

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100425\  
 Data File : PD090514.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2025 16:41  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/06/2025  
 Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 01:30:16 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 | 155.0E6 | 1259.7E6 | 47.688  | 45.892 |
| 28)                         | SA Decachlor... | 9.063 | 8.061 | 243.4E6 | 1554.9E6 | 50.445  | 47.969 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.995 | 3.387 | 379.9E6 | 2184.4E6 | 54.396  | 49.892 |
| 3)                          | MA gamma-BHC... | 4.325 | 3.723 | 355.8E6 | 2028.7E6 | 53.773  | 49.801 |
| 4)                          | MA Heptachlor   | 4.923 | 4.075 | 362.5E6 | 2053.0E6 | 54.823  | 50.421 |
| 5)                          | MB Aldrin       | 5.265 | 4.361 | 347.4E6 | 2002.6E6 | 54.717  | 50.146 |
| 6)                          | B beta-BHC      | 4.512 | 4.019 | 131.7E6 | 845.5E6  | 51.041  | 48.772 |
| 7)                          | B delta-BHC     | 4.759 | 4.255 | 354.7E6 | 2052.1E6 | 54.931m | 49.694 |
| 8)                          | B Heptachlo...  | 5.684 | 4.864 | 310.9E6 | 1866.0E6 | 54.410  | 50.616 |
| 9)                          | A Endosulfan I  | 6.066 | 5.238 | 292.2E6 | 1728.0E6 | 54.097m | 49.934 |
| 10)                         | B gamma-Chl...  | 5.939 | 5.117 | 309.3E6 | 1963.0E6 | 54.158  | 49.967 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.182 | 326.1E6 | 1883.2E6 | 56.606m | 49.999 |
| 12)                         | B 4,4'-DDE      | 6.190 | 5.366 | 283.7E6 | 1913.6E6 | 54.487  | 49.990 |
| 13)                         | MA Dieldrin     | 6.341 | 5.504 | 319.7E6 | 1959.6E6 | 55.461  | 50.316 |
| 14)                         | MA Endrin       | 6.568 | 5.780 | 272.7E6 | 1811.0E6 | 55.726  | 50.540 |
| 15)                         | B Endosulfa...  | 6.780 | 6.072 | 273.1E6 | 1708.9E6 | 55.988  | 50.633 |
| 16)                         | A 4,4'-DDD      | 6.699 | 5.920 | 226.4E6 | 1603.1E6 | 55.248  | 49.437 |
| 17)                         | MA 4,4'-DDT     | 7.015 | 6.174 | 250.0E6 | 1717.6E6 | 56.141  | 49.960 |
| 18)                         | B Endrin al...  | 6.909 | 6.250 | 201.2E6 | 1273.7E6 | 58.640  | 54.091 |
| 19)                         | B Endosulfa...  | 7.143 | 6.473 | 254.0E6 | 1668.1E6 | 55.208  | 51.028 |
| 20)                         | A Methoxychlor  | 7.487 | 6.744 | 129.1E6 | 878.9E6  | 54.786  | 50.509 |
| 21)                         | B Endrin ke...  | 7.624 | 6.983 | 275.7E6 | 1772.2E6 | 55.733  | 49.086 |
| 22)                         | Mirex           | 8.106 | 7.175 | 183.6E6 | 1231.6E6 | 49.551  | 44.614 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100425\  
Data File : PD090514.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2025 16:41  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

ClientSampleId :

