

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
 Data File : PL097451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2025 17:19
 Operator : AR\AJ
 Sample : PB169889BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169889BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 02:23:51 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...	3.526	2.823	82355659	118.3E6	18.191	17.987
28)	SA Decachlor...	8.999	7.982	66773235	104.9E6	20.406	18.438
Target Compounds							
2)	A alpha-BHC	3.973	3.328	327.5E6	464.8E6	46.863	46.682
3)	MA gamma-BHC...	4.300	3.659	304.2E6	426.7E6	46.005	45.810
4)	MA Heptachlor	4.891	4.007	286.9E6	398.1E6	43.016	42.778
5)	MB Aldrin	5.230	4.289	291.1E6	403.6E6	45.954	46.501
6)	B beta-BHC	4.488	3.956	125.0E6	177.2E6	45.839	43.622
7)	B delta-BHC	4.732	4.188	290.2E6	417.2E6	47.820m	45.383
8)	B Heptachlo...	5.650	4.791	272.1E6	373.0E6	47.351	47.030
9)	A Endosulfan I	6.031	5.162	243.0E6	345.4E6	46.905	44.956
10)	B gamma-Chl...	5.902	5.043	273.2E6	400.1E6	48.320m	45.810
11)	B alpha-Chl...	5.984	5.107	264.2E6	382.5E6	46.515	46.083
12)	B 4,4'-DDE	6.154	5.295	233.1E6	355.2E6	48.928	46.227
13)	MA Dieldrin	6.303	5.426	258.8E6	383.8E6	47.205	46.943
14)	MA Endrin	6.529	5.700	216.3E6	363.6E6	46.884	48.409
15)	B Endosulfa...	6.743	5.992	225.4E6	323.3E6	45.823	45.477
16)	A 4,4'-DDD	6.663	5.847	196.1E6	299.6E6	52.004	46.454
17)	MA 4,4'-DDT	6.977	6.100	171.6E6	257.7E6	40.586	37.238
18)	B Endrin al...	6.872	6.170	162.9E6	239.3E6	52.852	44.828
19)	B Endosulfa...	7.105	6.394	198.9E6	309.6E6	48.720	45.195
20)	A Methoxychlor	7.450	6.672	83052784	137.5E6	39.826	36.479
21)	B Endrin ke...	7.585	6.898	211.9E6	343.0E6	49.918	45.552
22)	Mirex	8.063	7.088	147.8E6	240.7E6	41.619	40.254

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093025\
Data File : PL097451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2025 17:19
Operator : AR\AJ
Sample : PB169889BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

