

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
 Data File : PD089959.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2025 03:30  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/18/2025  
 Supervised By : mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 01:58:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 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... | 3.548 | 2.878 | 115.1E6  | 889.2E6  | 46.680  | 56.143   |
| 28)                         | SA Decachlor... | 9.067 | 8.066 | 165.7E6  | 1041.0E6 | 44.588  | 51.848   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.998 | 3.390 | 238.5E6  | 1377.1E6 | 48.155  | 56.661   |
| 3)                          | MA gamma-BHC... | 4.328 | 3.727 | 227.6E6  | 1277.8E6 | 47.893  | 56.729   |
| 4)                          | MA Heptachlor   | 4.927 | 4.080 | 222.8E6  | 1283.1E6 | 46.312  | 55.283   |
| 5)                          | MB Aldrin       | 5.268 | 4.365 | 216.7E6  | 1266.3E6 | 47.465  | 56.913   |
| 6)                          | B beta-BHC      | 4.515 | 4.023 | 87928705 | 537.1E6  | 47.666  | 55.659   |
| 7)                          | B delta-BHC     | 4.763 | 4.259 | 220.1E6  | 1294.2E6 | 47.984  | 56.974   |
| 8)                          | B Heptachlo...  | 5.688 | 4.869 | 196.9E6  | 1151.9E6 | 47.090  | 56.054   |
| 9)                          | A Endosulfan I  | 6.072 | 5.242 | 182.2E6  | 975.2E6  | 45.968  | 49.886   |
| 10)                         | B gamma-Chl...  | 5.943 | 5.121 | 193.4E6  | 1239.3E6 | 46.272  | 57.233   |
| 11)                         | B alpha-Chl...  | 6.024 | 5.186 | 193.8E6  | 1184.5E6 | 46.099  | 56.886   |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.371 | 168.9E6  | 1205.1E6 | 45.276  | 57.013 # |
| 13)                         | MA Dieldrin     | 6.344 | 5.509 | 191.7E6  | 1239.3E6 | 45.387  | 57.270 # |
| 14)                         | MA Endrin       | 6.571 | 5.786 | 165.9E6  | 1272.3E6 | 46.372  | 63.854 # |
| 15)                         | B Endosulfa...  | 6.783 | 6.076 | 169.0E6  | 1062.3E6 | 46.044  | 56.505   |
| 16)                         | A 4,4'-DDD      | 6.701 | 5.925 | 140.9E6  | 1009.2E6 | 47.032m | 57.233   |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.179 | 147.9E6  | 1051.8E6 | 44.007  | 57.248 # |
| 18)                         | B Endrin al...  | 6.912 | 6.254 | 118.7E6  | 759.9E6  | 47.577  | 58.818   |
| 19)                         | B Endosulfa...  | 7.146 | 6.478 | 151.6E6  | 1008.6E6 | 43.680  | 54.325   |
| 20)                         | A Methoxychlor  | 7.490 | 6.749 | 80696233 | 576.2E6  | 45.133  | 58.826 # |
| 21)                         | B Endrin ke...  | 7.627 | 6.987 | 163.6E6  | 1073.8E6 | 44.040  | 53.507   |
| 22)                         | Mirex           | 8.110 | 7.180 | 120.5E6  | 851.4E6  | 43.228  | 55.935 # |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
Data File : PD089959.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2025 03:30  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

