

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092925\  
 Data File : PD090445.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Sep 2025 23:19  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/30/2025  
 Supervised By : mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 02:36:07 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 | 165.1E6 | 1361.1E6 | 50.803  | 49.585 |
| 28)                         | SA Decachlor... | 9.063 | 8.061 | 246.1E6 | 1616.7E6 | 51.009  | 49.876 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.994 | 3.387 | 405.9E6 | 2356.0E6 | 58.107  | 53.810 |
| 3)                          | MA gamma-BHC... | 4.325 | 3.723 | 378.9E6 | 2181.8E6 | 57.269  | 53.560 |
| 4)                          | MA Heptachlor   | 4.923 | 4.075 | 384.5E6 | 2199.8E6 | 58.148  | 54.026 |
| 5)                          | MB Aldrin       | 5.264 | 4.361 | 367.8E6 | 2150.5E6 | 57.922  | 53.849 |
| 6)                          | B beta-BHC      | 4.512 | 4.019 | 139.5E6 | 905.7E6  | 54.061  | 52.244 |
| 7)                          | B delta-BHC     | 4.759 | 4.255 | 377.0E6 | 2218.2E6 | 58.384m | 53.715 |
| 8)                          | B Heptachlo...  | 5.684 | 4.864 | 324.4E6 | 2001.7E6 | 56.763  | 54.298 |
| 9)                          | A Endosulfan I  | 6.066 | 5.239 | 309.2E6 | 1832.3E6 | 57.240m | 52.947 |
| 10)                         | B gamma-Chl...  | 5.939 | 5.117 | 326.1E6 | 2104.5E6 | 57.090  | 53.568 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.182 | 328.4E6 | 2018.8E6 | 57.002m | 53.598 |
| 12)                         | B 4,4'-DDE      | 6.190 | 5.366 | 301.4E6 | 2064.0E6 | 57.878  | 53.919 |
| 13)                         | MA Dieldrin     | 6.340 | 5.504 | 336.9E6 | 2103.0E6 | 58.443  | 53.998 |
| 14)                         | MA Endrin       | 6.568 | 5.781 | 289.9E6 | 1952.5E6 | 59.241  | 54.490 |
| 15)                         | B Endosulfa...  | 6.780 | 6.072 | 287.6E6 | 1818.4E6 | 58.961  | 53.878 |
| 16)                         | A 4,4'-DDD      | 6.699 | 5.921 | 239.8E6 | 1728.7E6 | 58.518  | 53.309 |
| 17)                         | MA 4,4'-DDT     | 7.015 | 6.174 | 264.6E6 | 1862.3E6 | 59.434  | 54.168 |
| 18)                         | B Endrin al...  | 6.908 | 6.250 | 203.0E6 | 1339.0E6 | 59.172m | 56.865 |
| 19)                         | B Endosulfa...  | 7.143 | 6.473 | 263.8E6 | 1767.5E6 | 57.351  | 54.069 |
| 20)                         | A Methoxychlor  | 7.487 | 6.744 | 133.5E6 | 943.2E6  | 56.671  | 54.206 |
| 21)                         | B Endrin ke...  | 7.624 | 6.982 | 284.5E6 | 1883.7E6 | 57.498  | 52.177 |
| 22)                         | Mirex           | 8.106 | 7.174 | 183.9E6 | 1304.0E6 | 49.629  | 47.237 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092925\  
Data File : PD090445.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Sep 2025 23:19  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