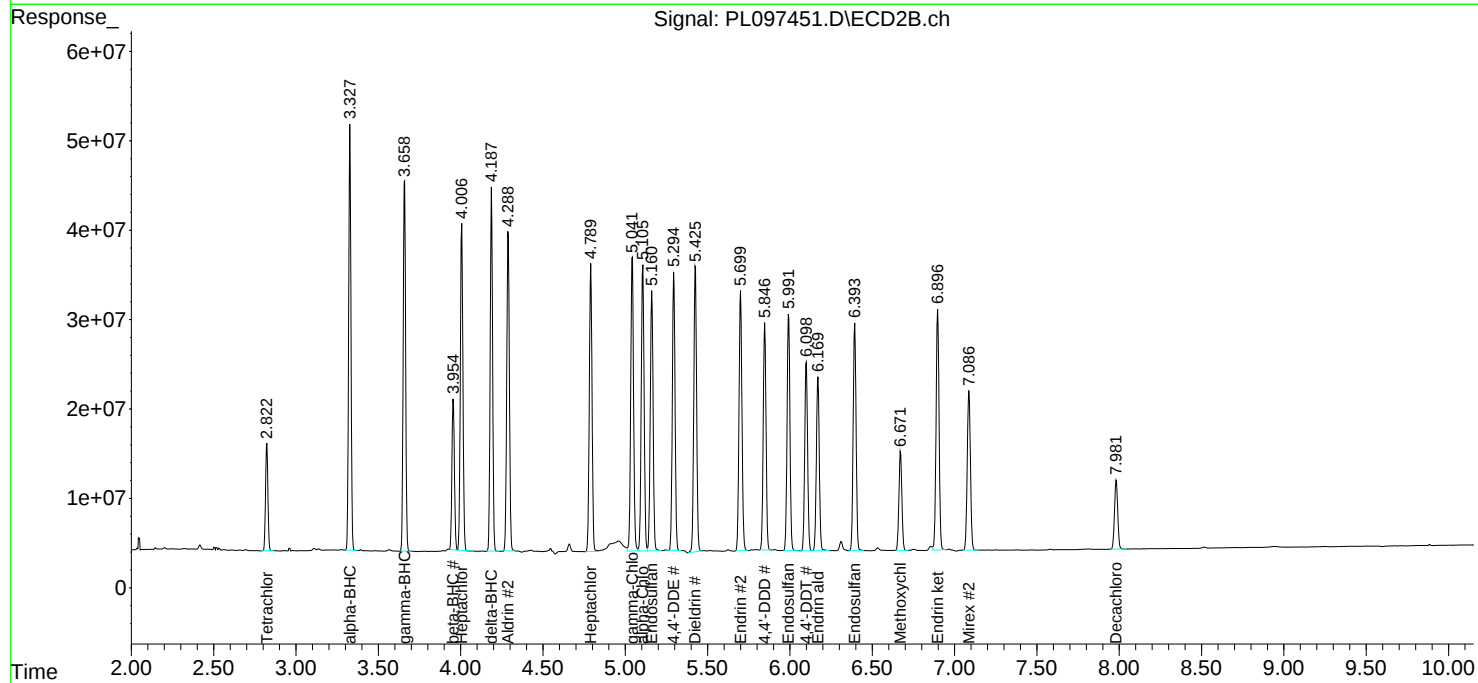
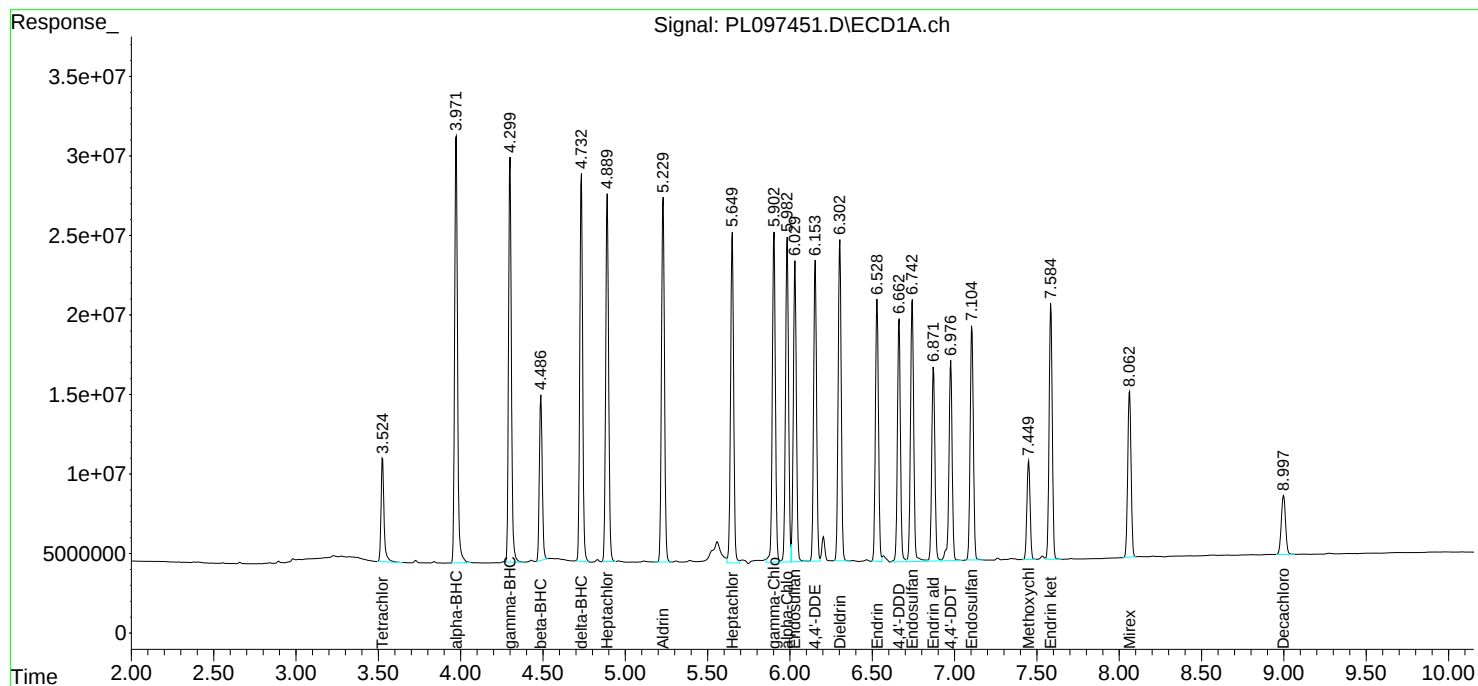
Instrument :
ECD_L
ClientSampleId :
PB169889BS