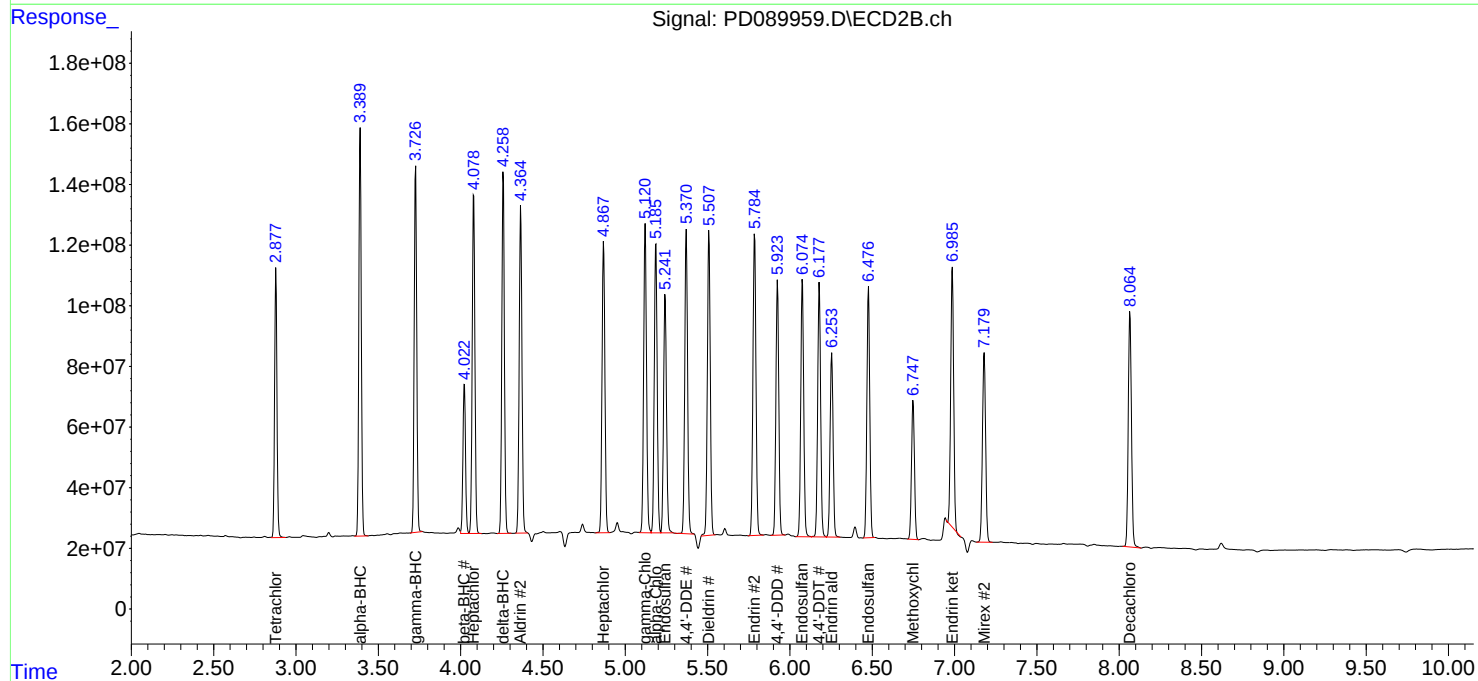
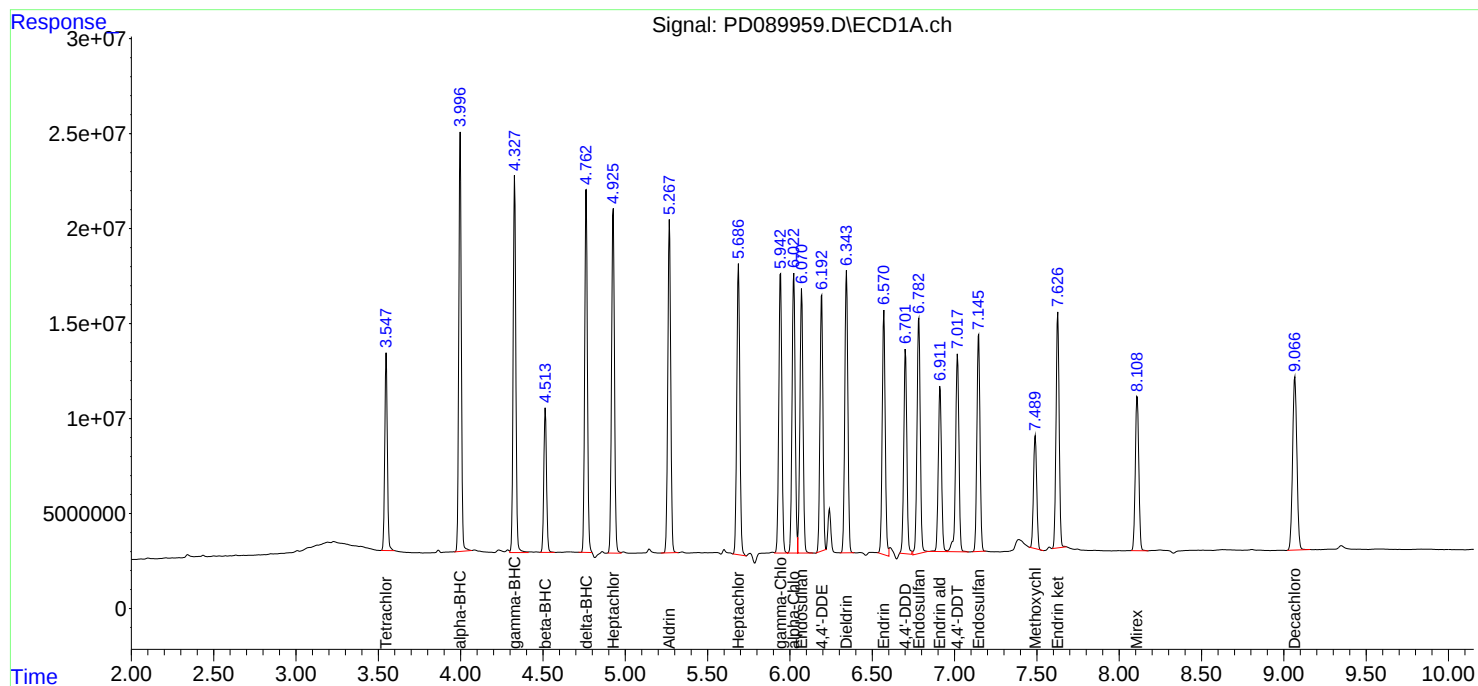
## APPROVED

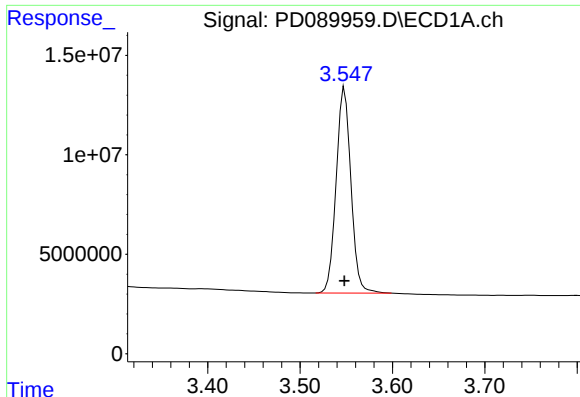
Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 01:58:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 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





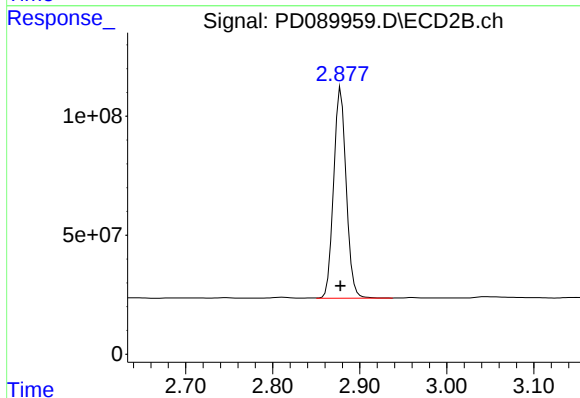
#1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 115140798  
Conc: 46.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

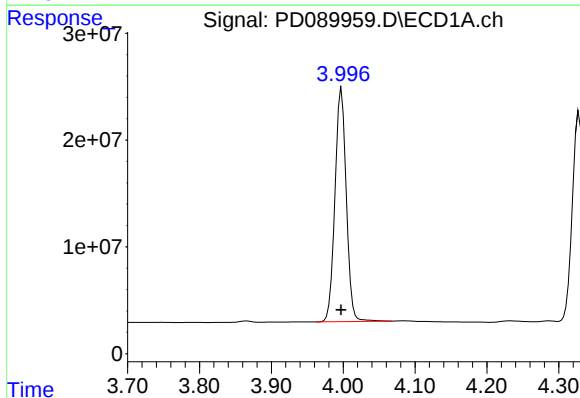
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



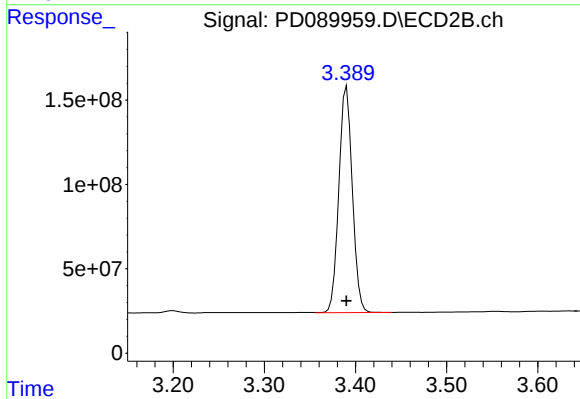
#1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 889187934  
Conc: 56.14 ng/ml



