

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101525\  
 Data File : PD090596.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2025 09:46  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025  
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 08:09:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091825.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 19 05:52:38 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... | 3.545 | 2.875 | 173.2E6 | 1567.4E6 | 53.290  | 57.099 |
| 28)                         | SA Decachlor... | 9.065 | 8.061 | 248.9E6 | 1660.6E6 | 51.588  | 51.231 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.994 | 3.386 | 401.7E6 | 2603.0E6 | 57.518  | 59.453 |
| 3)                          | MA gamma-BHC... | 4.325 | 3.722 | 377.5E6 | 2398.2E6 | 57.045  | 58.873 |
| 4)                          | MA Heptachlor   | 4.923 | 4.074 | 312.9E6 | 2216.5E6 | 47.313  | 54.436 |
| 5)                          | MB Aldrin       | 5.264 | 4.360 | 359.3E6 | 2376.0E6 | 56.581  | 59.496 |
| 6)                          | B beta-BHC      | 4.512 | 4.018 | 141.9E6 | 1010.7E6 | 54.986  | 58.305 |
| 7)                          | B delta-BHC     | 4.759 | 4.254 | 371.1E6 | 2419.3E6 | 57.469m | 58.586 |
| 8)                          | B Heptachlo...  | 5.684 | 4.864 | 317.3E6 | 2147.9E6 | 55.524  | 58.263 |
| 9)                          | A Endosulfan I  | 6.068 | 5.238 | 295.9E6 | 1955.3E6 | 54.790  | 56.502 |
| 10)                         | B gamma-Chl...  | 5.940 | 5.116 | 320.2E6 | 2324.7E6 | 56.058  | 59.174 |
| 11)                         | B alpha-Chl...  | 6.021 | 5.181 | 322.6E6 | 2219.5E6 | 56.004  | 58.928 |
| 12)                         | B 4,4'-DDE      | 6.190 | 5.366 | 293.4E6 | 2268.7E6 | 56.343  | 59.267 |
| 13)                         | MA Dieldrin     | 6.341 | 5.503 | 320.5E6 | 2273.2E6 | 55.601  | 58.368 |
| 14)                         | MA Endrin       | 6.568 | 5.780 | 273.3E6 | 2077.6E6 | 55.846  | 57.982 |
| 15)                         | B Endosulfa...  | 6.781 | 6.071 | 273.6E6 | 1951.5E6 | 56.084  | 57.822 |
| 16)                         | A 4,4'-DDD      | 6.700 | 5.920 | 229.2E6 | 1876.8E6 | 55.941  | 57.877 |
| 17)                         | MA 4,4'-DDT     | 7.016 | 6.173 | 217.8E6 | 1785.4E6 | 48.915  | 51.934 |
| 18)                         | B Endrin al...  | 6.910 | 6.249 | 192.1E6 | 1379.5E6 | 55.992  | 58.585 |
| 19)                         | B Endosulfa...  | 7.145 | 6.473 | 241.5E6 | 1809.1E6 | 52.492  | 55.340 |
| 20)                         | A Methoxychlor  | 7.488 | 6.744 | 105.7E6 | 841.1E6  | 44.868  | 48.341 |
| 21)                         | B Endrin ke...  | 7.626 | 6.982 | 259.6E6 | 1953.6E6 | 52.476  | 54.111 |
| 22)                         | Mirex           | 8.107 | 7.175 | 187.1E6 | 1475.7E6 | 50.505  | 53.456 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101525\  
Data File : PD090596.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2025 09:46  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

