

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060625\  
 Data File : PL095976.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jun 2025 19:25  
 Operator : AR\AJ  
 Sample : Q2228-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP08-MHI-WCMSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/09/2025  
 Supervised By : mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 06 22:44:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052125.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 22 06:29:30 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 x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.570 | 2.884 | 45048989 | 55424159 | 14.277m | 14.161  |
| 28) SA Decachlor...         | 9.114 | 8.067 | 36694287 | 57217241 | 15.573  | 13.080  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 4.023 | 3.393 | 236.3E6  | 299.2E6  | 48.737  | 51.084  |
| 3) MA gamma-BHC...          | 4.355 | 3.727 | 223.7E6  | 294.9E6  | 50.014  | 52.647  |
| 4) MA Heptachlor            | 4.954 | 4.079 | 195.5E6  | 291.7E6  | 51.656  | 51.996  |
| 5) MB Aldrin                | 5.295 | 4.364 | 220.2E6  | 288.2E6  | 51.473  | 54.309  |
| 6) B beta-BHC               | 4.543 | 4.022 | 99488650 | 132.8E6  | 50.467  | 53.598  |
| 7) B delta-BHC              | 4.791 | 4.257 | 233.2E6  | 314.6E6  | 52.593  | 55.700  |
| 8) B Heptachlo...           | 5.716 | 4.866 | 196.1E6  | 271.8E6  | 51.368  | 55.042  |
| 9) A Endosulfan I           | 6.100 | 5.239 | 184.2E6  | 255.8E6  | 50.253  | 53.680  |
| 10) B gamma-Chl...          | 5.970 | 5.119 | 197.8E6  | 293.5E6  | 50.809  | 55.873  |
| 11) B alpha-Chl...          | 6.052 | 5.184 | 197.7E6  | 289.1E6  | 50.062  | 55.560  |
| 12) B 4,4'-DDE              | 6.223 | 5.372 | 180.8E6  | 294.6E6  | 49.305  | 54.938  |
| 13) MA Dieldrin             | 6.373 | 5.505 | 195.0E6  | 283.9E6  | 50.521  | 53.557  |
| 14) MA Endrin               | 6.601 | 5.779 | 163.1E6  | 256.5E6  | 50.536  | 52.613m |
| 15) B Endosulfa...          | 6.814 | 6.072 | 164.3E6  | 246.3E6  | 47.679  | 51.826  |
| 16) A 4,4'-DDD              | 6.734 | 5.925 | 155.3E6  | 229.2E6  | 52.982  | 52.263  |
| 17) MA 4,4'-DDT             | 7.050 | 6.179 | 141.8E6  | 236.1E6  | 52.419  | 49.375  |
| 18) B Endrin al...          | 6.944 | 6.251 | 122.9E6  | 173.1E6  | 50.826  | 50.105  |
| 19) B Endosulfa...          | 7.178 | 6.473 | 148.3E6  | 215.4E6  | 49.663  | 47.922m |
| 20) A Methoxychlor          | 7.525 | 6.751 | 71679659 | 120.1E6  | 56.205  | 45.899  |
| 21) B Endrin ke...          | 7.660 | 6.980 | 160.8E6  | 239.1E6  | 50.772  | 46.209  |
| 22) Mirex                   | 8.143 | 7.174 | 120.2E6  | 179.4E6  | 51.957  | 44.171  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060625\  
Data File : PL095976.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jun 2025 19:25  
Operator : AR\AJ  
Sample : Q2228-01MSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

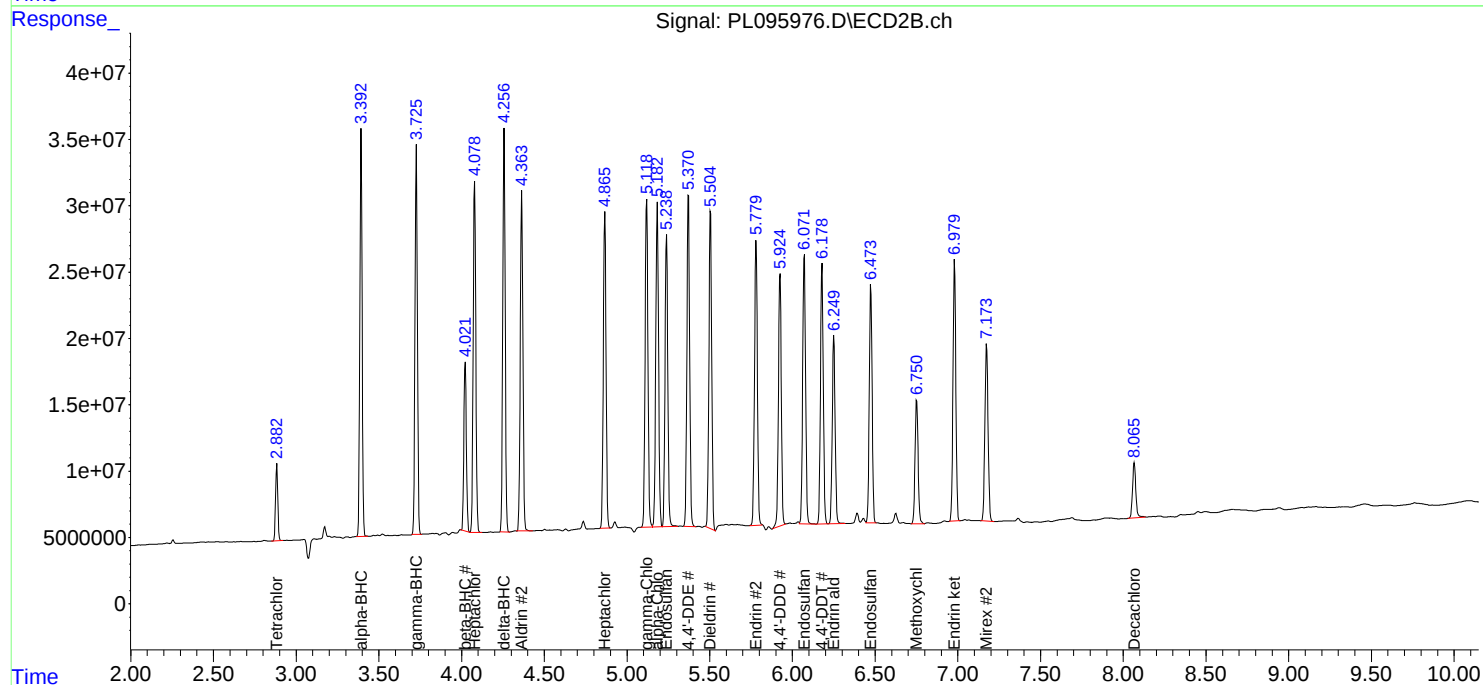
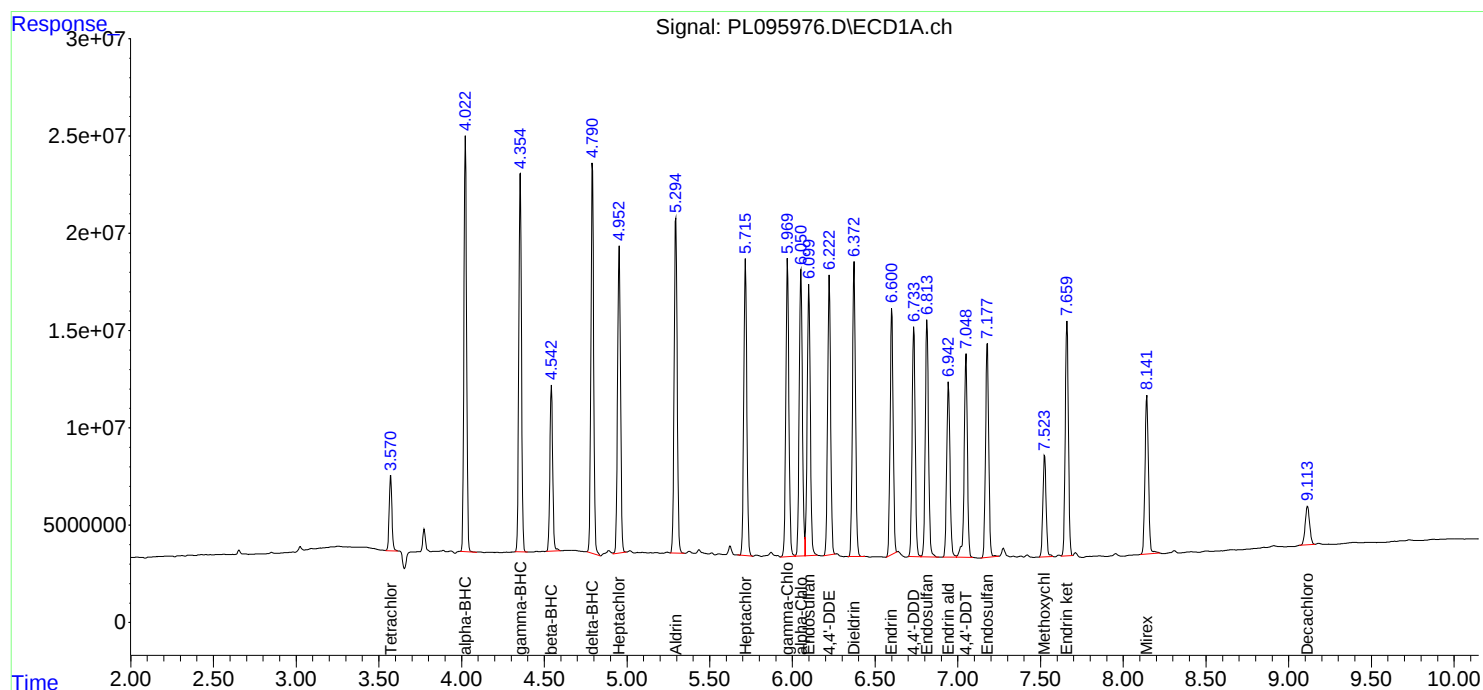
Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