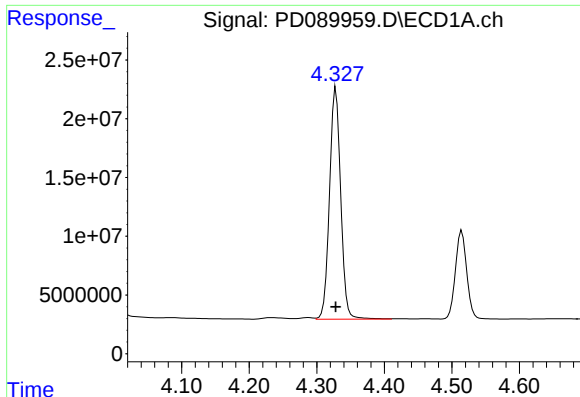
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.000 min  
Response: 238538017  
Conc: 48.16 ng/ml



#2 alpha-BHC

R.T.: 3.390 min  
Delta R.T.: 0.000 min  
Response: 1377135800  
Conc: 56.66 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 227605590  
Conc: 47.89 ng/ml

Instrument :

ECD\_D

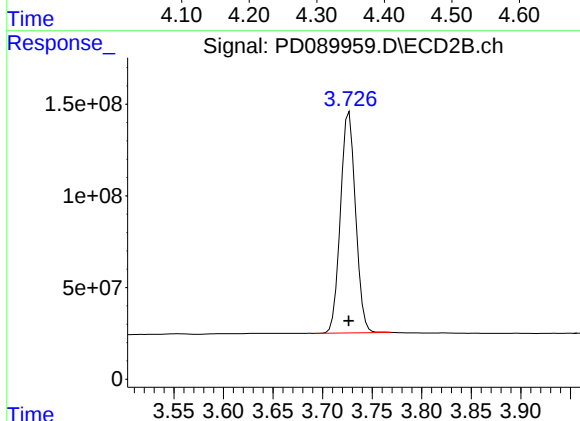
ClientSampleId :

PSTDCCC050

Manual Integrations

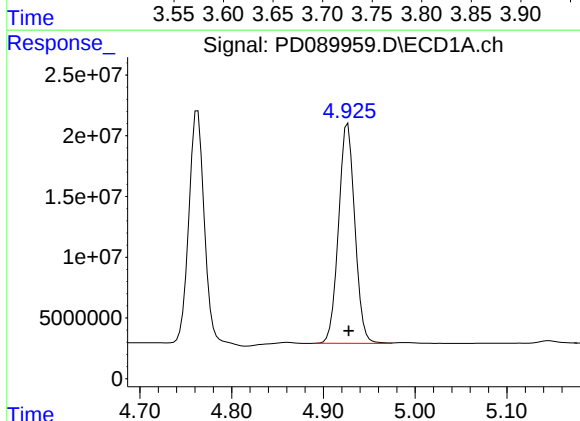
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



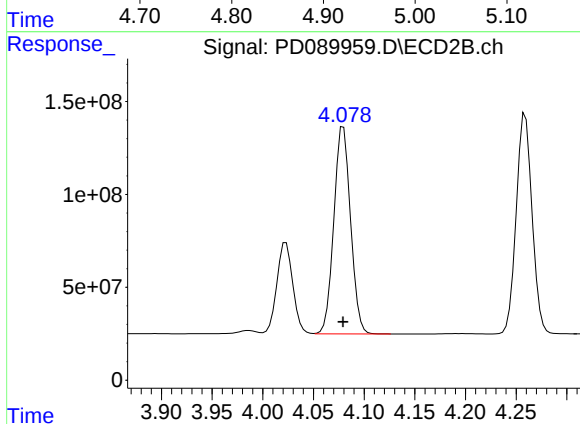
#3 gamma-BHC (Lindane)

R.T.: 3.727 min  
Delta R.T.: 0.000 min  
Response: 1277770705  
Conc: 56.73 ng/ml



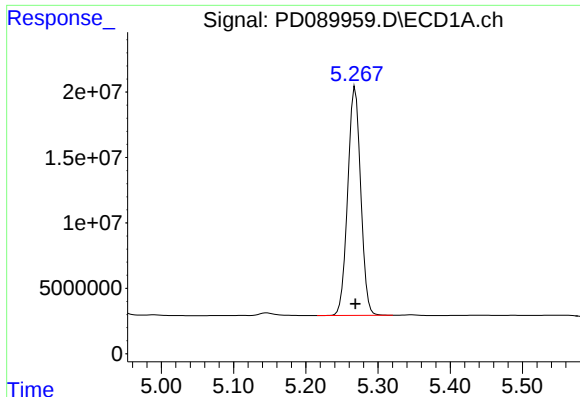
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 222829579  
Conc: 46.31 ng/ml



#4 Heptachlor

R.T.: 4.080 min  
Delta R.T.: 0.000 min  
Response: 1283070448  
Conc: 55.28 ng/ml



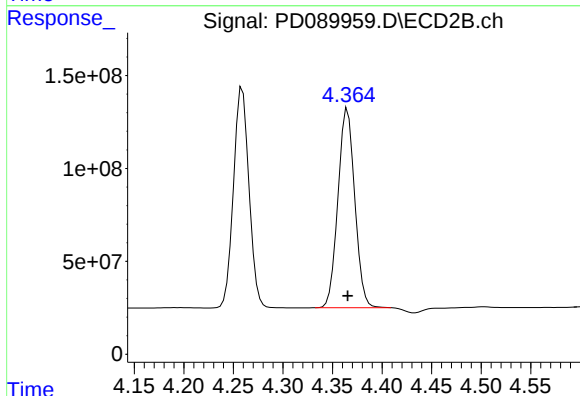
#5 Aldrin

R.T.: 5.268 min  
Delta R.T.: 0.000 min  
Response: 216671886  
Conc: 47.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