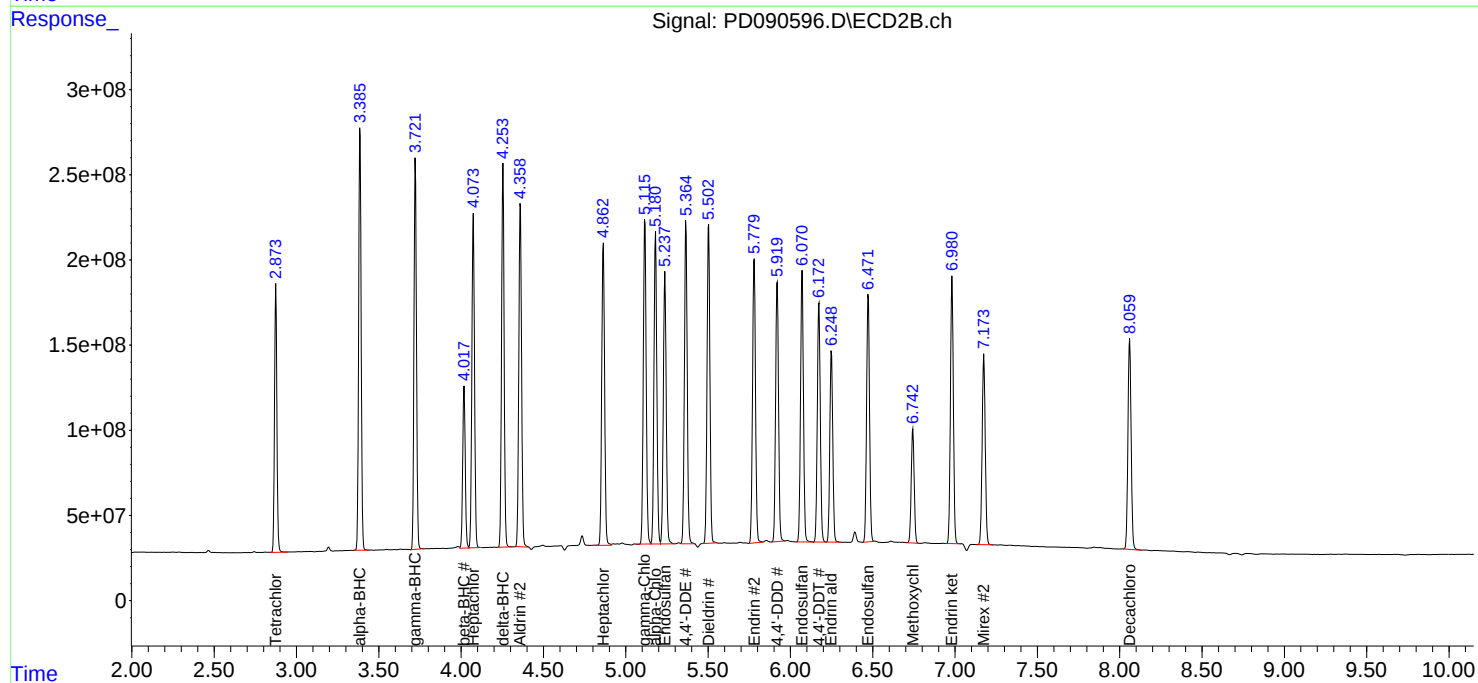
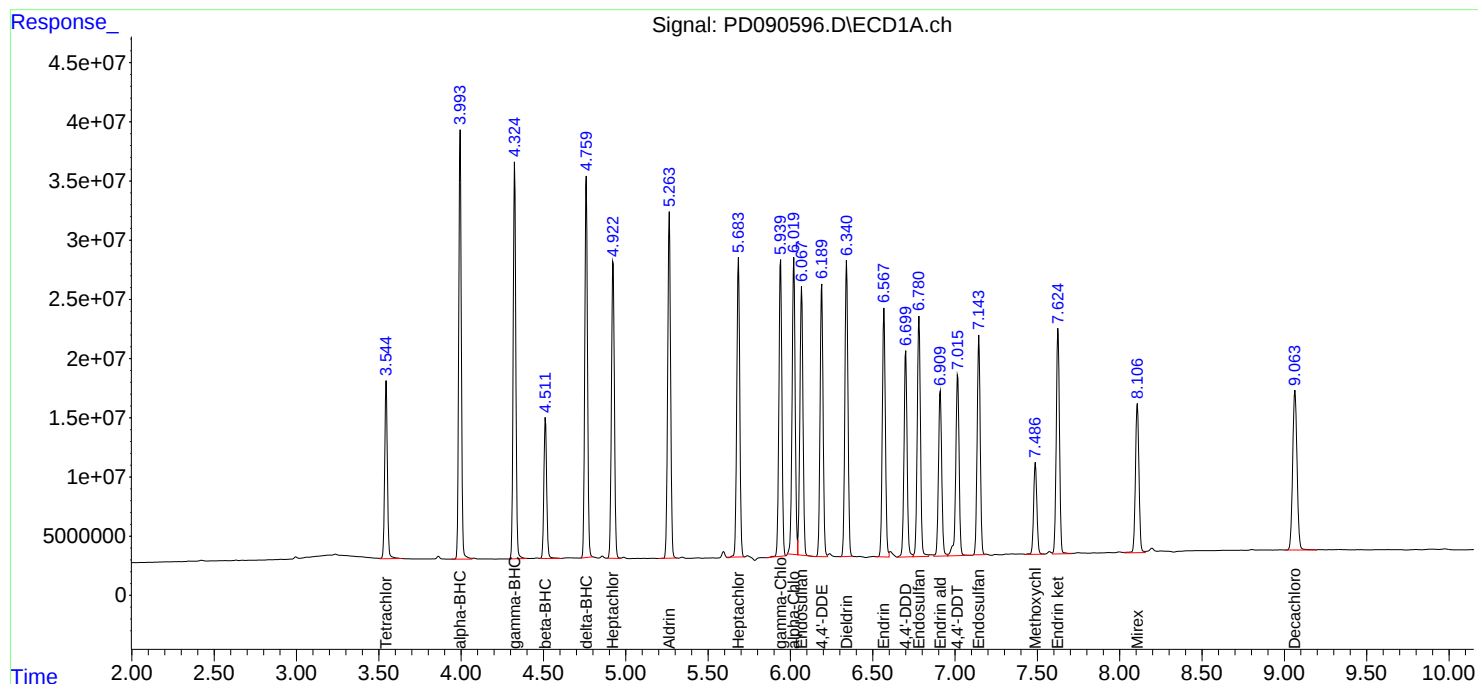
## APPROVED

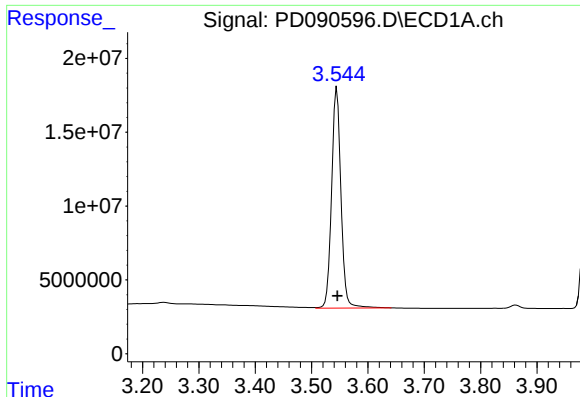
Reviewed By :Abdul Mirza 10/16/2025

Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 08:09:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091825.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 19 05:52:38 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





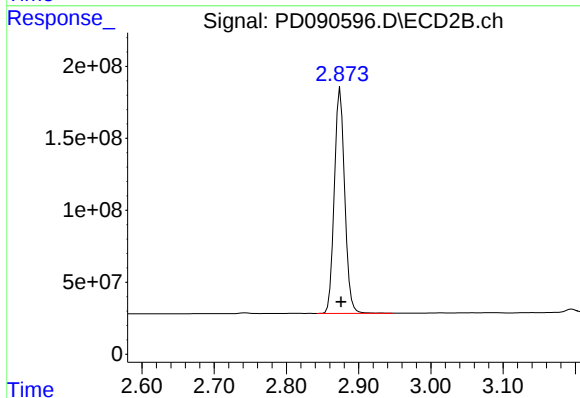
#1 Tetrachloro-m-xylene

R.T.: 3.545 min  
Delta R.T.: -0.001 min  
Response: 173216910  
Conc: 53.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

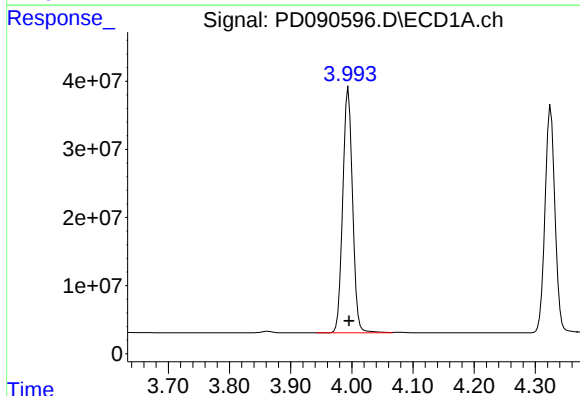
Manual Integrations  
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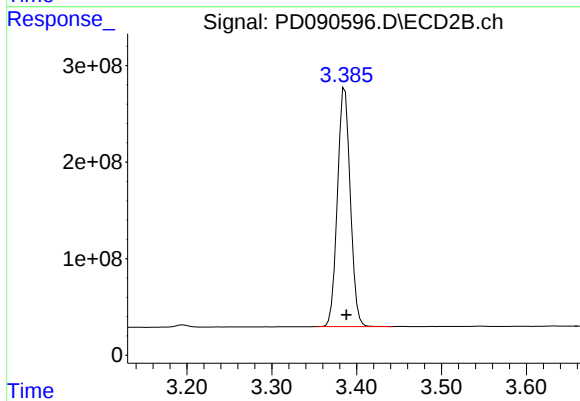
#1 Tetrachloro-m-xylene

