

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 15:47
 Operator : AR\AJ
 Sample : Q3257-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV2-6FTMSD

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 04:03:51 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...	3.524	2.823	64933308	90999565	14.343m	13.839
28)	SA Decachlor...	8.997	7.980	49193152	74937181	15.034	13.166
Target Compounds							
2)	A alpha-BHC	3.973	3.328	244.0E6	335.1E6	34.921	33.651
3)	MA gamma-BHC...	4.300	3.660	226.2E6	307.5E6	34.210	33.011
4)	MA Heptachlor	4.891	4.007	212.1E6	285.7E6	31.792	30.699
5)	MB Aldrin	5.229	4.289	216.3E6	288.2E6	34.156	33.208
6)	B beta-BHC	4.488	3.956	96440192	153.5E6	35.376	37.790
7)	B delta-BHC	4.732	4.188	213.1E6	299.1E6	35.121m	32.543
8)	B Heptachlo...	5.649	4.790	209.4E6	266.4E6	36.445	33.585
9)	A Endosulfan I	6.031	5.161	180.8E6	255.4E6	34.897	33.243
10)	B gamma-Chl...	5.903	5.042	205.4E6	290.5E6	36.323	33.260
11)	B alpha-Chl...	5.983	5.106	197.3E6	278.7E6	34.741	33.579
12)	B 4,4'-DDE	6.154	5.294	175.9E6	256.8E6	36.915	33.417
13)	MA Dieldrin	6.303	5.425	195.8E6	272.9E6	35.714	33.376
14)	MA Endrin	6.529	5.699	155.1E6	235.8E6	33.611	31.401
15)	B Endosulfa...	6.742	5.992	170.0E6	235.3E6	34.559	33.094
16)	A 4,4'-DDD	6.663	5.847	151.1E6	222.1E6	40.079	34.436
17)	MA 4,4'-DDT	6.976	6.099	125.0E6	180.6E6	29.571	26.100
18)	B Endrin al...	6.871	6.170	104.0E6	142.4E6	33.746	26.688
19)	B Endosulfa...	7.105	6.393	147.2E6	219.3E6	36.051	32.016
20)	A Methoxychlor	7.449	6.671	61913036	98392167	29.689	26.102
21)	B Endrin ke...	7.584	6.897	161.1E6	248.0E6	37.949	32.927
22)	Mirex	8.062	7.086	127.5E6	196.0E6	35.902	32.786

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097489.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:47
Operator : AR\AJ
Sample : Q3257-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

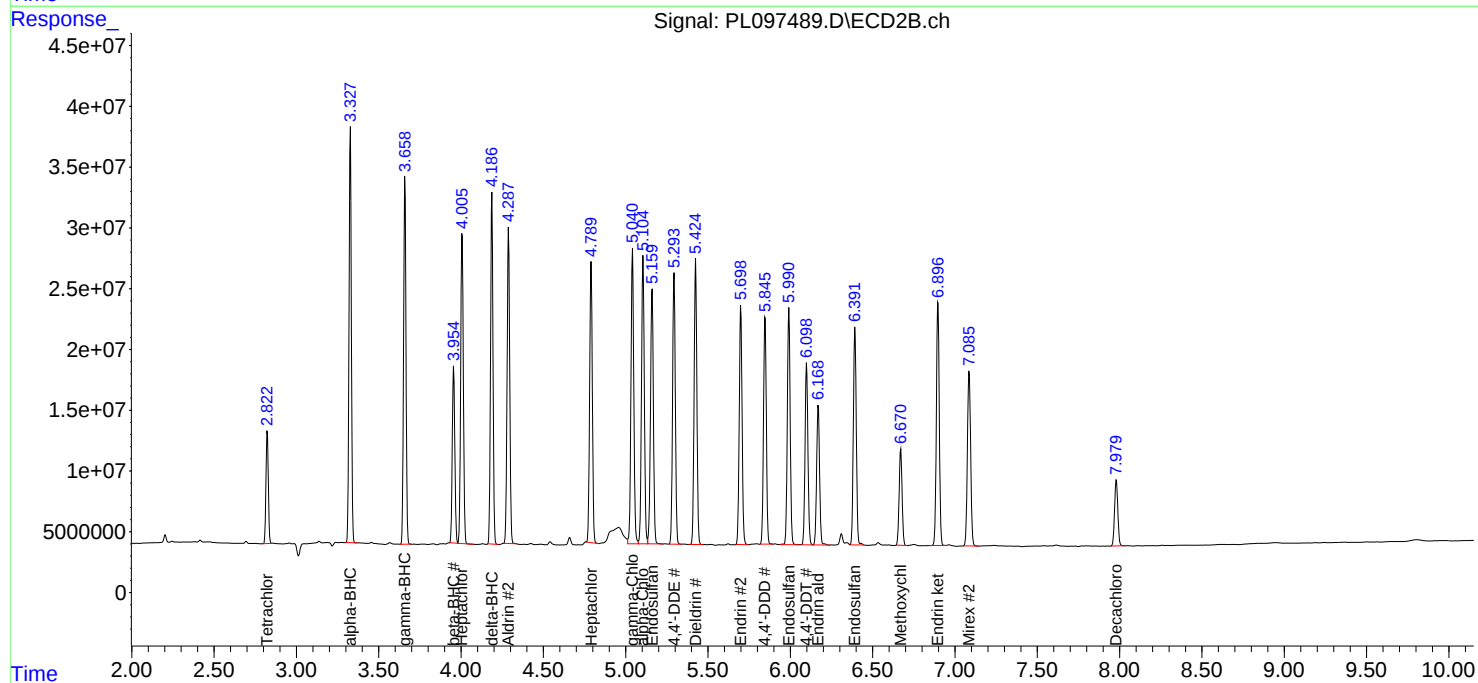
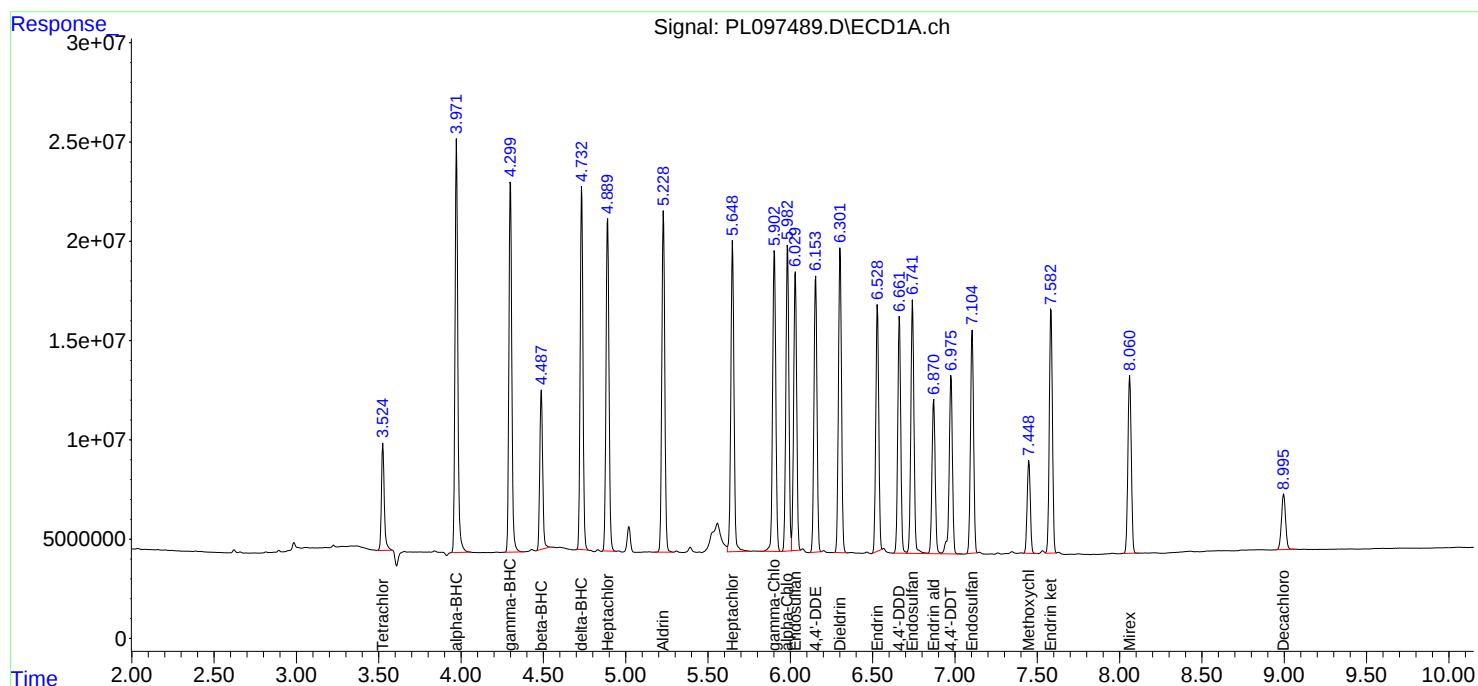
Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