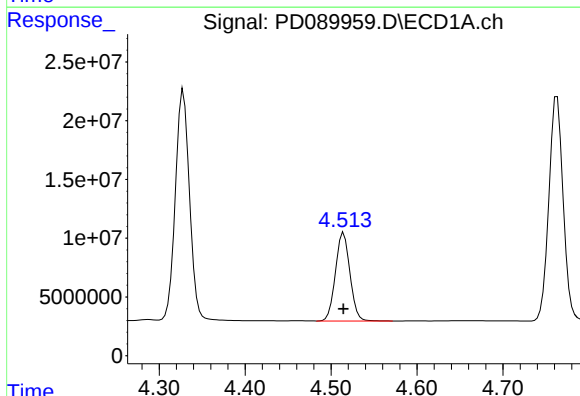
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



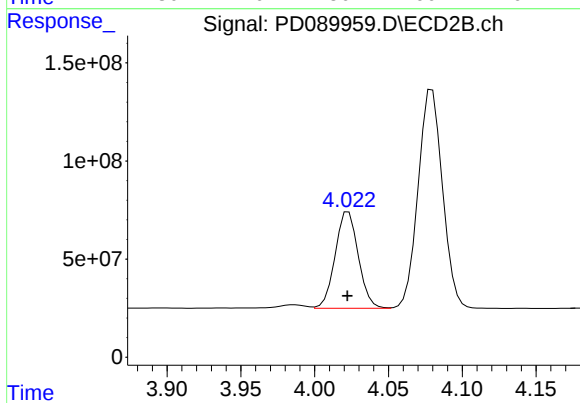
#5 Aldrin

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 1266348579  
Conc: 56.91 ng/ml



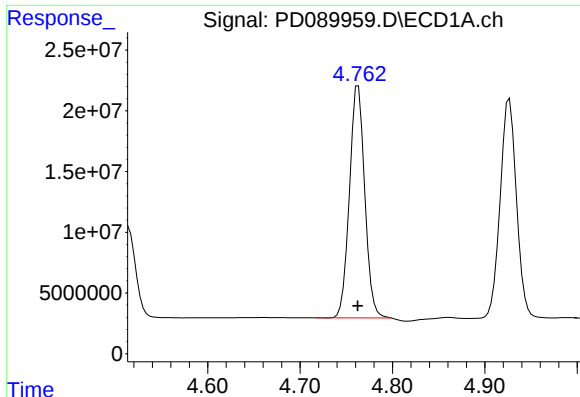
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 87928705  
Conc: 47.67 ng/ml



#6 beta-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 537054344  
Conc: 55.66 ng/ml



#7 delta-BHC

R.T.: 4.763 min  
Delta R.T.: 0.000 min  
Response: 220064094  
Conc: 47.98 ng/ml

Instrument :

ECD\_D

ClientSampleId :

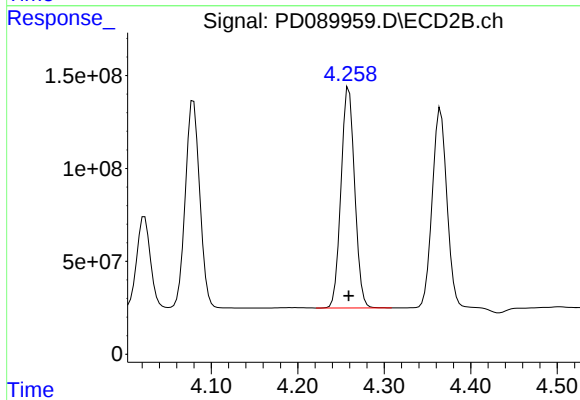
PSTDCCC050

Manual Integrations

APPROVED

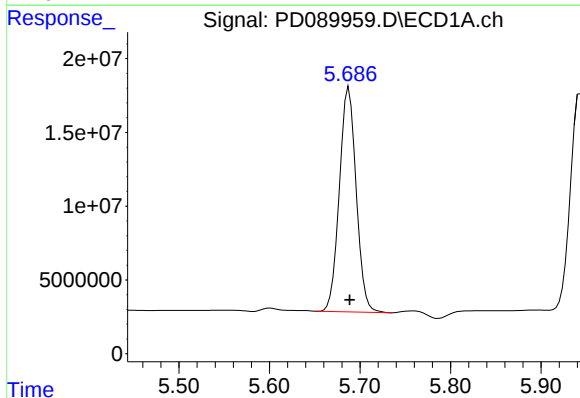
Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025



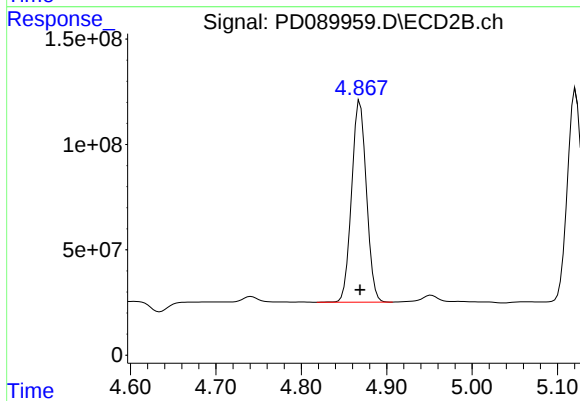
#7 delta-BHC

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 1294171187  
Conc: 56.97 ng/ml



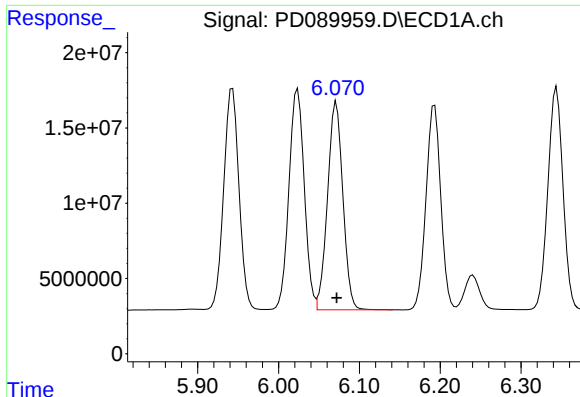
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.001 min  
Response: 196869136  
Conc: 47.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 1151891522  
Conc: 56.05 ng/ml



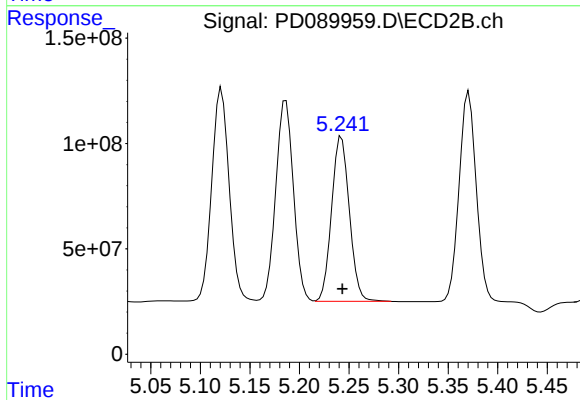
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 182198879  
Conc: 45.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