R.T.: 2.875 min  
Delta R.T.: -0.001 min  
Response: 1567361425  
Conc: 57.10 ng/ml



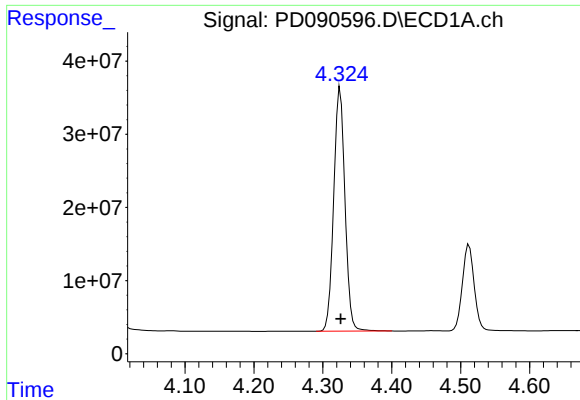
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 401737229  
Conc: 57.52 ng/ml



#2 alpha-BHC

R.T.: 3.386 min  
Delta R.T.: -0.002 min  
Response: 2603038534  
Conc: 59.45 ng/ml



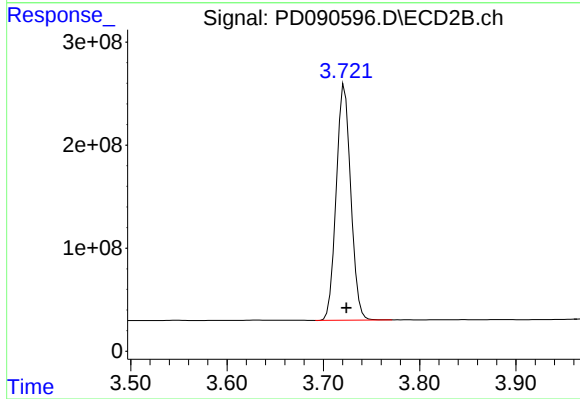
#3 gamma-BHC (Lindane)

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 377457001  
Conc: 57.04 ng/ml

Instrument :  
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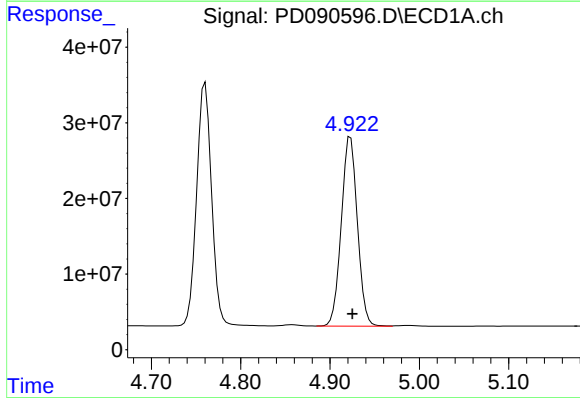
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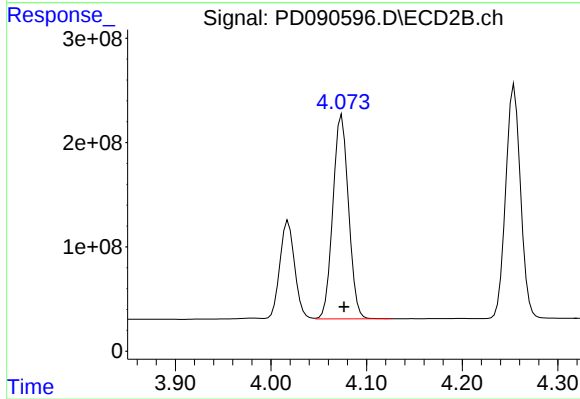
#3 gamma-BHC (Lindane)

R.T.: 3.722 min  
Delta R.T.: -0.002 min  
Response: 2398232893  
Conc: 58.87 ng/ml



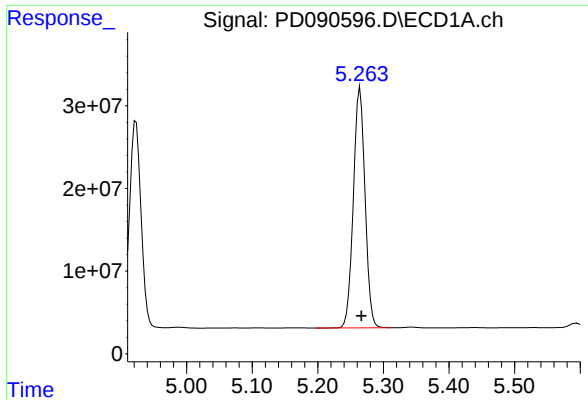
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: -0.002 min  
Response: 312860235  
Conc: 47.31 ng/ml



#4 Heptachlor

R.T.: 4.074 min  
Delta R.T.: -0.002 min  
Response: 2216452955  
Conc: 54.44 ng/ml



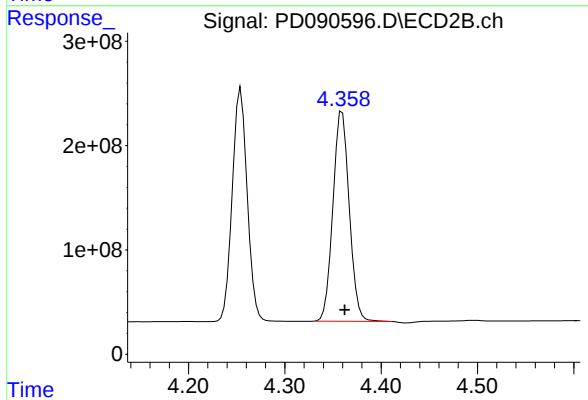
#5 Aldrin

R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 359285299  
Conc: 56.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

