

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100325\  
 Data File : PL097510.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Oct 2025 03:19  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
 Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 01:21:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092025.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 19 05:40:25 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... | 3.526 | 2.824 | 209.1E6  | 298.2E6 | 46.179  | 45.357 |
| 28)                         | SA Decachlor... | 8.995 | 7.981 | 158.1E6  | 251.4E6 | 48.326  | 44.165 |
| Target Compounds            |                 |       |       |          |         |         |        |
| 2)                          | A alpha-BHC     | 3.973 | 3.328 | 340.0E6  | 510.1E6 | 48.657  | 51.232 |
| 3)                          | MA gamma-BHC... | 4.301 | 3.660 | 325.5E6  | 466.3E6 | 49.215  | 50.064 |
| 4)                          | MA Heptachlor   | 4.891 | 4.007 | 310.9E6  | 437.8E6 | 46.608  | 47.049 |
| 5)                          | MB Aldrin       | 5.230 | 4.289 | 310.0E6  | 433.5E6 | 48.939  | 49.952 |
| 6)                          | B beta-BHC      | 4.488 | 3.956 | 133.3E6  | 191.0E6 | 48.890  | 47.017 |
| 7)                          | B delta-BHC     | 4.732 | 4.189 | 312.6E6  | 451.6E6 | 51.518m | 49.133 |
| 8)                          | B Heptachlo...  | 5.648 | 4.791 | 286.6E6  | 394.1E6 | 49.873m | 49.690 |
| 9)                          | A Endosulfan I  | 6.029 | 5.162 | 256.3E6  | 346.9E6 | 49.467m | 45.149 |
| 10)                         | B gamma-Chl...  | 5.902 | 5.043 | 283.7E6  | 430.8E6 | 50.178m | 49.330 |
| 11)                         | B alpha-Chl...  | 5.982 | 5.107 | 281.3E6  | 413.7E6 | 49.517m | 49.837 |
| 12)                         | B 4,4'-DDE      | 6.154 | 5.295 | 255.5E6  | 371.3E6 | 53.618  | 48.312 |
| 13)                         | MA Dieldrin     | 6.303 | 5.426 | 283.5E6  | 420.5E6 | 51.704  | 51.430 |
| 14)                         | MA Endrin       | 6.529 | 5.702 | 234.4E6  | 413.9E6 | 50.819  | 55.112 |
| 15)                         | B Endosulfa...  | 6.741 | 5.993 | 238.0E6  | 345.0E6 | 48.399m | 48.533 |
| 16)                         | A 4,4'-DDD      | 6.661 | 5.848 | 216.9E6  | 335.8E6 | 57.530m | 52.074 |
| 17)                         | MA 4,4'-DDT     | 6.975 | 6.100 | 188.2E6  | 278.7E6 | 44.520m | 40.278 |
| 18)                         | B Endrin al...  | 6.870 | 6.170 | 170.8E6  | 254.3E6 | 55.409m | 47.653 |
| 19)                         | B Endosulfa...  | 7.104 | 6.394 | 217.2E6  | 332.3E6 | 53.207  | 48.510 |
| 20)                         | A Methoxychlor  | 7.449 | 6.672 | 95248295 | 152.6E6 | 45.674  | 40.471 |
| 21)                         | B Endrin ke...  | 7.584 | 6.897 | 239.4E6  | 395.2E6 | 56.397  | 52.481 |
| 22)                         | Mirex           | 8.061 | 7.087 | 165.0E6  | 261.8E6 | 46.487  | 43.782 |
| -----                       |                 |       |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100325\  
Data File : PL097510.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Oct 2025 03:19  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