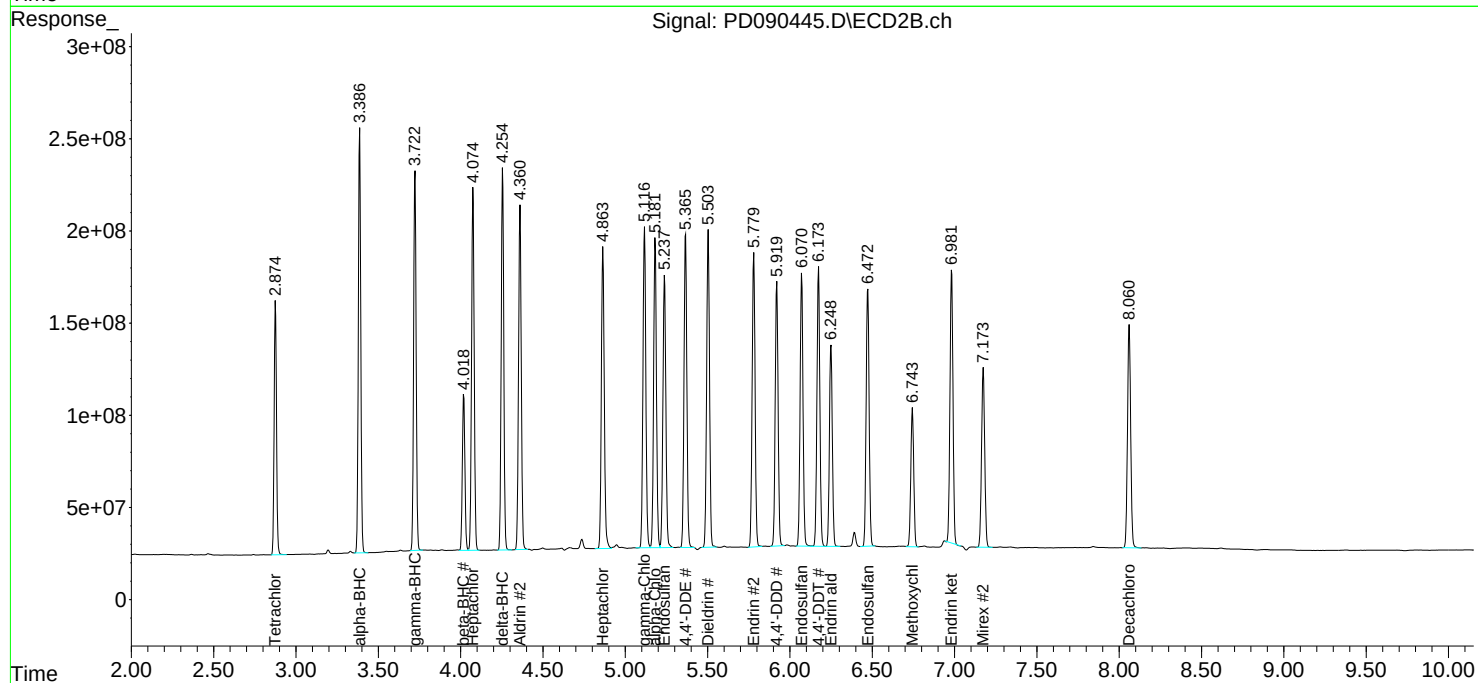
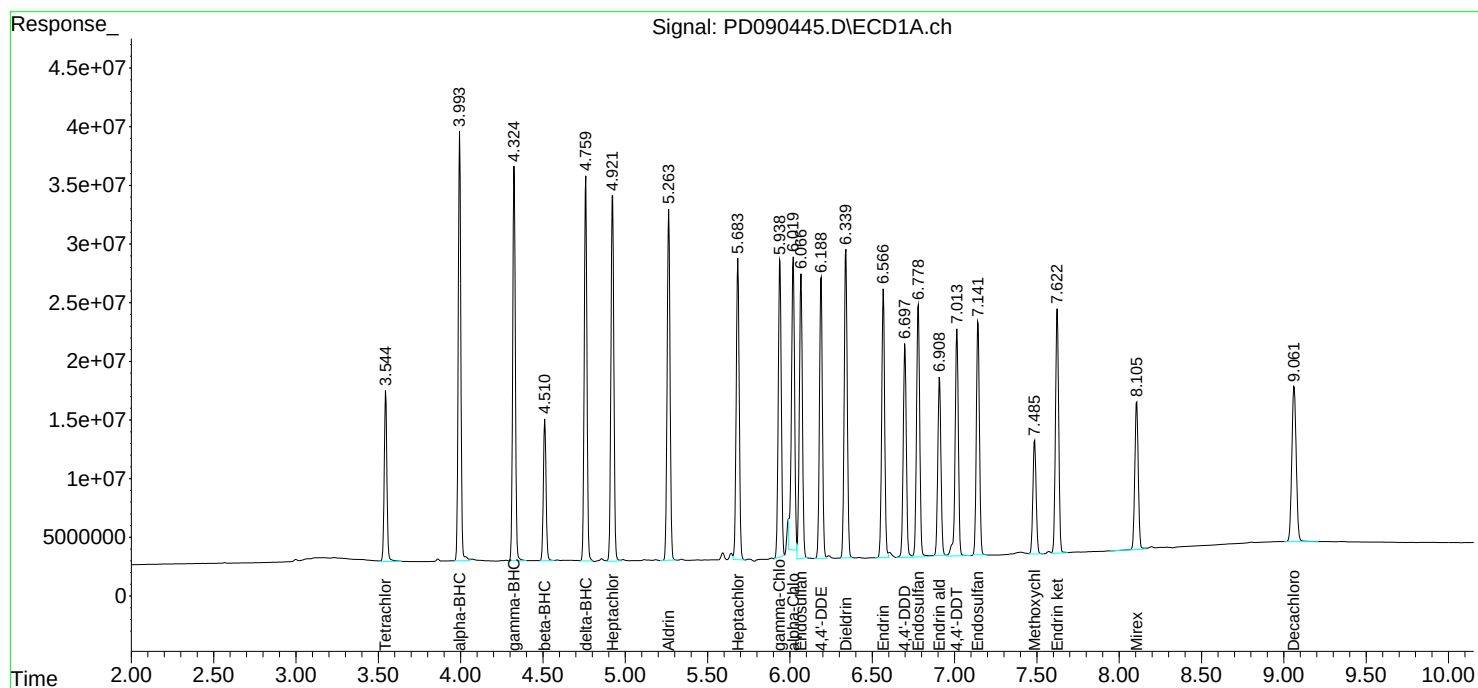
## APPROVED

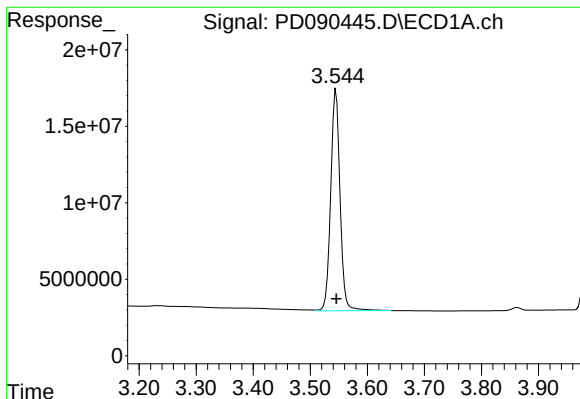
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 02:36:07 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: 165133727  
Conc: 50.80 ng/ml

Instrument :

ECD\_D

ClientSampleId :

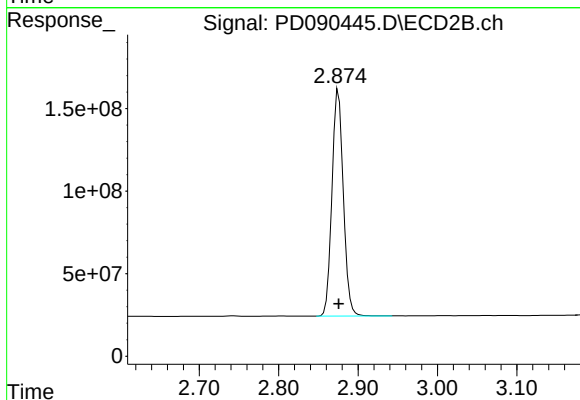
PSTDCCC050

Manual Integrations

APPROVED

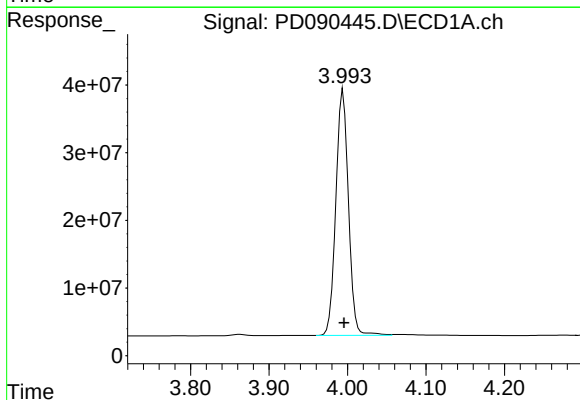
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



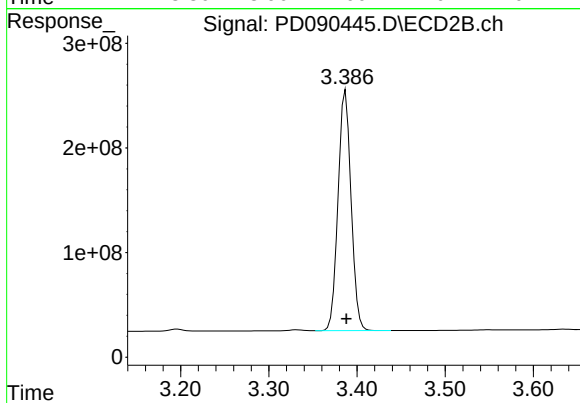
#1 Tetrachloro-m-xylene

R.T.: 2.875 min  
Delta R.T.: 0.000 min  
Response: 1361098170  
Conc: 49.58 ng/ml