PSTDCCC050

## Manual Integrations

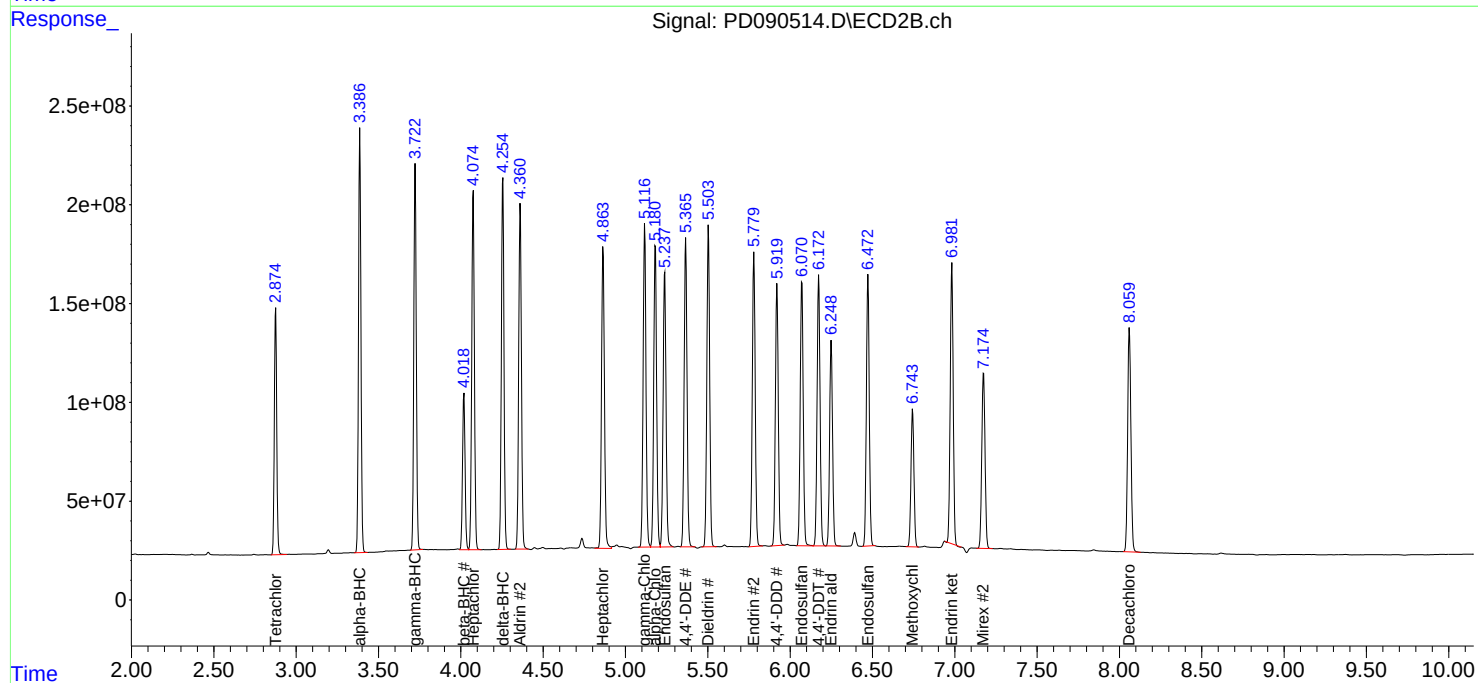
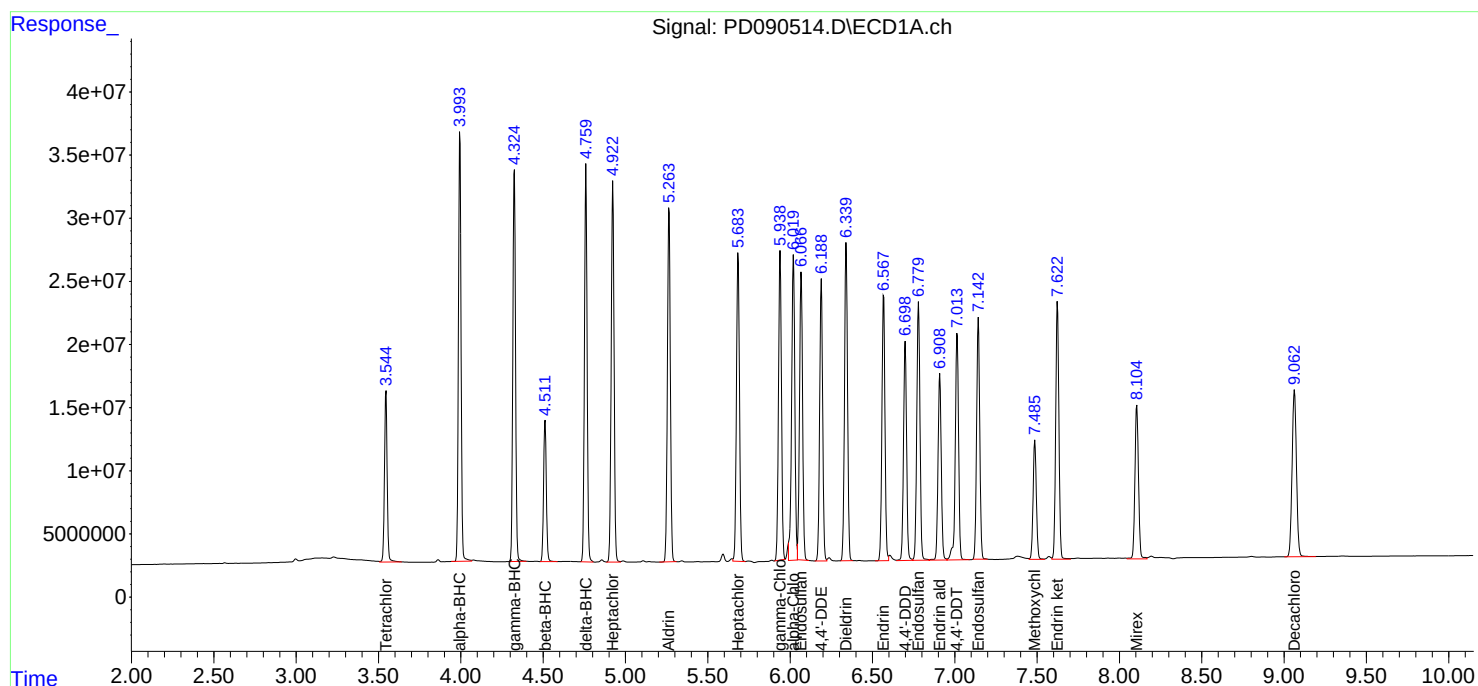
APPROVED

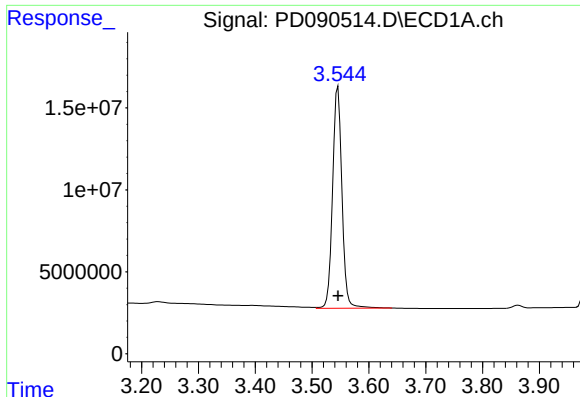
Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 01:30:16 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





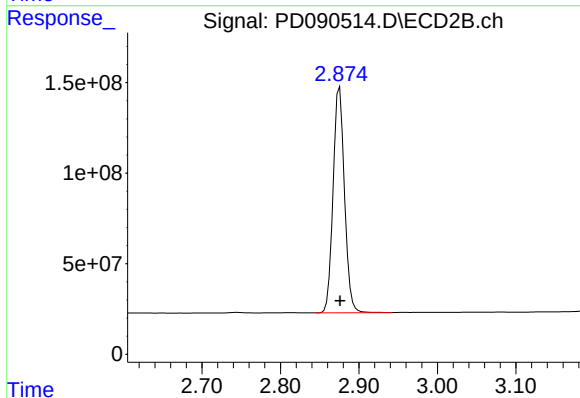
#1 Tetrachloro-m-xylene

R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 155007534  
Conc: 47.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

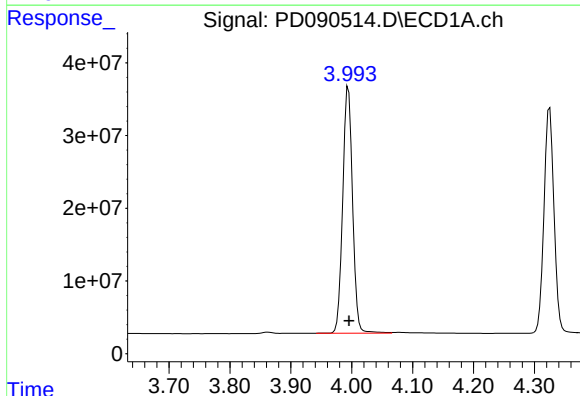
Manual Integrations  
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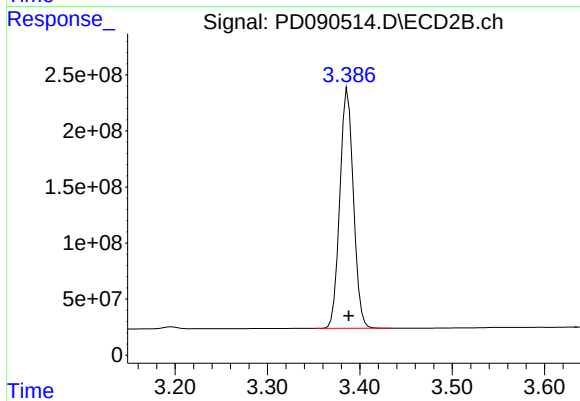
#1 Tetrachloro-m-xylene

