

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 16:14
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2025
 Supervised By : mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:04:06 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	2.823	199.9E6	276.4E6	44.153	42.031
28)	SA Decachlor...	8.996	7.981	151.4E6	229.7E6	46.271	40.359
Target Compounds							
2)	A alpha-BHC	3.972	3.328	337.3E6	472.6E6	48.275	47.462
3)	MA gamma-BHC...	4.300	3.659	316.5E6	433.4E6	47.861	46.526
4)	MA Heptachlor	4.891	4.007	305.9E6	419.1E6	45.858	45.044
5)	MB Aldrin	5.230	4.289	300.7E6	405.9E6	47.472	46.767
6)	B beta-BHC	4.488	3.955	129.1E6	178.8E6	47.361	44.017
7)	B delta-BHC	4.731	4.188	301.5E6	421.0E6	49.692m	45.799
8)	B Heptachlo...	5.648	4.790	288.3E6	372.5E6	50.159m	46.966
9)	A Endosulfan I	6.030	5.161	259.4E6	328.0E6	50.057	42.692
10)	B gamma-Chl...	5.901	5.042	276.2E6	406.5E6	48.853m	46.545
11)	B alpha-Chl...	5.982	5.106	271.8E6	390.9E6	47.852m	47.098
12)	B 4,4'-DDE	6.154	5.295	242.0E6	351.0E6	50.789	45.678
13)	MA Dieldrin	6.302	5.424	273.2E6	384.1E6	49.828	46.972m
14)	MA Endrin	6.529	5.701	234.7E6	408.5E6	50.878	54.389
15)	B Endosulfa...	6.741	5.992	230.4E6	330.0E6	46.838m	46.424
16)	A 4,4'-DDD	6.661	5.847	205.0E6	308.7E6	54.363m	47.860
17)	MA 4,4'-DDT	6.976	6.099	208.1E6	282.6E6	49.222	40.833
18)	B Endrin al...	6.870	6.170	167.5E6	243.1E6	54.332m	45.537
19)	B Endosulfa...	7.105	6.393	210.8E6	317.6E6	51.641	46.361
20)	A Methoxychlor	7.449	6.671	97260895	154.5E6	46.639	40.986
21)	B Endrin ke...	7.583	6.897	226.7E6	400.6E6	53.417	53.202
22)	Mirex	8.061	7.086	156.7E6	246.1E6	44.143	41.161

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 16:14
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

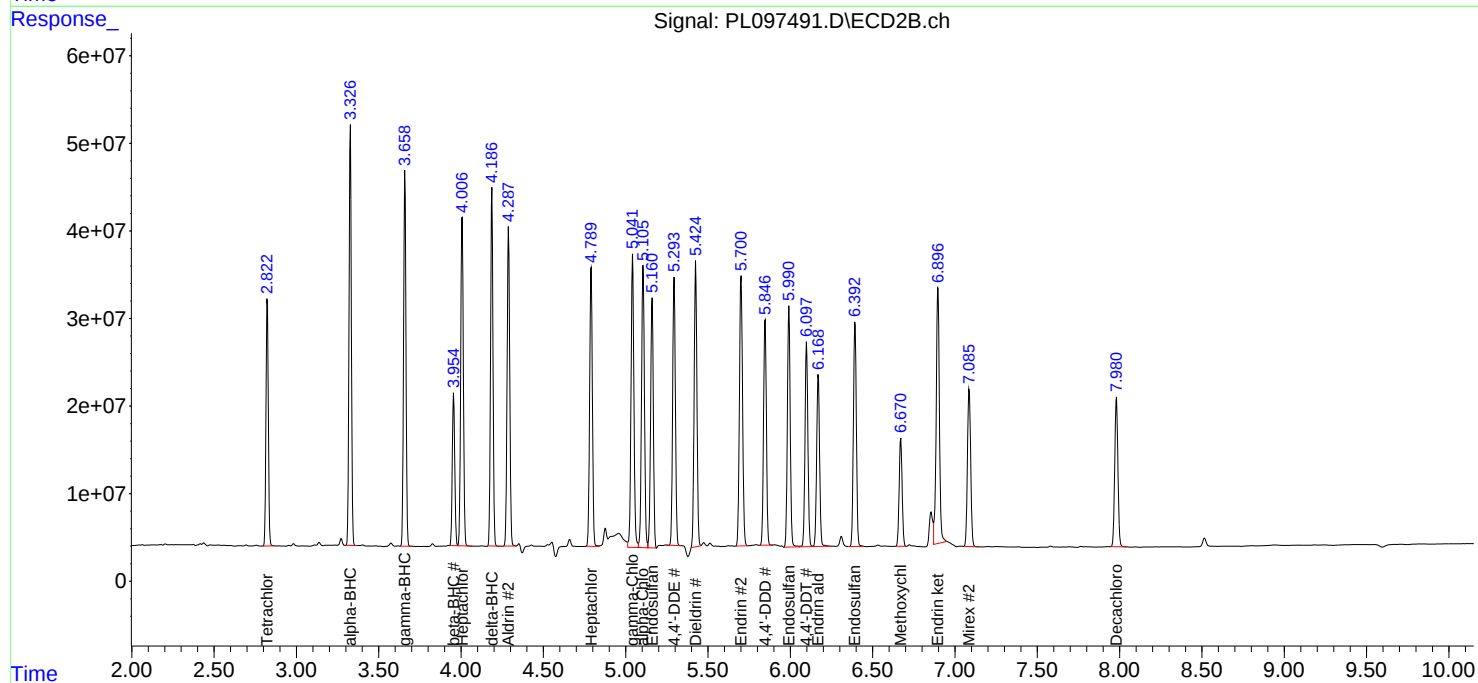
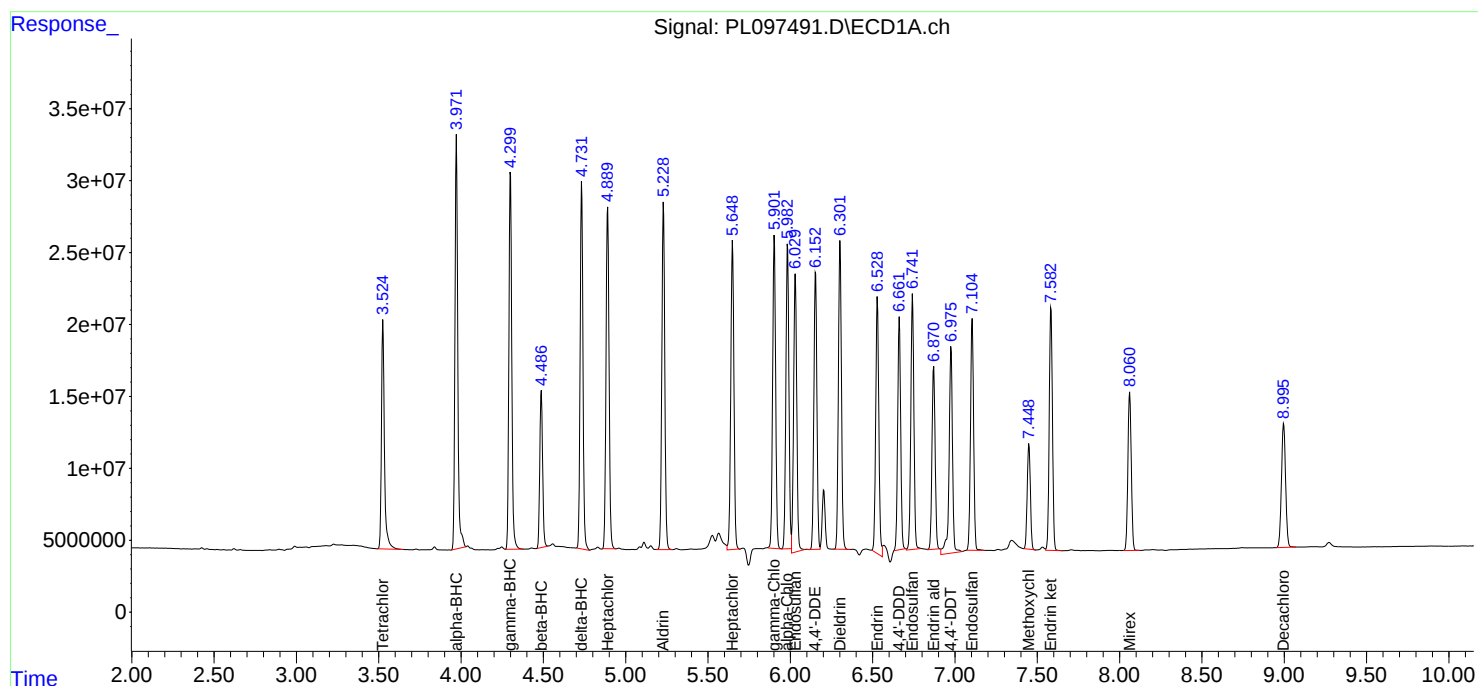
APPROVED