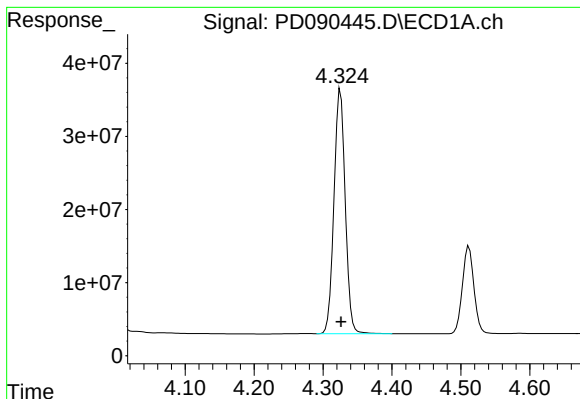
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 405851226  
Conc: 58.11 ng/ml



#2 alpha-BHC

R.T.: 3.387 min  
Delta R.T.: 0.000 min  
Response: 2355966355  
Conc: 53.81 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 378939221  
Conc: 57.27 ng/ml

Instrument :

ECD\_D

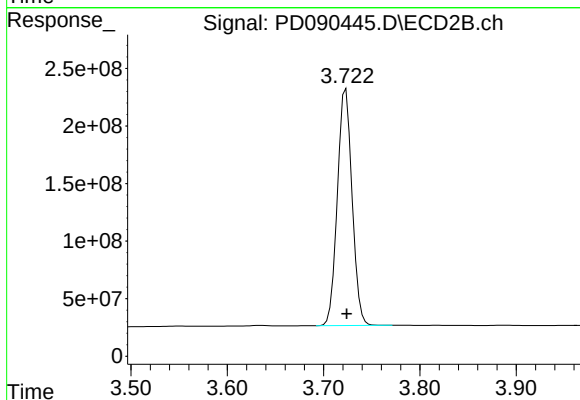
ClientSampleId :

PSTDCCC050

Manual Integrations

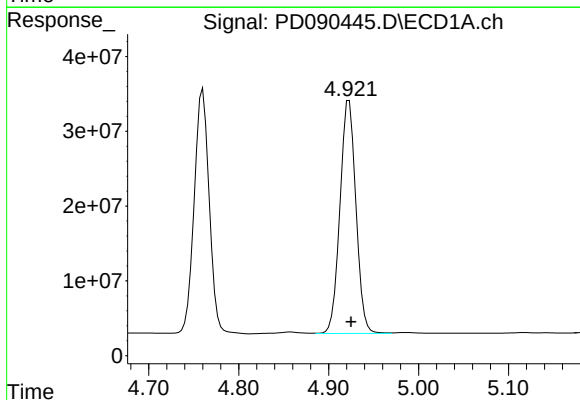
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



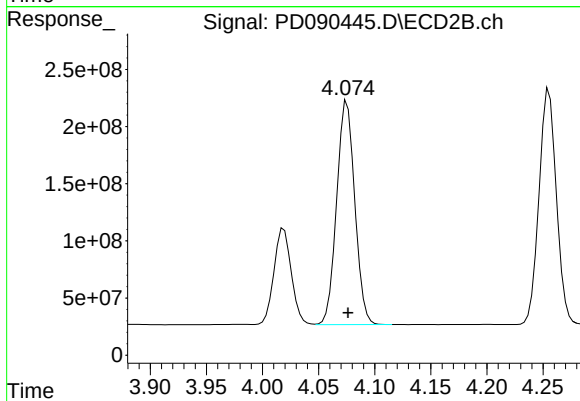
#3 gamma-BHC (Lindane)

R.T.: 3.723 min  
Delta R.T.: 0.000 min  
Response: 2181792455  
Conc: 53.56 ng/ml



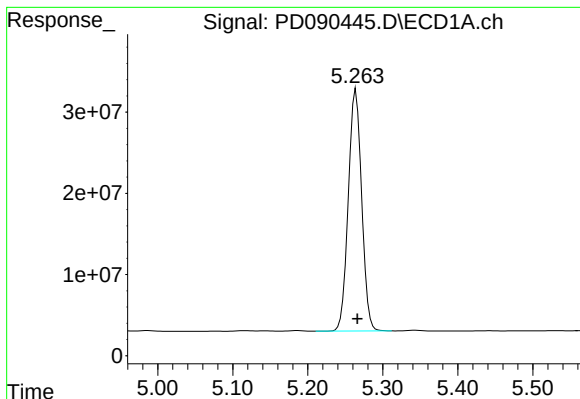
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: -0.002 min  
Response: 384510153  
Conc: 58.15 ng/ml



#4 Heptachlor

R.T.: 4.075 min  
Delta R.T.: 0.000 min  
Response: 2199767593  
Conc: 54.03 ng/ml



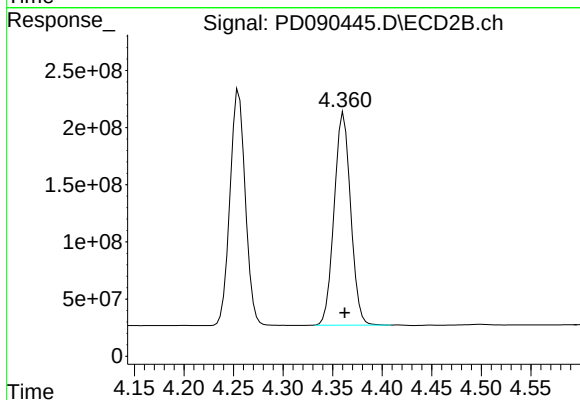
#5 Aldrin

R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 367803588  
Conc: 57.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

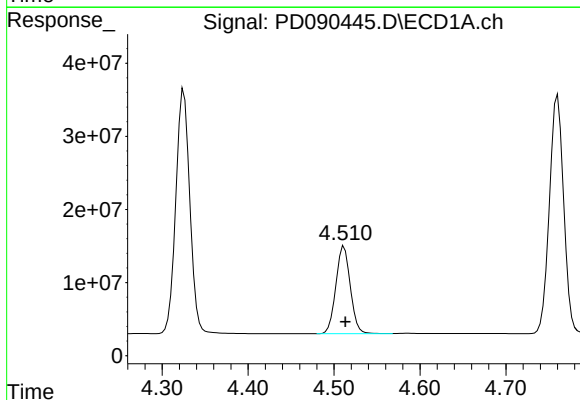
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