R.T.: 2.875 min  
Delta R.T.: 0.000 min  
Response: 1259745433  
Conc: 45.89 ng/ml



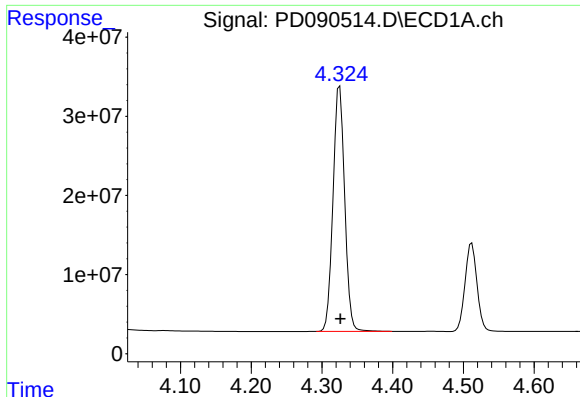
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 379928007  
Conc: 54.40 ng/ml



#2 alpha-BHC

R.T.: 3.387 min  
Delta R.T.: 0.000 min  
Response: 2184402723  
Conc: 49.89 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 355810673  
Conc: 53.77 ng/ml

Instrument :

ECD\_D

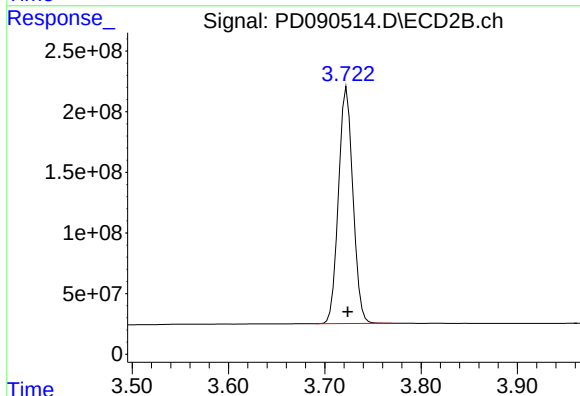
ClientSampleId :

PSTDCCC050

Manual Integrations

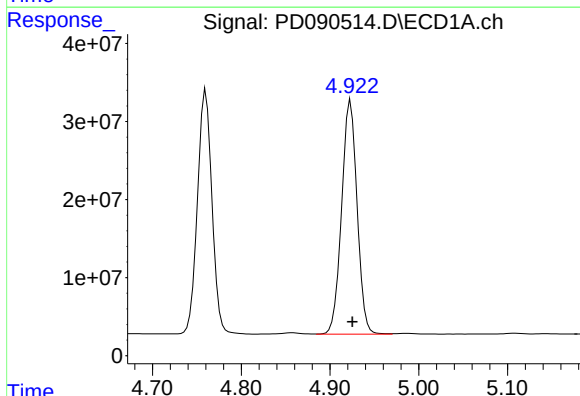
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Reviewed By :Yogesh Patel 10/06/2025  
Supervised By :mohammad ahmed 10/06/2025



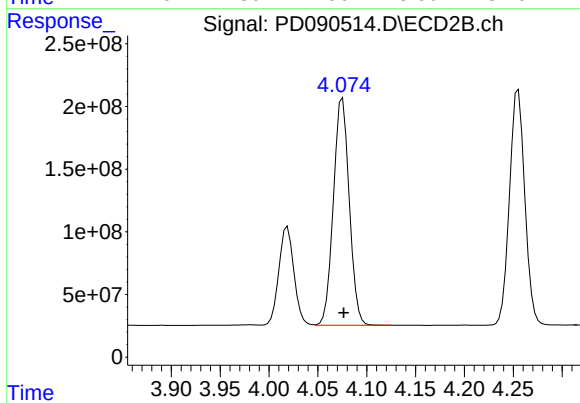
#3 gamma-BHC (Lindane)

R.T.: 3.723 min  
Delta R.T.: 0.000 min  
Response: 2028665313  
Conc: 49.80 ng/ml



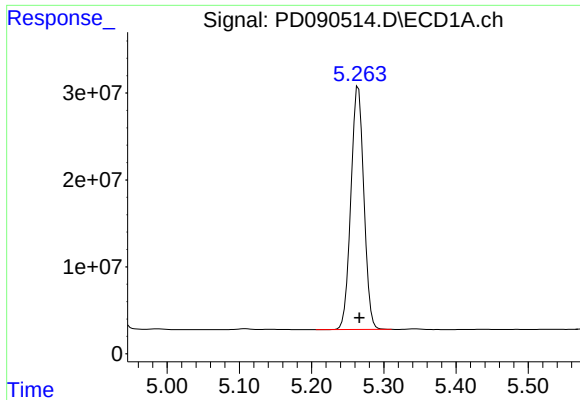
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: -0.002 min  
Response: 362519164  
Conc: 54.82 ng/ml



#4 Heptachlor

R.T.: 4.075 min  
Delta R.T.: -0.001 min  
Response: 2052979059  
Conc: 50.42 ng/ml



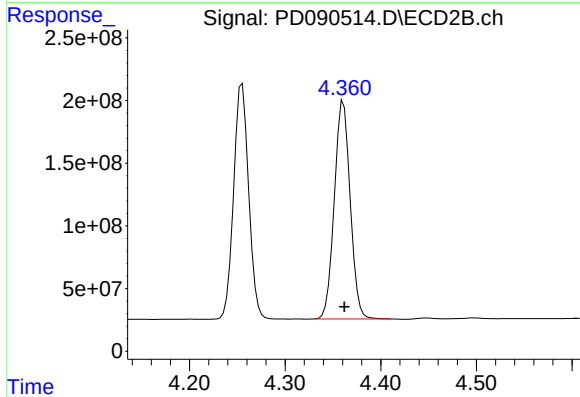
#5 Aldrin

R.T.: 5.265 min  
Delta R.T.: -0.002 min  
Response: 347446844  
Conc: 54.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