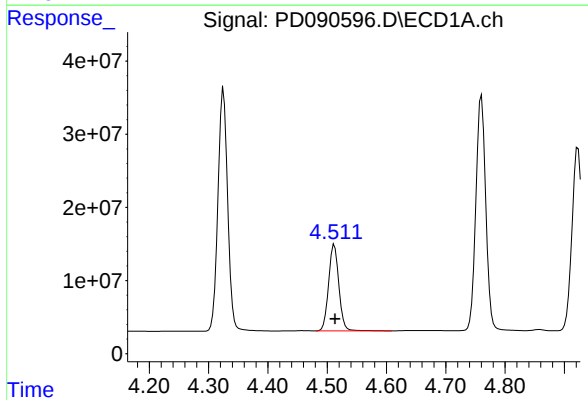
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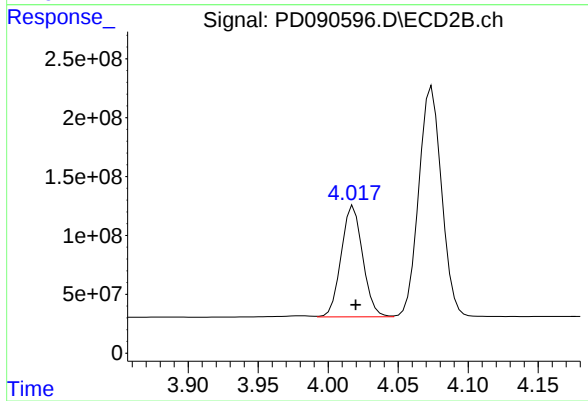
#5 Aldrin

R.T.: 4.360 min  
Delta R.T.: -0.002 min  
Response: 2375955319  
Conc: 59.50 ng/ml



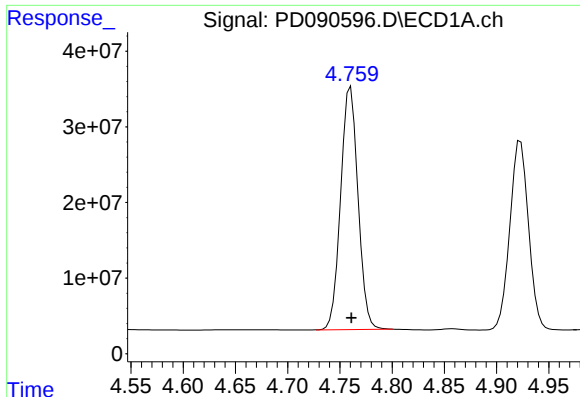
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: -0.001 min  
Response: 141860731  
Conc: 54.99 ng/ml



#6 beta-BHC

R.T.: 4.018 min  
Delta R.T.: -0.002 min  
Response: 1010733696  
Conc: 58.30 ng/ml



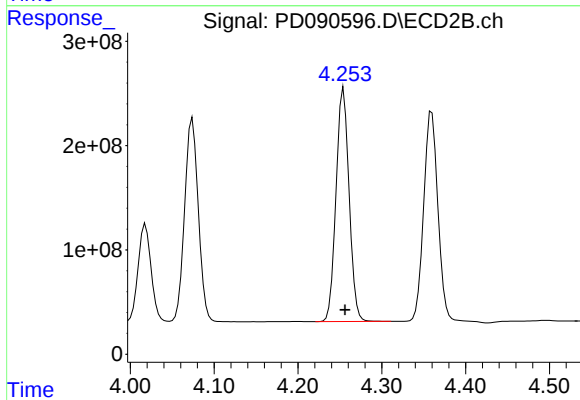
#7 delta-BHC

R.T.: 4.759 min  
Delta R.T.: -0.002 min  
Response: 371103458  
Conc: 57.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

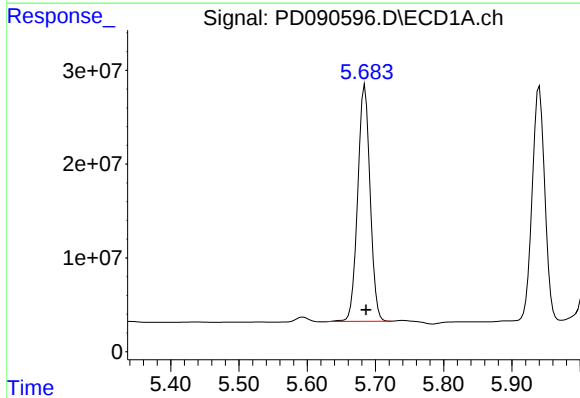
Manual Integrations  
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Supervised By :mohammad ahmed 10/17/2025



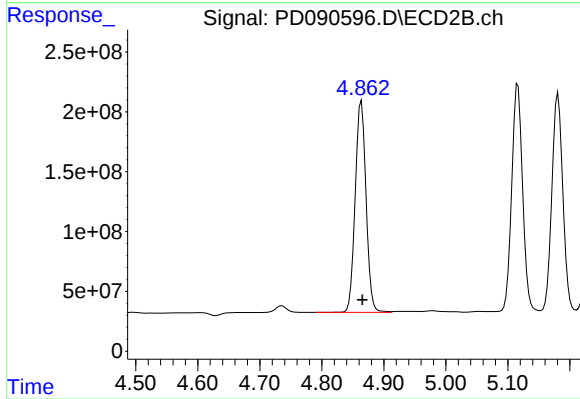
#7 delta-BHC

R.T.: 4.254 min  
Delta R.T.: -0.002 min  
Response: 2419306446  
Conc: 58.59 ng/ml



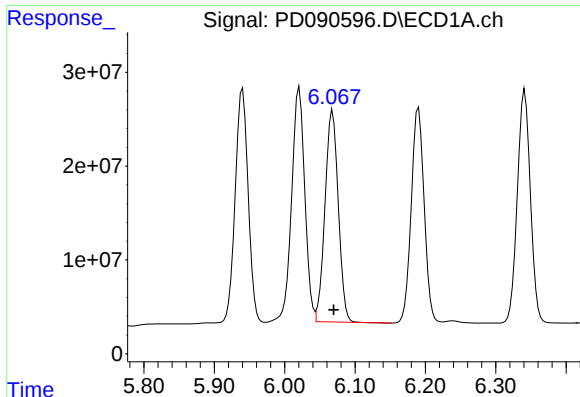
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.002 min  
Response: 317316049  
Conc: 55.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min  
Delta R.T.: -0.002 min  
Response: 2147876329  
Conc: 58.26 ng/ml



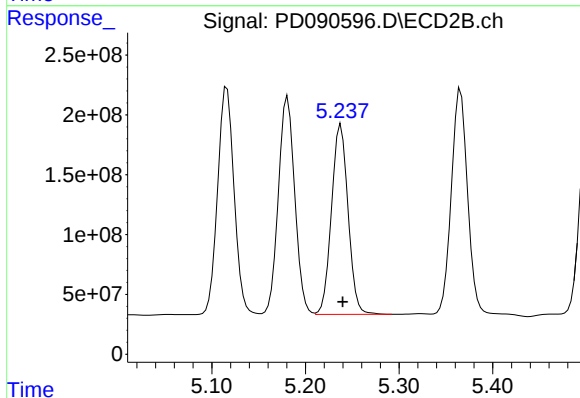
#9 Endosulfan I

R.T.: 6.068 min  
Delta R.T.: -0.001 min  
Response: 295945201  
Conc: 54.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