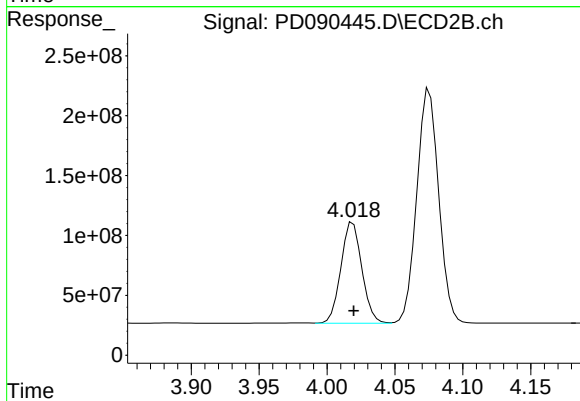
#5 Aldrin

R.T.: 4.361 min  
Delta R.T.: 0.000 min  
Response: 2150467732  
Conc: 53.85 ng/ml



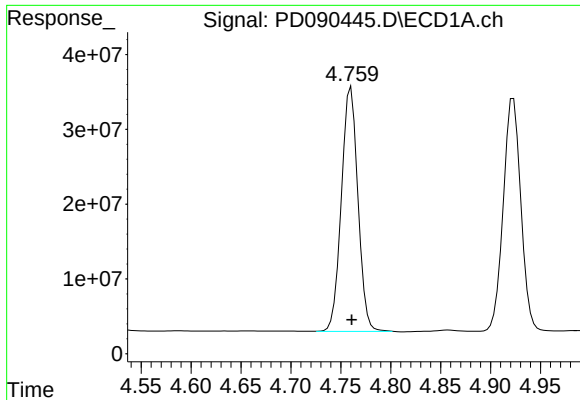
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: -0.002 min  
Response: 139473311  
Conc: 54.06 ng/ml



#6 beta-BHC

R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 905663729  
Conc: 52.24 ng/ml



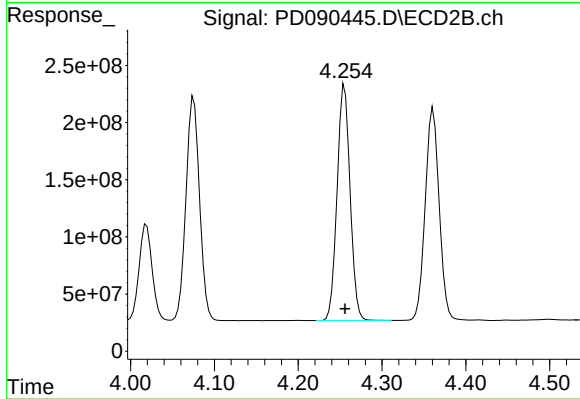
#7 delta-BHC

R.T.: 4.759 min  
Delta R.T.: -0.002 min  
Response: 377012090  
Conc: 58.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

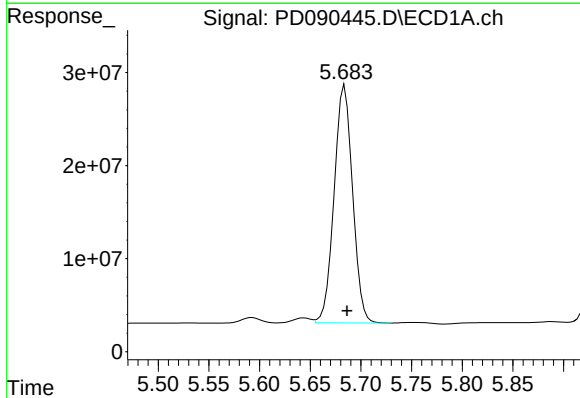
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



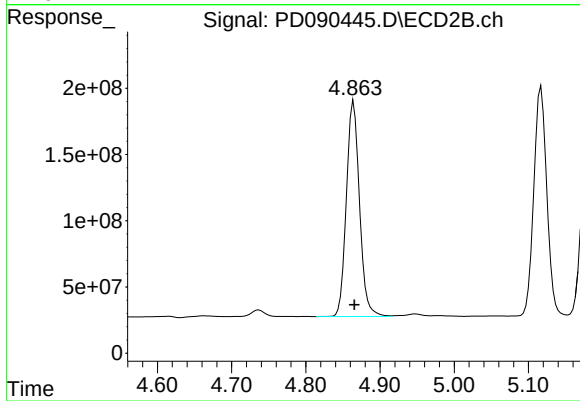
#7 delta-BHC

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 2218155065  
Conc: 53.72 ng/ml



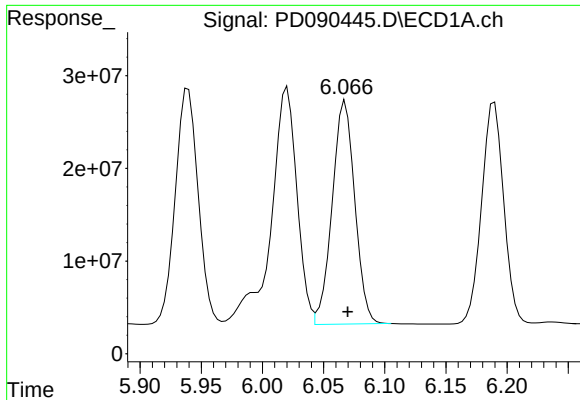
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.002 min  
Response: 324398610  
Conc: 56.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.864 min  
Delta R.T.: -0.001 min  
Response: 2001714508  
Conc: 54.30 ng/ml



#9 Endosulfan I

R.T.: 6.066 min  
Delta R.T.: -0.003 min  
Response: 309181964  
Conc: 57.24 ng/ml

Instrument :

ECD\_D

ClientSampleId :

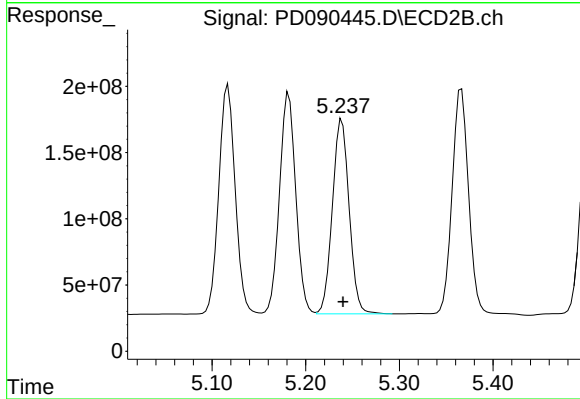
PSTDCCC050

Manual Integrations

APPROVED

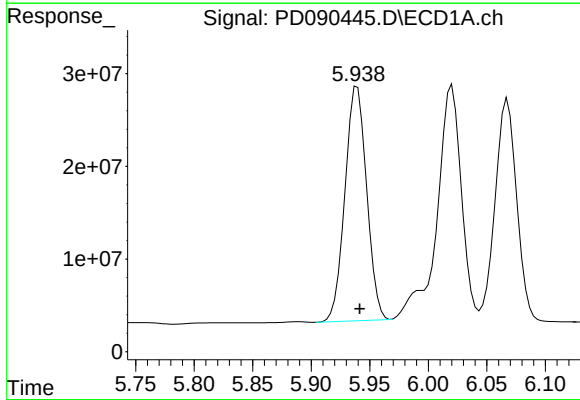
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