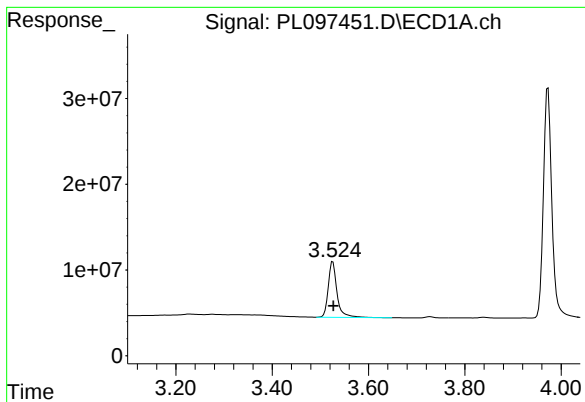
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 02:23:51 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





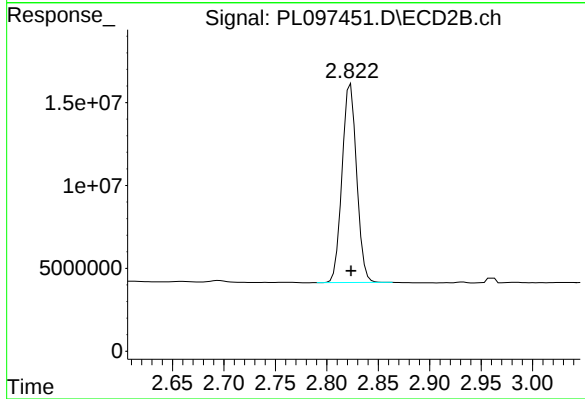
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.001 min
Response: 82355659
Conc: 18.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

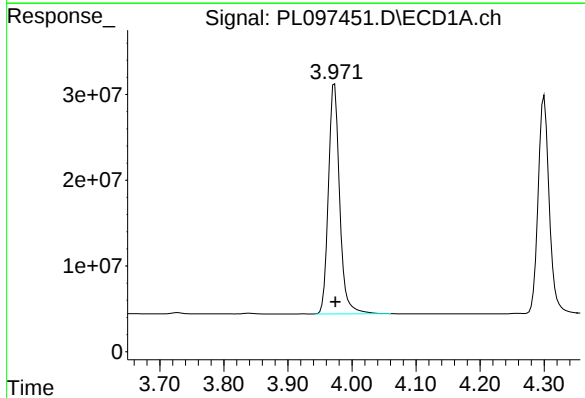
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



