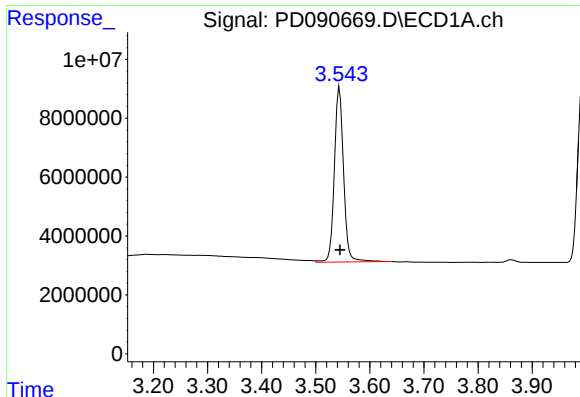
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 10/21/2025  
Supervised By : mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 02:29:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 17 17:43:28 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





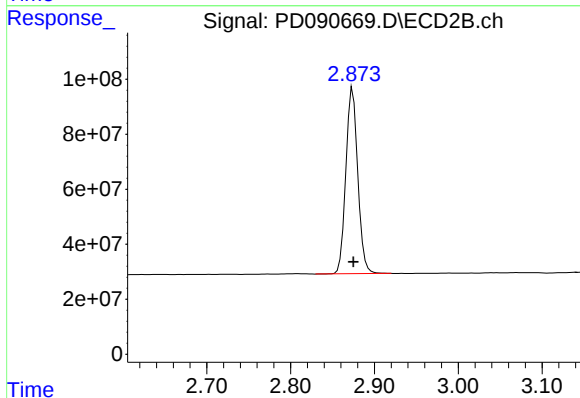
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: -0.001 min  
Response: 70552955  
Conc: 22.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

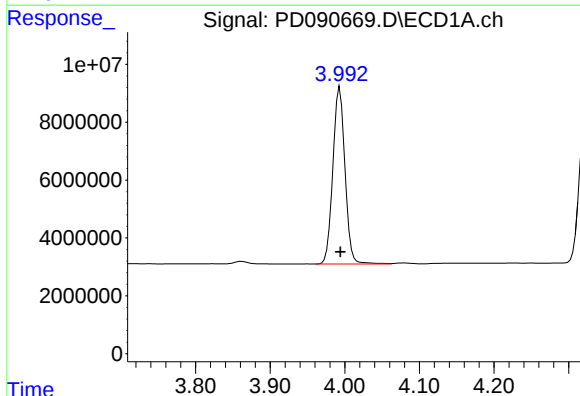
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
Supervised By :mohammad ahmed 10/24/2025



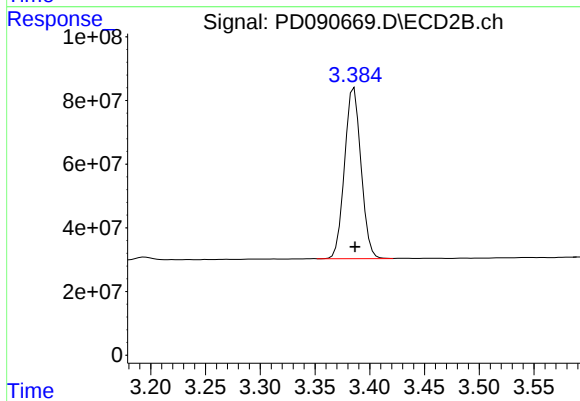
#1 Tetrachloro-m-xylene

R.T.: 2.874 min  
Delta R.T.: 0.000 min  
Response: 668820442  
Conc: 22.46 ng/ml



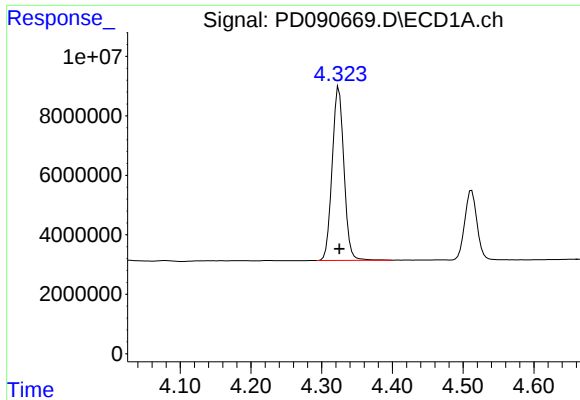
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.000 min  
Response: 69124953  
Conc: 9.63 ng/ml