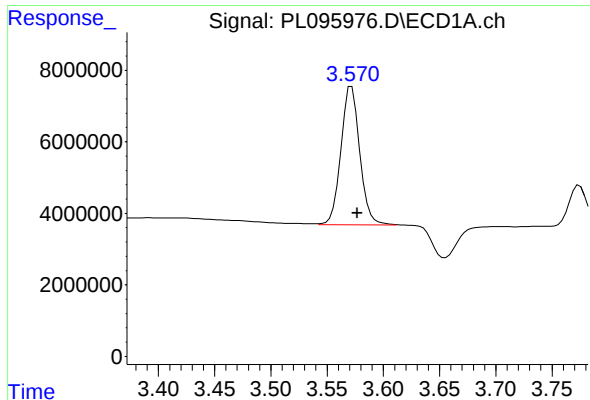
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 06 22:44:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052125.M  
Quant Title : GC Extractables  
QLast Update : Thu May 22 06:29:30 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 x0.25µm





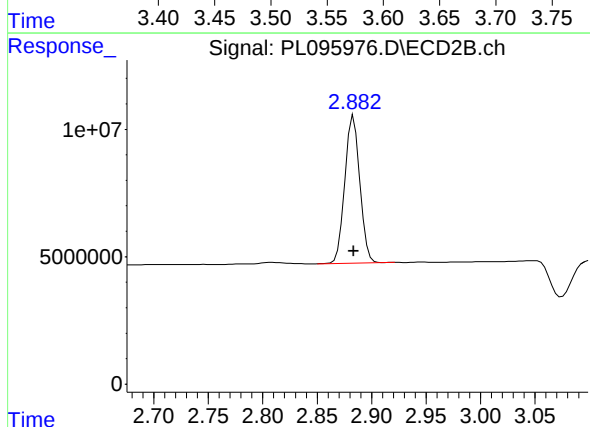
#1 Tetrachloro-m-xylene

R.T.: 3.570 min  
Delta R.T.: -0.007 min  
Response: 45048989  
Conc: 14.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

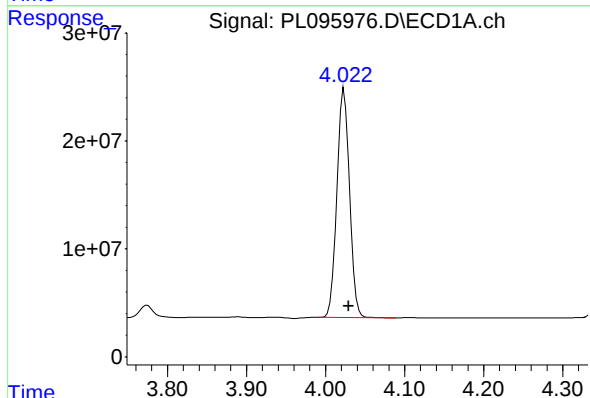
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



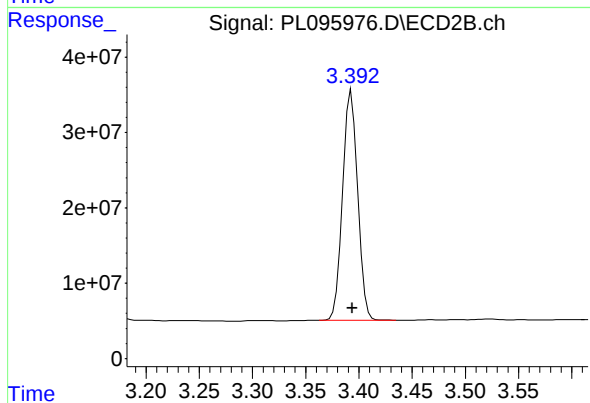
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 55424159  
Conc: 14.16 ng/ml