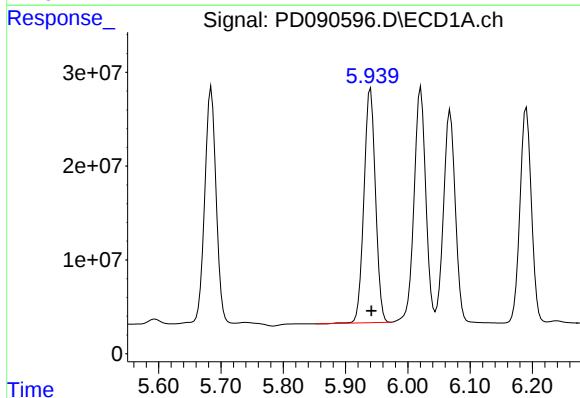
Manual Integrations  
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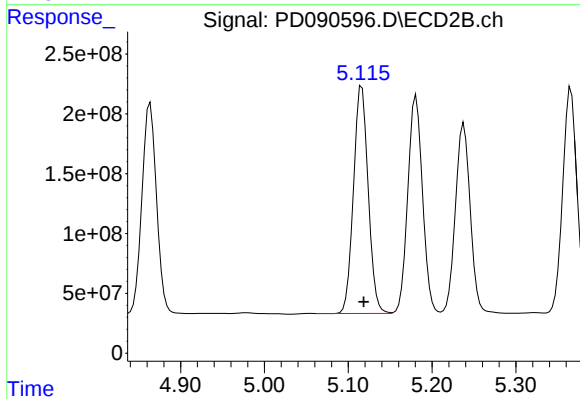
#9 Endosulfan I

R.T.: 5.238 min  
Delta R.T.: -0.002 min  
Response: 1955265790  
Conc: 56.50 ng/ml



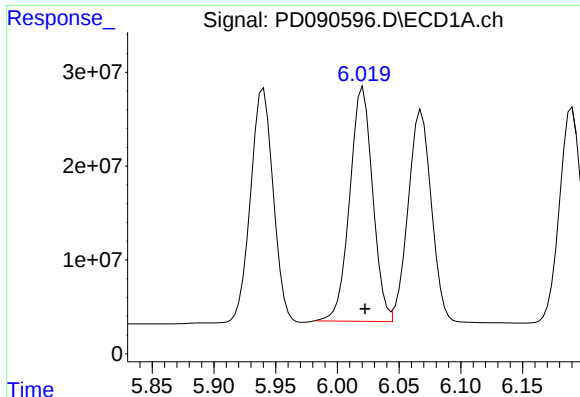
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: -0.001 min  
Response: 320198314  
Conc: 56.06 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min  
Delta R.T.: -0.002 min  
Response: 2324746076  
Conc: 59.17 ng/ml



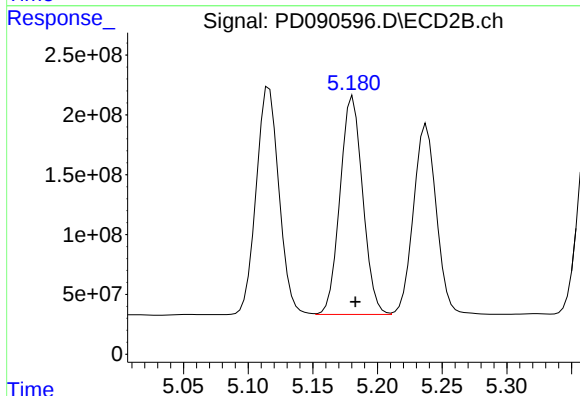
#11 alpha-Chlordane

R.T.: 6.021 min  
Delta R.T.: -0.001 min  
Response: 322630146  
Conc: 56.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

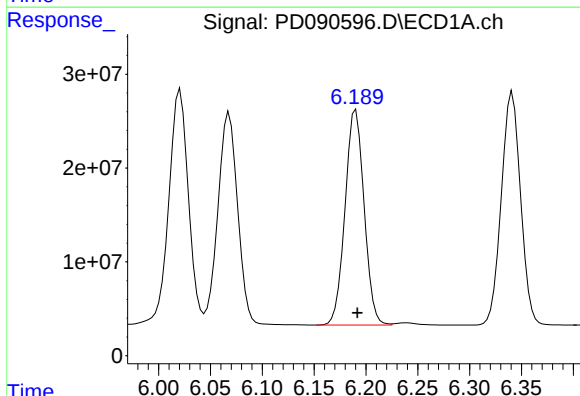
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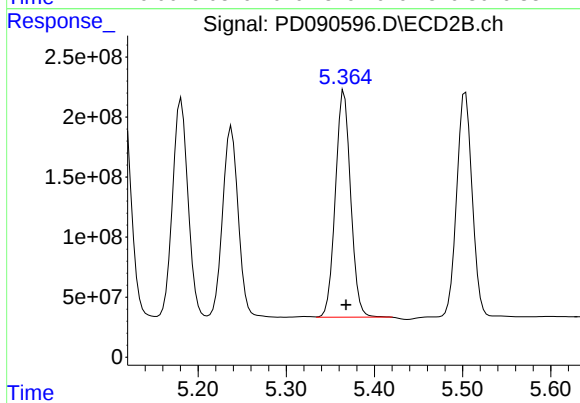
#11 alpha-Chlordane

R.T.: 5.181 min  
Delta R.T.: -0.002 min  
Response: 2219529308  
Conc: 58.93 ng/ml



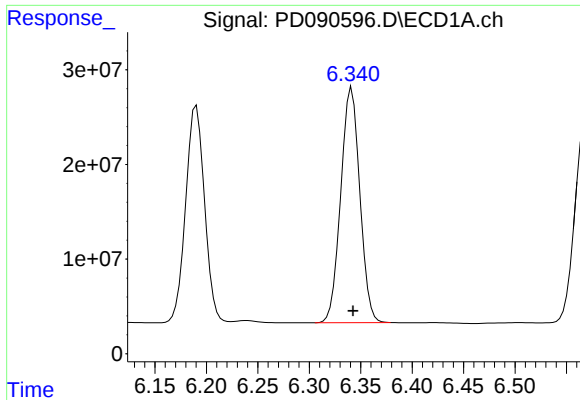
#12 4,4'-DDE

R.T.: 6.190 min  
Delta R.T.: -0.001 min  
Response: 293408516  
Conc: 56.34 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min  
Delta R.T.: -0.002 min  
Response: 2268679310  
Conc: 59.27 ng/ml