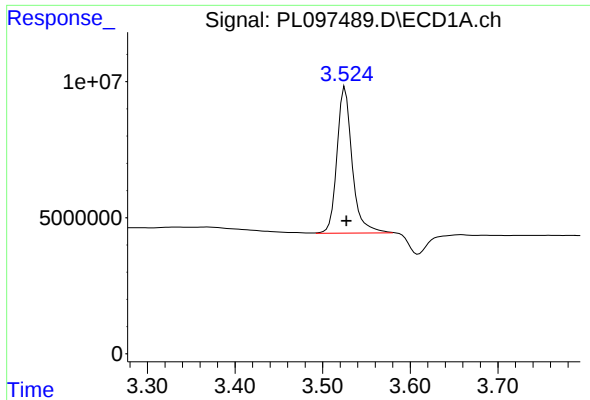
Manual Integrations
APPROVED

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 04:03:51 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





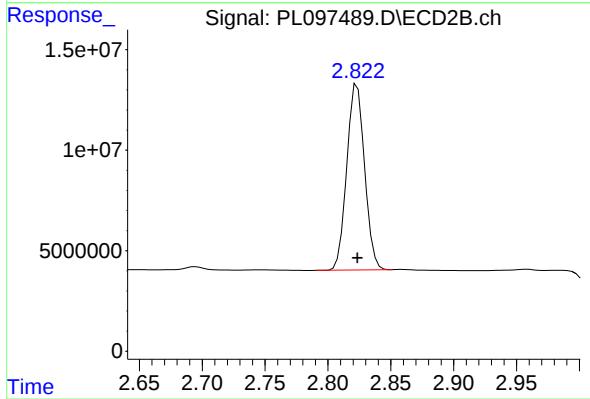
#1 Tetrachloro-m-xylene

R.T.: 3.524 min
Delta R.T.: -0.003 min
Response: 64933308
Conc: 14.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

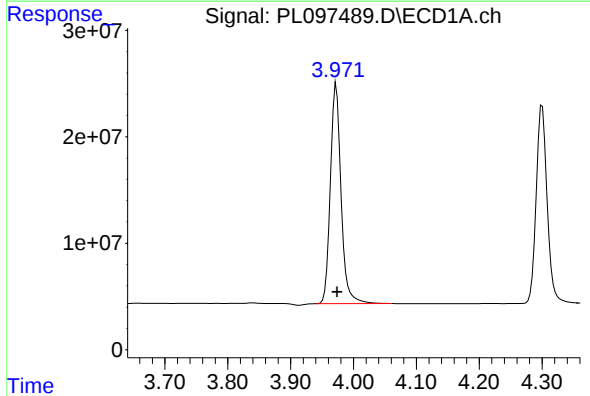
Manual Integrations
APPROVED

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



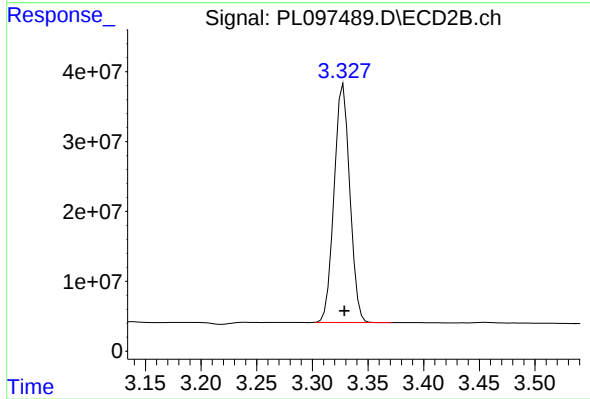
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 90999565
Conc: 13.84 ng/ml