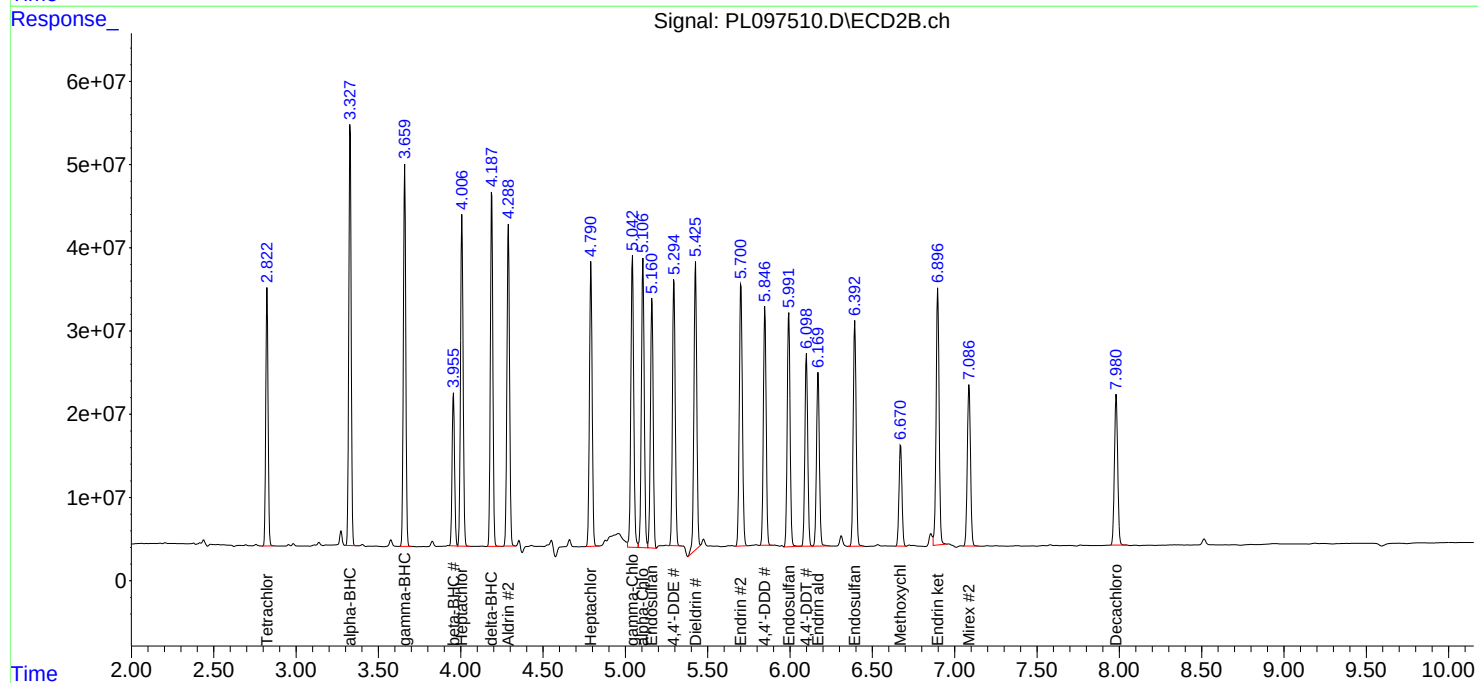
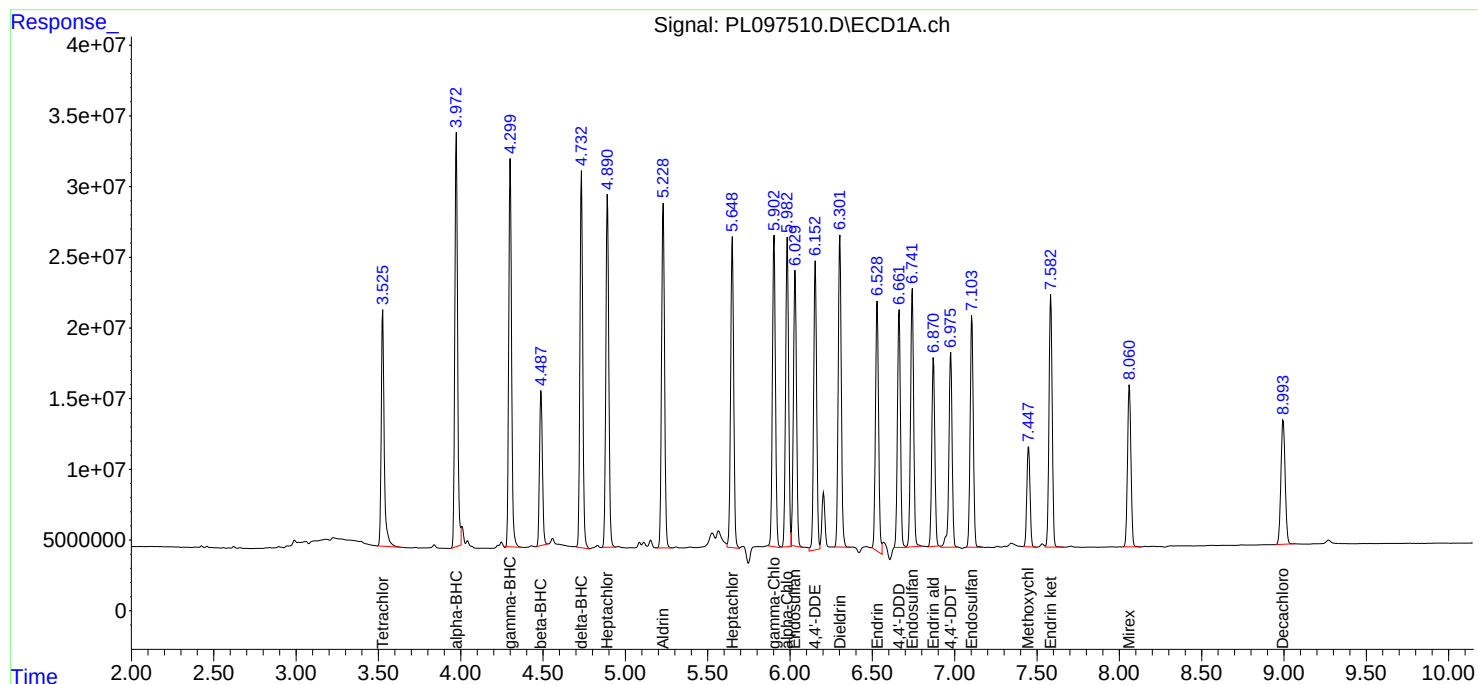
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

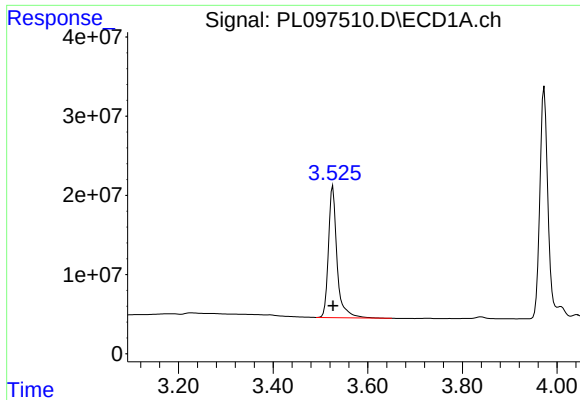
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 06 01:21:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092025.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 19 05:40:25 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





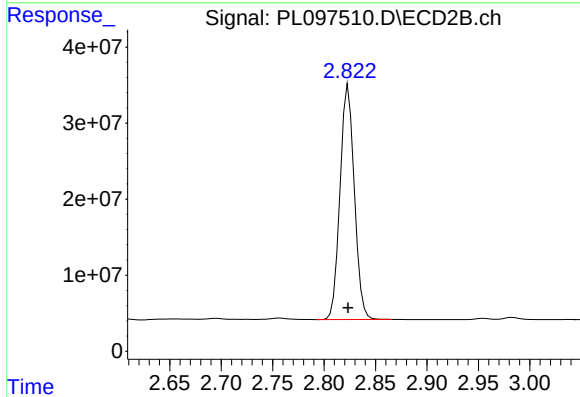
#1 Tetrachloro-m-xylene

R.T.: 3.526 min  
Delta R.T.: 0.000 min  
Response: 209059290  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

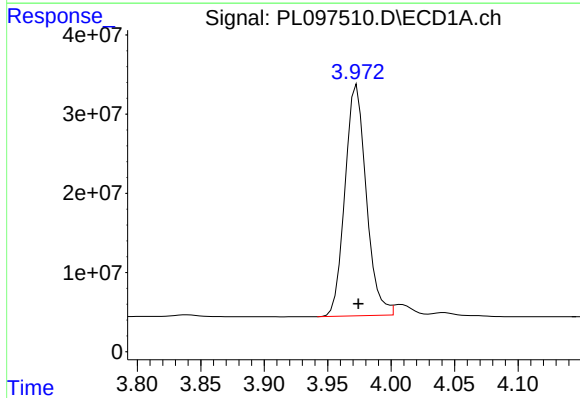
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



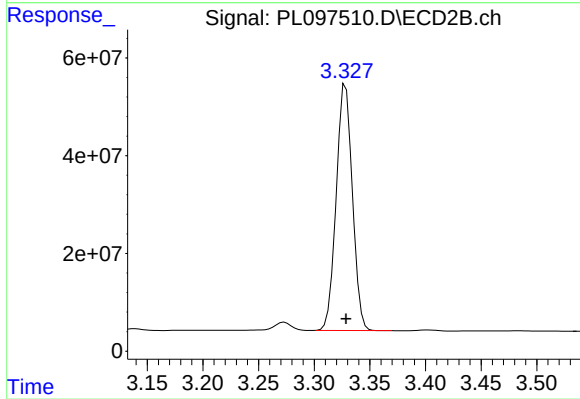
#1 Tetrachloro-m-xylene

R.T.: 2.824 min  
Delta R.T.: 0.000 min  
Response: 298249740  
Conc: 45.36 ng/ml