#2 alpha-BHC

R.T.: 3.386 min  
Delta R.T.: 0.000 min  
Response: 561054467  
Conc: 10.98 ng/ml



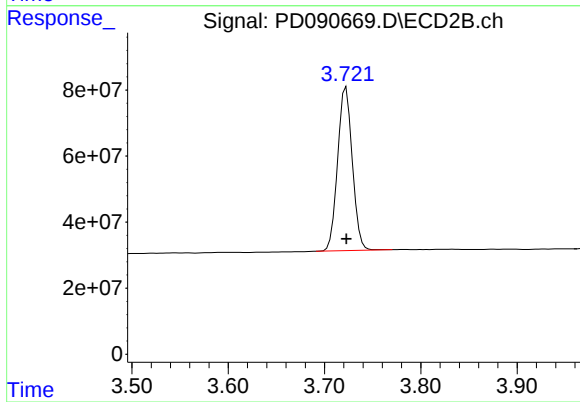
#3 gamma-BHC (Lindane)

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 67550443  
Conc: 9.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

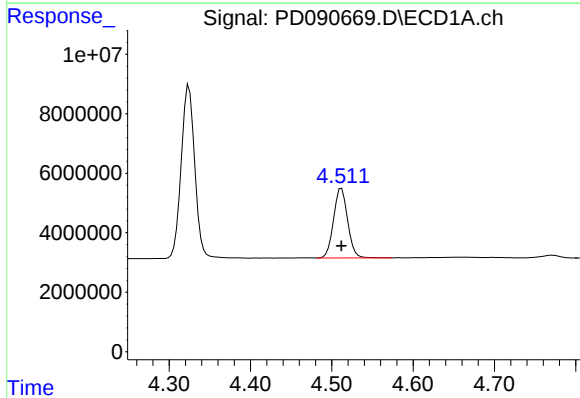
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
Supervised By :mohammad ahmed 10/24/2025



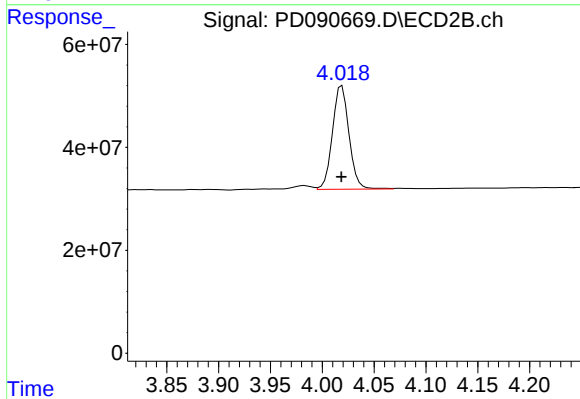
#3 gamma-BHC (Lindane)

R.T.: 3.723 min  
Delta R.T.: 0.000 min  
Response: 525287565  
Conc: 11.12 ng/ml



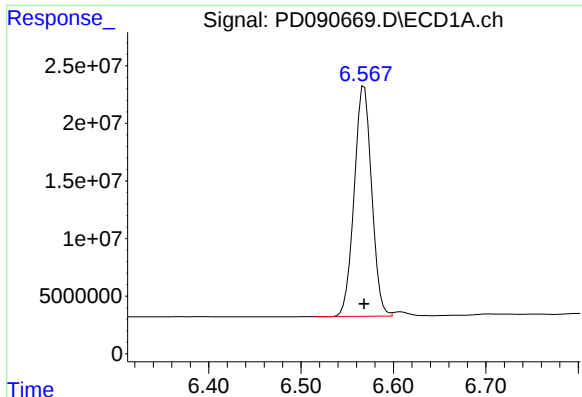
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 28133405  
Conc: 10.74 ng/ml



#6 beta-BHC

R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 224046983  
Conc: 11.30 ng/ml