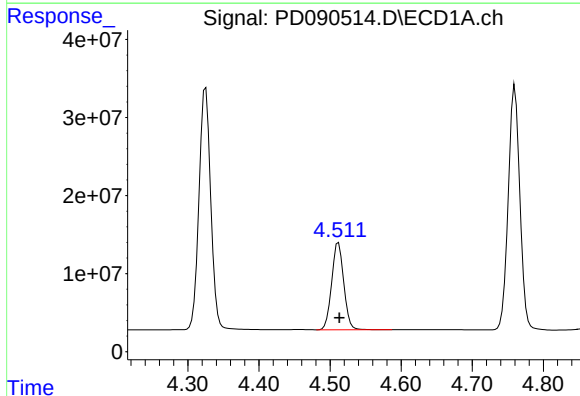
Manual Integrations  
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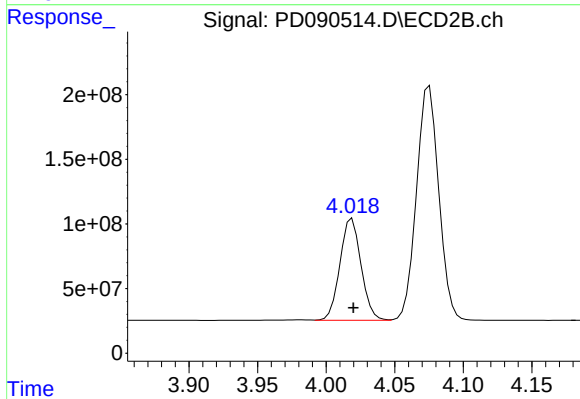
#5 Aldrin

R.T.: 4.361 min  
Delta R.T.: -0.001 min  
Response: 2002572403  
Conc: 50.15 ng/ml



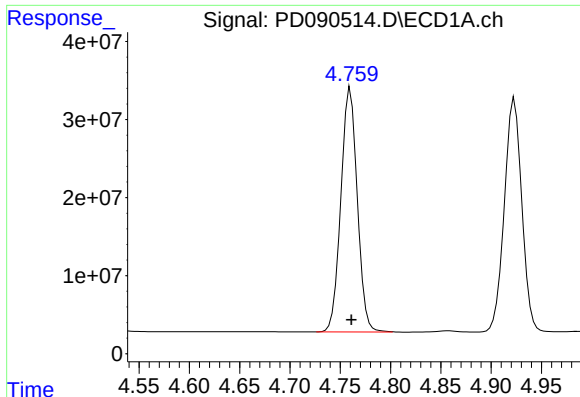
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: -0.001 min  
Response: 131682577  
Conc: 51.04 ng/ml



#6 beta-BHC

R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 845474461  
Conc: 48.77 ng/ml



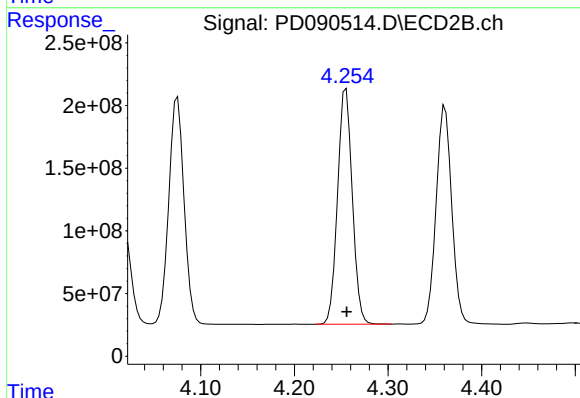
#7 delta-BHC

R.T.: 4.759 min  
Delta R.T.: -0.002 min  
Response: 354719556  
Conc: 54.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

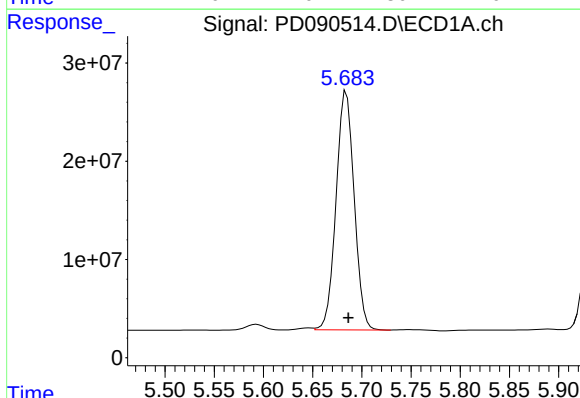
Manual Integrations  
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Supervised By :mohammad ahmed 10/06/2025



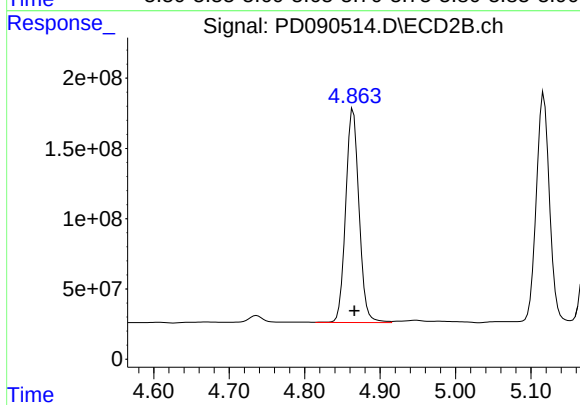
#7 delta-BHC

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 2052116625  
Conc: 49.69 ng/ml



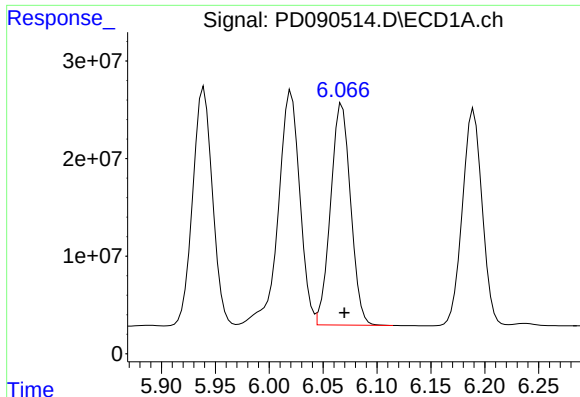
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.002 min  
Response: 310948457  
Conc: 54.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min  
Delta R.T.: -0.002 min  
Response: 1865954263  
Conc: 50.62 ng/ml



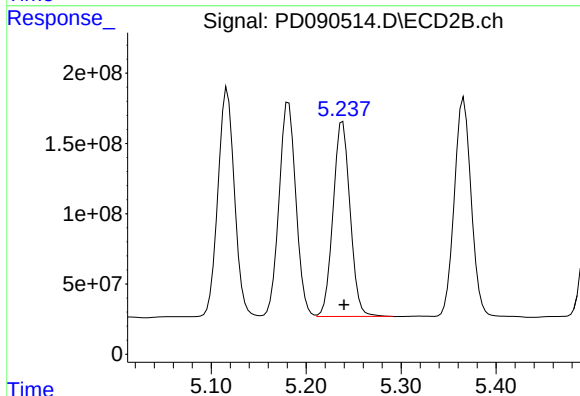
#9 Endosulfan I

R.T.: 6.066 min  
Delta R.T.: -0.003 min  
Response: 292203177  
Conc: 54.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