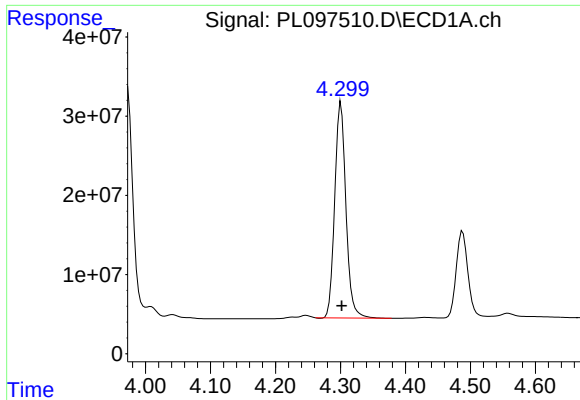
#2 alpha-BHC

R.T.: 3.973 min  
Delta R.T.: -0.001 min  
Response: 339985304  
Conc: 48.66 ng/ml



#2 alpha-BHC

R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 510146899  
Conc: 51.23 ng/ml



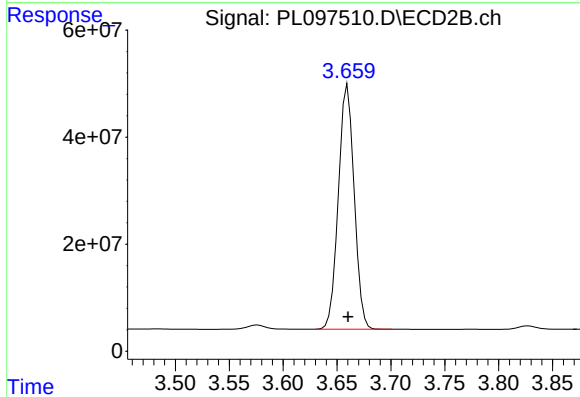
#3 gamma-BHC (Lindane)

R.T.: 4.301 min  
Delta R.T.: -0.001 min  
Response: 325463252  
Conc: 49.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

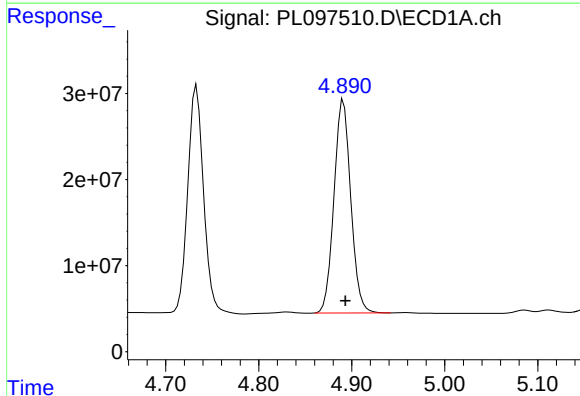
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



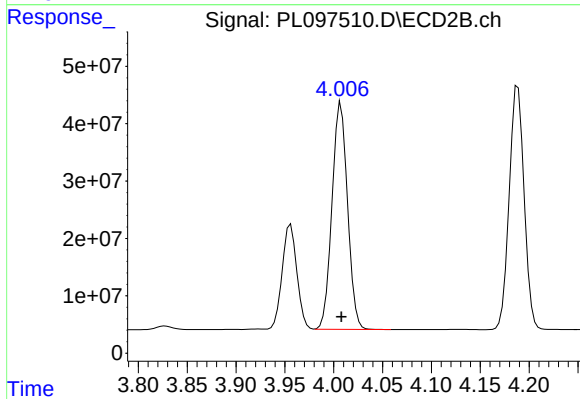
#3 gamma-BHC (Lindane)

R.T.: 3.660 min  
Delta R.T.: 0.000 min  
Response: 466325582  
Conc: 50.06 ng/ml



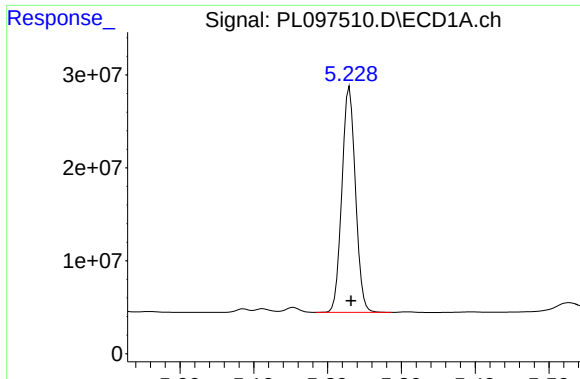
#4 Heptachlor

R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 310878896  
Conc: 46.61 ng/ml



#4 Heptachlor

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 437794321  
Conc: 47.05 ng/ml



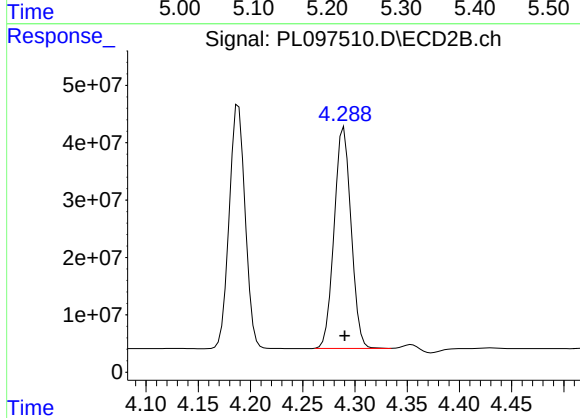
#5 Aldrin

R.T.: 5.230 min  
Delta R.T.: -0.002 min  
Response: 309972995  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

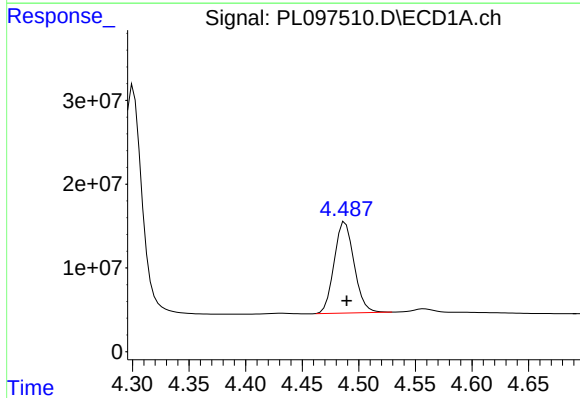
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