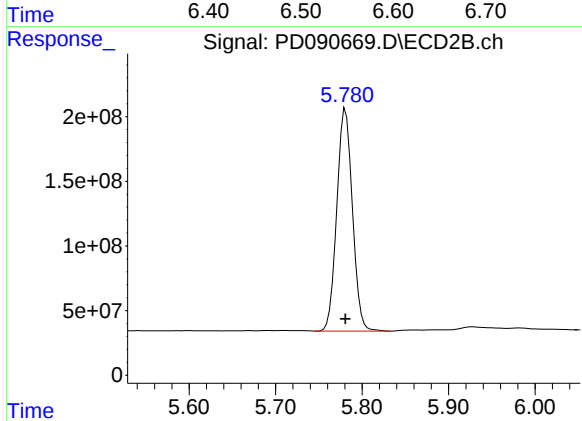
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: 0.000 min  
Response: 262109894  
Conc: 52.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

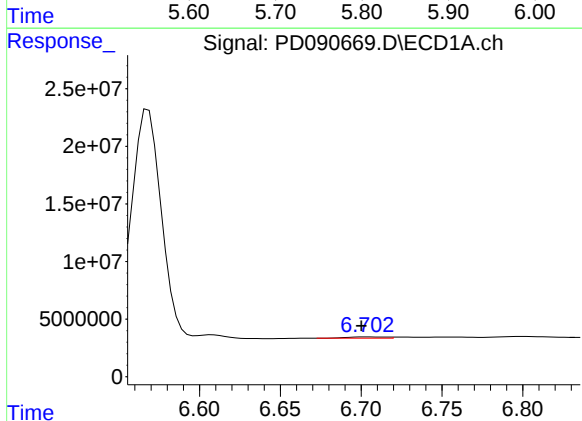
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
Supervised By :mohammad ahmed 10/24/2025



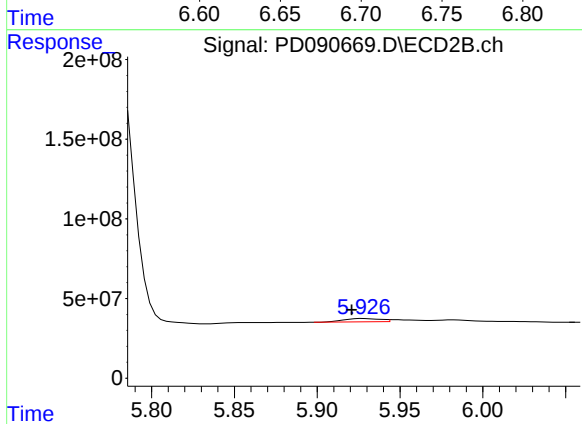
#14 Endrin

R.T.: 5.781 min  
Delta R.T.: 0.000 min  
Response: 2149779887  
Conc: 53.09 ng/ml



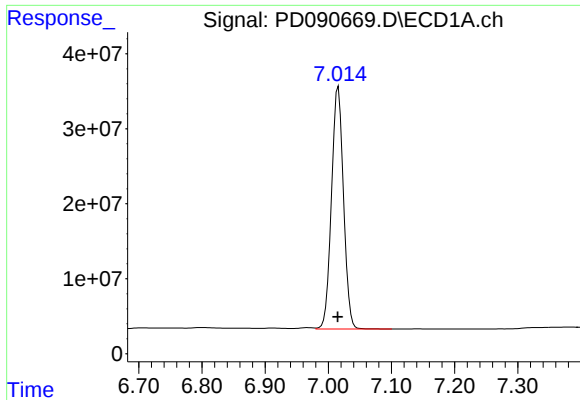
#16 4,4'-DDD

R.T.: 6.702 min  
Delta R.T.: 0.002 min  
Response: 2004636  
Conc: 0.49 ng/ml m



#16 4,4'-DDD

R.T.: 5.926 min  
Delta R.T.: 0.006 min  
Response: 33179154  
Conc: 0.91 ng/ml m