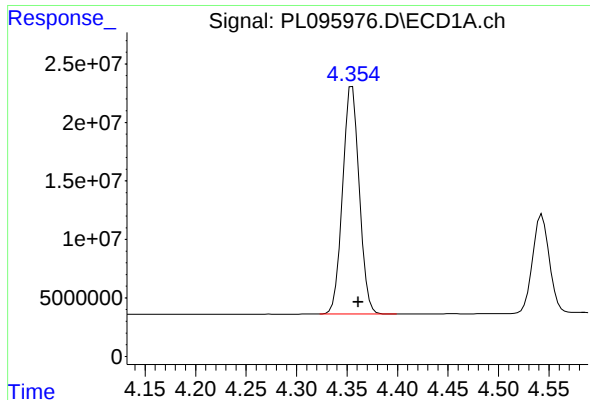
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: -0.006 min  
Response: 236274204  
Conc: 48.74 ng/ml



#2 alpha-BHC

R.T.: 3.393 min  
Delta R.T.: 0.000 min  
Response: 299216695  
Conc: 51.08 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.355 min  
Delta R.T.: -0.006 min  
Response: 223656357  
Conc: 50.01 ng/ml

Instrument :

ECD\_L

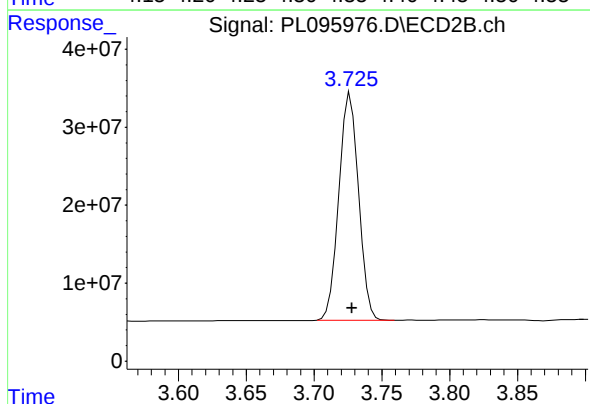
ClientSampleId :

TP08-MHI-WCMSD

Manual Integrations

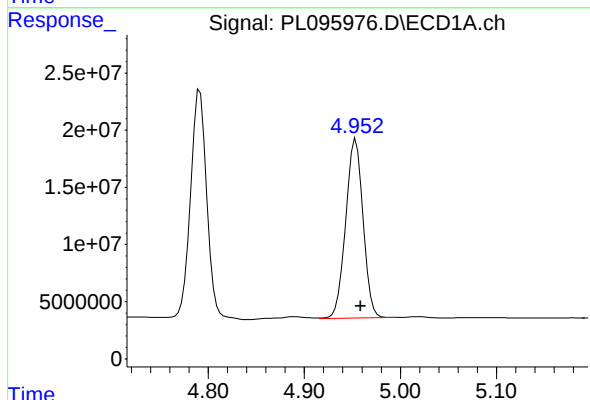
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



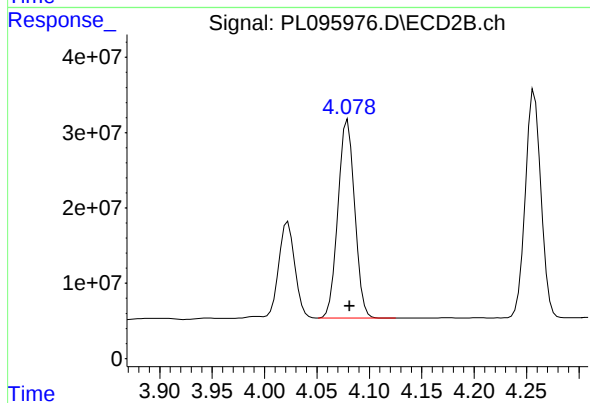
#3 gamma-BHC (Lindane)

R.T.: 3.727 min  
Delta R.T.: 0.000 min  
Response: 294885347  
Conc: 52.65 ng/ml



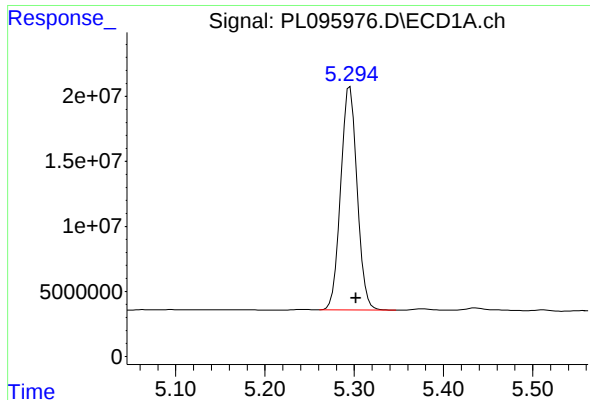
#4 Heptachlor

R.T.: 4.954 min  
Delta R.T.: -0.005 min  
Response: 195520431  
Conc: 51.66 ng/ml



#4 Heptachlor

R.T.: 4.079 min  
Delta R.T.: -0.002 min  
Response: 291650183  
Conc: 52.00 ng/ml



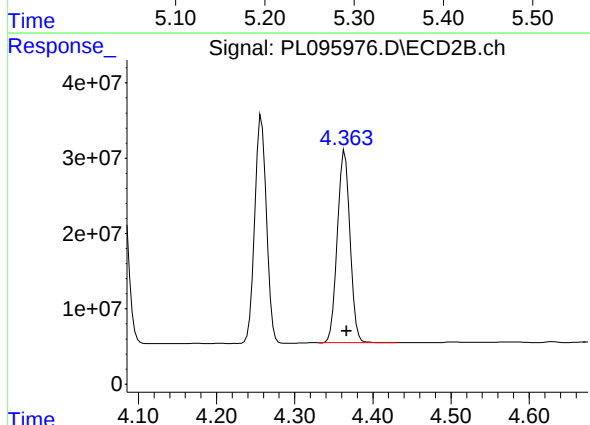
#5 Aldrin

R.T.: 5.295 min  
Delta R.T.: -0.006 min  
Response: 220187647  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

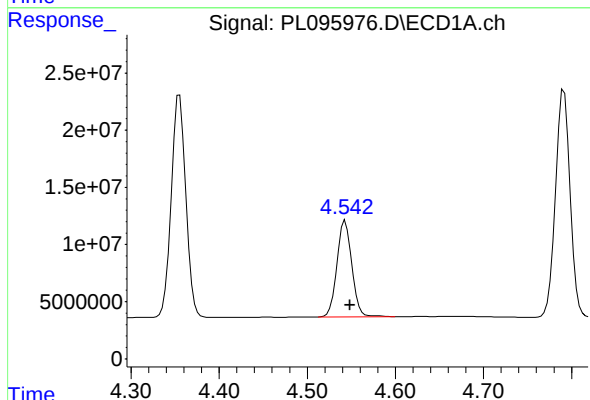
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