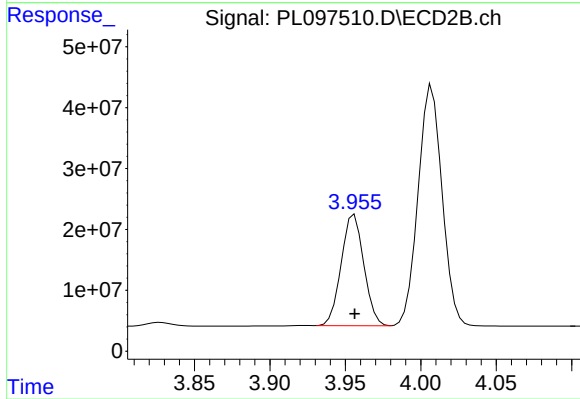
#5 Aldrin

R.T.: 4.289 min  
Delta R.T.: 0.000 min  
Response: 433548506  
Conc: 49.95 ng/ml



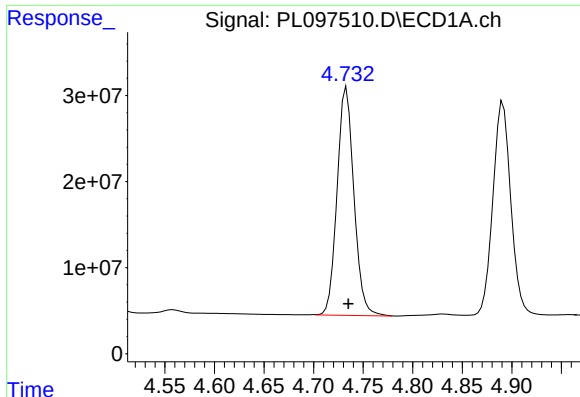
#6 beta-BHC

R.T.: 4.488 min  
Delta R.T.: -0.001 min  
Response: 133283658  
Conc: 48.89 ng/ml



#6 beta-BHC

R.T.: 3.956 min  
Delta R.T.: 0.000 min  
Response: 190983566  
Conc: 47.02 ng/ml



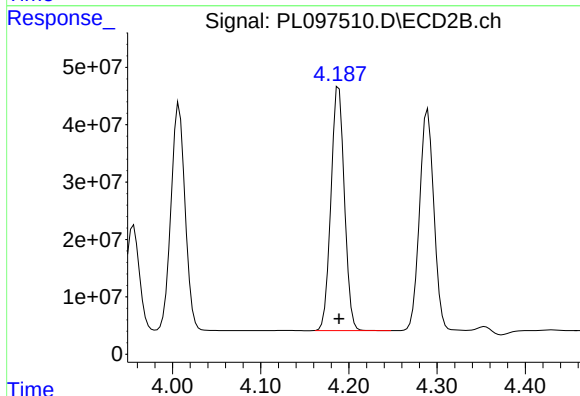
#7 delta-BHC

R.T.: 4.732 min  
Delta R.T.: -0.003 min  
Response: 312629476  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

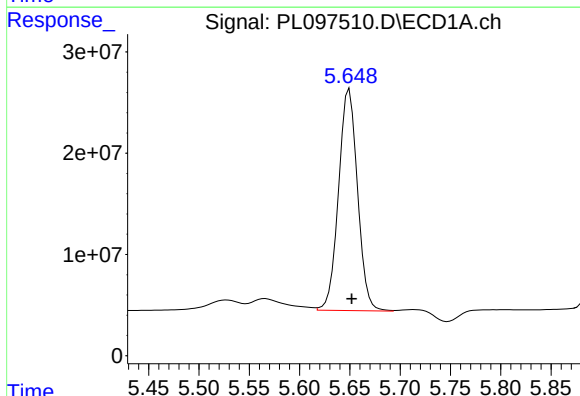
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



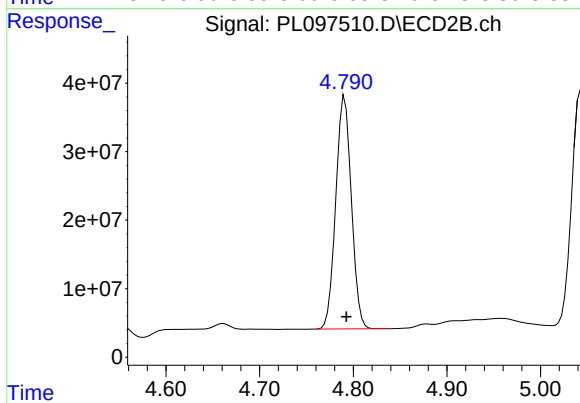
#7 delta-BHC

R.T.: 4.189 min  
Delta R.T.: 0.000 min  
Response: 451638184  
Conc: 49.13 ng/ml



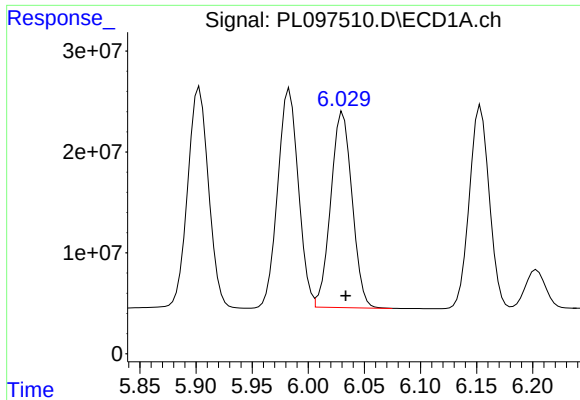
#8 Heptachlor epoxide

R.T.: 5.648 min  
Delta R.T.: -0.004 min  
Response: 286620442  
Conc: 49.87 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.791 min  
Delta R.T.: -0.002 min  
Response: 394116028  
Conc: 49.69 ng/ml



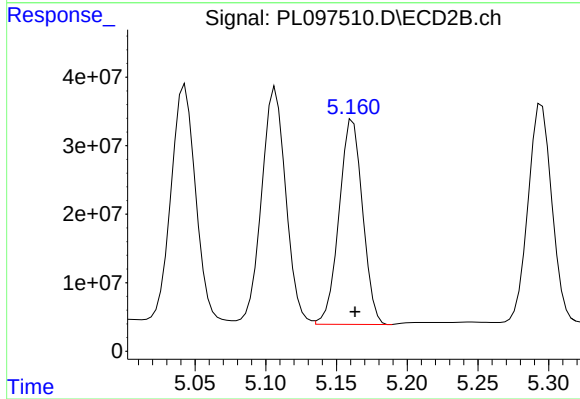
#9 Endosulfan I

R.T.: 6.029 min  
Delta R.T.: -0.004 min  
Response: 256307607  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