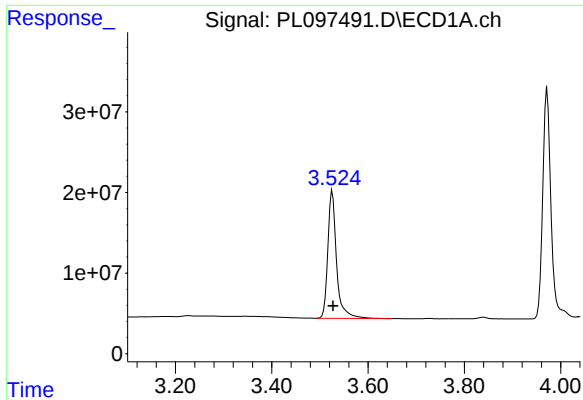
Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:04:06 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





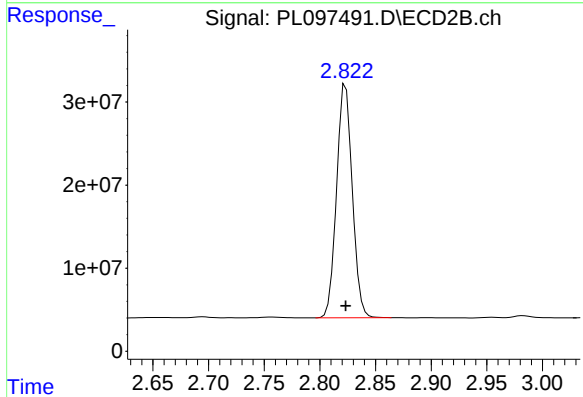
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.001 min
Response: 199890074
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

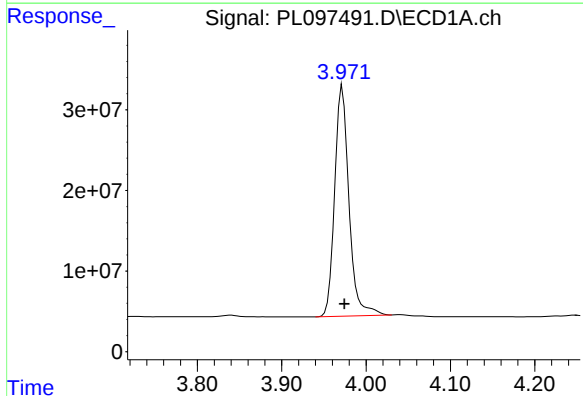
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



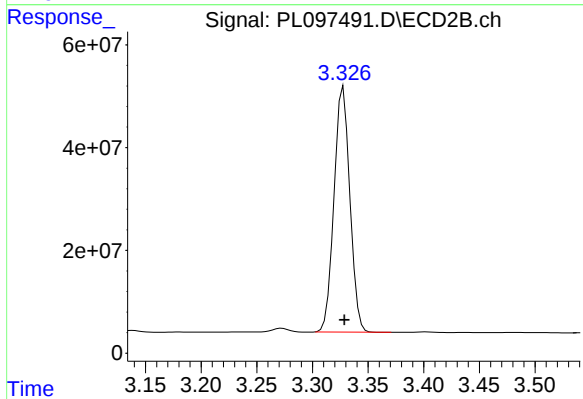
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 276374734
Conc: 42.03 ng/ml