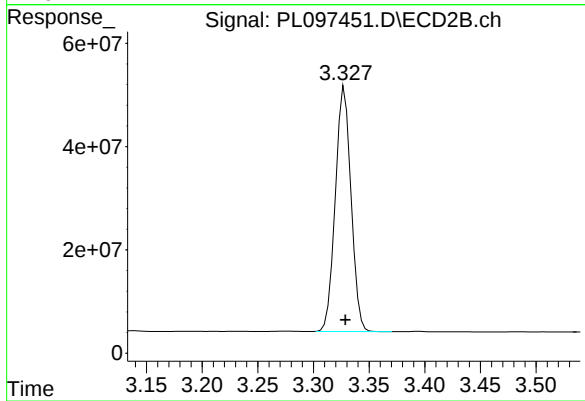
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.000 min
Response: 118276942
Conc: 17.99 ng/ml



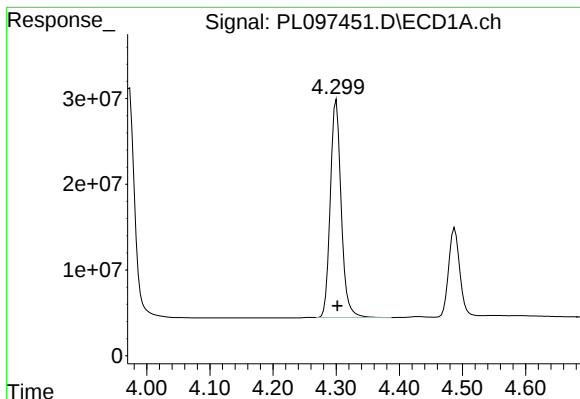
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 327452851
Conc: 46.86 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 464837921
Conc: 46.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 304234667
Conc: 46.00 ng/ml

Instrument :

ECD_L

ClientSampleId :

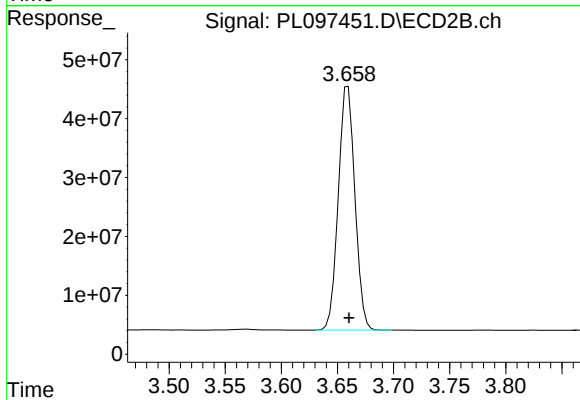
PB169889BS

Manual Integrations

APPROVED

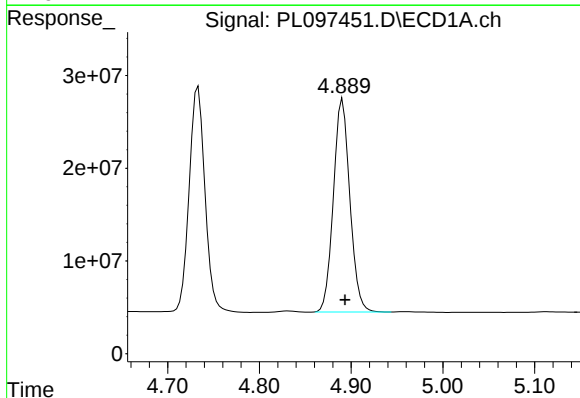
Reviewed By :Abdul Mirza 10/01/2025

Supervised By :mohammad ahmed 10/03/2025



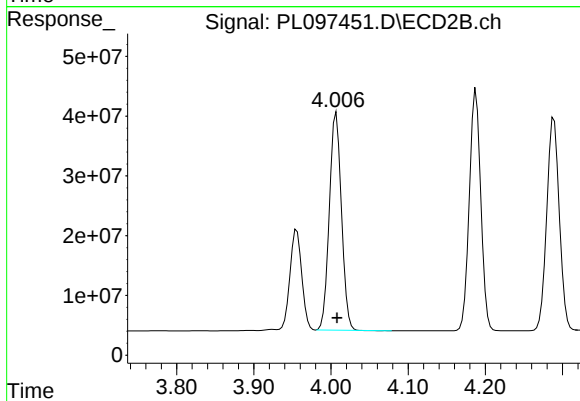
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.000 min
Response: 426706776
Conc: 45.81 ng/ml