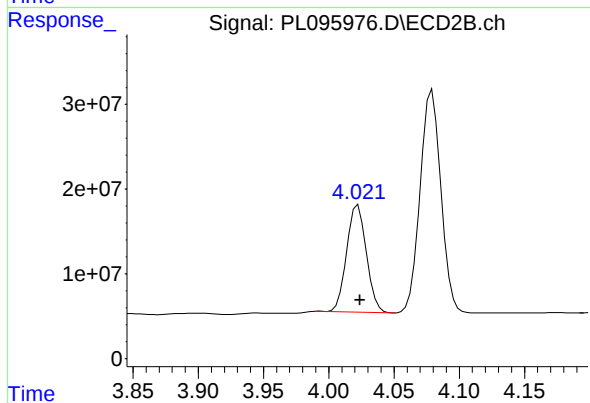
#5 Aldrin

R.T.: 4.364 min  
Delta R.T.: -0.002 min  
Response: 288222096  
Conc: 54.31 ng/ml



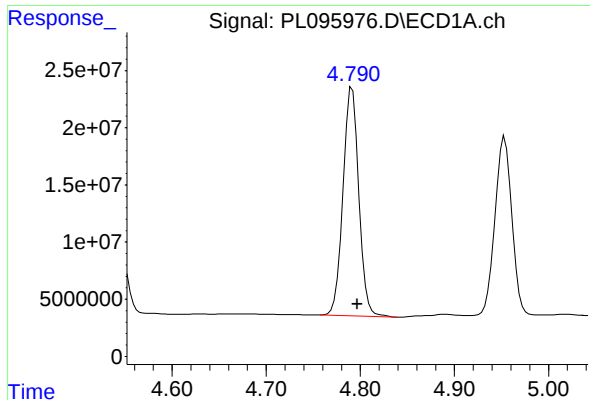
#6 beta-BHC

R.T.: 4.543 min  
Delta R.T.: -0.006 min  
Response: 99488650  
Conc: 50.47 ng/ml



#6 beta-BHC

R.T.: 4.022 min  
Delta R.T.: -0.002 min  
Response: 132792781  
Conc: 53.60 ng/ml



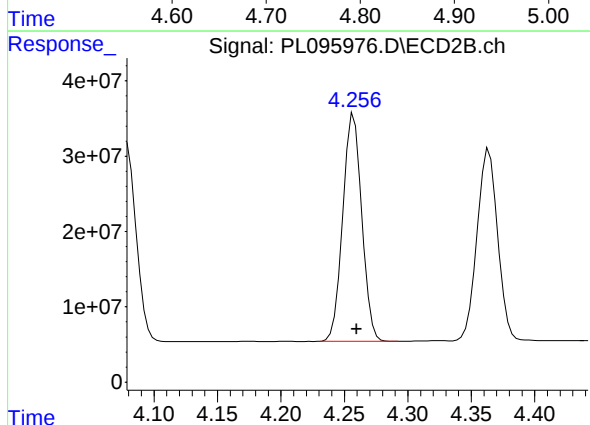
#7 delta-BHC

R.T.: 4.791 min  
Delta R.T.: -0.005 min  
Response: 233175066  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

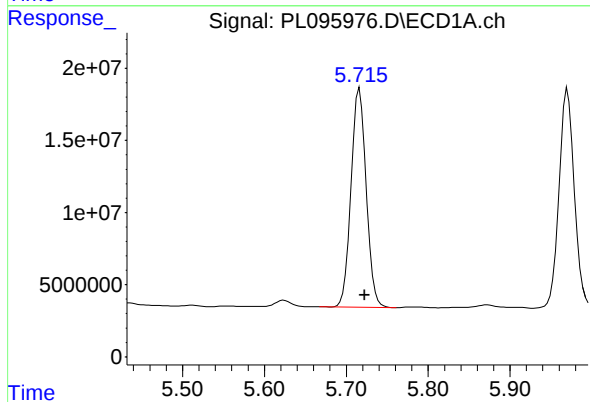
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



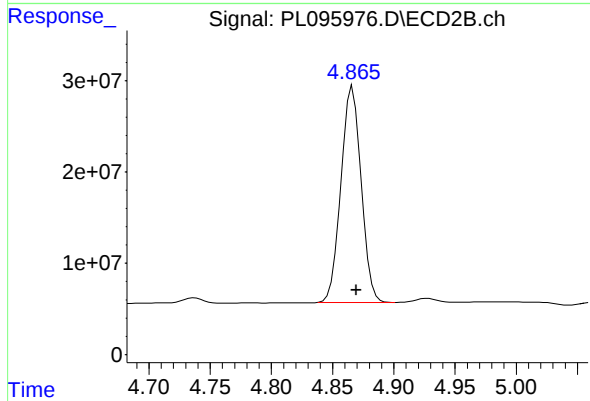
#7 delta-BHC

R.T.: 4.257 min  
Delta R.T.: -0.002 min  
Response: 314556939  
Conc: 55.70 ng/ml



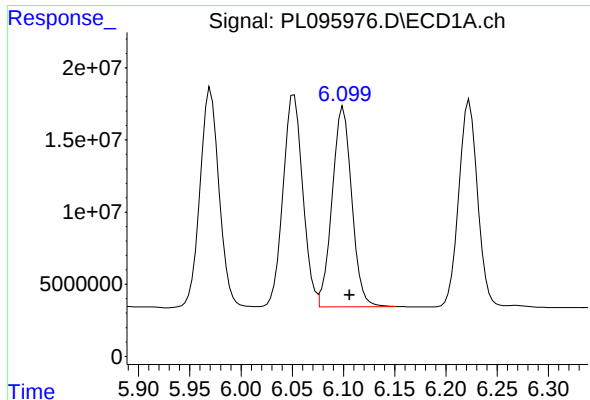
#8 Heptachlor epoxide

R.T.: 5.716 min  
Delta R.T.: -0.006 min  
Response: 196065402  
Conc: 51.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min  
Delta R.T.: -0.003 min  
Response: 271764804  
Conc: 55.04 ng/ml



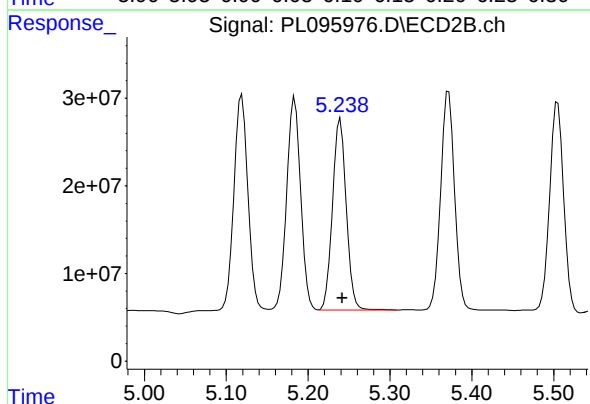
#9 Endosulfan I

R.T.: 6.100 min  
Delta R.T.: -0.006 min  
Response: 184170248  
Conc: 50.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