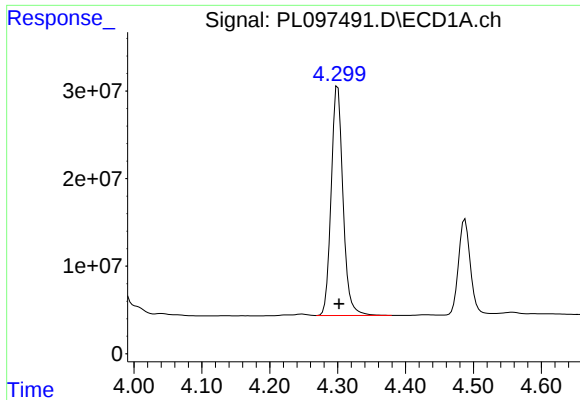
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.002 min
Response: 337319183
Conc: 48.28 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 472611145
Conc: 47.46 ng/ml



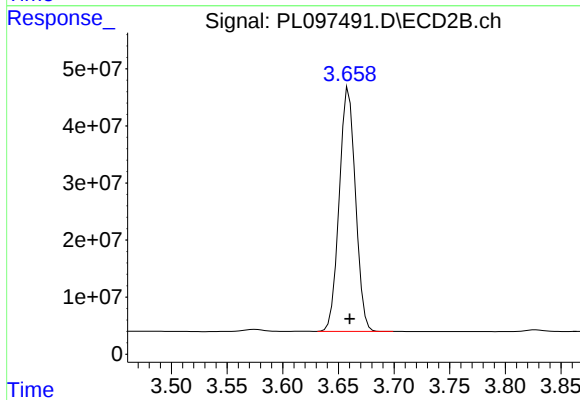
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 316511488
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

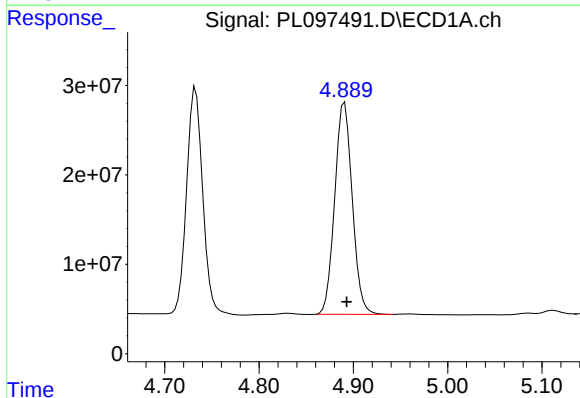
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



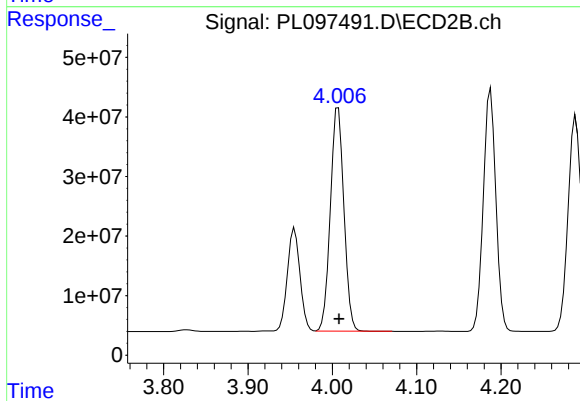
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 433378211
Conc: 46.53 ng/ml



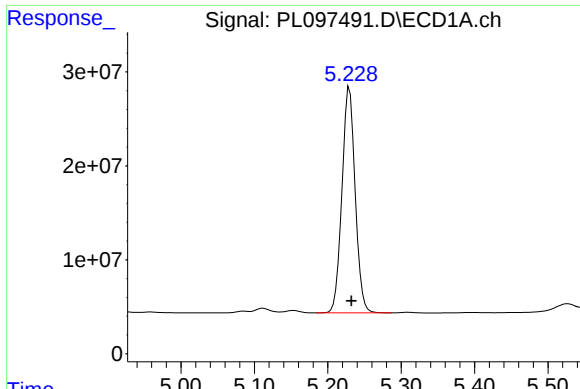
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 305877146
Conc: 45.86 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 419138246
Conc: 45.04 ng/ml



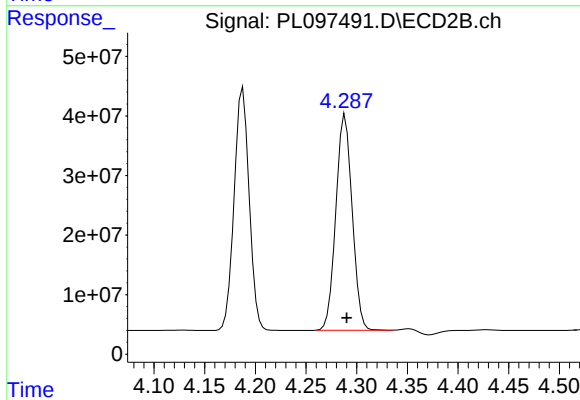
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.003 min
Response: 300679134
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

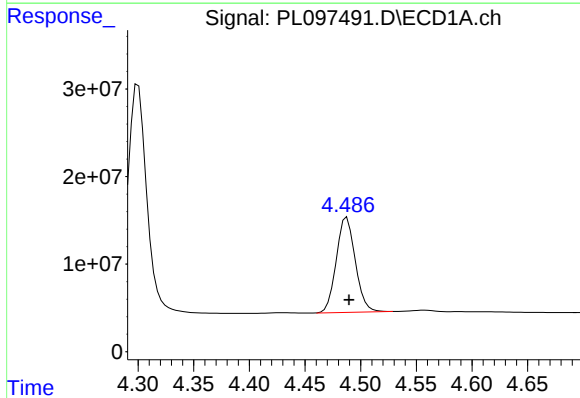
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