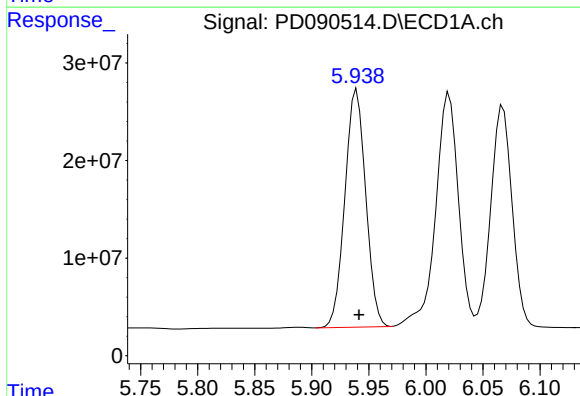
Manual Integrations  
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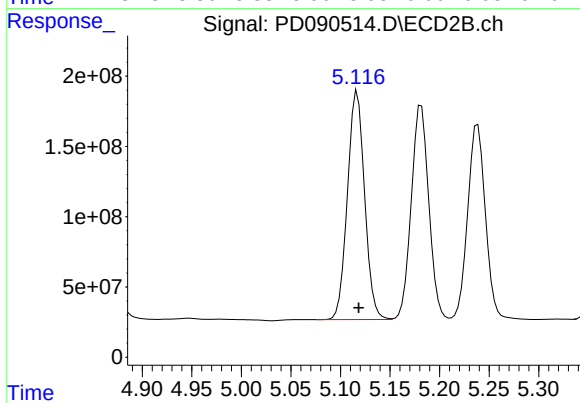
#9 Endosulfan I

R.T.: 5.238 min  
Delta R.T.: -0.001 min  
Response: 1727971142  
Conc: 49.93 ng/ml



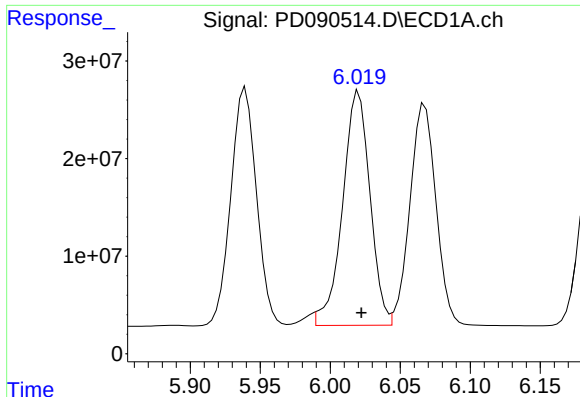
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 309347329  
Conc: 54.16 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min  
Delta R.T.: -0.001 min  
Response: 1963008762  
Conc: 49.97 ng/ml



#11 alpha-Chlordane

R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 326100251  
Conc: 56.61 ng/ml

Instrument :

ECD\_D

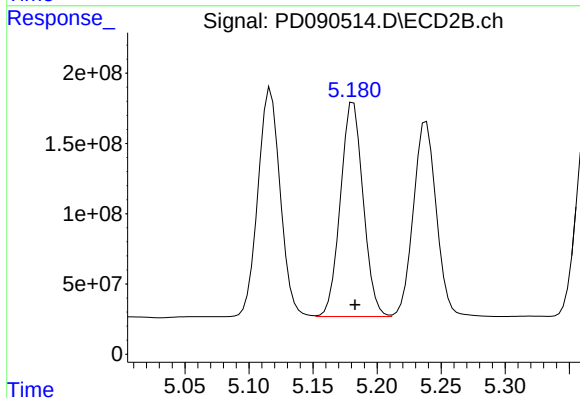
ClientSampleId :

PSTDCCC050

Manual Integrations

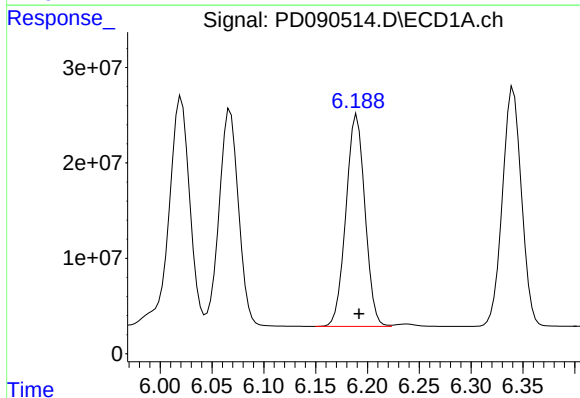
APPROVED

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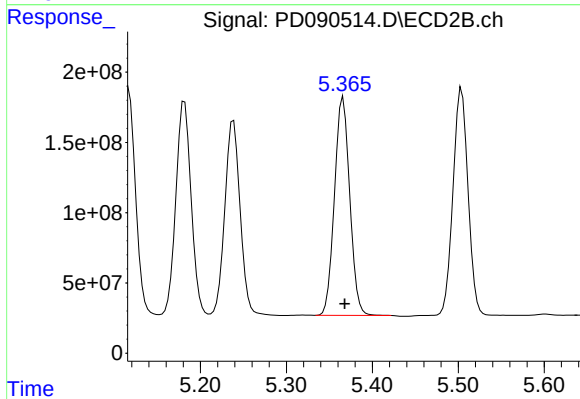
#11 alpha-Chlordane

R.T.: 5.182 min  
Delta R.T.: -0.001 min  
Response: 1883227977  
Conc: 50.00 ng/ml



#12 4,4'-DDE

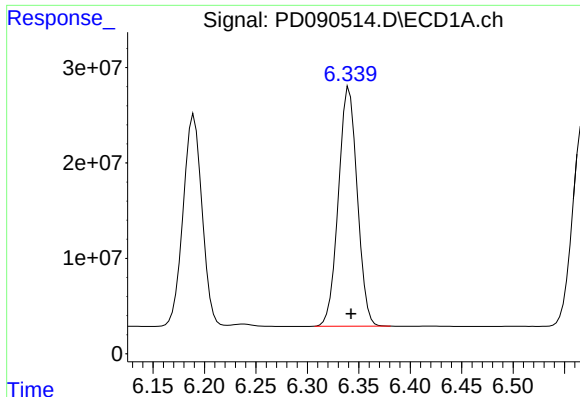
R.T.: 6.190 min  
Delta R.T.: -0.002 min  
Response: 283740605  
Conc: 54.49 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min  
Delta R.T.: -0.002 min  
Response: 1913582981  
Conc: 49.99 ng/ml