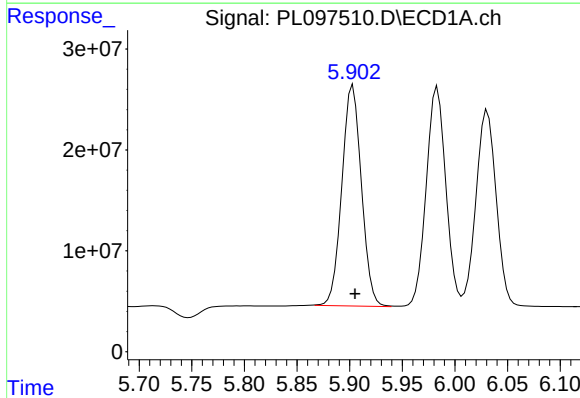
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



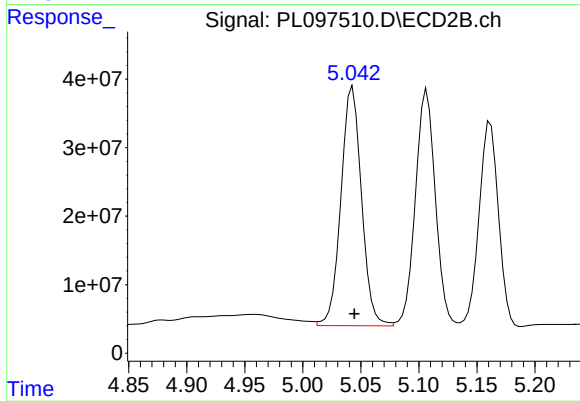
#9 Endosulfan I

R.T.: 5.162 min  
Delta R.T.: -0.002 min  
Response: 346908908  
Conc: 45.15 ng/ml



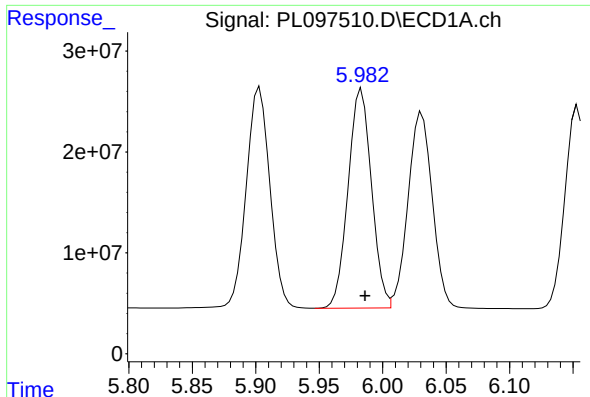
#10 gamma-Chlordane

R.T.: 5.902 min  
Delta R.T.: -0.004 min  
Response: 283682534  
Conc: 50.18 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min  
Delta R.T.: -0.001 min  
Response: 430839594  
Conc: 49.33 ng/ml



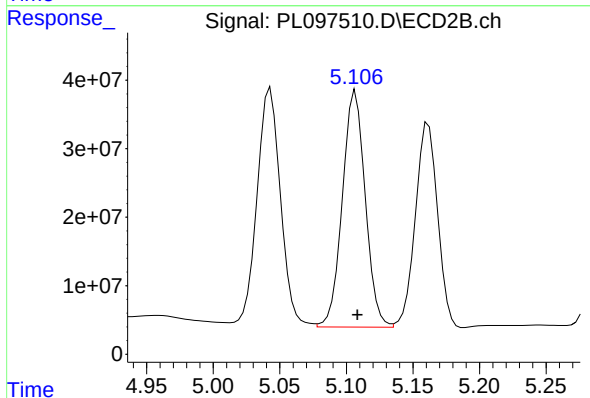
#11 alpha-Chlordane

R.T.: 5.982 min  
Delta R.T.: -0.004 min  
Response: 281254499  
Conc: 49.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

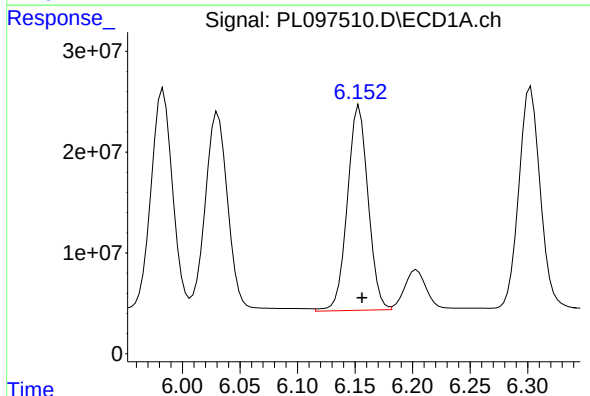
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



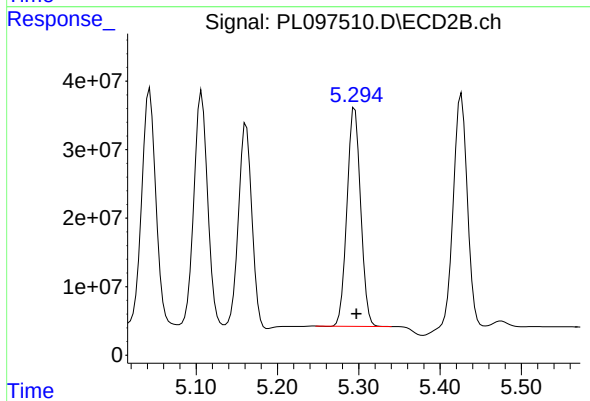
#11 alpha-Chlordane

R.T.: 5.107 min  
Delta R.T.: -0.001 min  
Response: 413673674  
Conc: 49.84 ng/ml



#12 4,4'-DDE

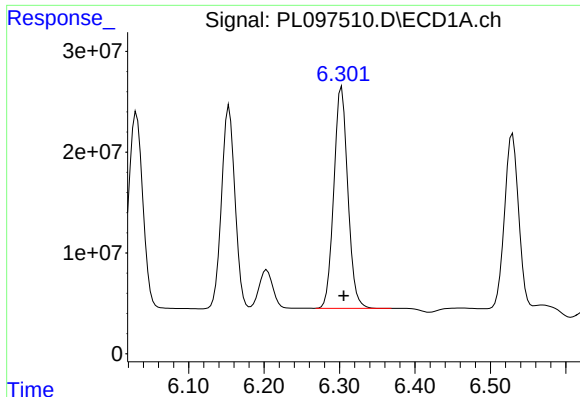
R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 255473867  
Conc: 53.62 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min  
Delta R.T.: -0.002 min  
Response: 371267000  
Conc: 48.31 ng/ml