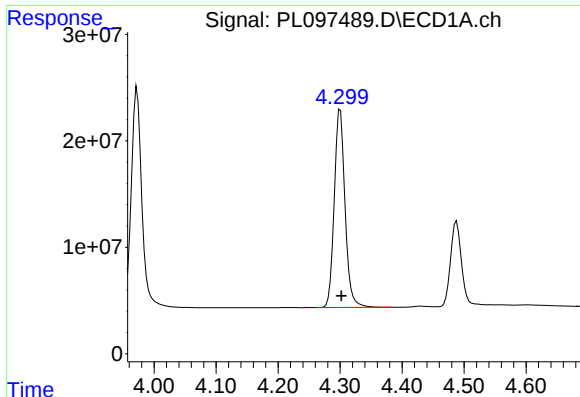
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: 244007231
Conc: 34.92 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 335085227
Conc: 33.65 ng/ml



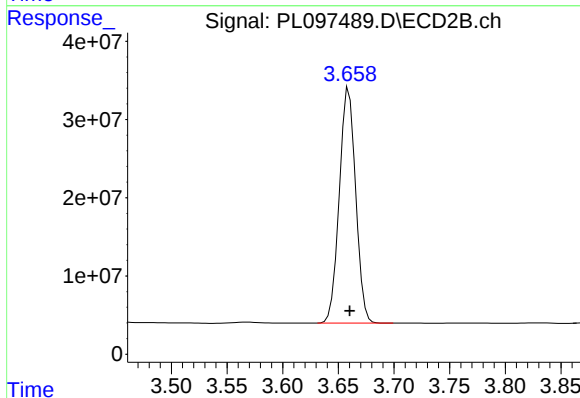
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 226237258
Conc: 34.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

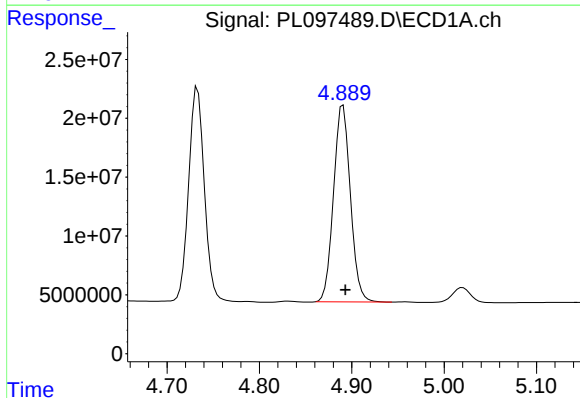
Manual Integrations
APPROVED

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



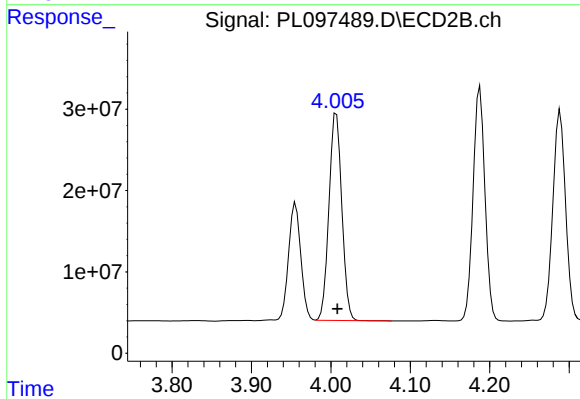
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 307485232
Conc: 33.01 ng/ml



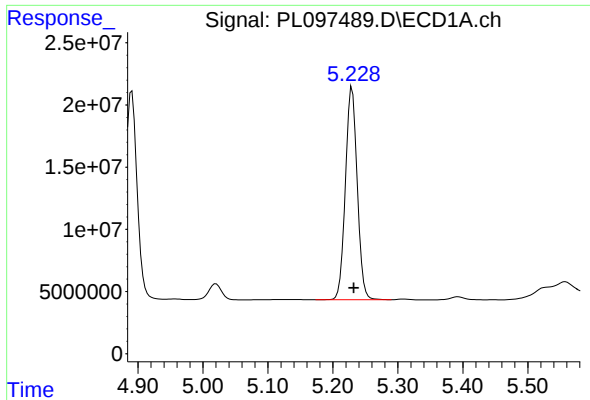
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.003 min
Response: 212052859
Conc: 31.79 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 285656555
Conc: 30.70 ng/ml



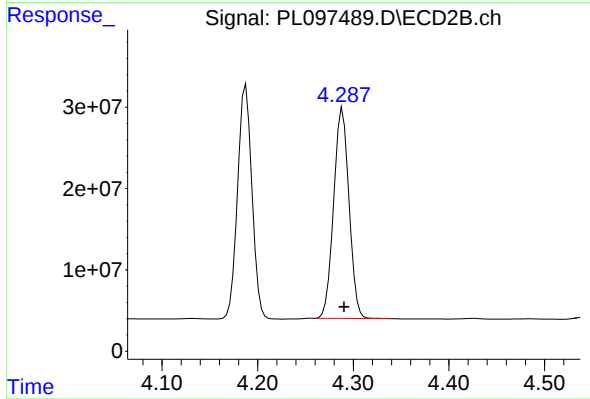
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 216340764
Conc: 34.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