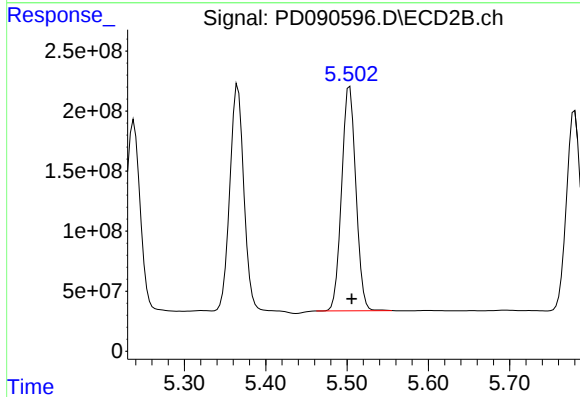
#13 Dieldrin

R.T.: 6.341 min  
Delta R.T.: -0.001 min  
Response: 320520846  
Conc: 55.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

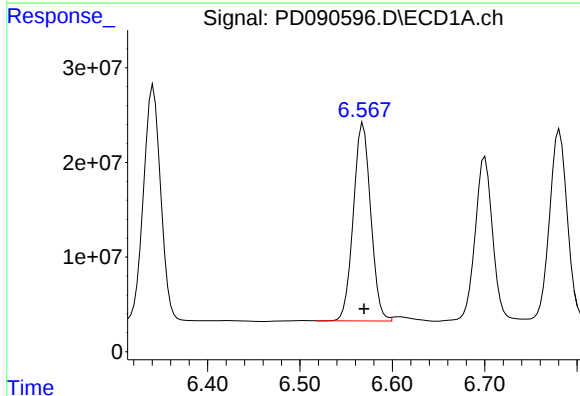
Manual Integrations  
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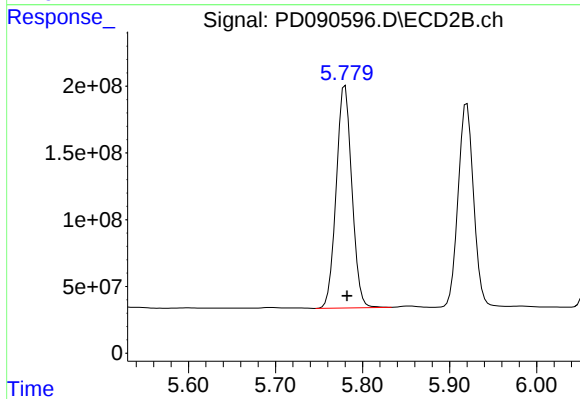
#13 Dieldrin

R.T.: 5.503 min  
Delta R.T.: -0.002 min  
Response: 2273188769  
Conc: 58.37 ng/ml



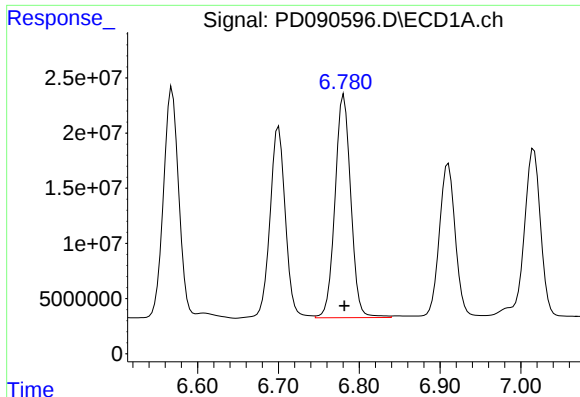
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: 0.000 min  
Response: 273305712  
Conc: 55.85 ng/ml



#14 Endrin

R.T.: 5.780 min  
Delta R.T.: -0.002 min  
Response: 2077613773  
Conc: 57.98 ng/ml



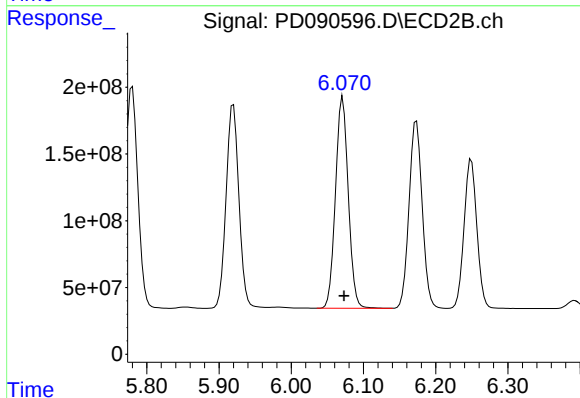
#15 Endosulfan II

R.T.: 6.781 min  
Delta R.T.: 0.000 min  
Response: 273566865  
Conc: 56.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

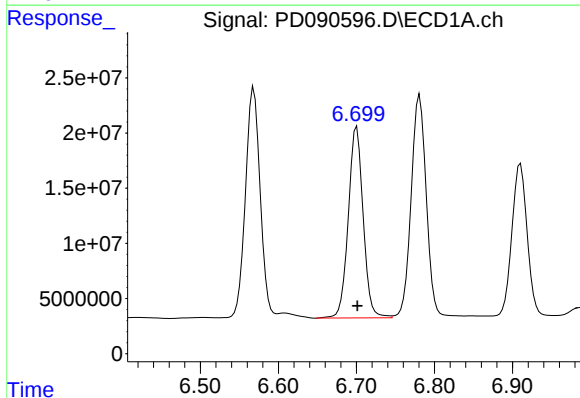
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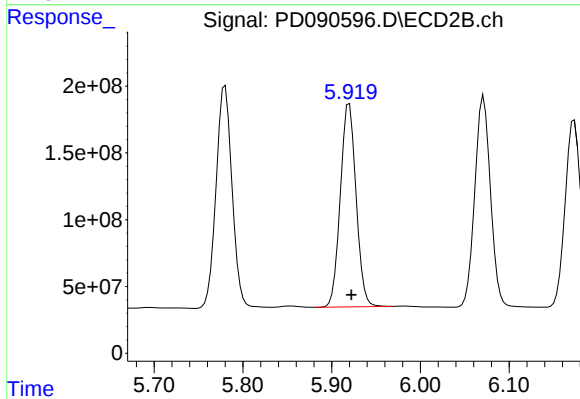
#15 Endosulfan II

R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 1951525722  
Conc: 57.82 ng/ml