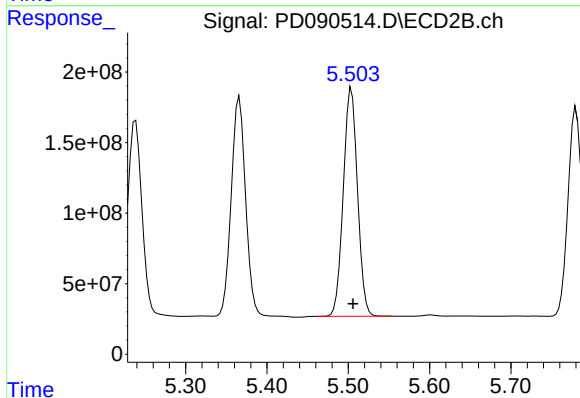
#13 Dieldrin

R.T.: 6.341 min  
Delta R.T.: -0.002 min  
Response: 319716505  
Conc: 55.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

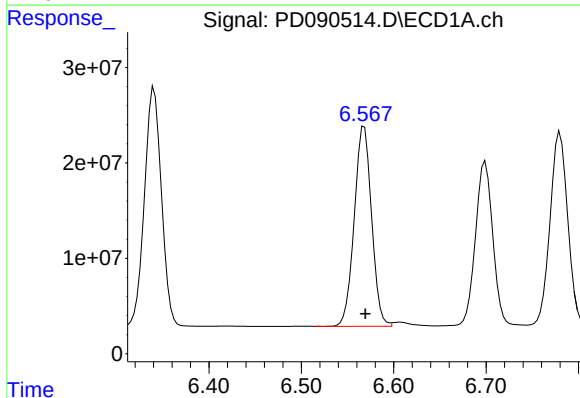
Manual Integrations  
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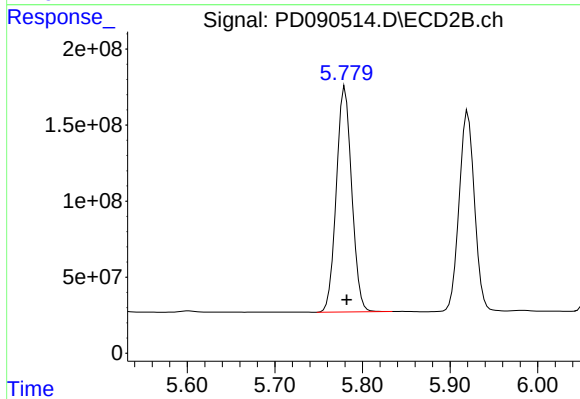
#13 Dieldrin

R.T.: 5.504 min  
Delta R.T.: -0.002 min  
Response: 1959606805  
Conc: 50.32 ng/ml



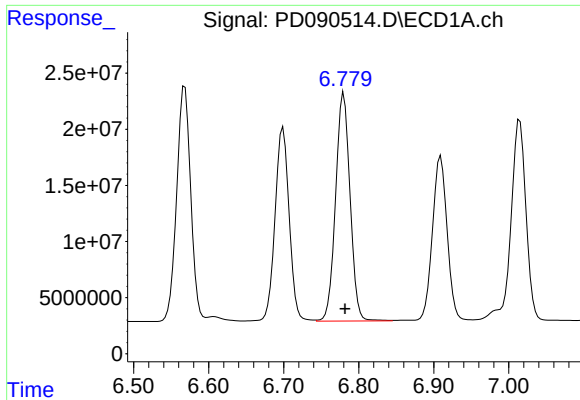
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: -0.001 min  
Response: 272720631  
Conc: 55.73 ng/ml



#14 Endrin

R.T.: 5.780 min  
Delta R.T.: -0.002 min  
Response: 1810967001  
Conc: 50.54 ng/ml



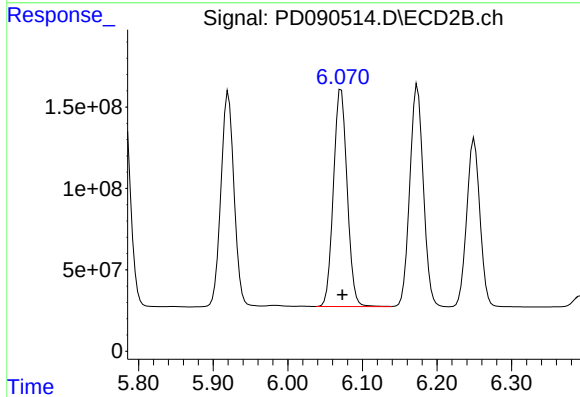
#15 Endosulfan II

R.T.: 6.780 min  
Delta R.T.: -0.002 min  
Response: 273099659  
Conc: 55.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

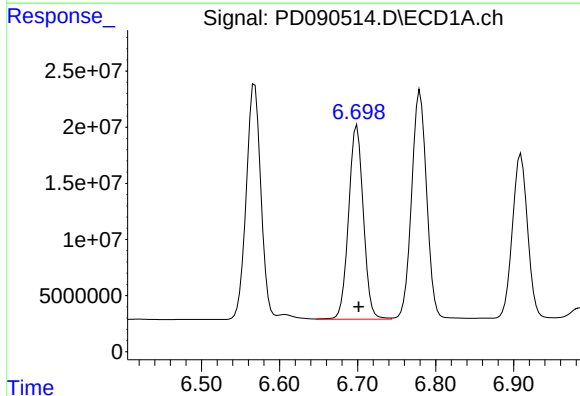
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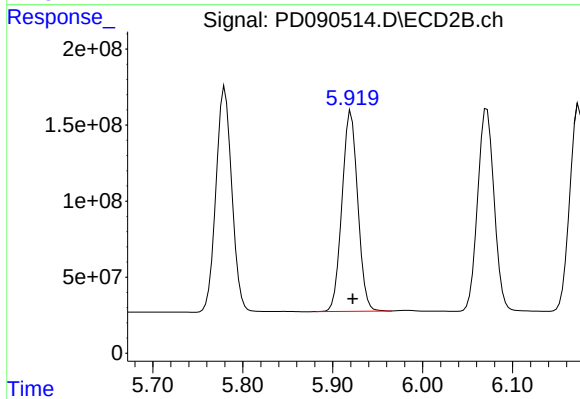
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: -0.002 min  
Response: 1708912118  
Conc: 50.63 ng/ml