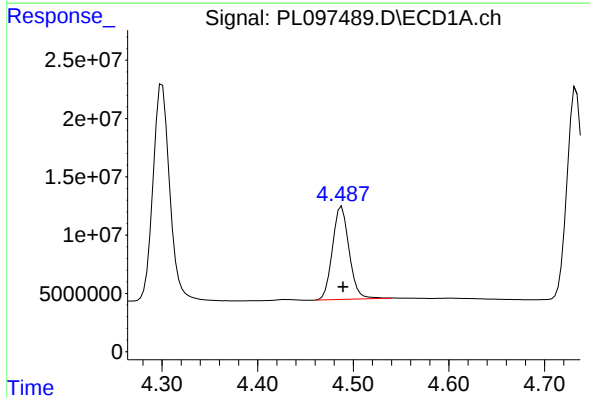
Manual Integrations
APPROVED

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



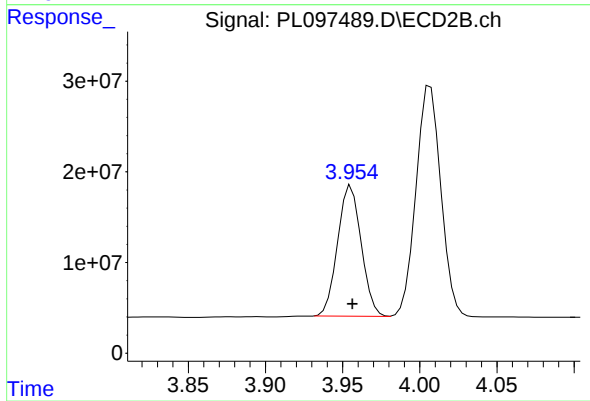
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.002 min
Response: 288224406
Conc: 33.21 ng/ml



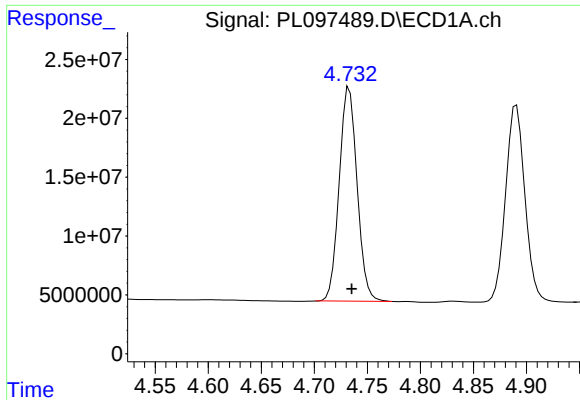
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 96440192
Conc: 35.38 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 153505510
Conc: 37.79 ng/ml



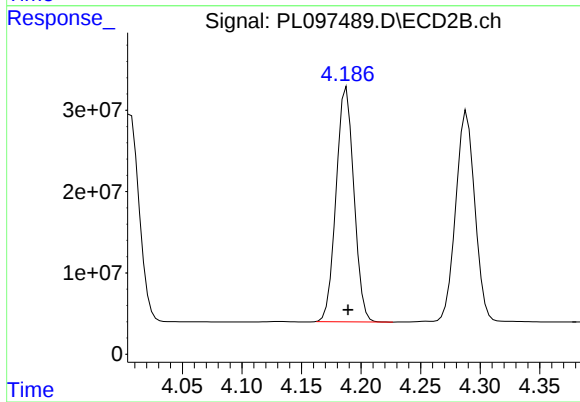
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.004 min
Response: 213126969
Conc: 35.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

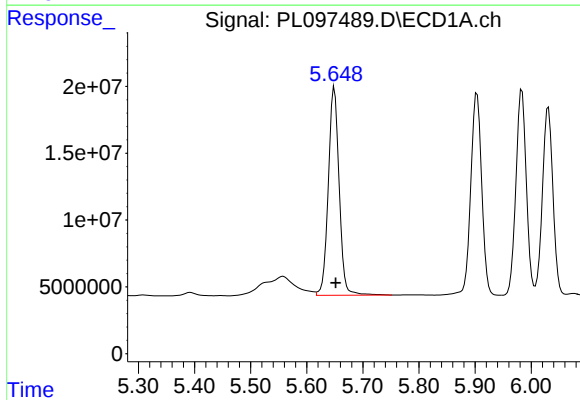
Manual Integrations
APPROVED

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



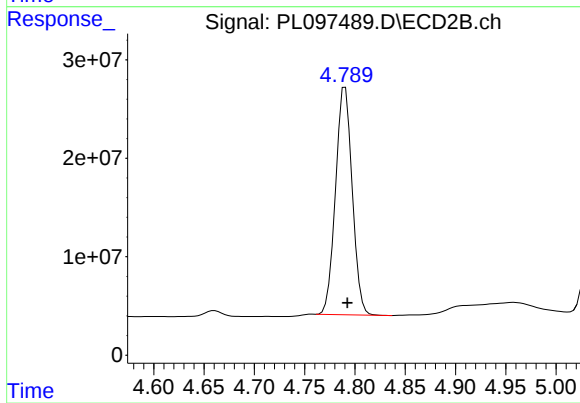
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 299141915
Conc: 32.54 ng/ml



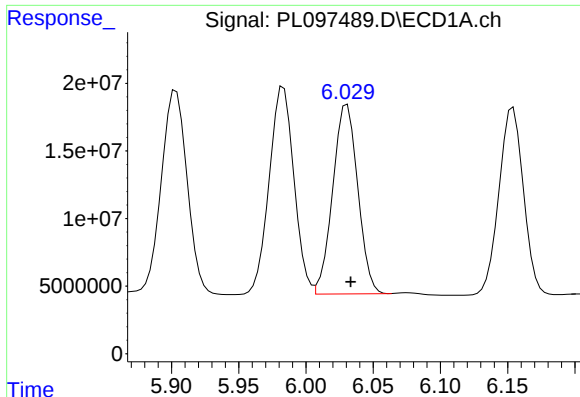
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 209446943
Conc: 36.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: -0.002 min
Response: 266382441
Conc: 33.59 ng/ml



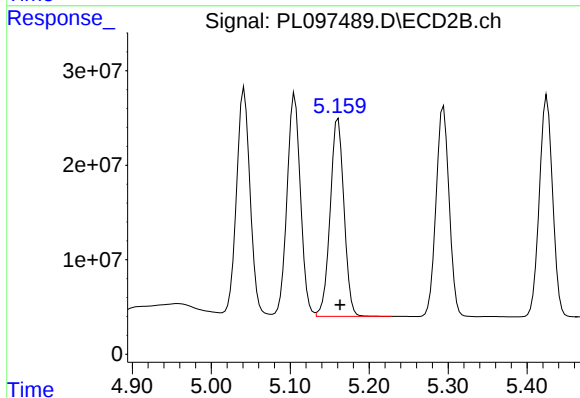
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 180814373
Conc: 34.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