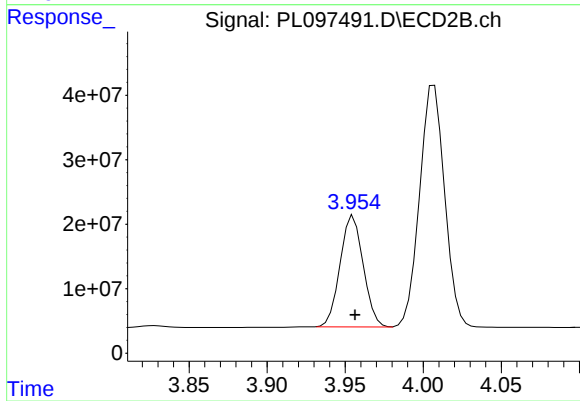
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 405906162
Conc: 46.77 ng/ml



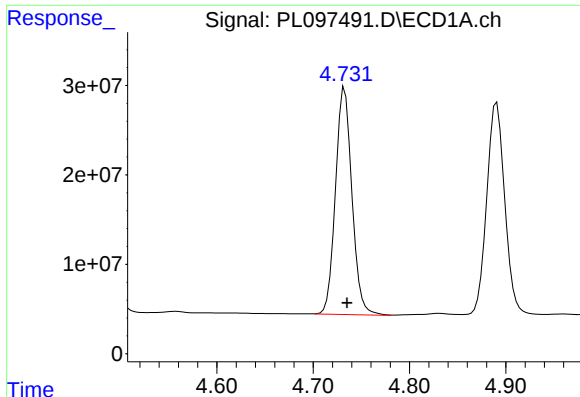
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 129115588
Conc: 47.36 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: 0.000 min
Response: 178797560
Conc: 44.02 ng/ml



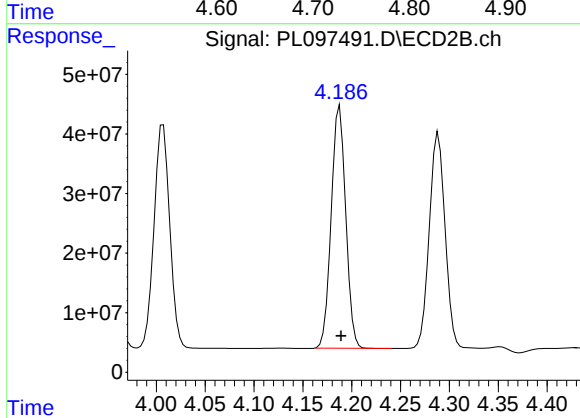
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 301547317
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

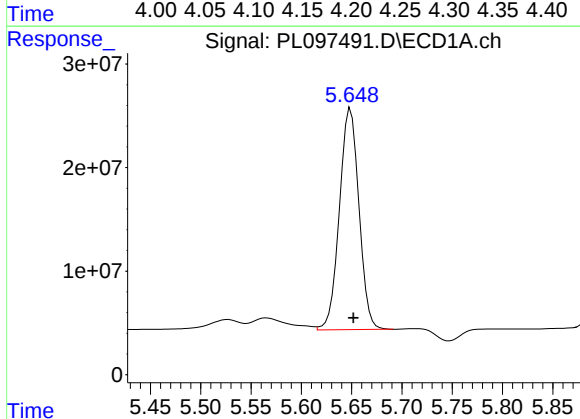
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



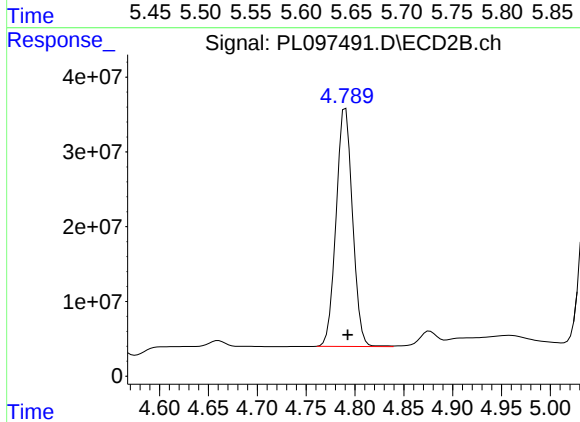
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 420994696
Conc: 45.80 ng/ml



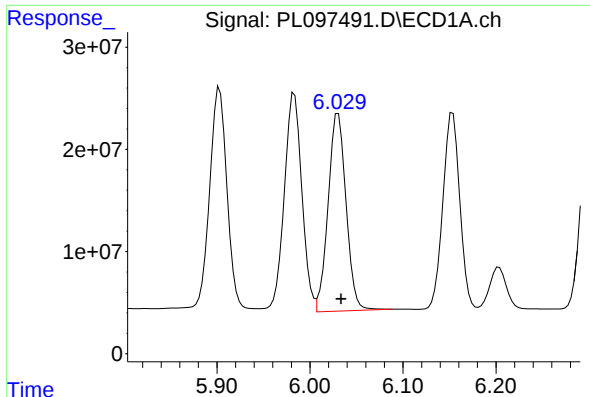
#8 Heptachlor epoxide

R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 288260416
Conc: 50.16 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 372515895
Conc: 46.97 ng/ml



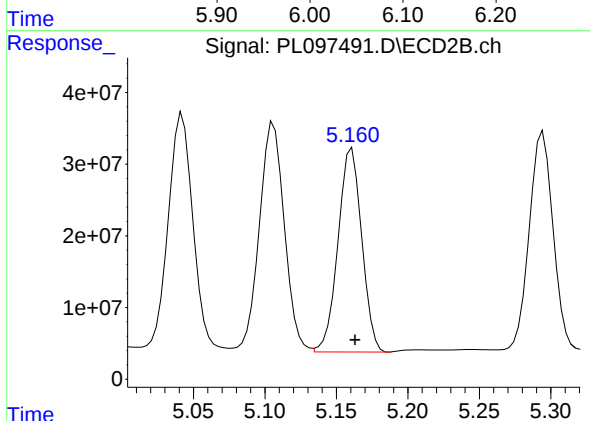
#9 Endosulfan I

R.T.: 6.030 min
Delta R.T.: -0.003 min
Response: 259363457
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