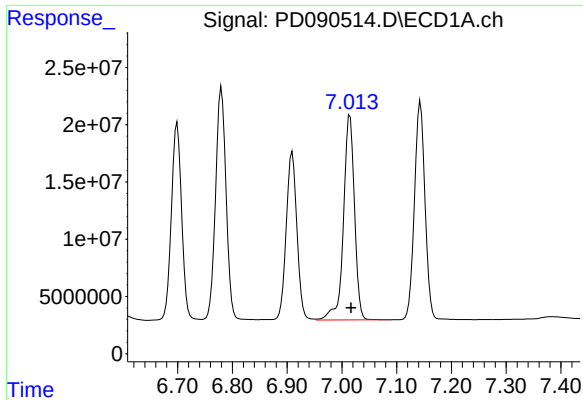
#16 4,4'-DDD

R.T.: 6.699 min  
Delta R.T.: -0.002 min  
Response: 226396296  
Conc: 55.25 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 1603130029  
Conc: 49.44 ng/ml



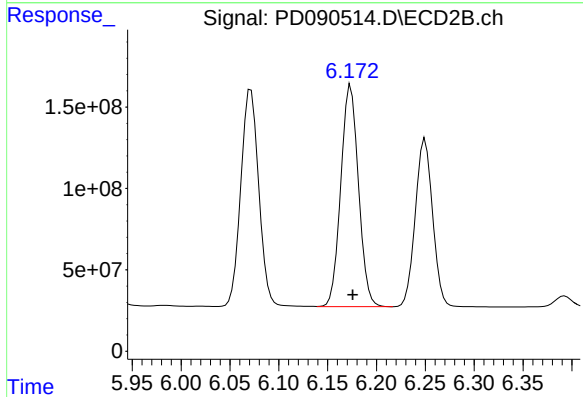
#17 4,4'-DDT

R.T.: 7.015 min  
Delta R.T.: -0.002 min  
Response: 249966384  
Conc: 56.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

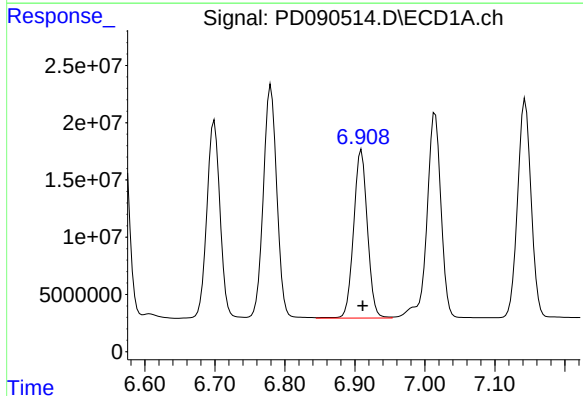
Manual Integrations  
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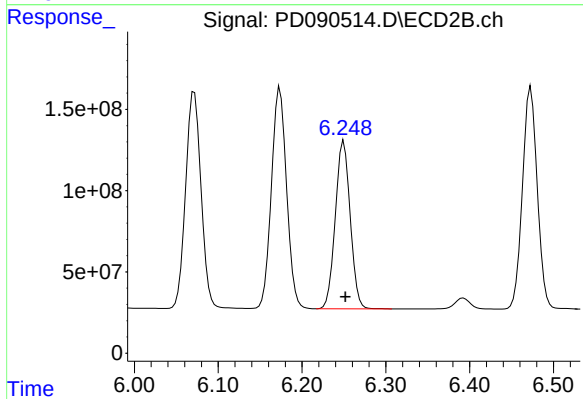
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: -0.002 min  
Response: 1717571174  
Conc: 49.96 ng/ml



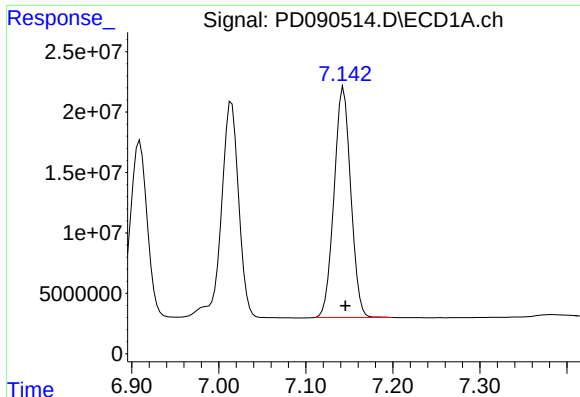
#18 Endrin aldehyde

R.T.: 6.909 min  
Delta R.T.: -0.002 min  
Response: 201169628  
Conc: 58.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 1273673749  
Conc: 54.09 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.143 min  
Delta R.T.: -0.002 min  
Response: 253976933  
Conc: 55.21 ng/ml

Instrument :

ECD\_D

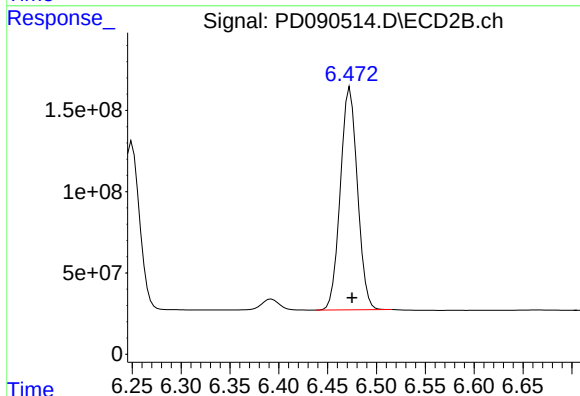
ClientSampleId :

PSTDCCC050

Manual Integrations

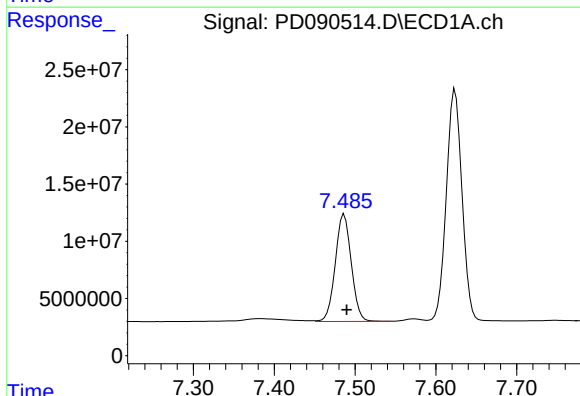
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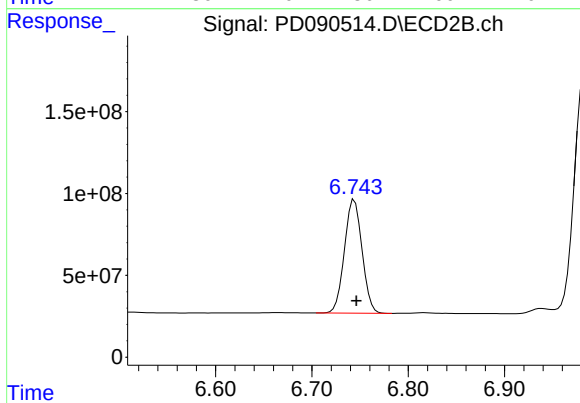
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: -0.002 min  
Response: 1668116272  
Conc: 51.03 ng/ml