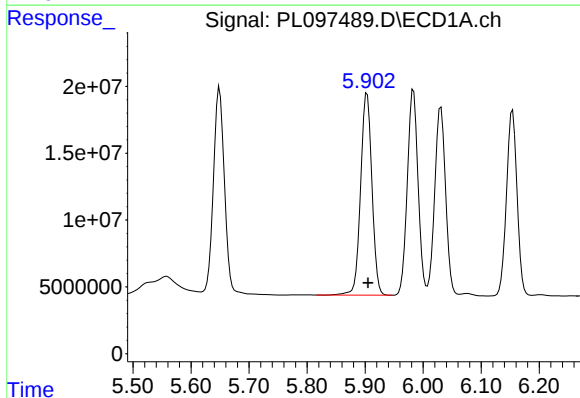
Manual Integrations
APPROVED

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



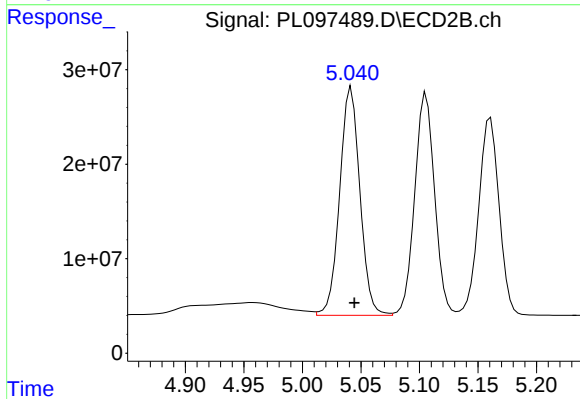
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 255425721
Conc: 33.24 ng/ml



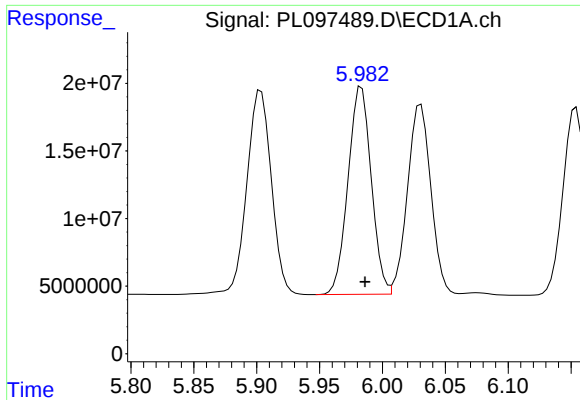
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 205354869
Conc: 36.32 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.003 min
Response: 290491662
Conc: 33.26 ng/ml



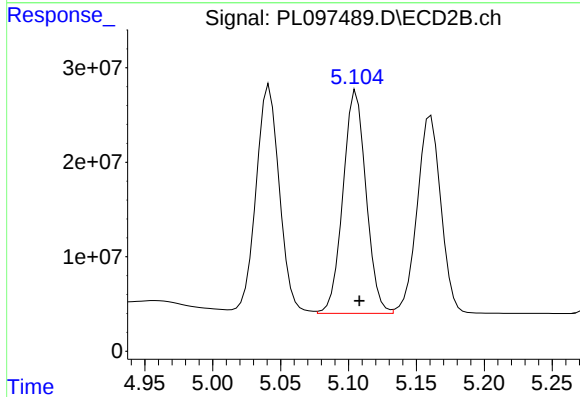
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.003 min
Response: 197327699
Conc: 34.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

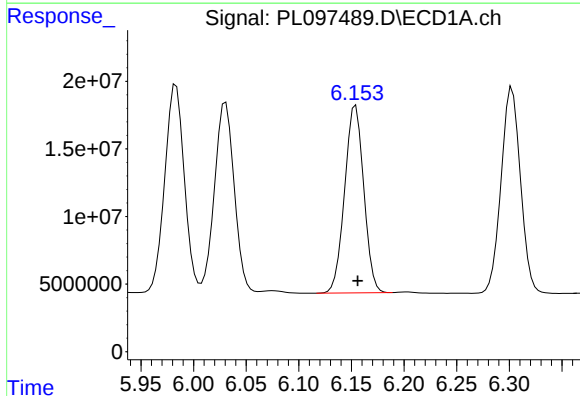
Manual Integrations
APPROVED

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



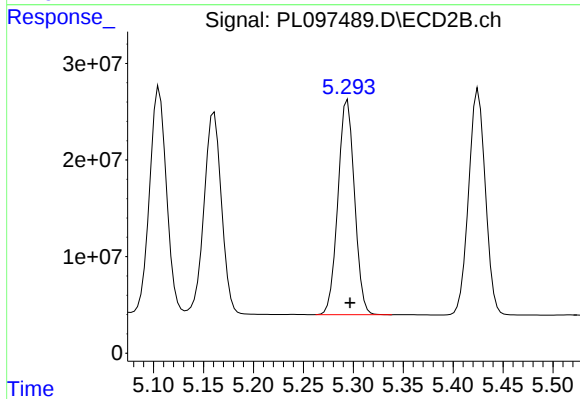
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 278725662
Conc: 33.58 ng/ml



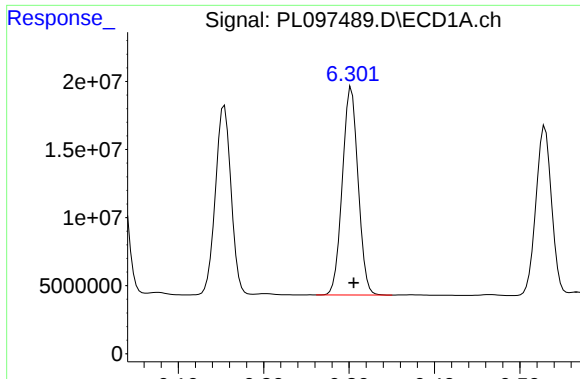
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 175887334
Conc: 36.91 ng/ml