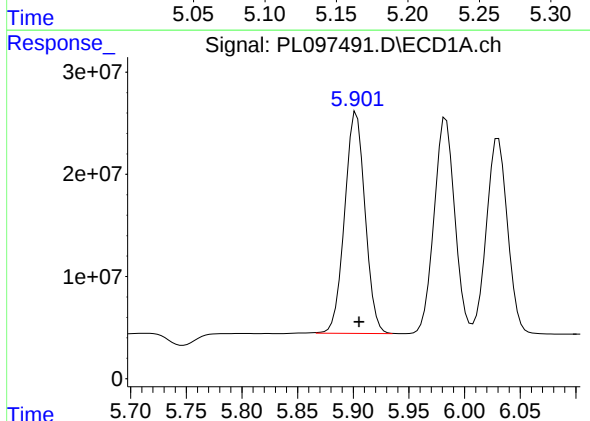
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



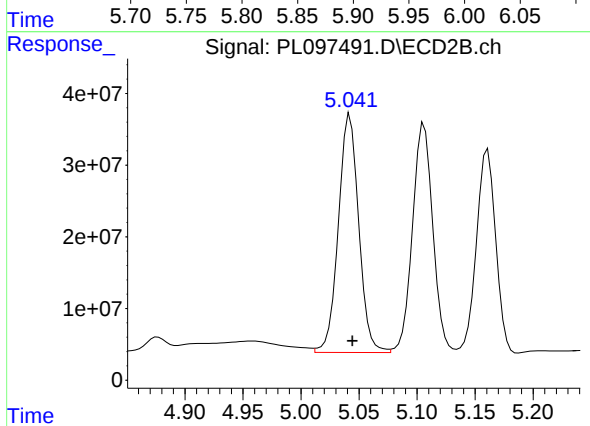
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 328028952
Conc: 42.69 ng/ml



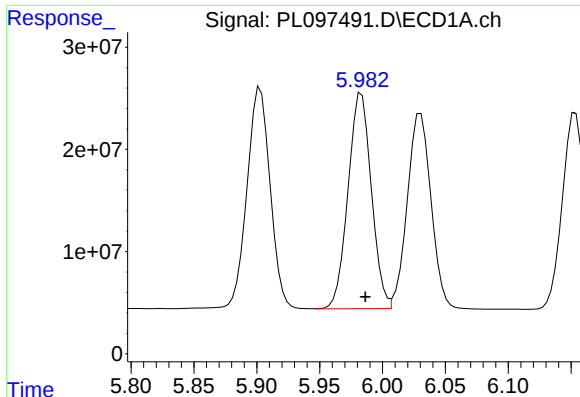
#10 gamma-Chlordane

R.T.: 5.901 min
Delta R.T.: -0.004 min
Response: 276189170
Conc: 48.85 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 406518484
Conc: 46.55 ng/ml



#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: -0.004 min
Response: 271797503
Conc: 47.85 ng/ml

Instrument :

ECD_L

ClientSampleId :

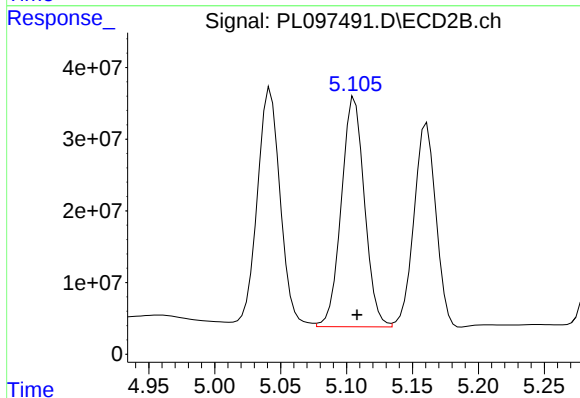
PSTDCCC050

Manual Integrations

APPROVED

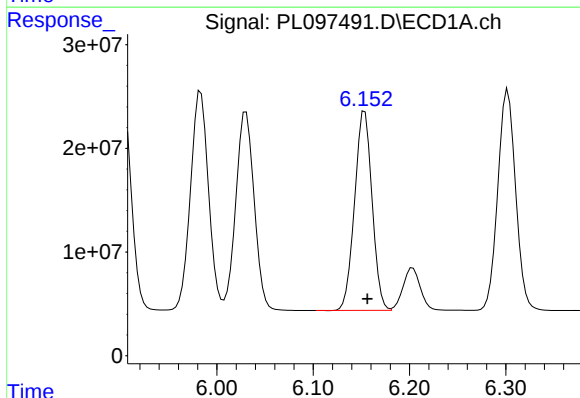
Reviewed By :Abdul Mirza 10/03/2025

Supervised By :mohammad ahmed 10/06/2025



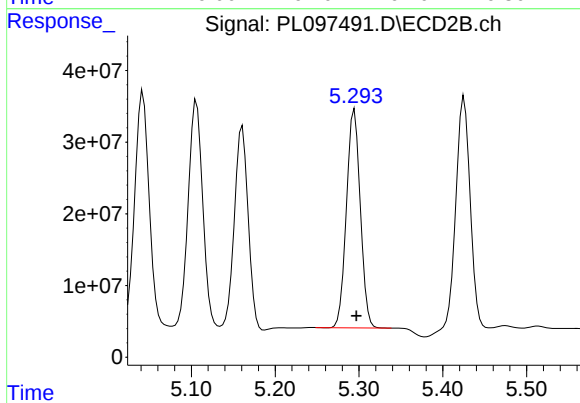
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 390938387
Conc: 47.10 ng/ml



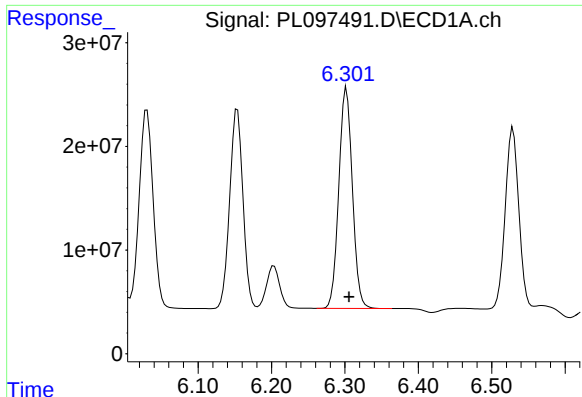
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 241995178
Conc: 50.79 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 351023643
Conc: 45.68 ng/ml