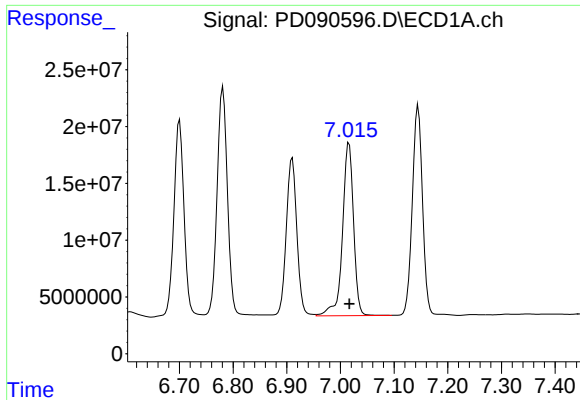
#16 4,4'-DDD

R.T.: 6.700 min  
Delta R.T.: -0.001 min  
Response: 229236795  
Conc: 55.94 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 1876822105  
Conc: 57.88 ng/ml



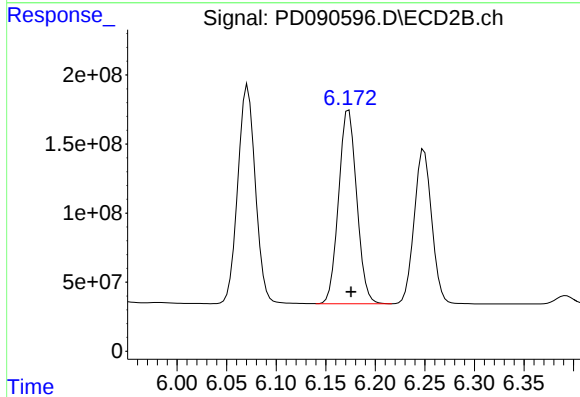
#17 4,4'-DDT

R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 217793554  
Conc: 48.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

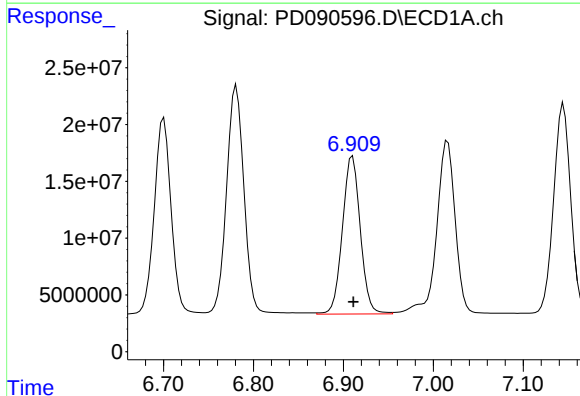
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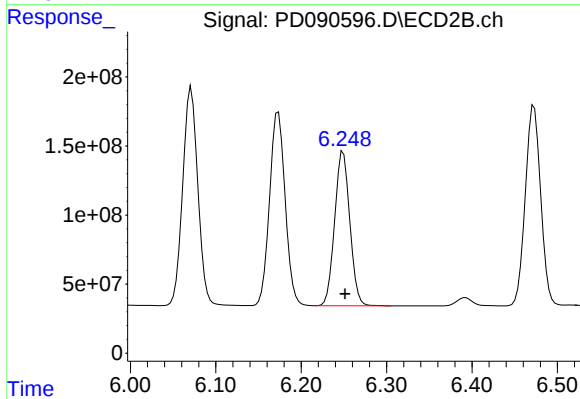
#17 4,4'-DDT

R.T.: 6.173 min  
Delta R.T.: -0.002 min  
Response: 1785445554  
Conc: 51.93 ng/ml



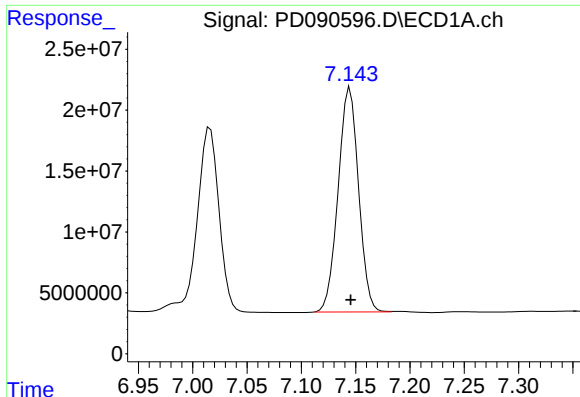
#18 Endrin aldehyde

R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 192085779  
Conc: 55.99 ng/ml



#18 Endrin aldehyde

R.T.: 6.249 min  
Delta R.T.: -0.002 min  
Response: 1379497727  
Conc: 58.59 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 241481827  
Conc: 52.49 ng/ml

Instrument :

ECD\_D

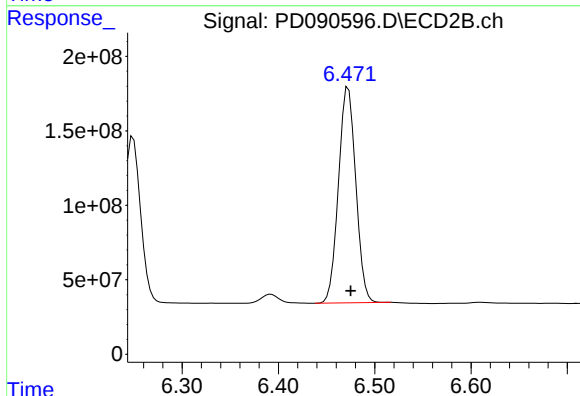
ClientSampleId :

PSTDCCC050

Manual Integrations

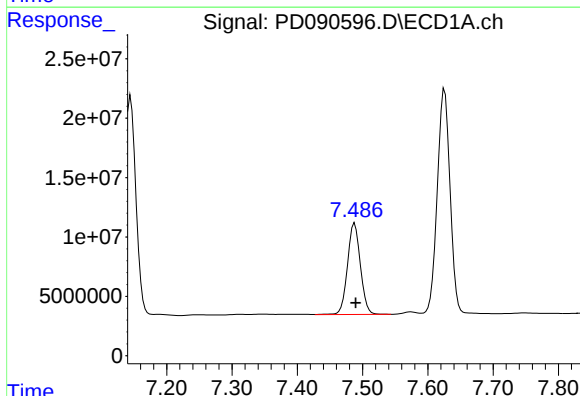
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Reviewed By :Abdul Mirza 10/16/2025  
Supervised By :mohammad ahmed 10/17/2025