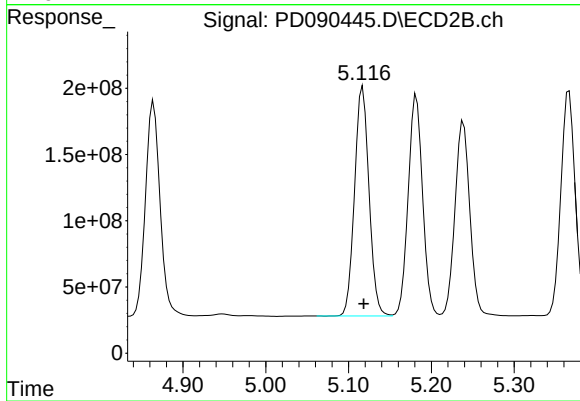
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: -0.001 min  
Response: 1832253867  
Conc: 52.95 ng/ml



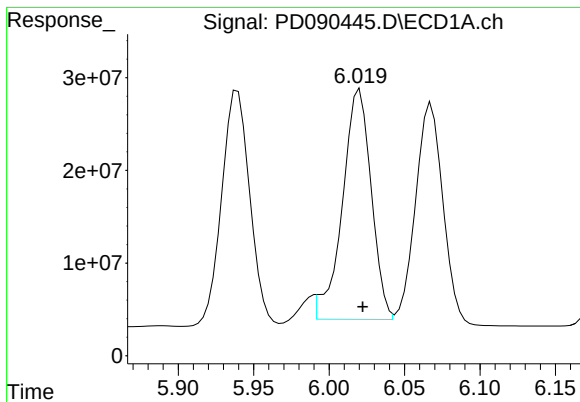
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 326096411  
Conc: 57.09 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min  
Delta R.T.: -0.001 min  
Response: 2104485140  
Conc: 53.57 ng/ml



#11 alpha-Chlordane

R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 328380396  
Conc: 57.00 ng/ml

Instrument :

ECD\_D

ClientSampleId :

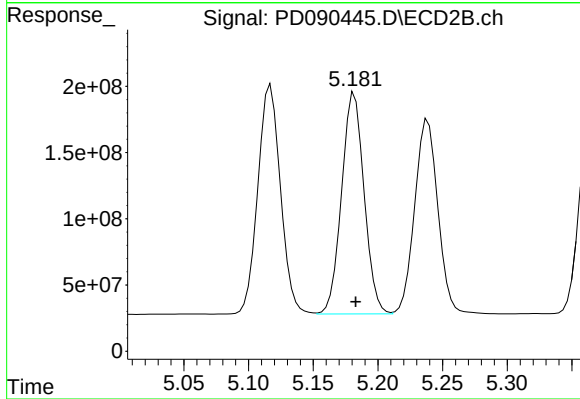
PSTDCCC050

Manual Integrations

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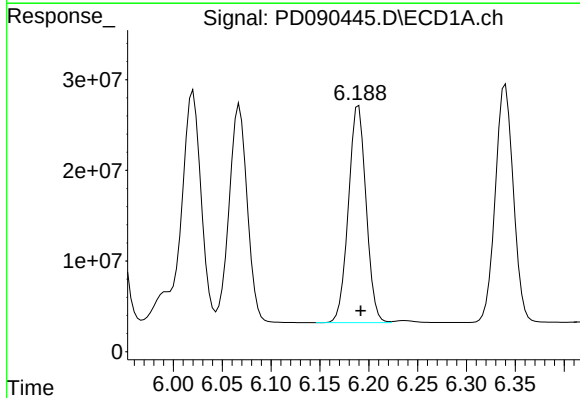
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



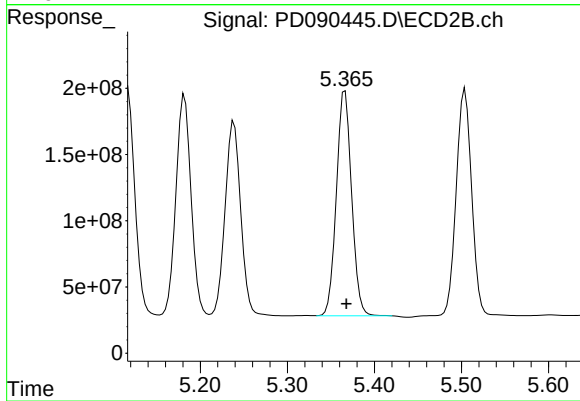
#11 alpha-Chlordane

R.T.: 5.182 min  
Delta R.T.: -0.001 min  
Response: 2018764857  
Conc: 53.60 ng/ml



#12 4,4'-DDE

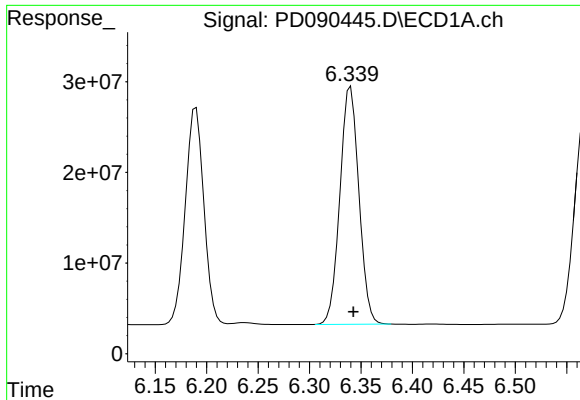
R.T.: 6.190 min  
Delta R.T.: -0.002 min  
Response: 301399513  
Conc: 57.88 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min  
Delta R.T.: -0.001 min  
Response: 2063962692  
Conc: 53.92 ng/ml





#13 Dieldrin

R.T.: 6.340 min  
Delta R.T.: -0.003 min  
Response: 336908015  
Conc: 58.44 ng/ml

Instrument :