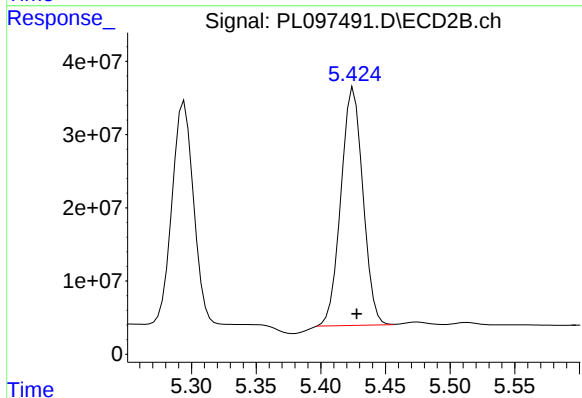
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 273162333
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

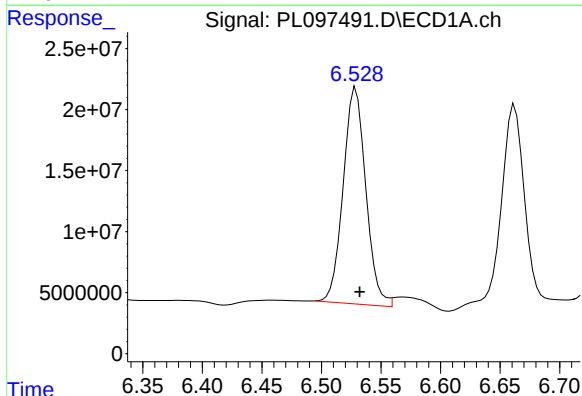
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



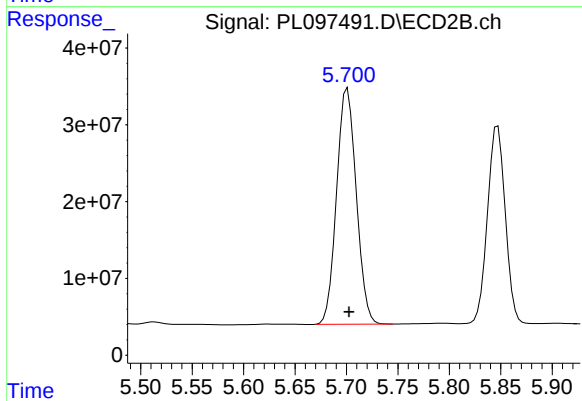
#13 Dieldrin

R.T.: 5.424 min
Delta R.T.: -0.004 min
Response: 384076593
Conc: 46.97 ng/ml m



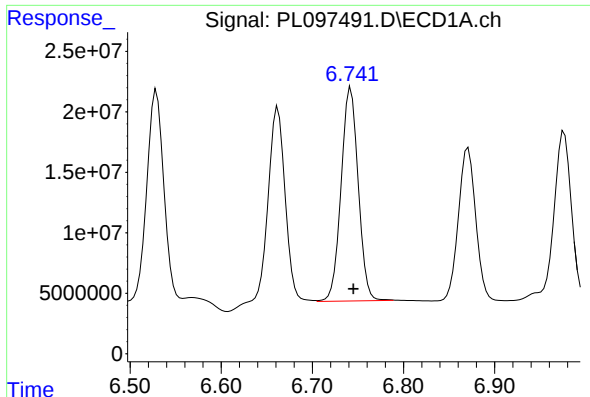
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 234705324
Conc: 50.88 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 408487489
Conc: 54.39 ng/ml



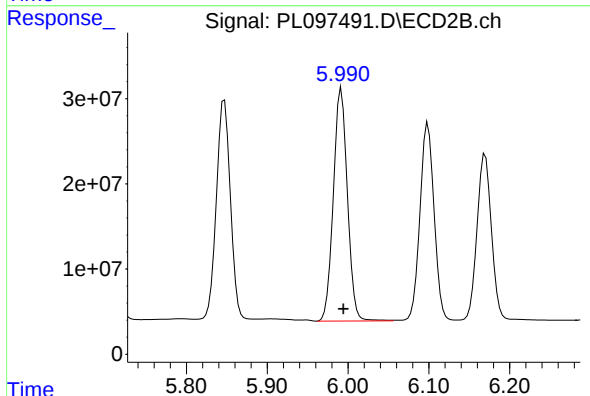
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 230365546
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

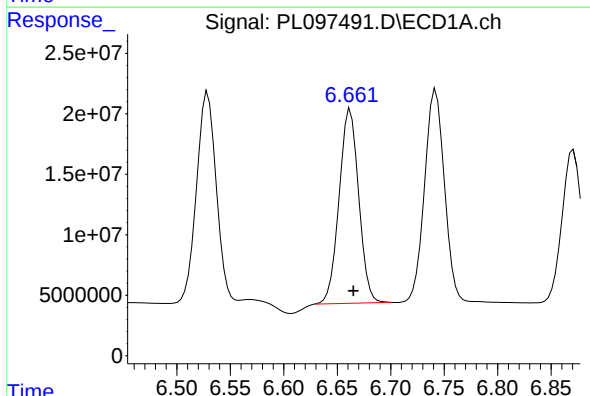
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



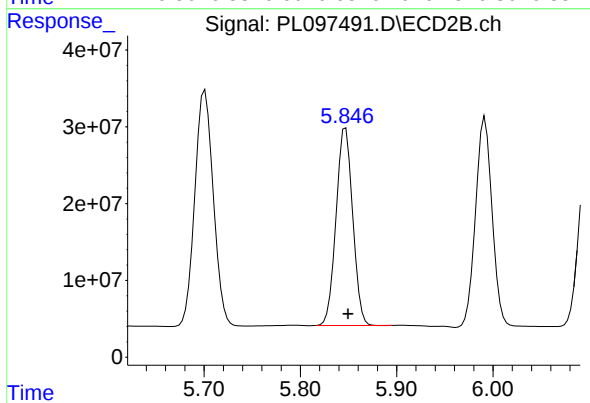
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 330042362
Conc: 46.42 ng/ml