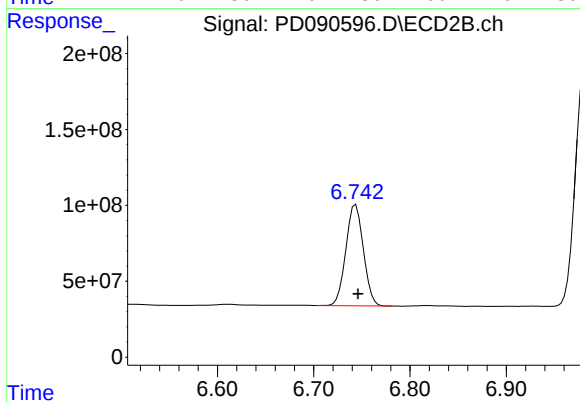
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: -0.002 min  
Response: 1809077375  
Conc: 55.34 ng/ml



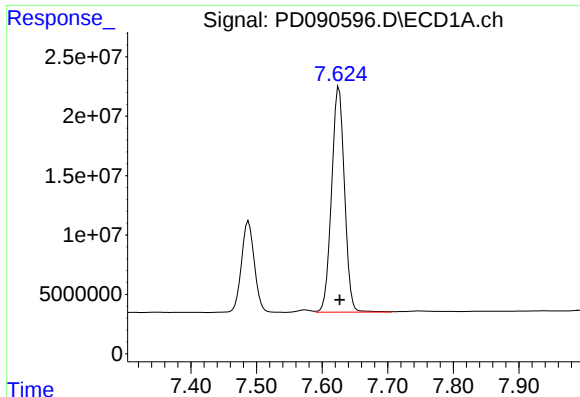
#20 Methoxychlor

R.T.: 7.488 min  
Delta R.T.: -0.002 min  
Response: 105732418  
Conc: 44.87 ng/ml



#20 Methoxychlor

R.T.: 6.744 min  
Delta R.T.: -0.002 min  
Response: 841145687  
Conc: 48.34 ng/ml



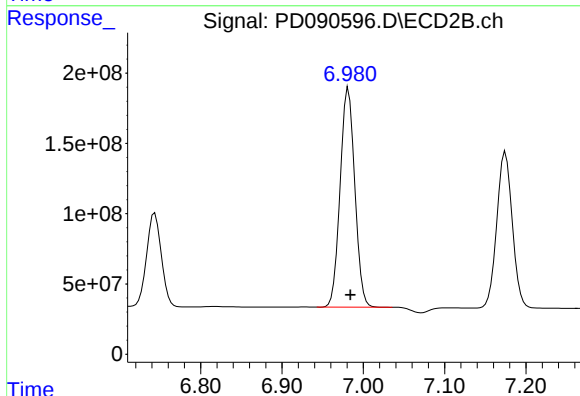
#21 Endrin ketone

R.T.: 7.626 min  
Delta R.T.: -0.001 min  
Response: 259619730  
Conc: 52.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

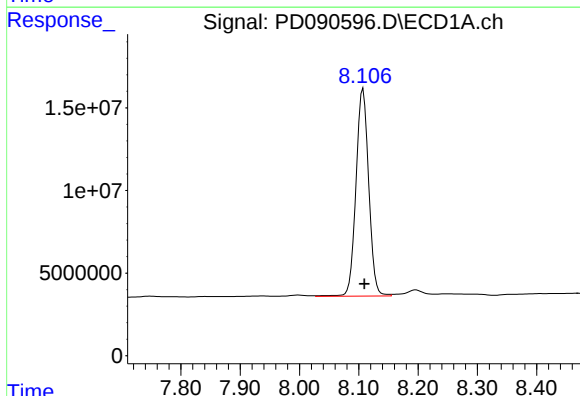
Manual Integrations  
APPROVED

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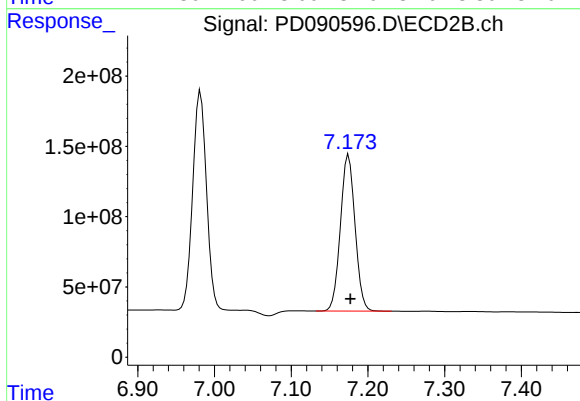
#21 Endrin ketone

R.T.: 6.982 min  
Delta R.T.: -0.003 min  
Response: 1953573341  
Conc: 54.11 ng/ml



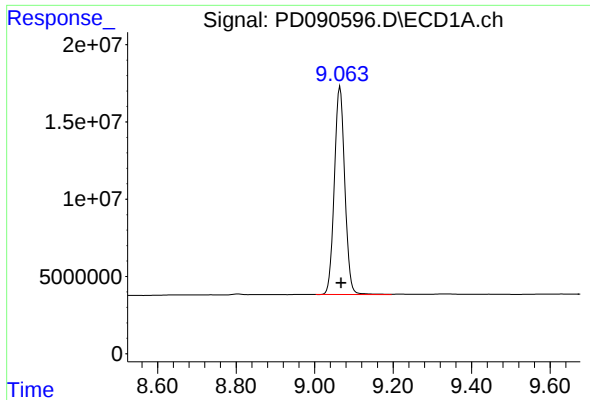
#22 Mirex

R.T.: 8.107 min  
Delta R.T.: -0.002 min  
Response: 187113550  
Conc: 50.51 ng/ml



#22 Mirex

R.T.: 7.175 min  
Delta R.T.: -0.003 min  
Response: 1475706221  
Conc: 53.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: -0.003 min  
Response: 248912744  
Conc: 51.59 ng/ml

Instrument :

ECD\_D

ClientSampleId :

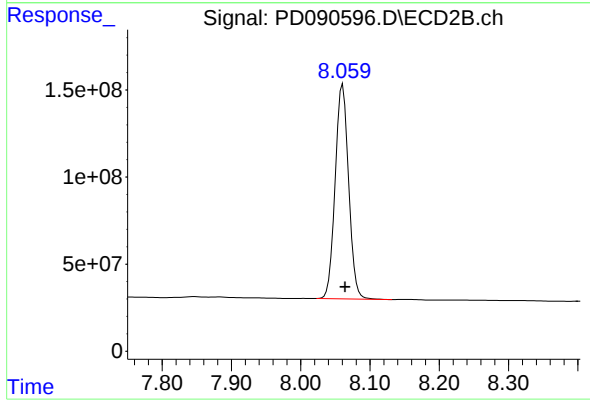
PSTDCCC050

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.061 min  
Delta R.T.: -0.003 min  
Response: 1660647602  
Conc: 51.23 ng/ml