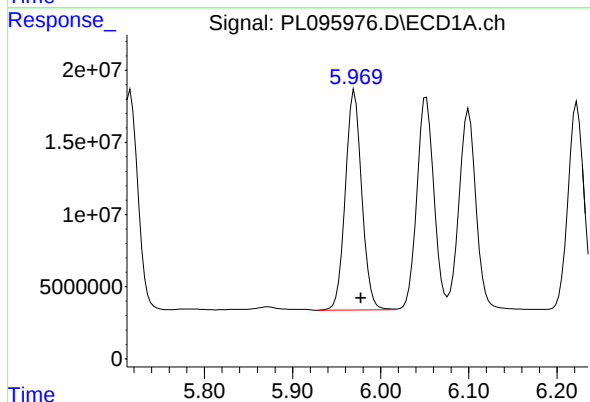
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



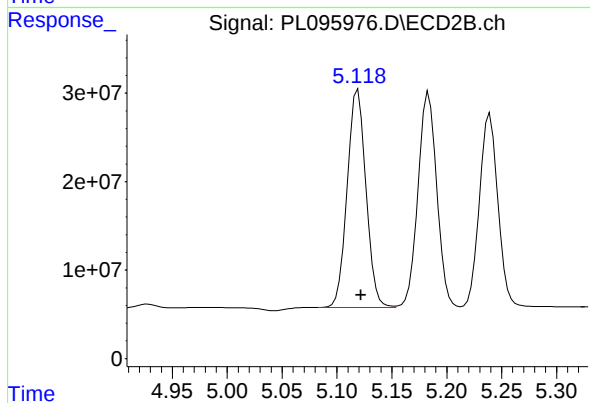
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: -0.002 min  
Response: 255785801  
Conc: 53.68 ng/ml



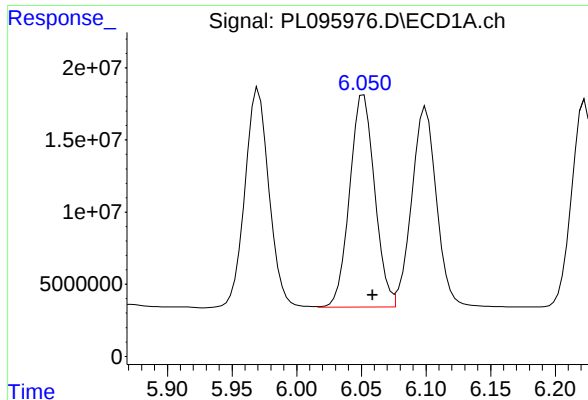
#10 gamma-Chlordane

R.T.: 5.970 min  
Delta R.T.: -0.007 min  
Response: 197752867  
Conc: 50.81 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min  
Delta R.T.: -0.003 min  
Response: 293485376  
Conc: 55.87 ng/ml



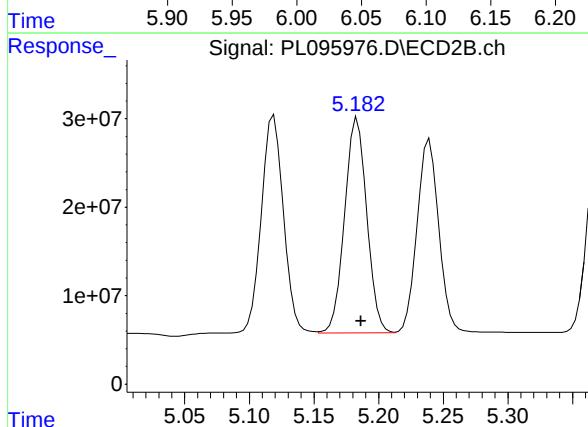
#11 alpha-Chlordane

R.T.: 6.052 min  
Delta R.T.: -0.007 min  
Response: 197653314  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

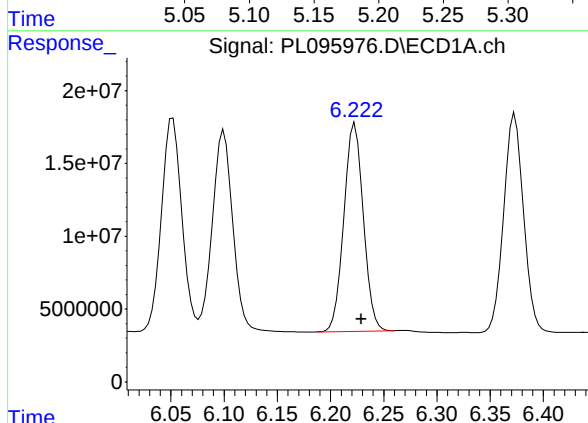
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



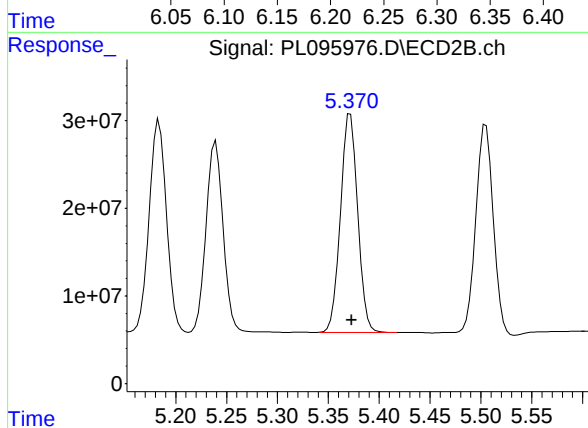
#11 alpha-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 289066568  
Conc: 55.56 ng/ml



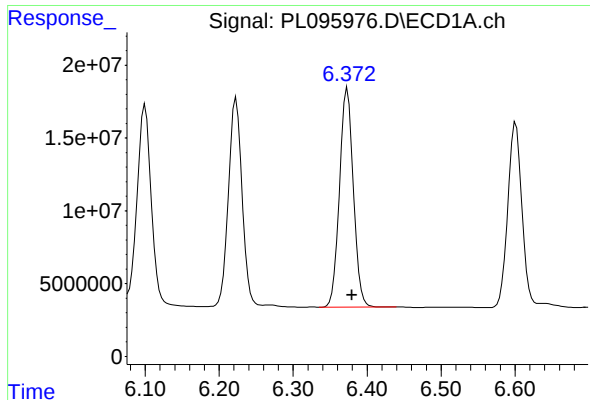
#12 4,4'-DDE

R.T.: 6.223 min  
Delta R.T.: -0.006 min  
Response: 180847128  
Conc: 49.31 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: -0.001 min  
Response: 294585547  
Conc: 54.94 ng/ml