#12 4,4'-DDE

R.T.: 5.294 min
Delta R.T.: -0.003 min
Response: 256798889
Conc: 33.42 ng/ml



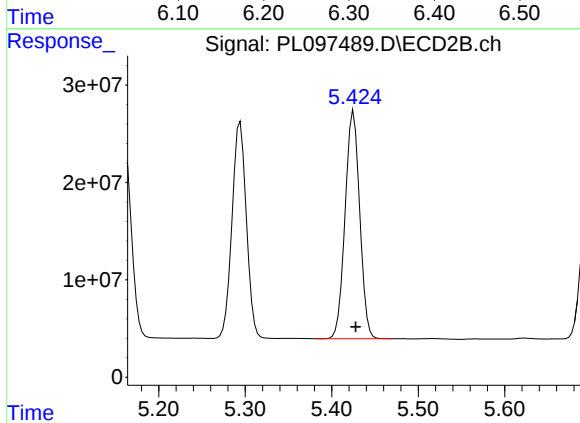
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 195786819
Conc: 35.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

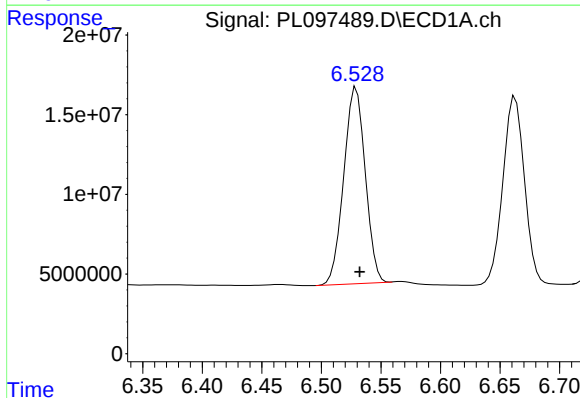
Manual Integrations
APPROVED

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



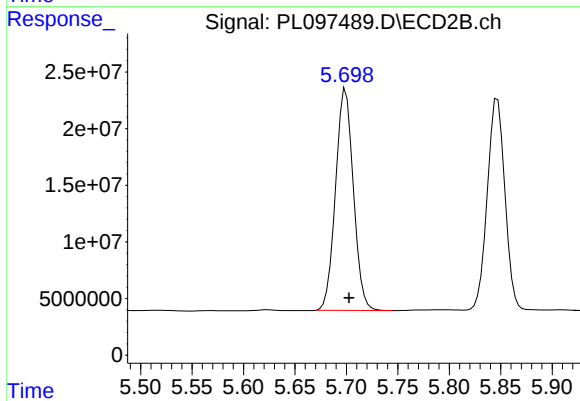
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.002 min
Response: 272911777
Conc: 33.38 ng/ml



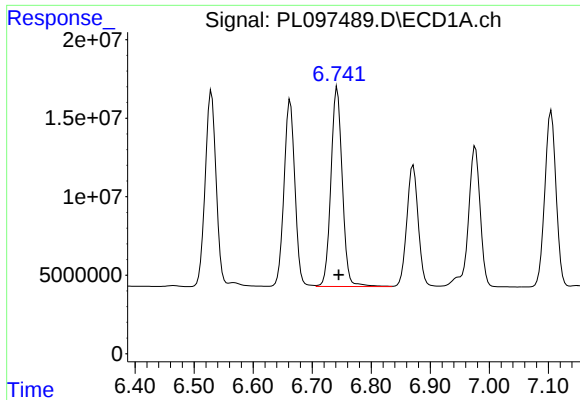
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 155050731
Conc: 33.61 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 235840886
Conc: 31.40 ng/ml



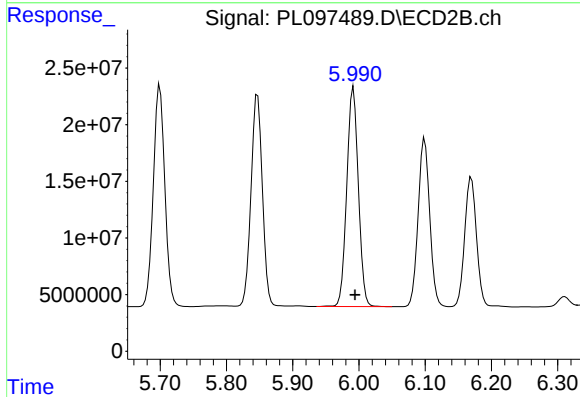
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 169972943
Conc: 34.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

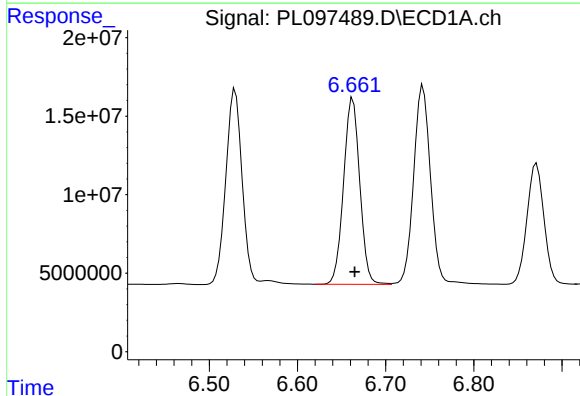
Manual Integrations
APPROVED

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



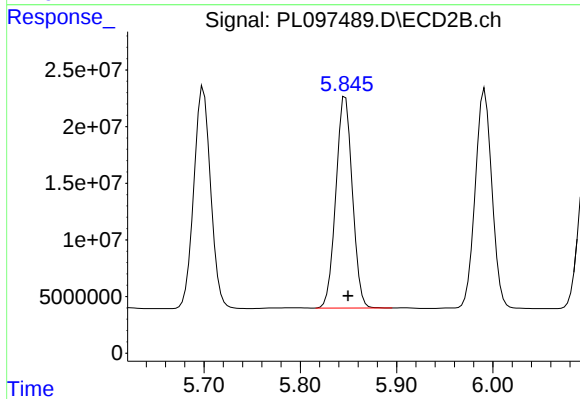
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.003 min
Response: 235271407
Conc: 33.09 ng/ml