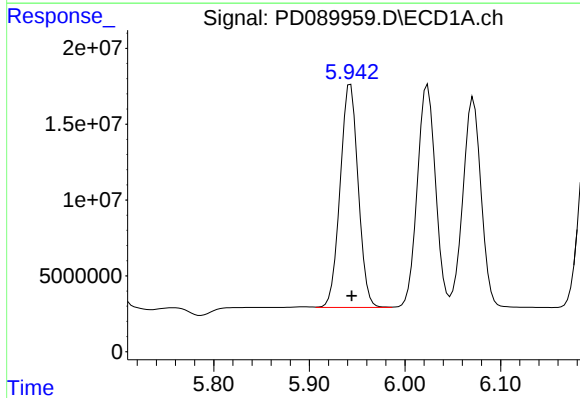
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



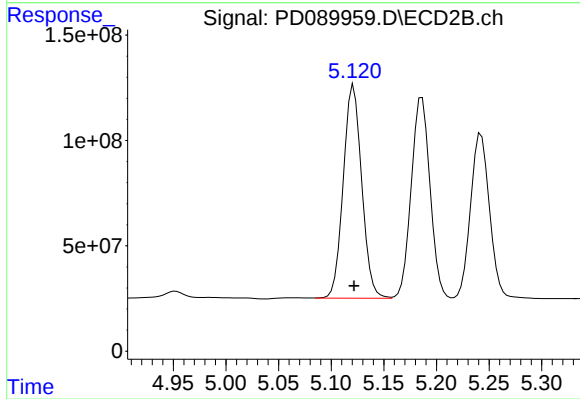
#9 Endosulfan I

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 975187822  
Conc: 49.89 ng/ml



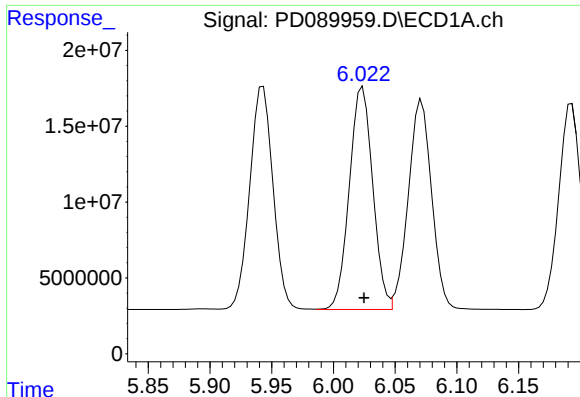
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: -0.001 min  
Response: 193374184  
Conc: 46.27 ng/ml



#10 gamma-Chlordane

R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 1239292833  
Conc: 57.23 ng/ml



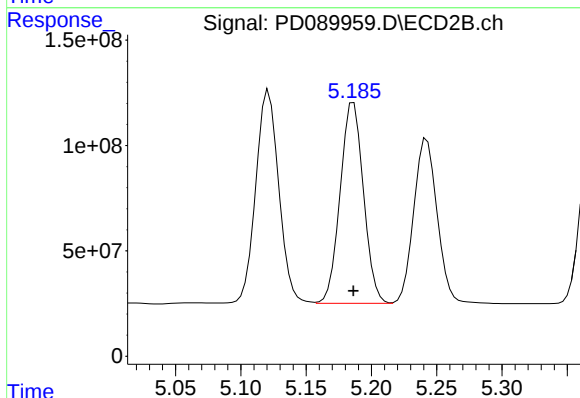
#11 alpha-Chlordane

R.T.: 6.024 min  
Delta R.T.: -0.001 min  
Response: 193809751  
Conc: 46.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

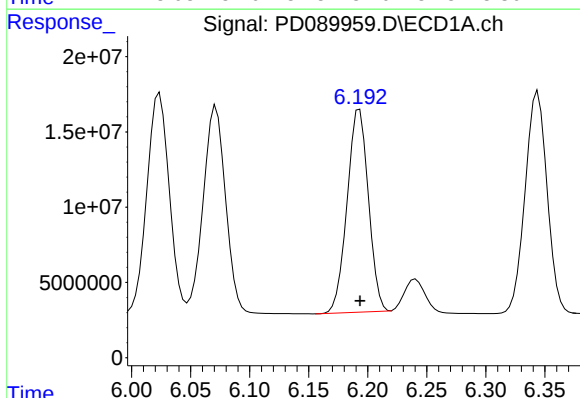
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



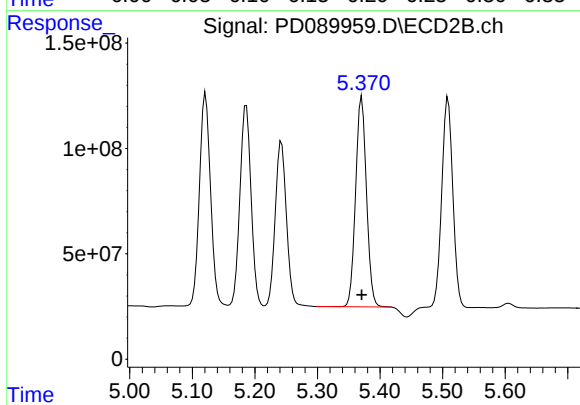
#11 alpha-Chlordane

R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 1184473620  
Conc: 56.89 ng/ml



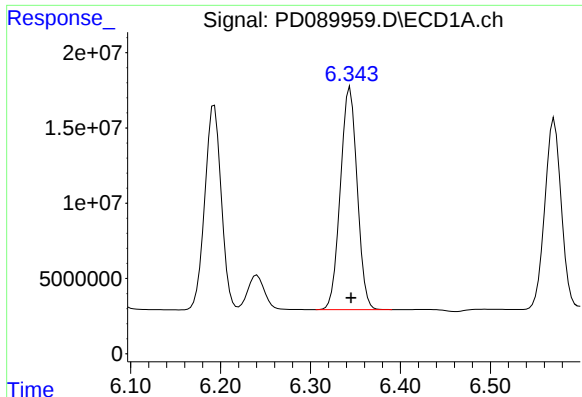
#12 4,4'-DDE

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 168867336  
Conc: 45.28 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min  
Delta R.T.: 0.000 min  
Response: 1205084582  
Conc: 57.01 ng/ml