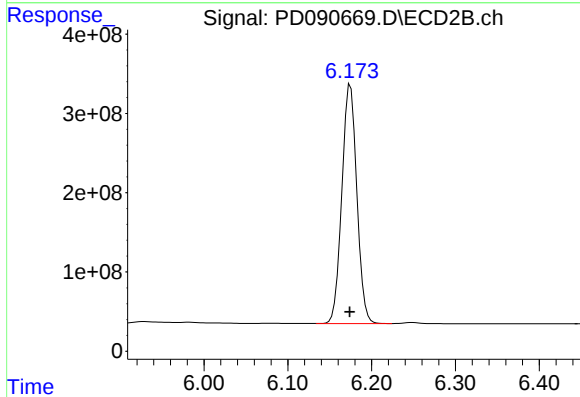
#17 4,4'-DDT

R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 427080097  
Conc: 103.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

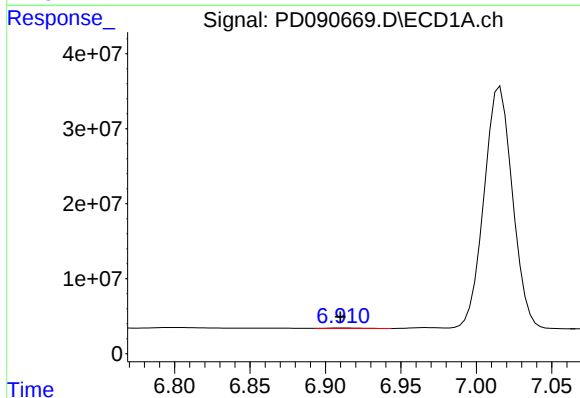
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
Supervised By :mohammad ahmed 10/24/2025



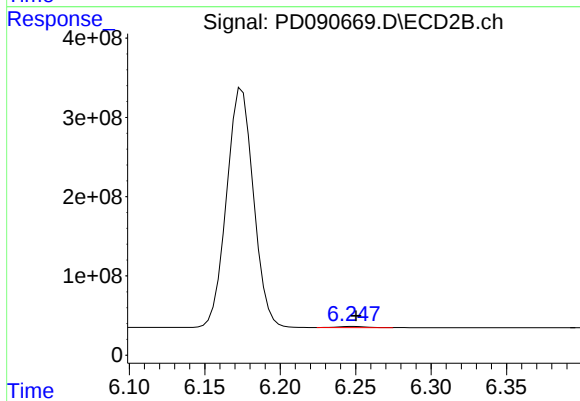
#17 4,4'-DDT

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 3754007771  
Conc: 107.03 ng/ml



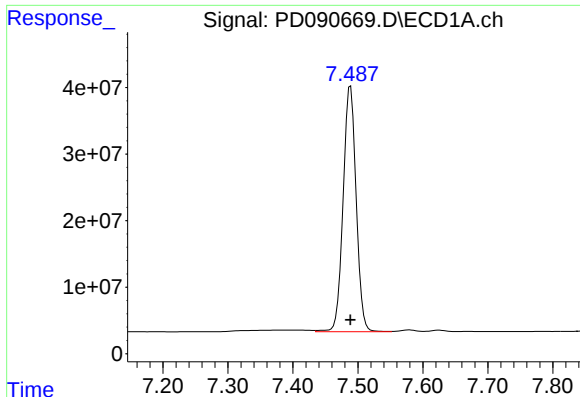
#18 Endrin aldehyde

R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 958907  
Conc: 0.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 20792420  
Conc: 0.75 ng/ml



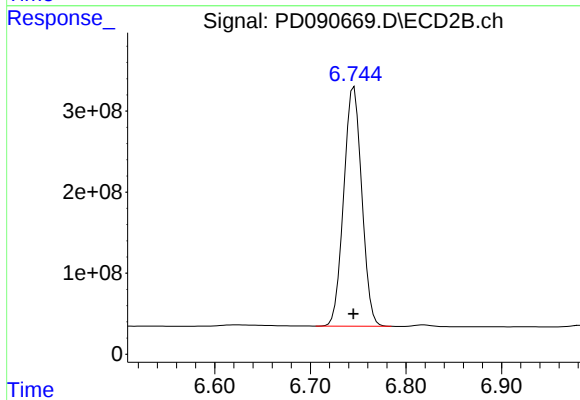
#20 Methoxychlor

R.T.: 7.489 min  
Delta R.T.: 0.000 min  
Response: 515545040  
Conc: 242.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