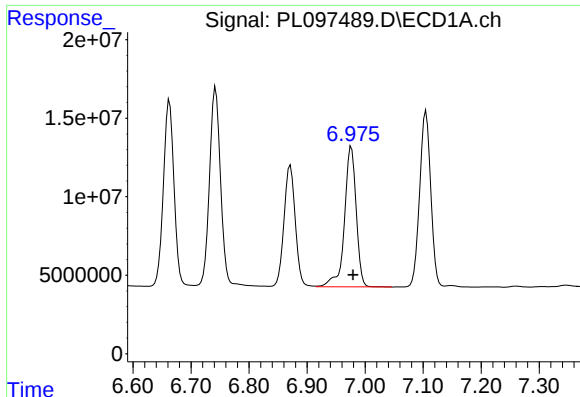
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 151121110
Conc: 40.08 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.003 min
Response: 222078301
Conc: 34.44 ng/ml



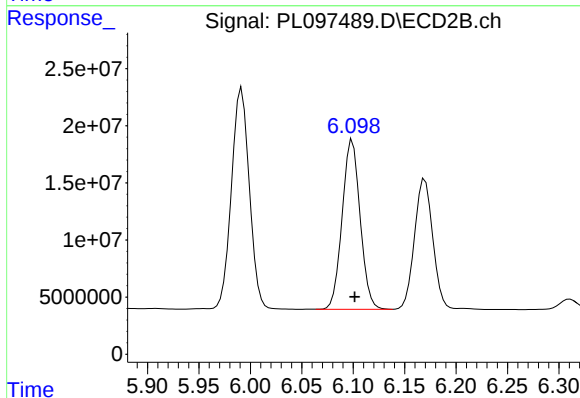
#17 4,4'-DDT

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 125003343
Conc: 29.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

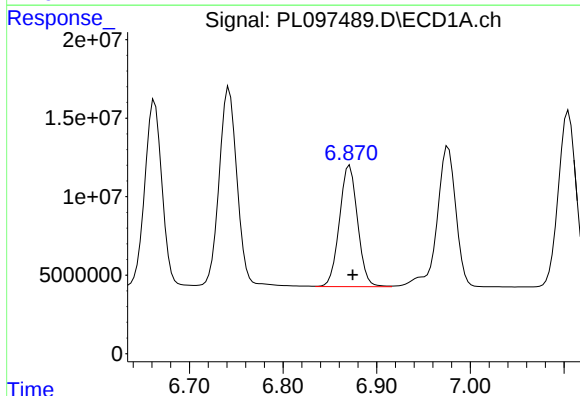
Manual Integrations
APPROVED

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



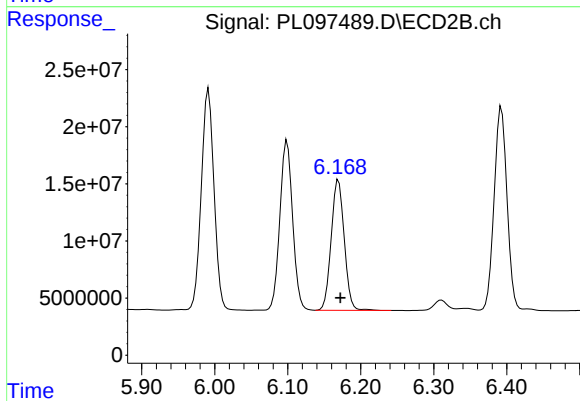
#17 4,4'-DDT

R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 180627298
Conc: 26.10 ng/ml



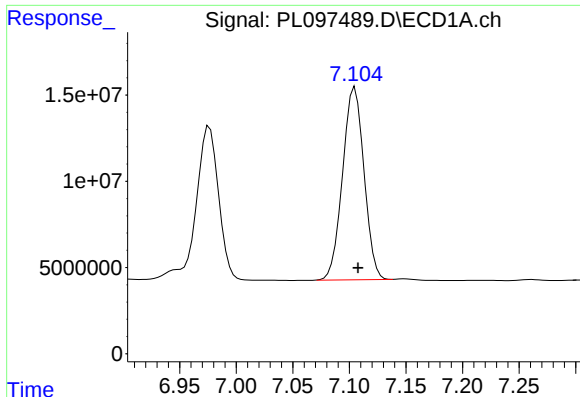
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 104031121
Conc: 33.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.003 min
Response: 142444383
Conc: 26.69 ng/ml



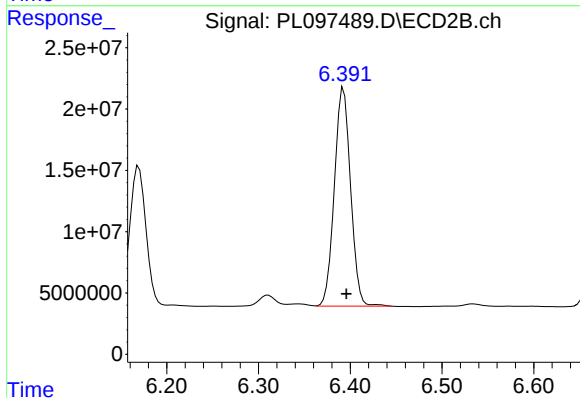
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 147188116
Conc: 36.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

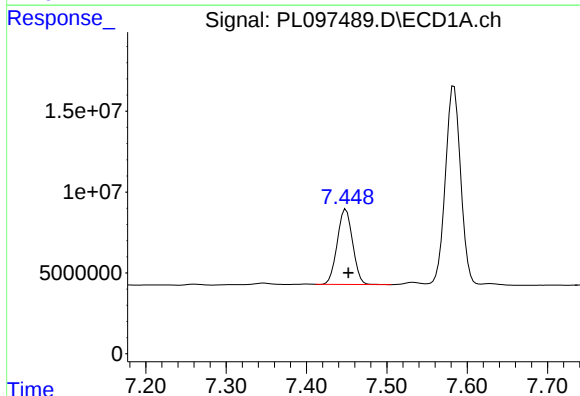
Manual Integrations
APPROVED

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



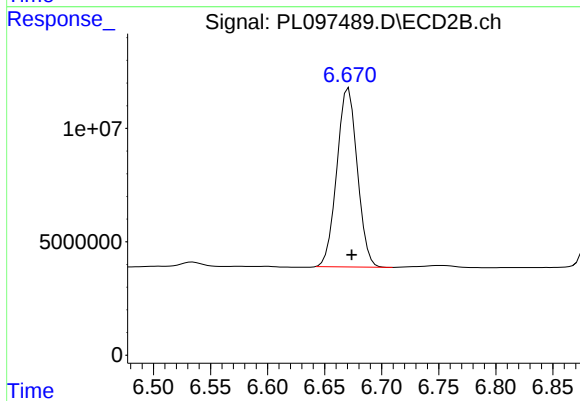
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 219302339
Conc: 32.02 ng/ml