ECD\_D

ClientSampleId :

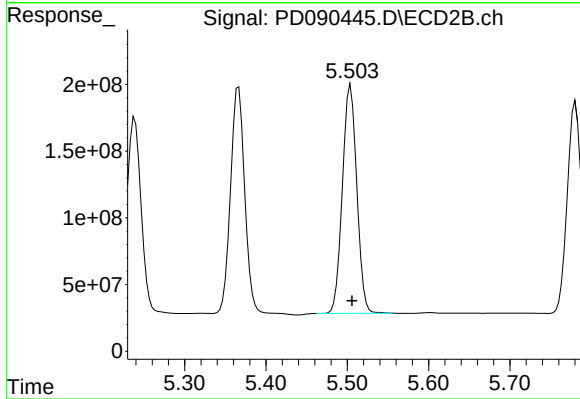
PSTDCCC050

Manual Integrations

APPROVED

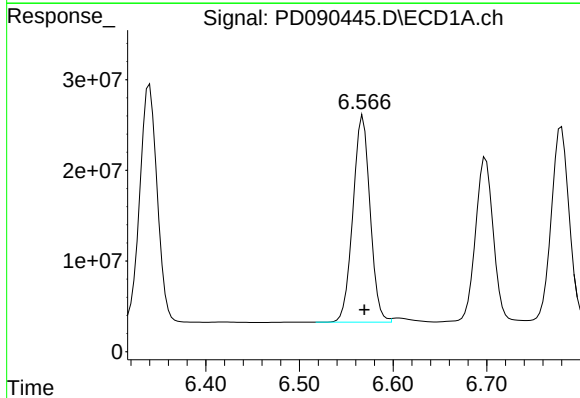
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



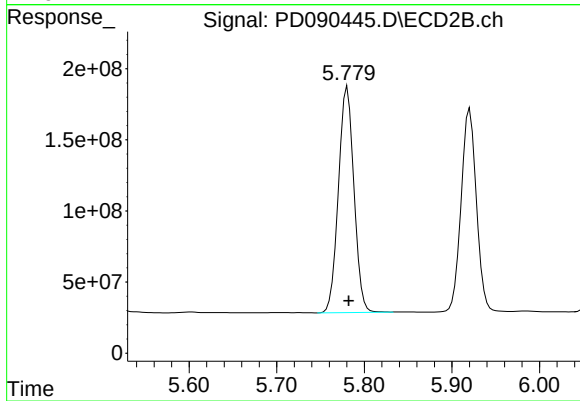
#13 Dieldrin

R.T.: 5.504 min  
Delta R.T.: -0.002 min  
Response: 2103008084  
Conc: 54.00 ng/ml



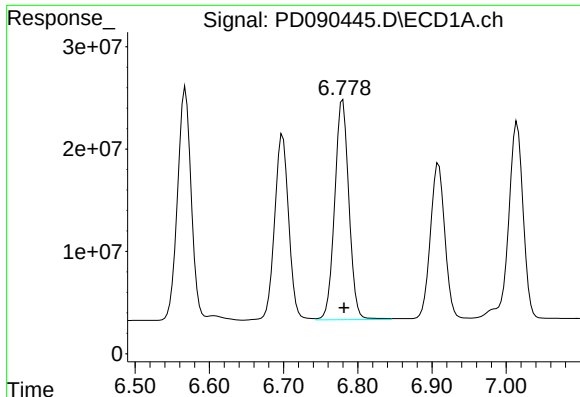
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: -0.002 min  
Response: 289923312  
Conc: 59.24 ng/ml



#14 Endrin

R.T.: 5.781 min  
Delta R.T.: -0.001 min  
Response: 1952486938  
Conc: 54.49 ng/ml



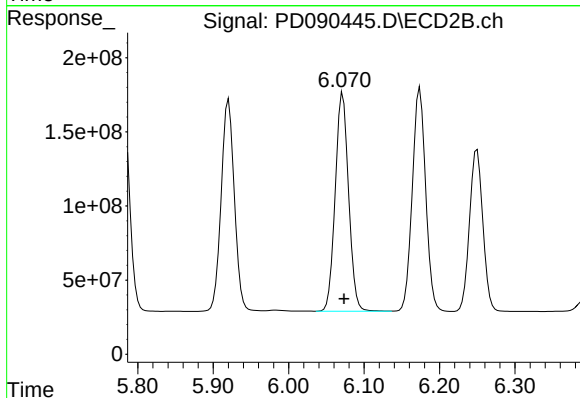
#15 Endosulfan II

R.T.: 6.780 min  
Delta R.T.: -0.002 min  
Response: 287600928  
Conc: 58.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

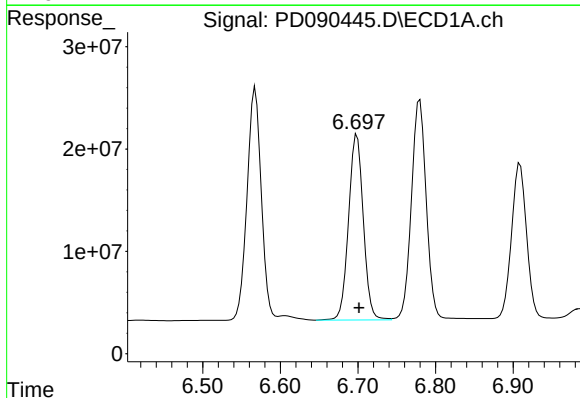
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



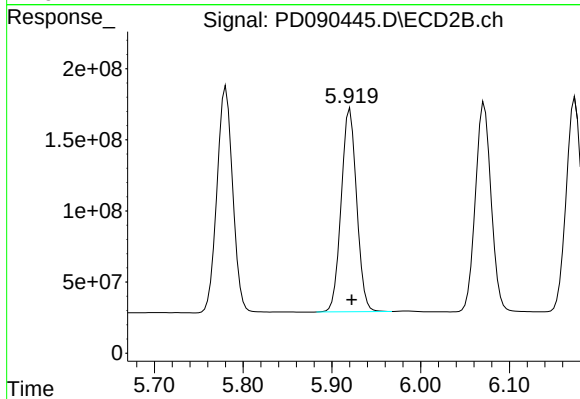
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: -0.001 min  
Response: 1818430493  
Conc: 53.88 ng/ml