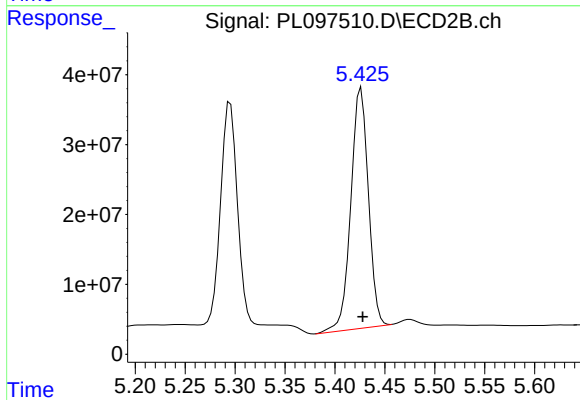
#13 Dieldrin

R.T.: 6.303 min  
Delta R.T.: -0.003 min  
Response: 283450270  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

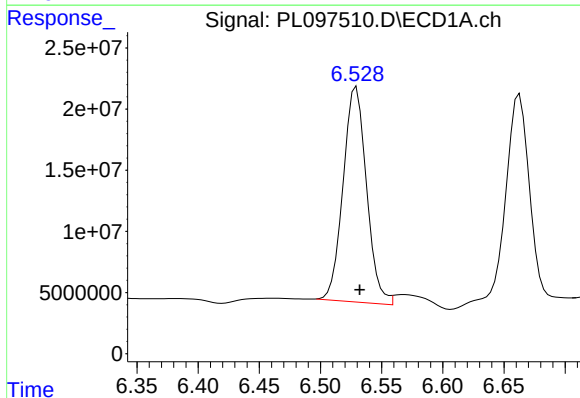
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



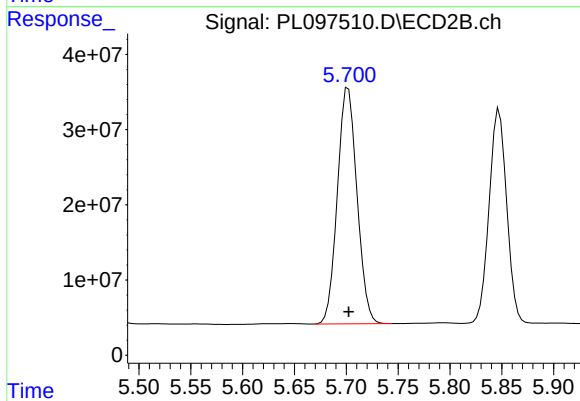
#13 Dieldrin

R.T.: 5.426 min  
Delta R.T.: -0.002 min  
Response: 420530407  
Conc: 51.43 ng/ml



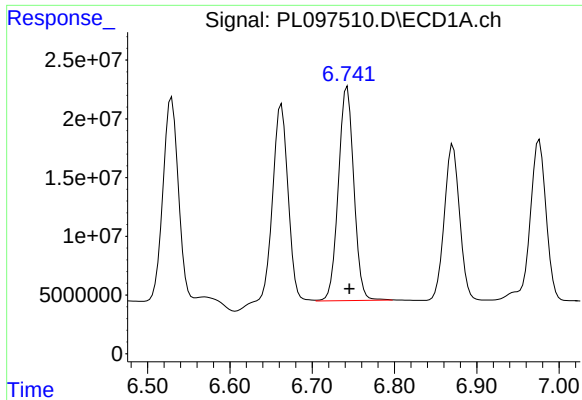
#14 Endrin

R.T.: 6.529 min  
Delta R.T.: -0.003 min  
Response: 234433986  
Conc: 50.82 ng/ml



#14 Endrin

R.T.: 5.702 min  
Delta R.T.: 0.000 min  
Response: 413921638  
Conc: 55.11 ng/ml



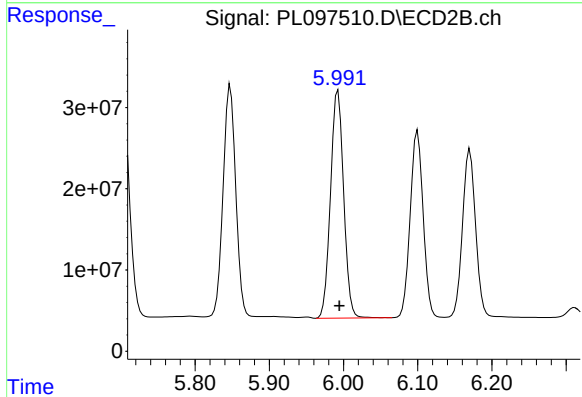
#15 Endosulfan II

R.T.: 6.741 min  
Delta R.T.: -0.004 min  
Response: 238041908  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

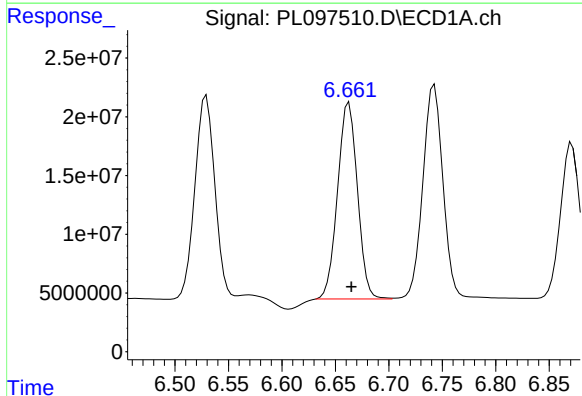
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



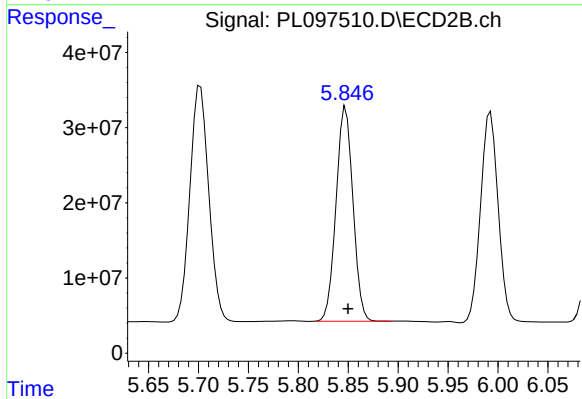
#15 Endosulfan II

R.T.: 5.993 min  
Delta R.T.: -0.002 min  
Response: 345029866  
Conc: 48.53 ng/ml