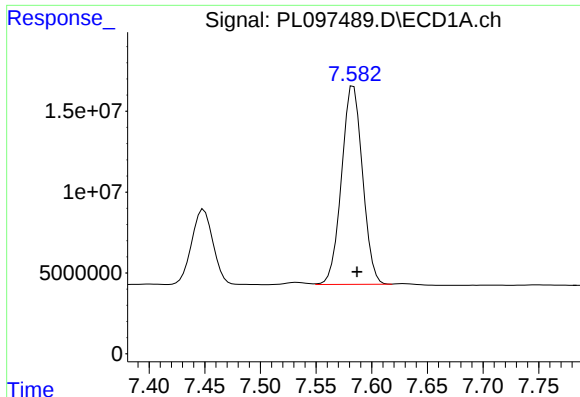
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 61913036
Conc: 29.69 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 98392167
Conc: 26.10 ng/ml



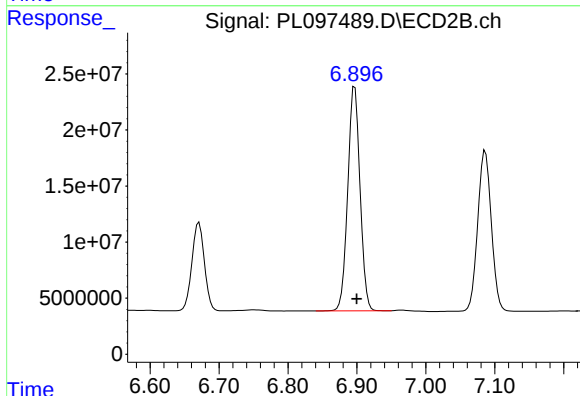
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: -0.003 min
Response: 161070461
Conc: 37.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

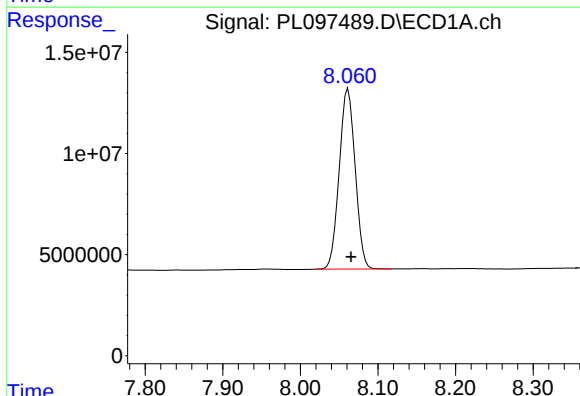
Manual Integrations
APPROVED

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



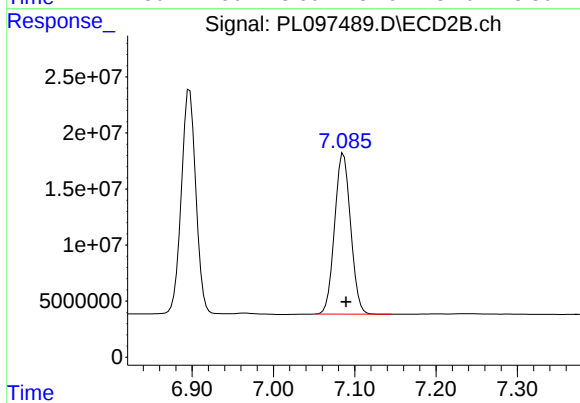
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.003 min
Response: 247951494
Conc: 32.93 ng/ml



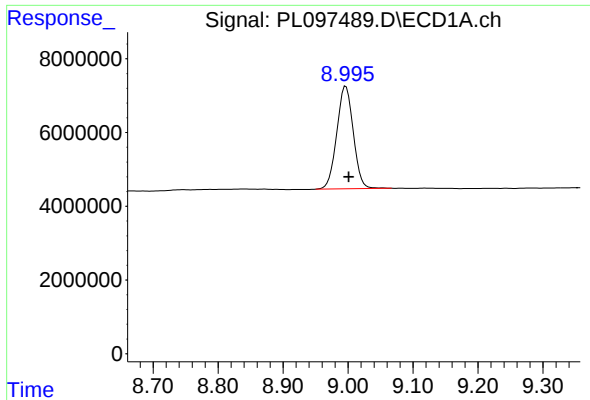
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.004 min
Response: 127462283
Conc: 35.90 ng/ml



#22 Mirex

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 196014992
Conc: 32.79 ng/ml



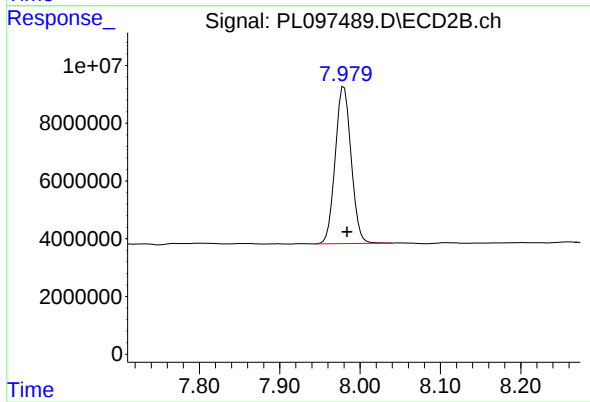
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.004 min
Response: 49193152
Conc: 15.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 74937181
Conc: 13.17 ng/ml