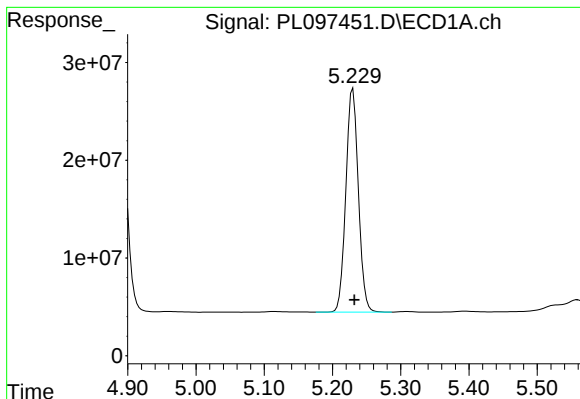
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 286920686
Conc: 43.02 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.001 min
Response: 398059546
Conc: 42.78 ng/ml



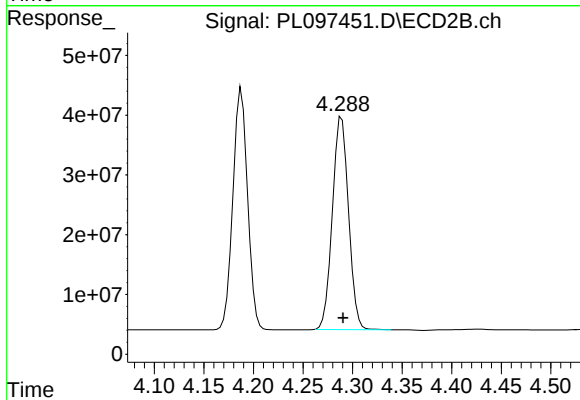
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 291066681
Conc: 45.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

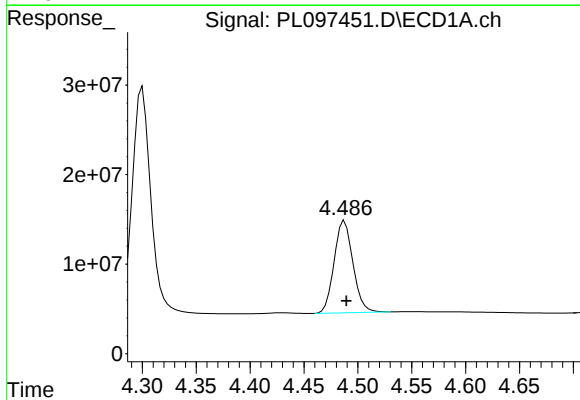
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



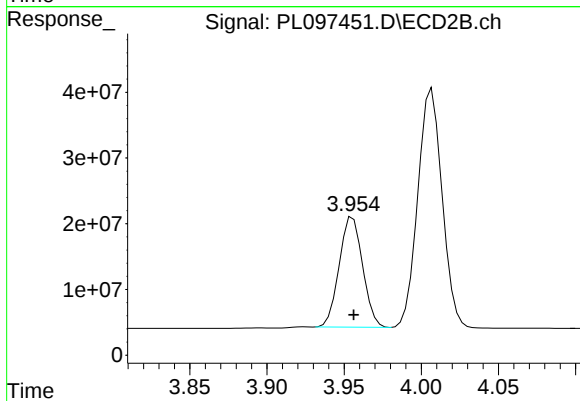
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.001 min
Response: 403598360
Conc: 46.50 ng/ml