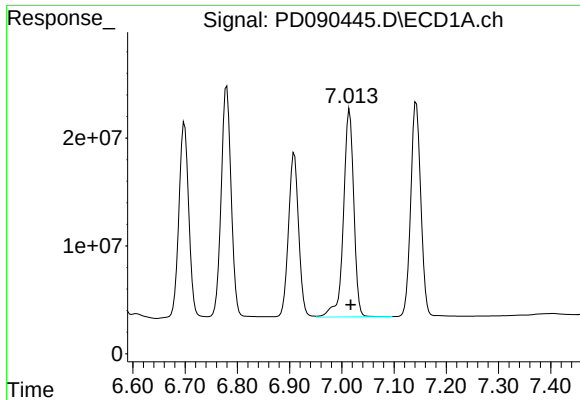
#16 4,4'-DDD

R.T.: 6.699 min  
Delta R.T.: -0.003 min  
Response: 239794043  
Conc: 58.52 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min  
Delta R.T.: -0.002 min  
Response: 1728679556  
Conc: 53.31 ng/ml



#17 4,4'-DDT

R.T.: 7.015 min  
Delta R.T.: -0.002 min  
Response: 264629809  
Conc: 59.43 ng/ml

Instrument :

ECD\_D

ClientSampleId :

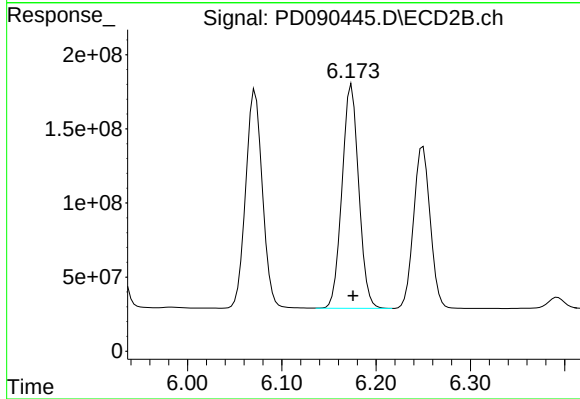
PSTDCCC050

Manual Integrations

APPROVED

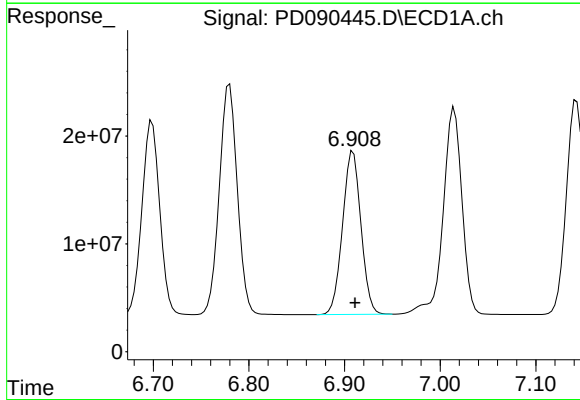
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



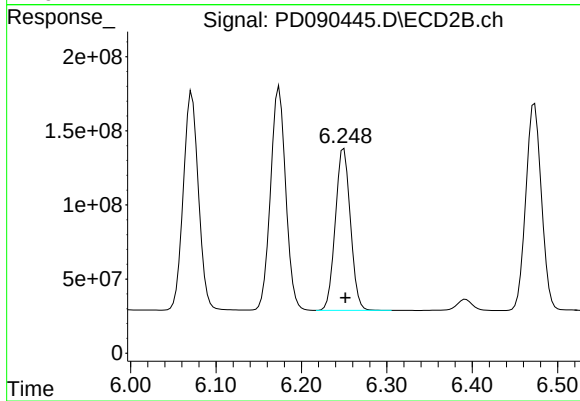
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: -0.002 min  
Response: 1862257076  
Conc: 54.17 ng/ml



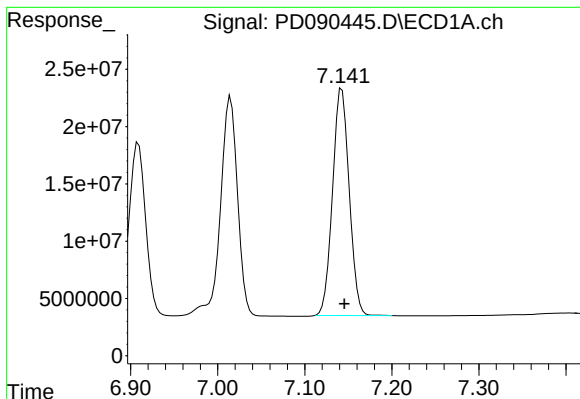
#18 Endrin aldehyde

R.T.: 6.908 min  
Delta R.T.: -0.004 min  
Response: 202993238  
Conc: 59.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 1338990181  
Conc: 56.87 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.143 min  
Delta R.T.: -0.003 min  
Response: 263834051  
Conc: 57.35 ng/ml

Instrument :

ECD\_D

ClientSampleId :

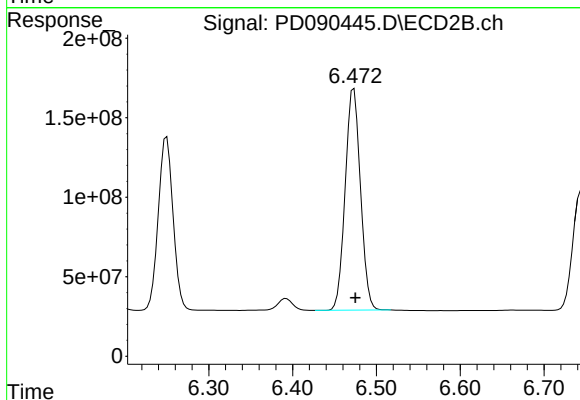
PSTDCCC050

Manual Integrations

APPROVED

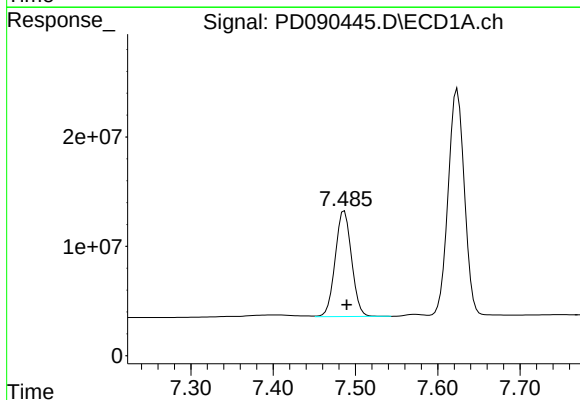
Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