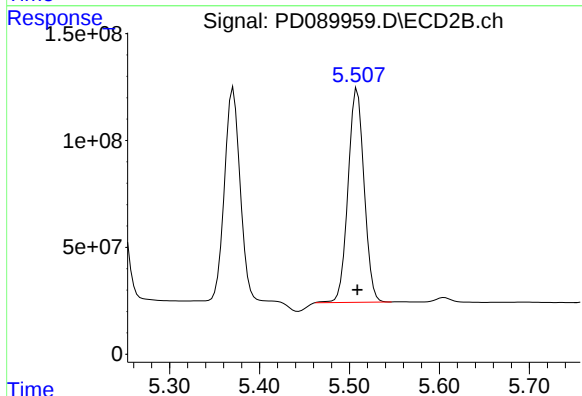
#13 Dieldrin

R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 191687245  
Conc: 45.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

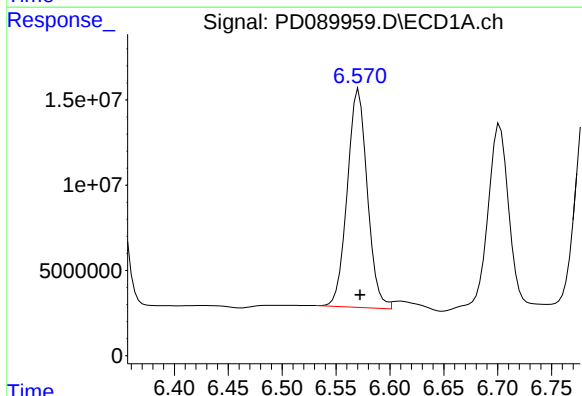
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



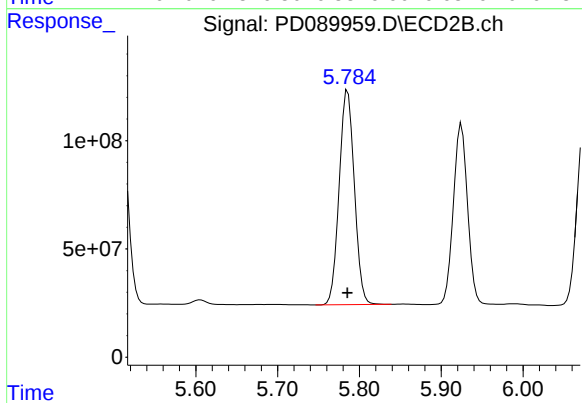
#13 Dieldrin

R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 1239257954  
Conc: 57.27 ng/ml



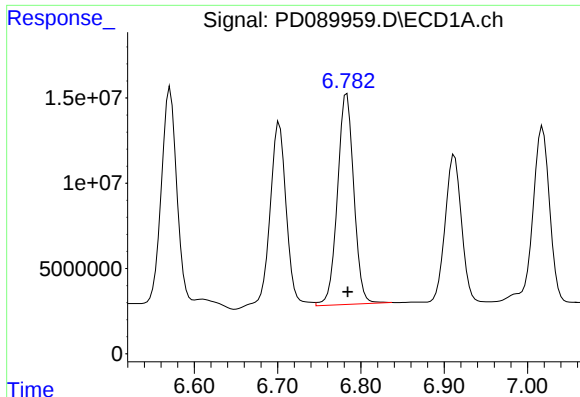
#14 Endrin

R.T.: 6.571 min  
Delta R.T.: -0.001 min  
Response: 165905231  
Conc: 46.37 ng/ml



#14 Endrin

R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 1272292347  
Conc: 63.85 ng/ml



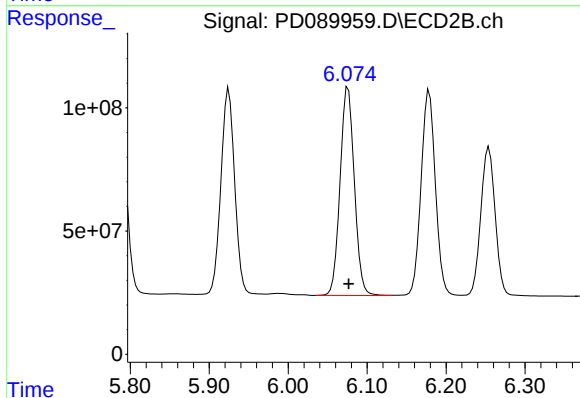
#15 Endosulfan II

R.T.: 6.783 min  
Delta R.T.: 0.000 min  
Response: 168954269  
Conc: 46.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

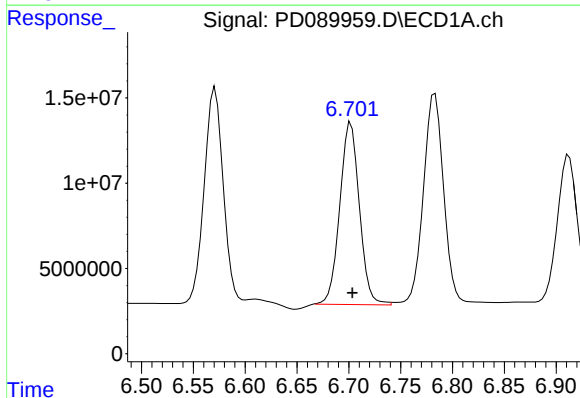
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



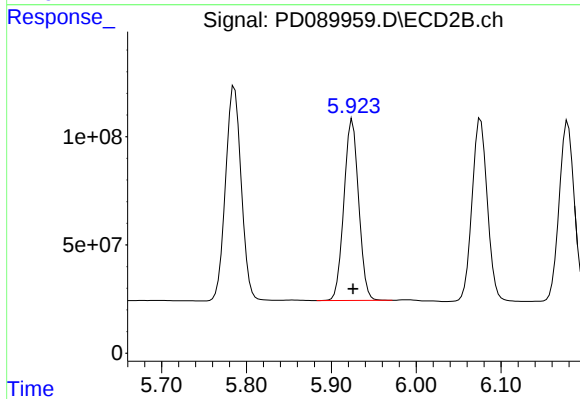
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 1062272225  
Conc: 56.51 ng/ml