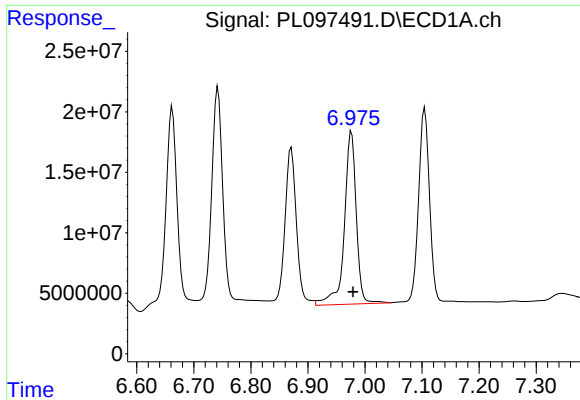
#16 4,4'-DDD

R.T.: 6.661 min
Delta R.T.: -0.004 min
Response: 204979332
Conc: 54.36 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 308653183
Conc: 47.86 ng/ml



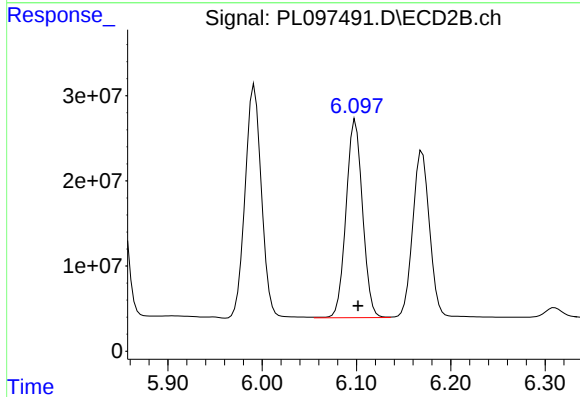
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 208072662
Conc: 49.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

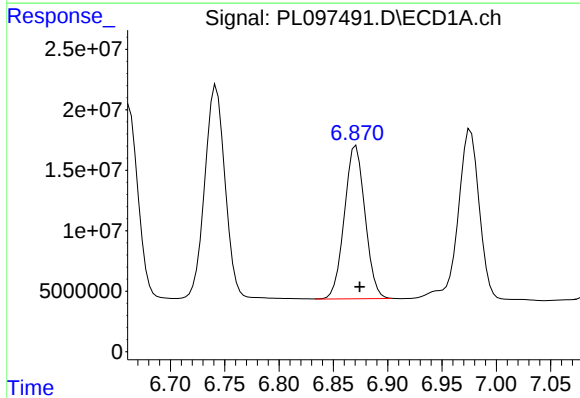
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



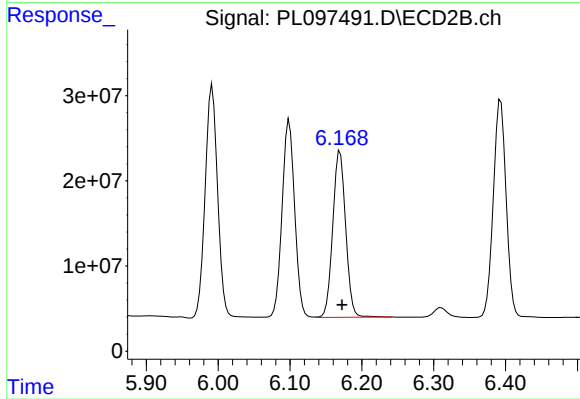
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 282585247
Conc: 40.83 ng/ml



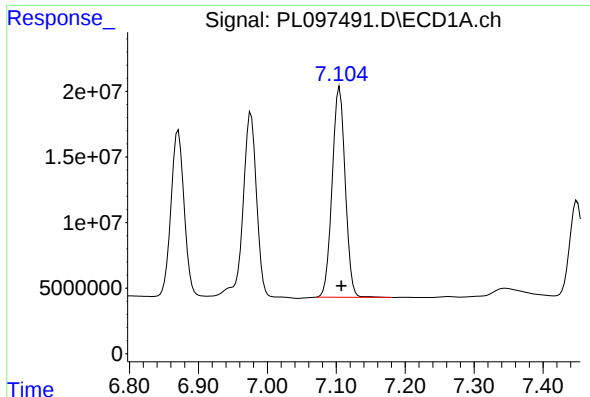
#18 Endrin aldehyde

R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 167494951
Conc: 54.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.003 min
Response: 243050519
Conc: 45.54 ng/ml



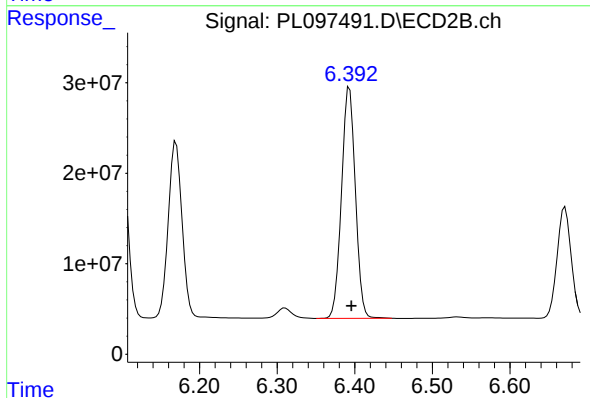
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 210833928
Conc: 51.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

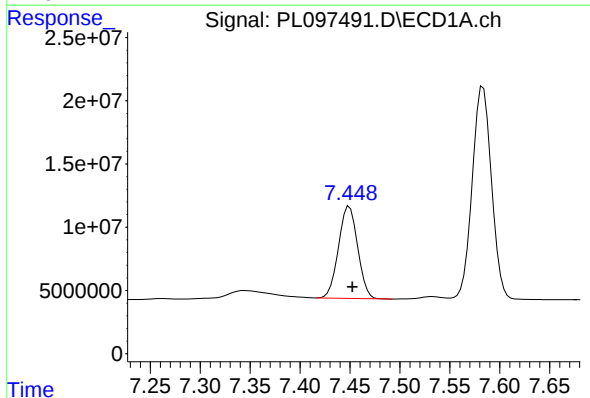
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