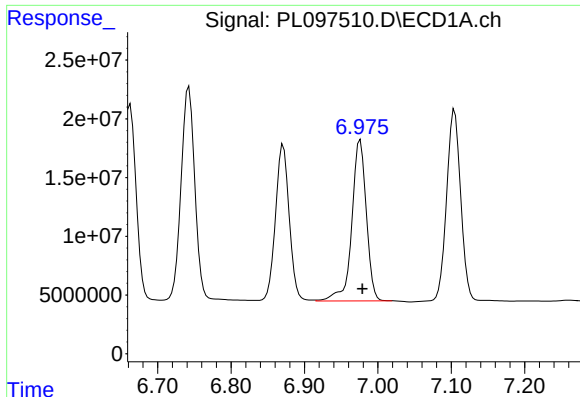
#16 4,4'-DDD

R.T.: 6.661 min  
Delta R.T.: -0.004 min  
Response: 216918298  
Conc: 57.53 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min  
Delta R.T.: -0.002 min  
Response: 335832261  
Conc: 52.07 ng/ml



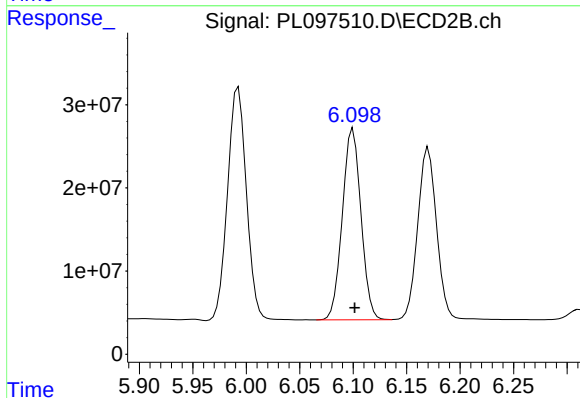
#17 4,4'-DDT

R.T.: 6.975 min  
Delta R.T.: -0.004 min  
Response: 188193648  
Conc: 44.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

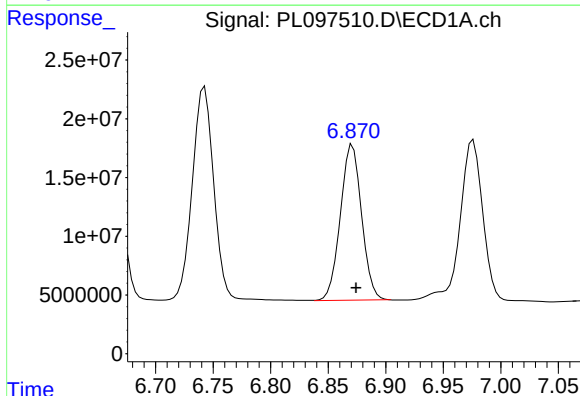
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



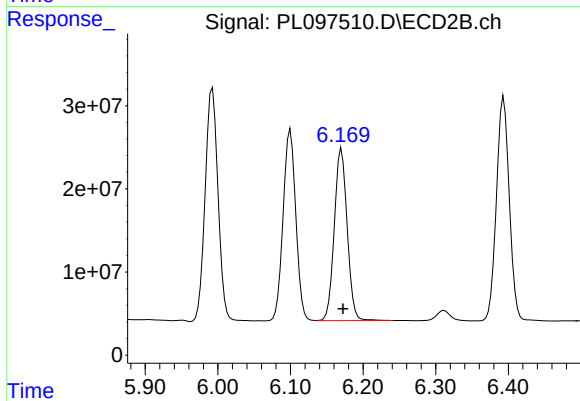
#17 4,4'-DDT

R.T.: 6.100 min  
Delta R.T.: -0.002 min  
Response: 278741817  
Conc: 40.28 ng/ml



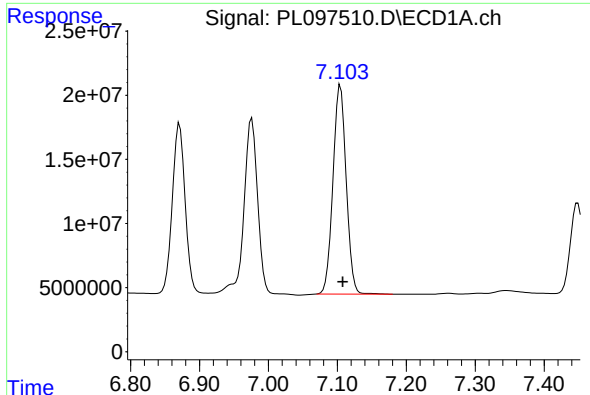
#18 Endrin aldehyde

R.T.: 6.870 min  
Delta R.T.: -0.005 min  
Response: 170815886  
Conc: 55.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min  
Delta R.T.: -0.002 min  
Response: 254343672  
Conc: 47.65 ng/ml



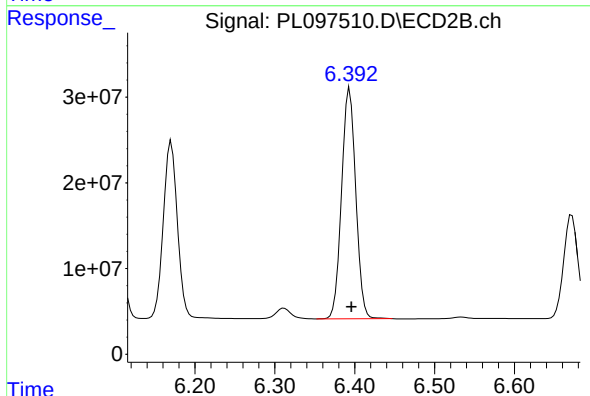
#19 Endosulfan Sulfate

R.T.: 7.104 min  
Delta R.T.: -0.003 min  
Response: 217230161  
Conc: 53.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

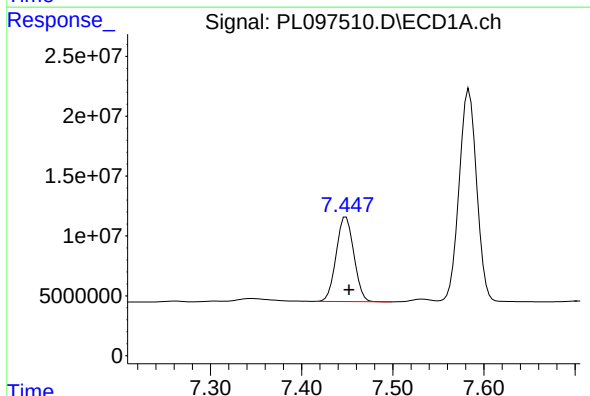
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