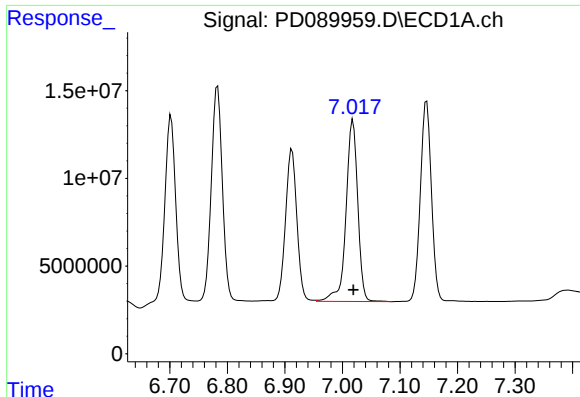
#16 4,4'-DDD

R.T.: 6.701 min  
Delta R.T.: -0.003 min  
Response: 140853477  
Conc: 47.03 ng/ml m



#16 4,4'-DDD

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 1009165978  
Conc: 57.23 ng/ml



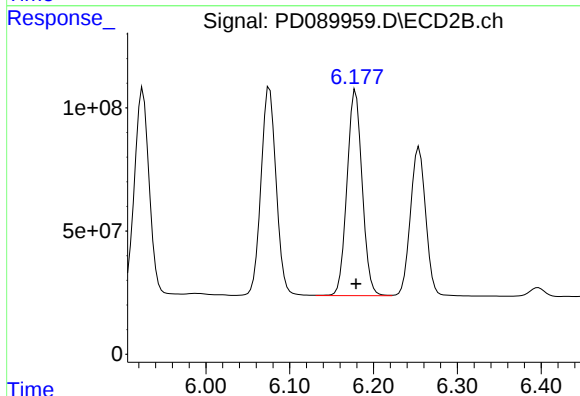
#17 4,4'-DDT

R.T.: 7.018 min  
Delta R.T.: -0.001 min  
Response: 147875393  
Conc: 44.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

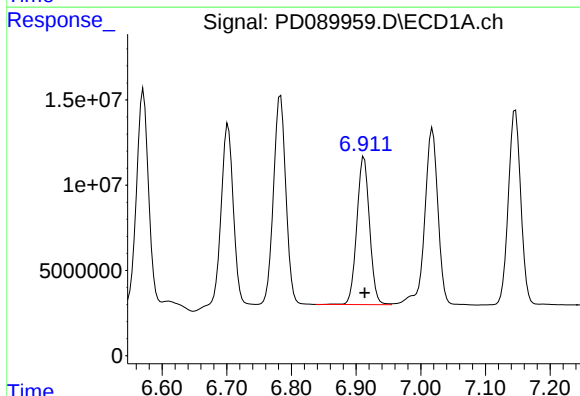
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



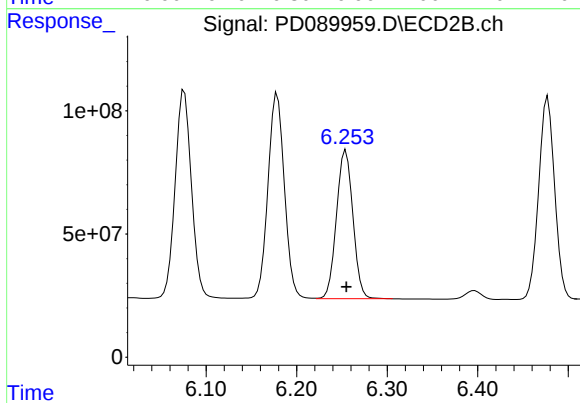
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 1051794226  
Conc: 57.25 ng/ml



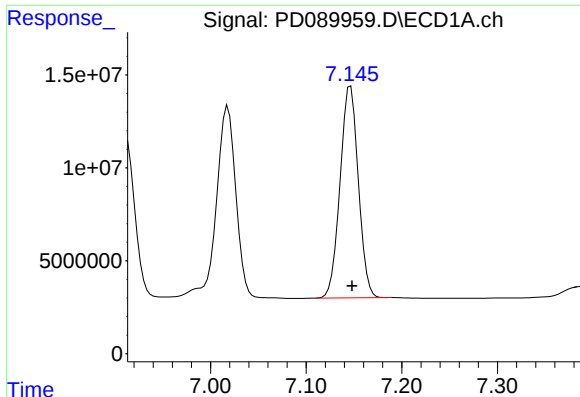
#18 Endrin aldehyde

R.T.: 6.912 min  
Delta R.T.: 0.000 min  
Response: 118730500  
Conc: 47.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min  
Delta R.T.: 0.000 min  
Response: 759947747  
Conc: 58.82 ng/ml



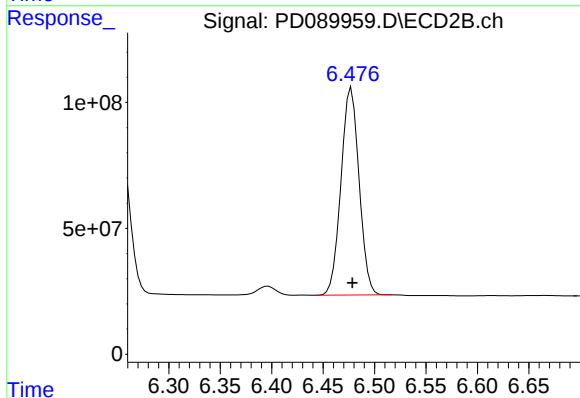
#19 Endosulfan Sulfate

R.T.: 7.146 min  
Delta R.T.: -0.002 min  
Response: 151573307  
Conc: 43.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

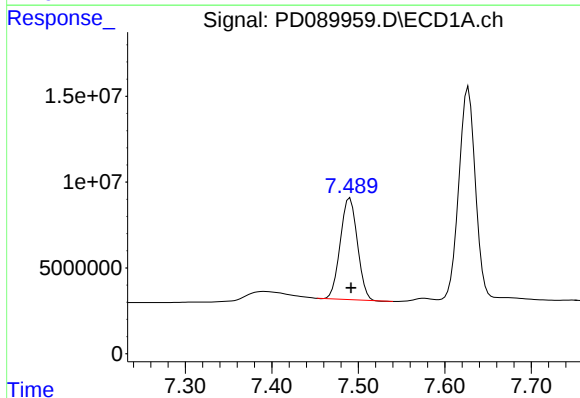
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