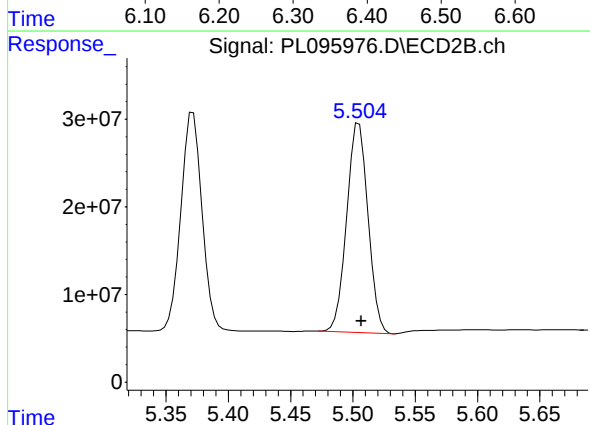
#13 Dieldrin

R.T.: 6.373 min  
Delta R.T.: -0.006 min  
Response: 194969596  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

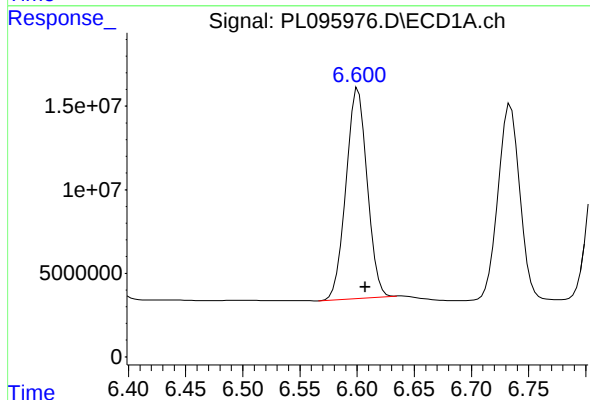
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



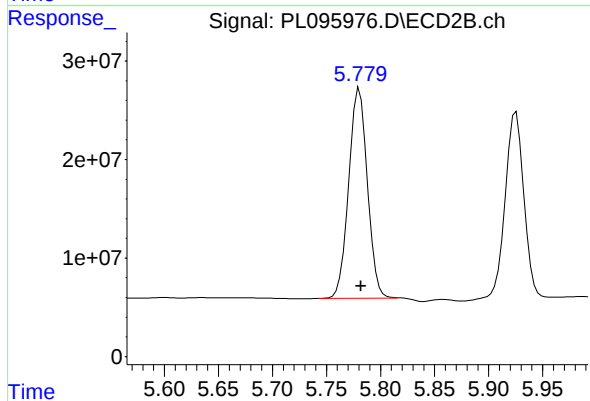
#13 Dieldrin

R.T.: 5.505 min  
Delta R.T.: -0.002 min  
Response: 283859447  
Conc: 53.56 ng/ml



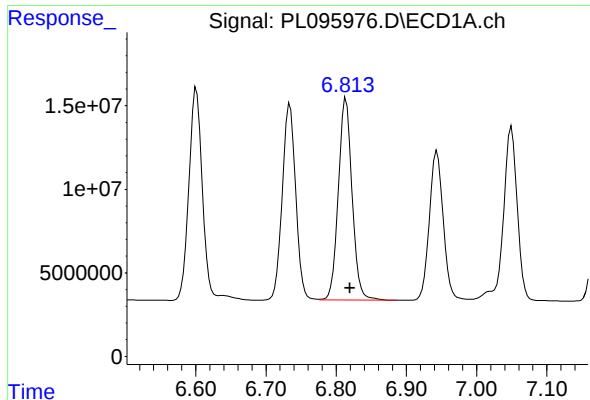
#14 Endrin

R.T.: 6.601 min  
Delta R.T.: -0.006 min  
Response: 163066482  
Conc: 50.54 ng/ml



#14 Endrin

R.T.: 5.779 min  
Delta R.T.: -0.003 min  
Response: 256545092  
Conc: 52.61 ng/ml m



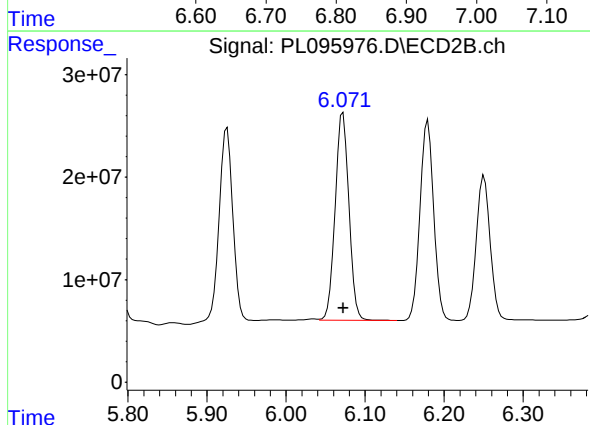
#15 Endosulfan II

R.T.: 6.814 min  
Delta R.T.: -0.006 min  
Response: 164304706  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

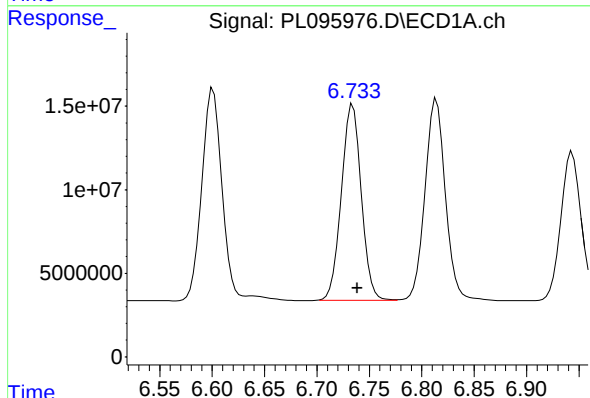
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



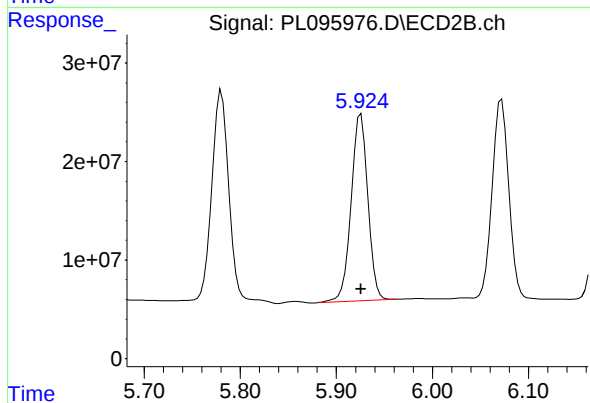
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 246265882  
Conc: 51.83 ng/ml