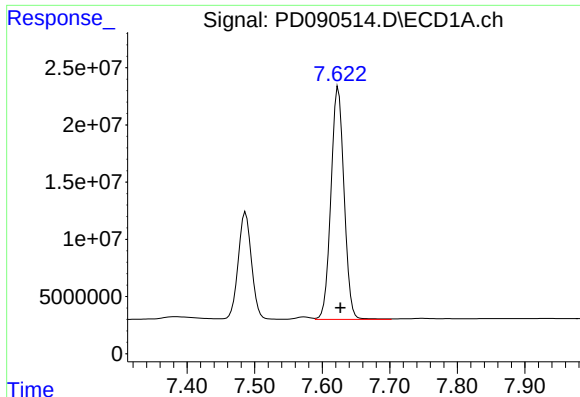
#20 Methoxychlor

R.T.: 7.487 min  
Delta R.T.: -0.003 min  
Response: 129104482  
Conc: 54.79 ng/ml



#20 Methoxychlor

R.T.: 6.744 min  
Delta R.T.: -0.002 min  
Response: 878880982  
Conc: 50.51 ng/ml



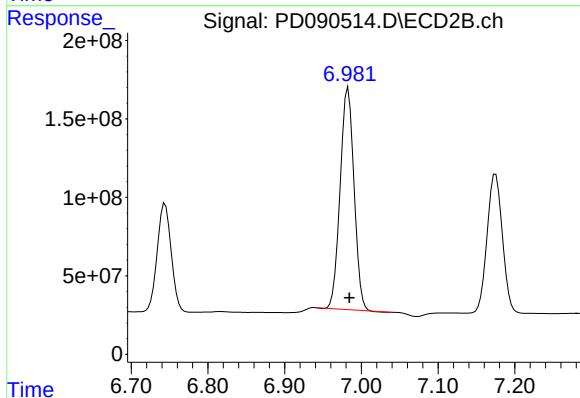
#21 Endrin ketone

R.T.: 7.624 min  
Delta R.T.: -0.003 min  
Response: 275730210  
Conc: 55.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

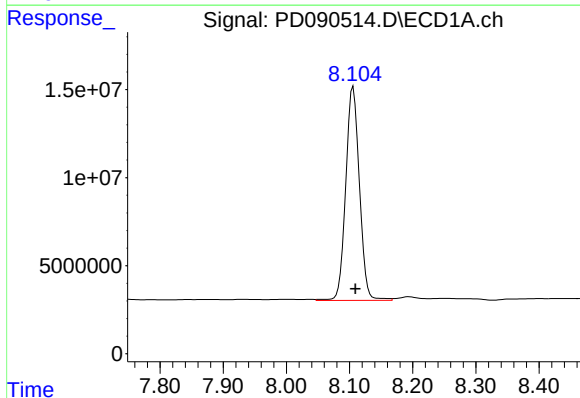
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 10/06/2025  
Supervised By :mohammad ahmed 10/06/2025



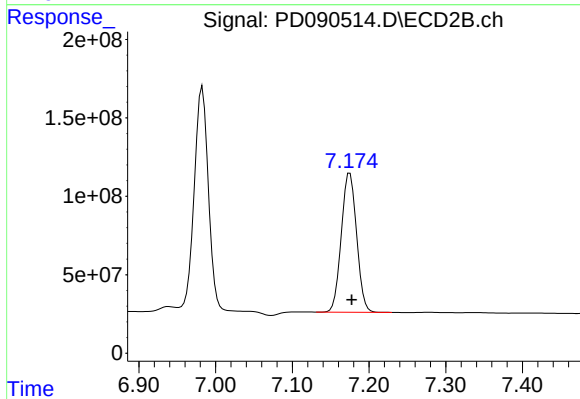
#21 Endrin ketone

R.T.: 6.983 min  
Delta R.T.: -0.002 min  
Response: 1772159590  
Conc: 49.09 ng/ml



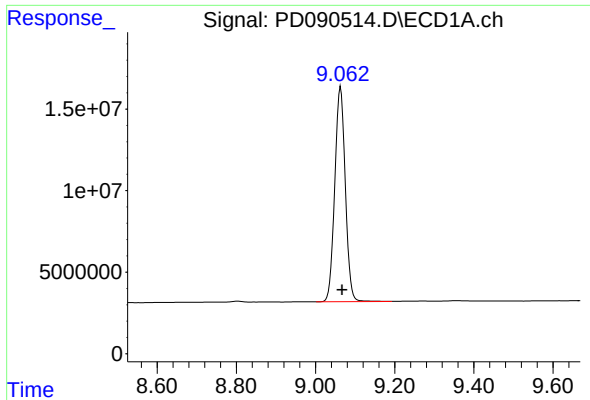
#22 Mirex

R.T.: 8.106 min  
Delta R.T.: -0.004 min  
Response: 183578903  
Conc: 49.55 ng/ml



#22 Mirex

R.T.: 7.175 min  
Delta R.T.: -0.002 min  
Response: 1231605558  
Conc: 44.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: -0.004 min  
Response: 243401545  
Conc: 50.45 ng/ml

Instrument :

ECD\_D

ClientSampleId :

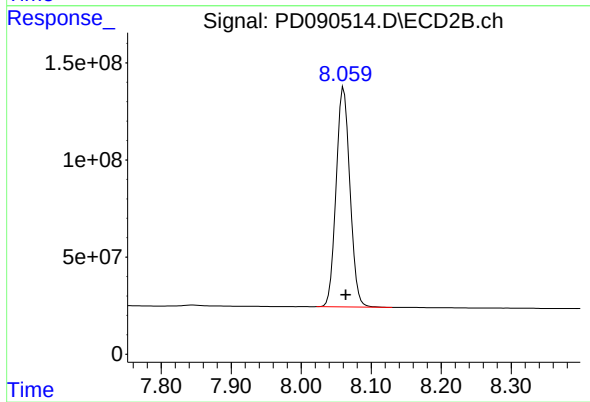
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2025

Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min  
Delta R.T.: -0.003 min  
Response: 1554912559  
Conc: 47.97 ng/ml