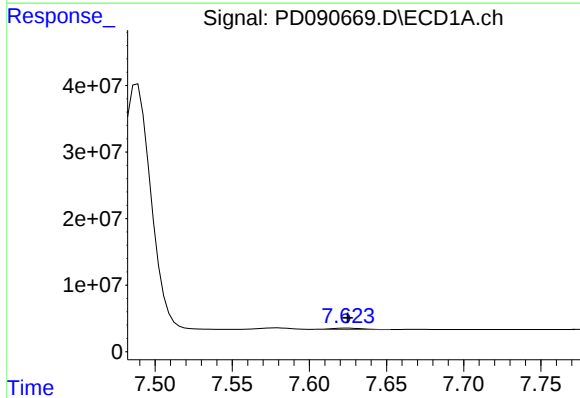
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
Supervised By :mohammad ahmed 10/24/2025



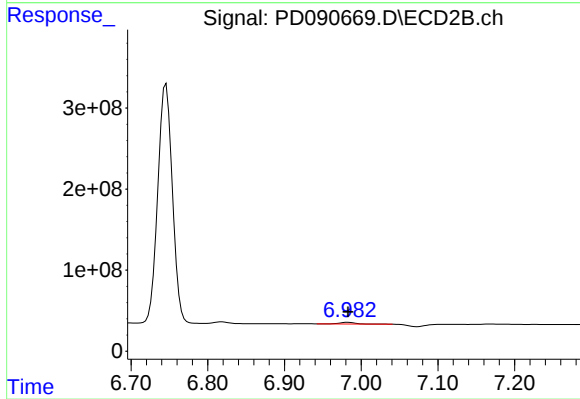
#20 Methoxychlor

R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 3886751103  
Conc: 223.02 ng/ml



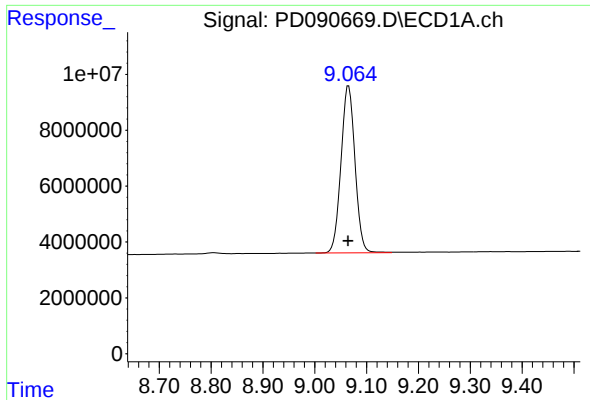
#21 Endrin ketone

R.T.: 7.625 min  
Delta R.T.: 0.000 min  
Response: 3150739  
Conc: 0.65 ng/ml



#21 Endrin ketone

R.T.: 6.983 min  
Delta R.T.: 0.000 min  
Response: 30155925  
Conc: 0.80 ng/ml



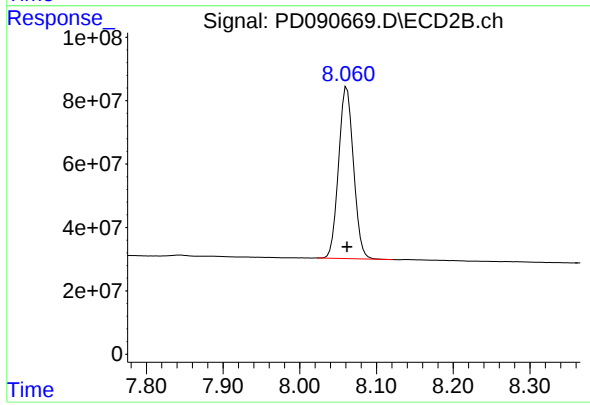
#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.001 min  
Response: 112029810  
Conc: 23.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min  
Delta R.T.: 0.000 min  
Response: 732040565  
Conc: 24.17 ng/ml