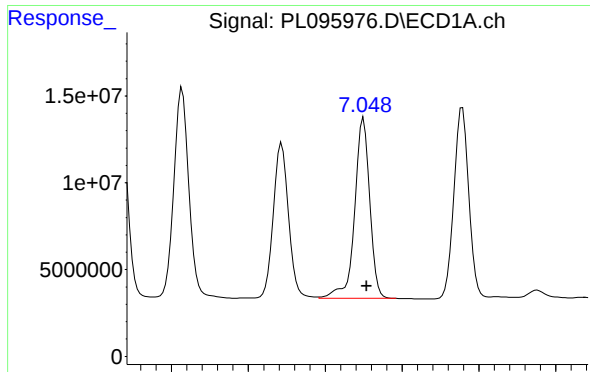
#16 4,4'-DDD

R.T.: 6.734 min  
Delta R.T.: -0.005 min  
Response: 155269321  
Conc: 52.98 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 229171455  
Conc: 52.26 ng/ml



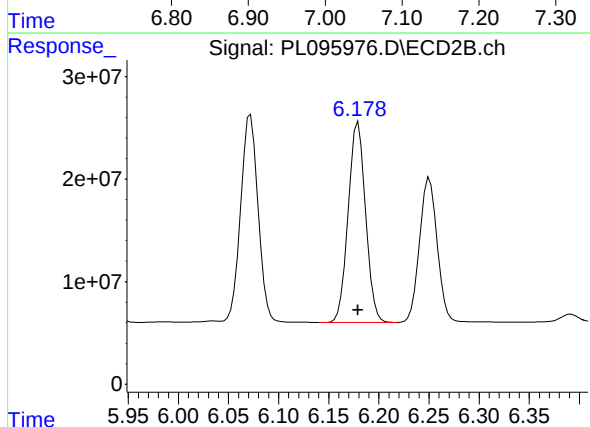
#17 4,4'-DDT

R.T.: 7.050 min  
Delta R.T.: -0.004 min  
Response: 141799843  
Conc: 52.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

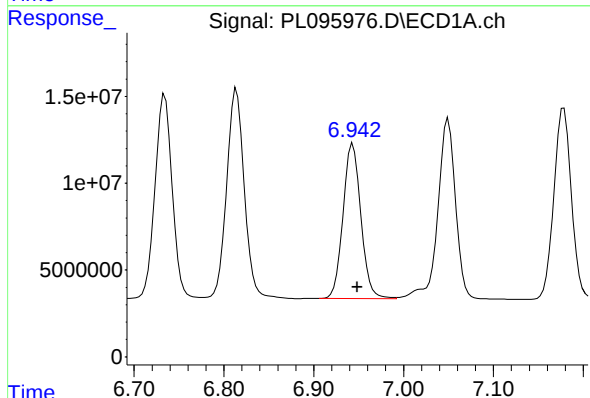
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



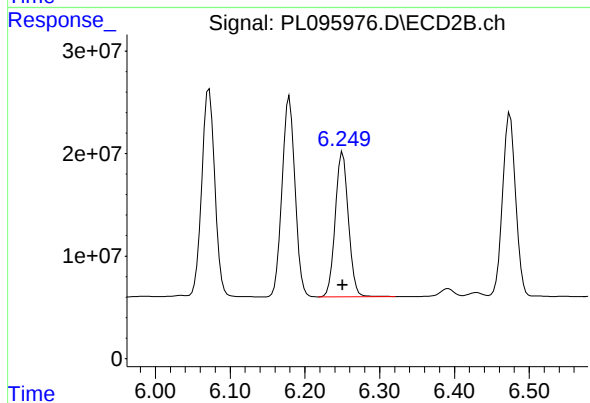
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 236140754  
Conc: 49.38 ng/ml



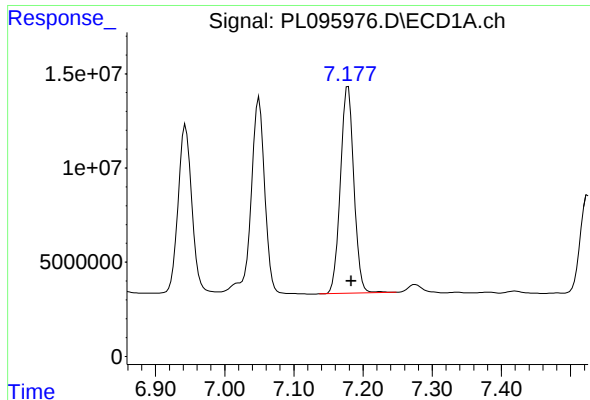
#18 Endrin aldehyde

R.T.: 6.944 min  
Delta R.T.: -0.005 min  
Response: 122877941  
Conc: 50.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 173076520  
Conc: 50.10 ng/ml



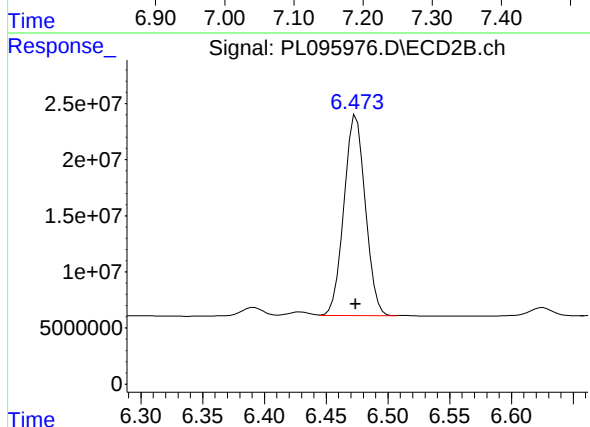
#19 Endosulfan Sulfate

R.T.: 7.178 min  
Delta R.T.: -0.005 min  
Response: 148339093  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

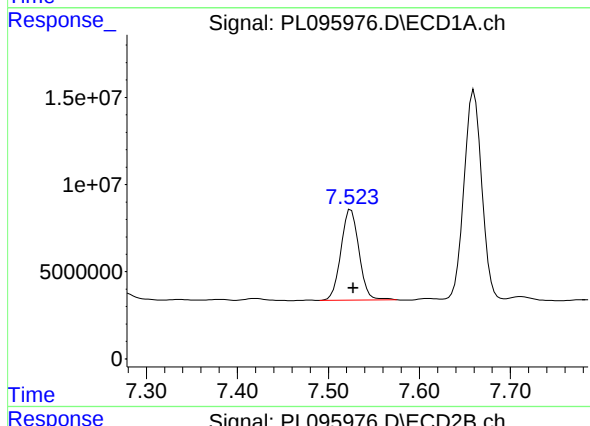
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