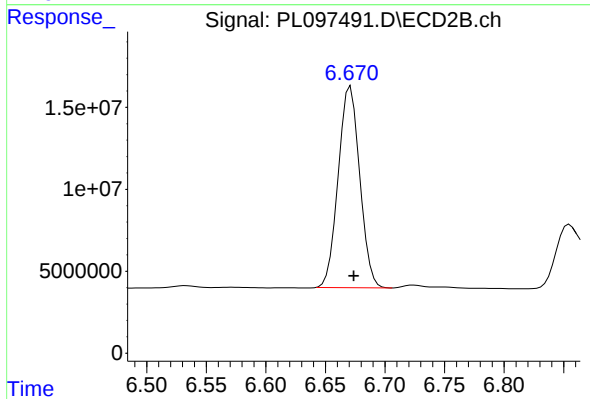
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 317564016
Conc: 46.36 ng/ml



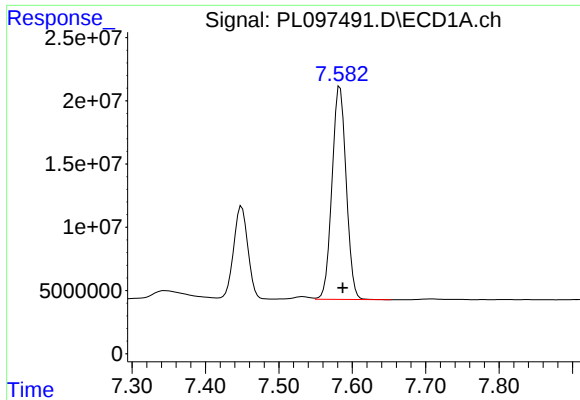
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 97260895
Conc: 46.64 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 154496574
Conc: 40.99 ng/ml



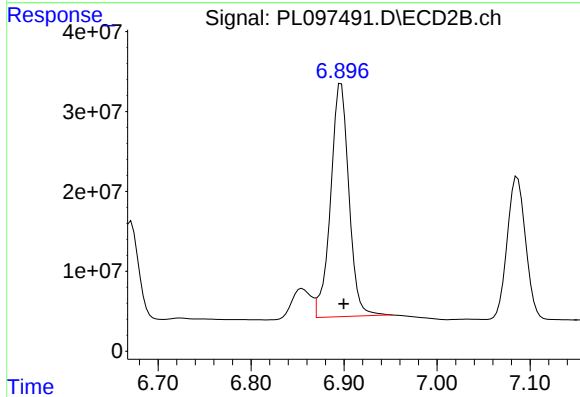
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: -0.004 min
Response: 226718831
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

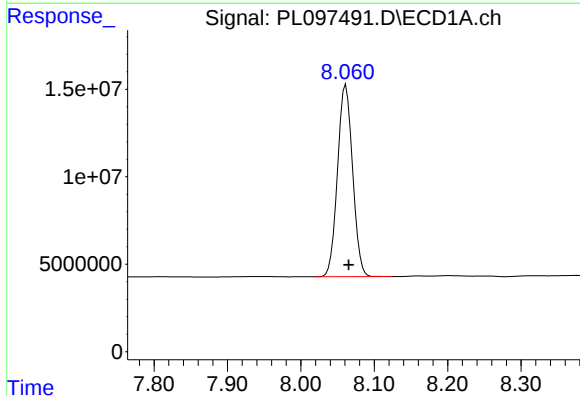
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



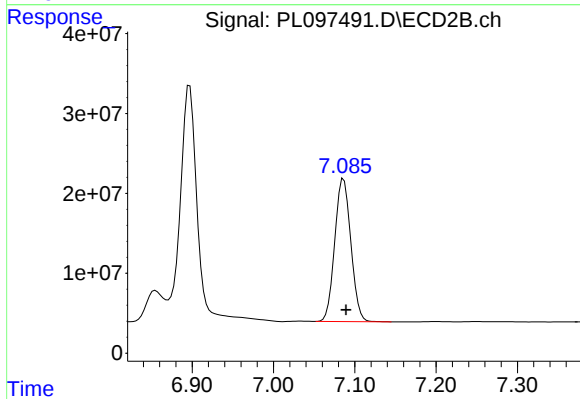
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 400626890
Conc: 53.20 ng/ml



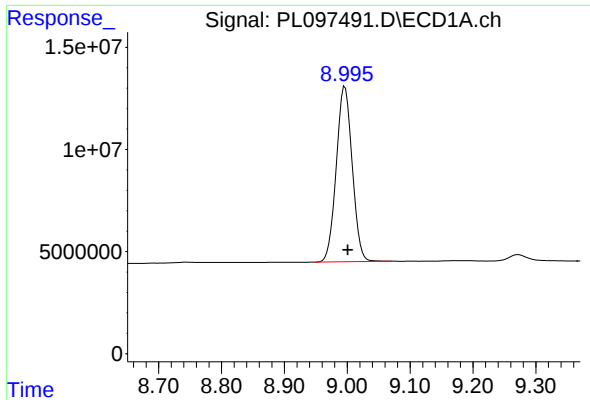
#22 Mirex

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 156719663
Conc: 44.14 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 246089189
Conc: 41.16 ng/ml



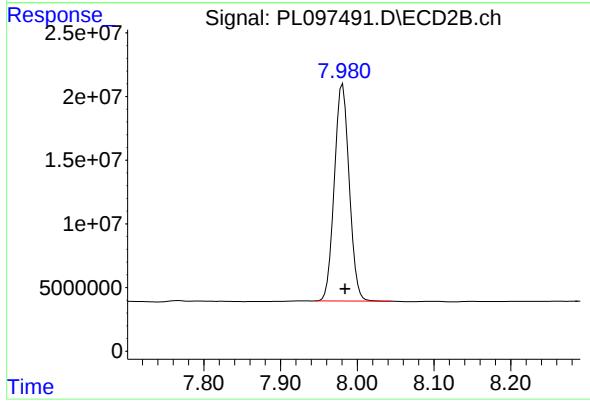
#28 Decachlorobiphenyl

R.T.: 8.996 min
Delta R.T.: -0.004 min
Response: 151407395
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 229703647
Conc: 40.36 ng/ml