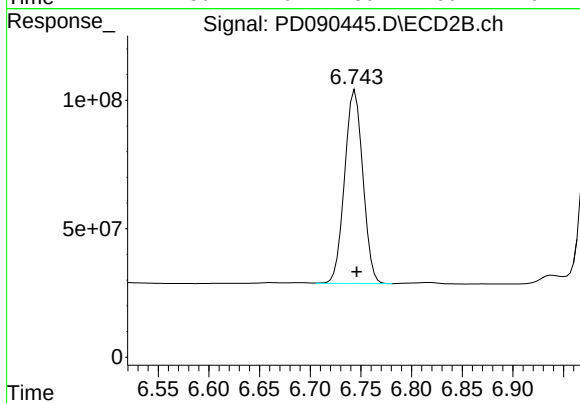
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: -0.002 min  
Response: 1767526104  
Conc: 54.07 ng/ml



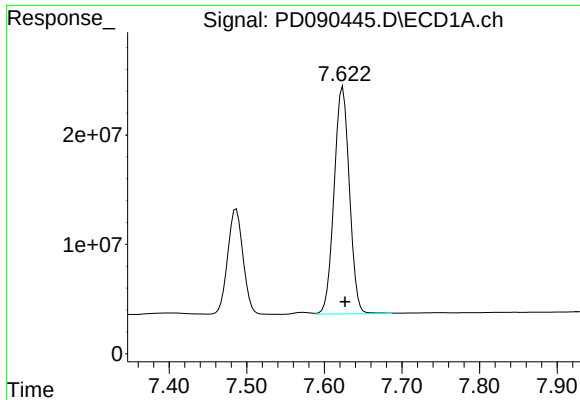
#20 Methoxychlor

R.T.: 7.487 min  
Delta R.T.: -0.003 min  
Response: 133545301  
Conc: 56.67 ng/ml



#20 Methoxychlor

R.T.: 6.744 min  
Delta R.T.: -0.002 min  
Response: 943196645  
Conc: 54.21 ng/ml



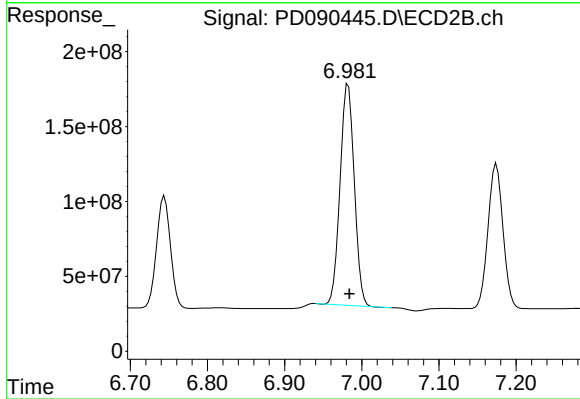
#21 Endrin ketone

R.T.: 7.624 min  
Delta R.T.: -0.003 min  
Response: 284462779  
Conc: 57.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

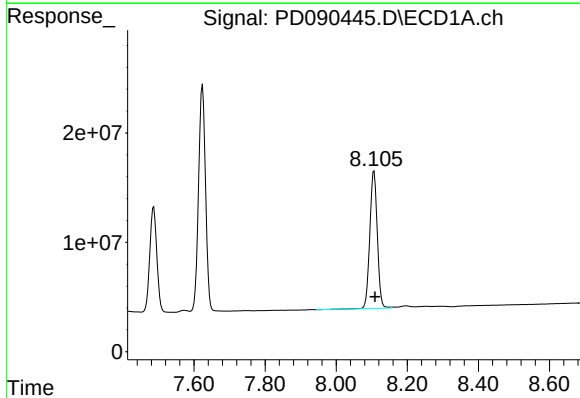
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/30/2025  
Supervised By :mohammad ahmed 10/01/2025



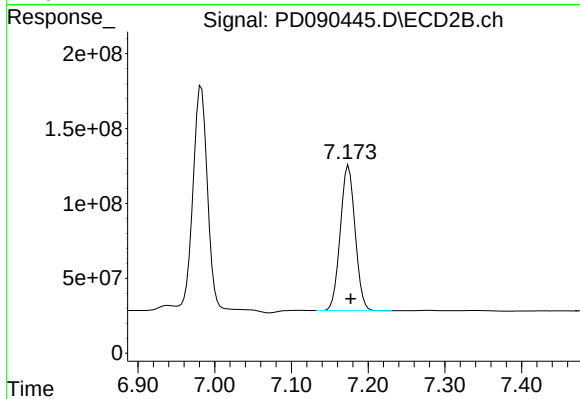
#21 Endrin ketone

R.T.: 6.982 min  
Delta R.T.: -0.002 min  
Response: 1883726685  
Conc: 52.18 ng/ml



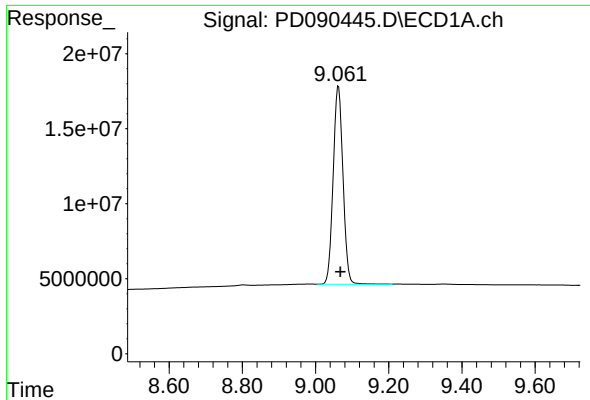
#22 Mirex

R.T.: 8.106 min  
Delta R.T.: -0.003 min  
Response: 183869818  
Conc: 49.63 ng/ml



#22 Mirex

R.T.: 7.174 min  
Delta R.T.: -0.003 min  
Response: 1304034727  
Conc: 47.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: -0.005 min  
Response: 246121435  
Conc: 51.01 ng/ml

Instrument :

ECD\_D

ClientSampleId :

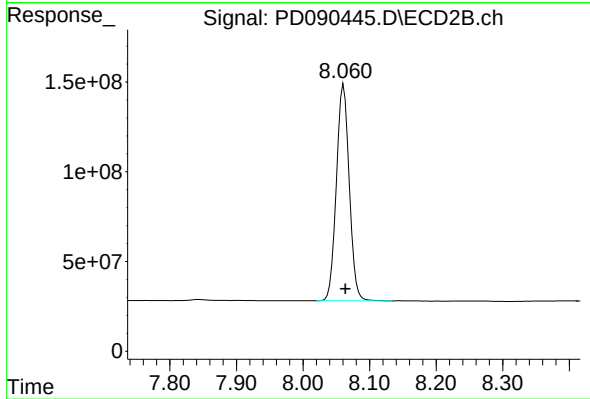
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/30/2025

Supervised By :mohammad ahmed 10/01/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min  
Delta R.T.: -0.003 min  
Response: 1616707243  
Conc: 49.88 ng/ml