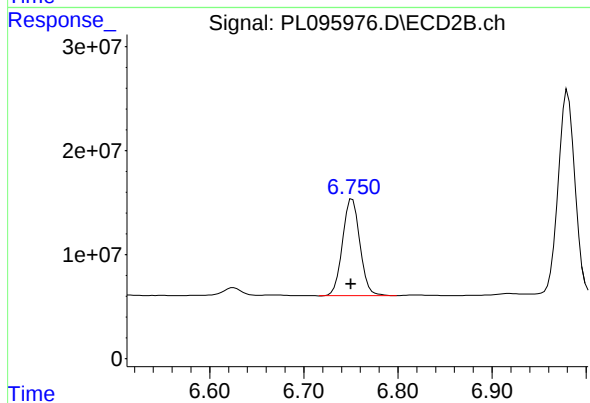
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: -0.001 min  
Response: 215396270  
Conc: 47.92 ng/ml m



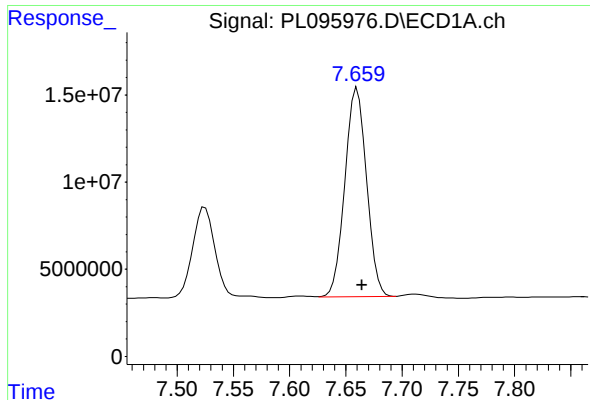
#20 Methoxychlor

R.T.: 7.525 min  
Delta R.T.: -0.003 min  
Response: 71679659  
Conc: 56.20 ng/ml



#20 Methoxychlor

R.T.: 6.751 min  
Delta R.T.: 0.001 min  
Response: 120076057  
Conc: 45.90 ng/ml



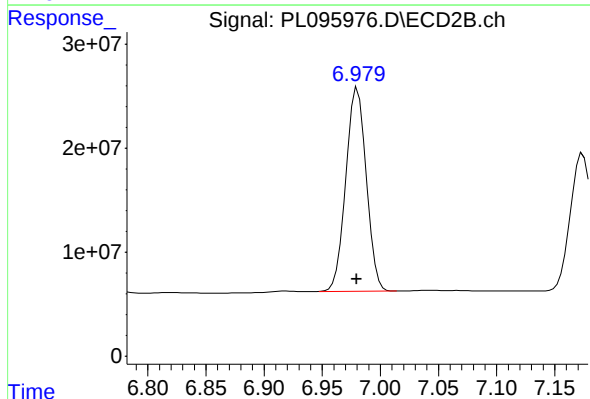
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: -0.004 min  
Response: 160789305  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP08-MHI-WCMSD

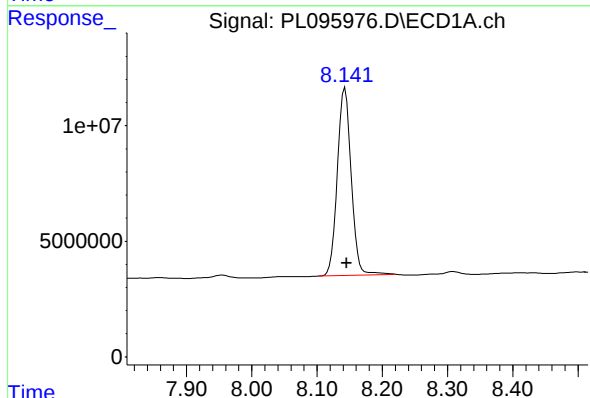
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/09/2025  
Supervised By :mohammad ahmed 06/10/2025



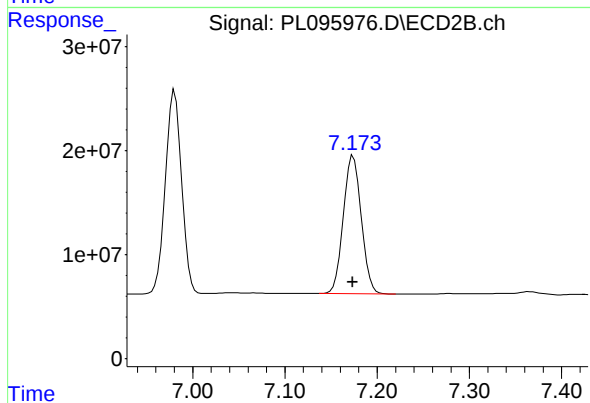
#21 Endrin ketone

R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 239079453  
Conc: 46.21 ng/ml



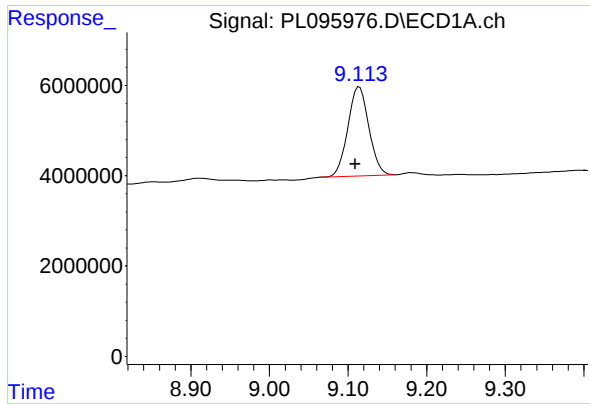
#22 Mirex

R.T.: 8.143 min  
Delta R.T.: -0.003 min  
Response: 120215745  
Conc: 51.96 ng/ml



#22 Mirex

R.T.: 7.174 min  
Delta R.T.: 0.000 min  
Response: 179357013  
Conc: 44.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: 0.005 min  
Response: 36694287  
Conc: 15.57 ng/ml

Instrument :

ECD\_L

ClientSampleId :

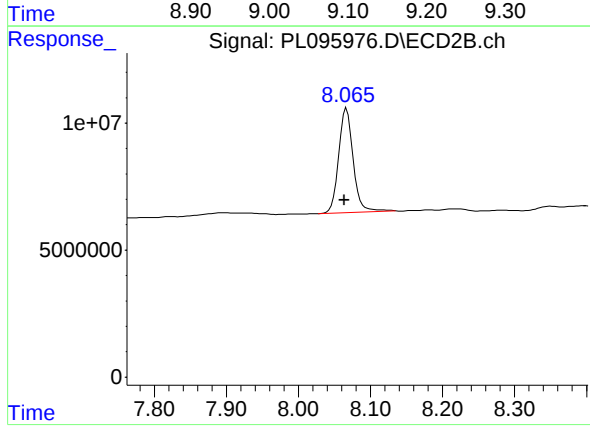
TP08-MHI-WCMSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025



#28 Decachlorobiphenyl

R.T.: 8.067 min  
Delta R.T.: 0.003 min  
Response: 57217241  
Conc: 13.08 ng/ml