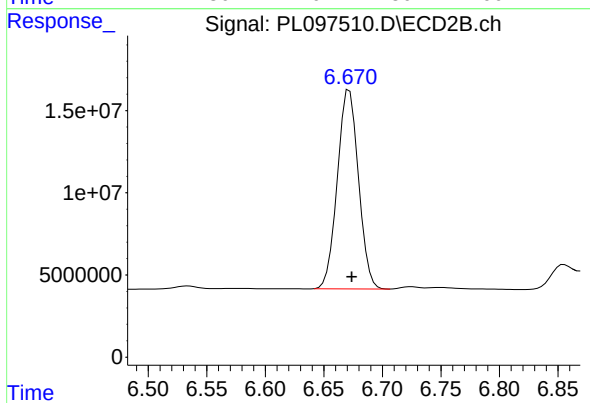
#19 Endosulfan Sulfate

R.T.: 6.394 min  
Delta R.T.: -0.002 min  
Response: 332283566  
Conc: 48.51 ng/ml



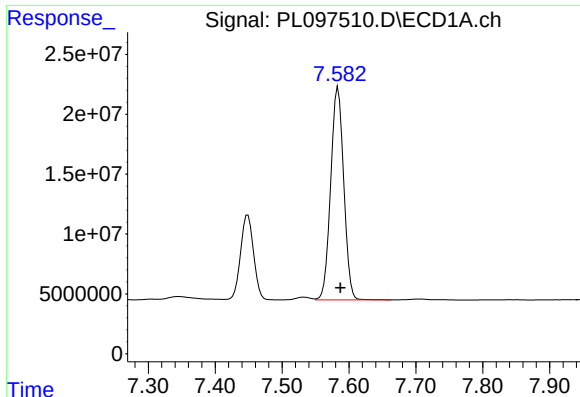
#20 Methoxychlor

R.T.: 7.449 min  
Delta R.T.: -0.004 min  
Response: 95248295  
Conc: 45.67 ng/ml



#20 Methoxychlor

R.T.: 6.672 min  
Delta R.T.: -0.002 min  
Response: 152553681  
Conc: 40.47 ng/ml



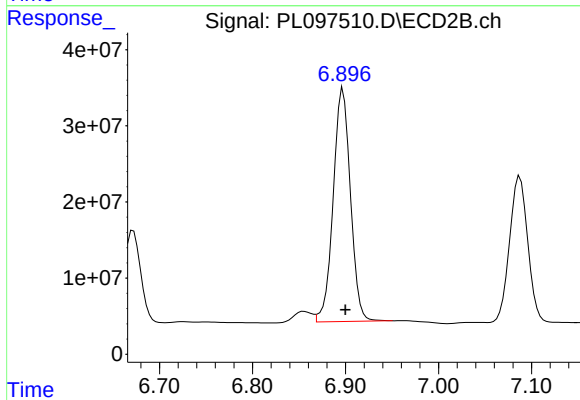
#21 Endrin ketone

R.T.: 7.584 min  
Delta R.T.: -0.003 min  
Response: 239368674  
Conc: 56.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

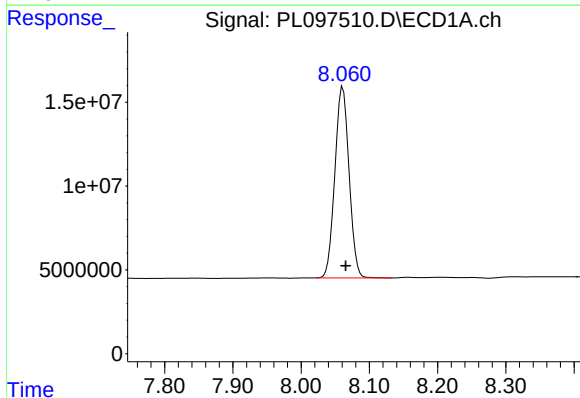
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



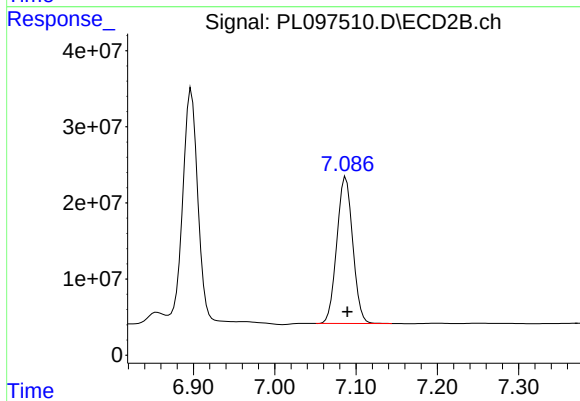
#21 Endrin ketone

R.T.: 6.897 min  
Delta R.T.: -0.002 min  
Response: 395196703  
Conc: 52.48 ng/ml



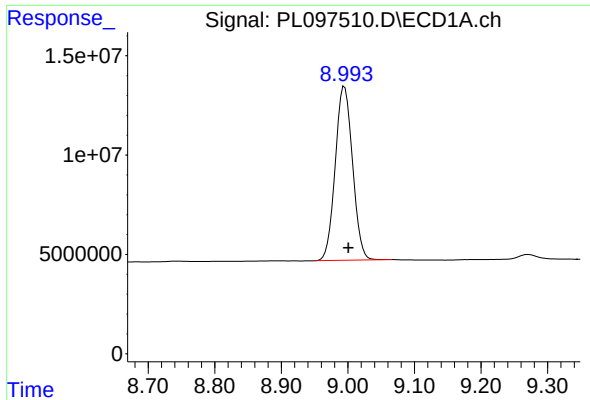
#22 Mirex

R.T.: 8.061 min  
Delta R.T.: -0.004 min  
Response: 165041712  
Conc: 46.49 ng/ml



#22 Mirex

R.T.: 7.087 min  
Delta R.T.: -0.002 min  
Response: 261758244  
Conc: 43.78 ng/ml



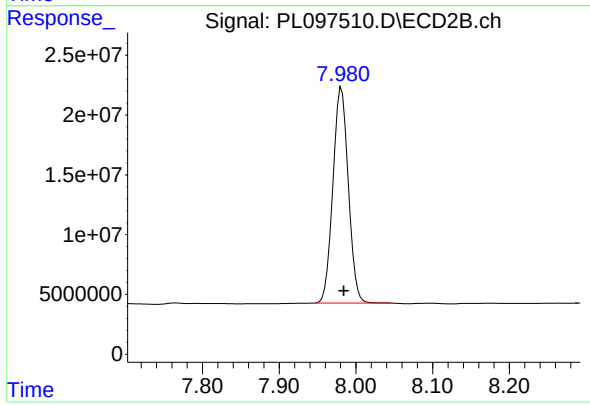
#28 Decachlorobiphenyl

R.T.: 8.995 min  
Delta R.T.: -0.006 min  
Response: 158134141  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/06/2025  
Supervised By :mohammad ahmed 10/07/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min  
Delta R.T.: -0.003 min  
Response: 251368426  
Conc: 44.17 ng/ml