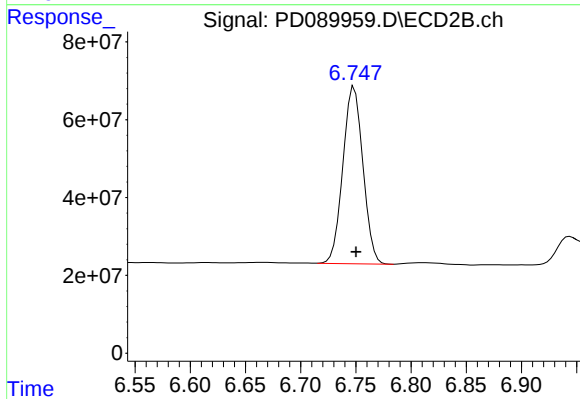
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 1008572776  
Conc: 54.32 ng/ml



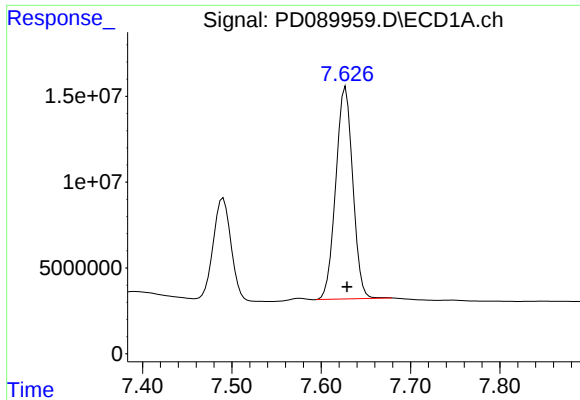
#20 Methoxychlor

R.T.: 7.490 min  
Delta R.T.: -0.001 min  
Response: 80696233  
Conc: 45.13 ng/ml



#20 Methoxychlor

R.T.: 6.749 min  
Delta R.T.: -0.002 min  
Response: 576227474  
Conc: 58.83 ng/ml



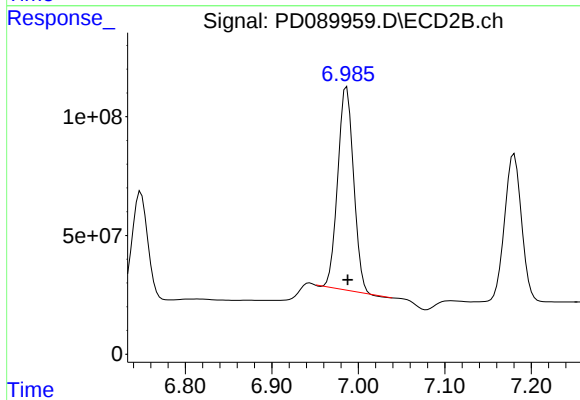
#21 Endrin ketone

R.T.: 7.627 min  
Delta R.T.: -0.001 min  
Response: 163570635  
Conc: 44.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

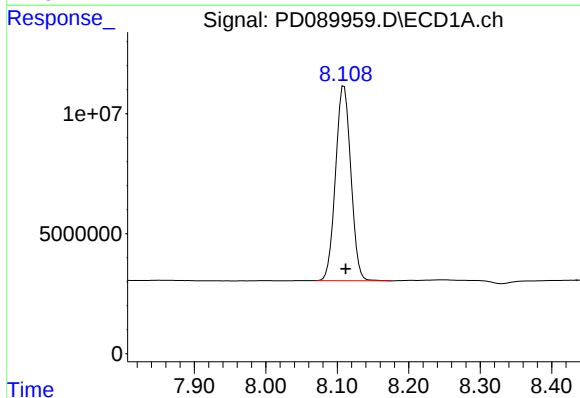
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



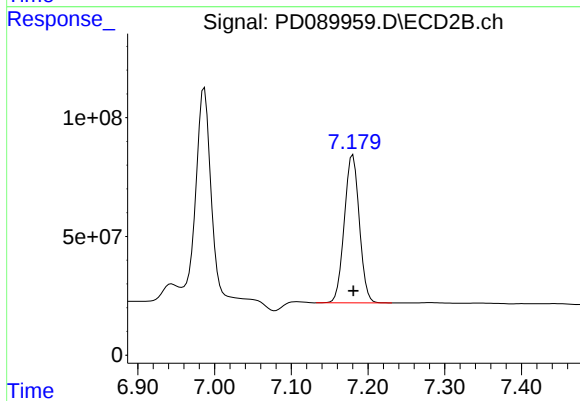
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: 0.000 min  
Response: 1073789976  
Conc: 53.51 ng/ml



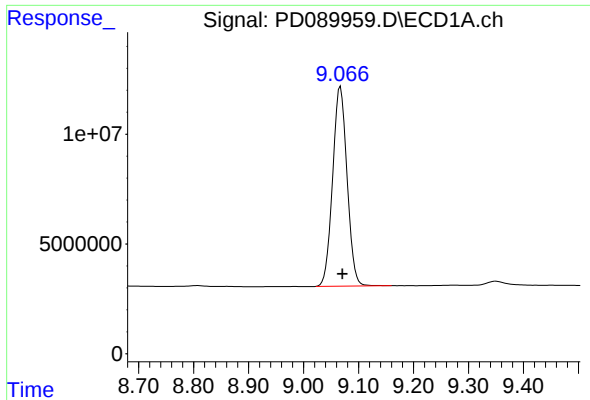
#22 Mirex

R.T.: 8.110 min  
Delta R.T.: -0.002 min  
Response: 120532483  
Conc: 43.23 ng/ml



#22 Mirex

R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 851393250  
Conc: 55.93 ng/ml



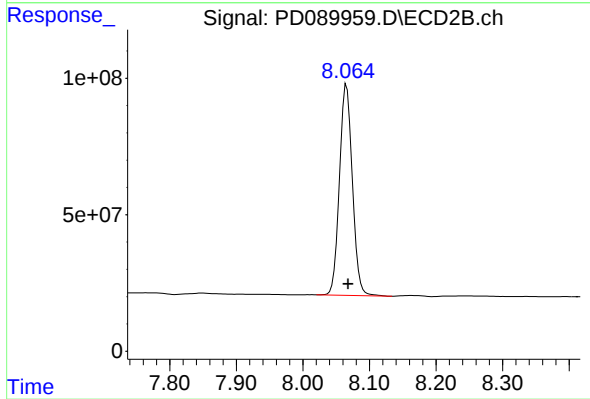
#28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: -0.004 min  
Response: 165700819  
Conc: 44.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
Supervised By :mohammad ahmed 08/19/2025



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: -0.002 min  
Response: 1041007423  
Conc: 51.85 ng/ml