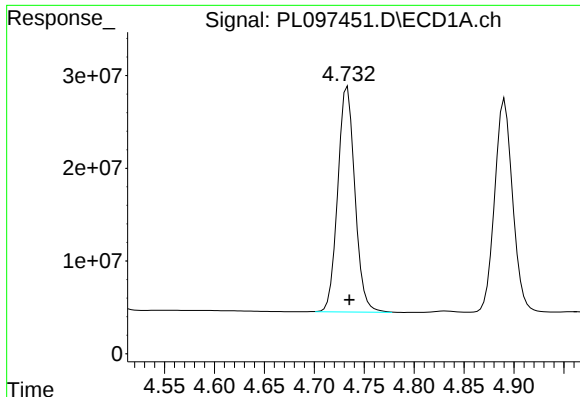
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 124966393
Conc: 45.84 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 177195360
Conc: 43.62 ng/ml



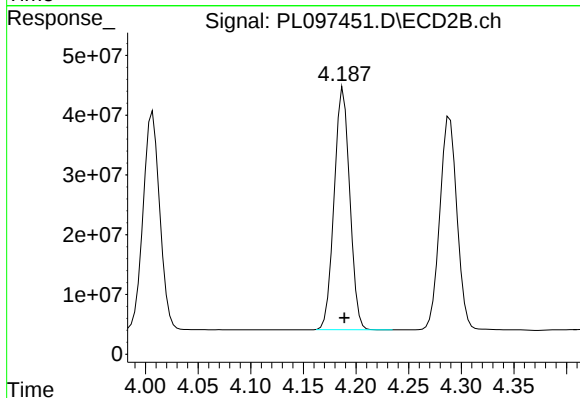
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 290187516
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

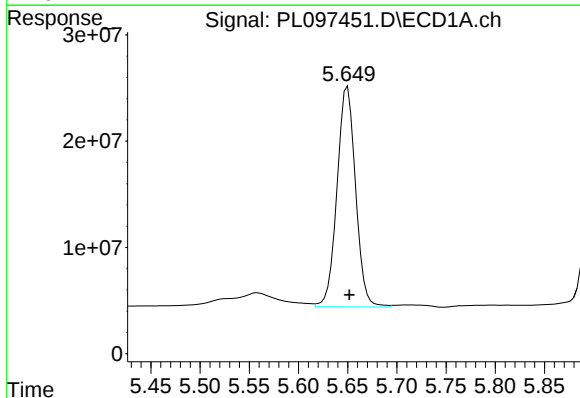
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



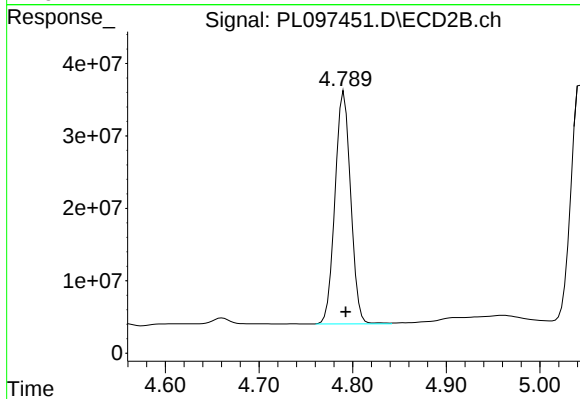
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.001 min
Response: 417176094
Conc: 45.38 ng/ml



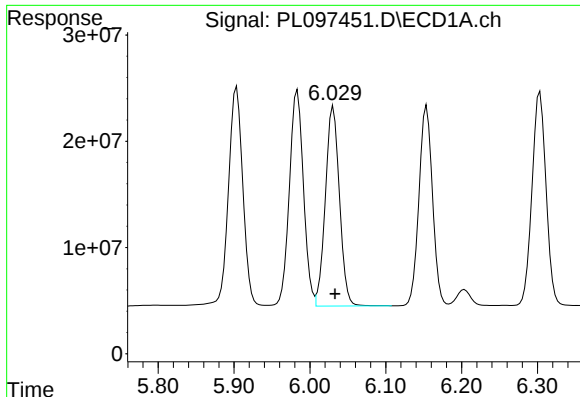
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 272121547
Conc: 47.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 373017280
Conc: 47.03 ng/ml



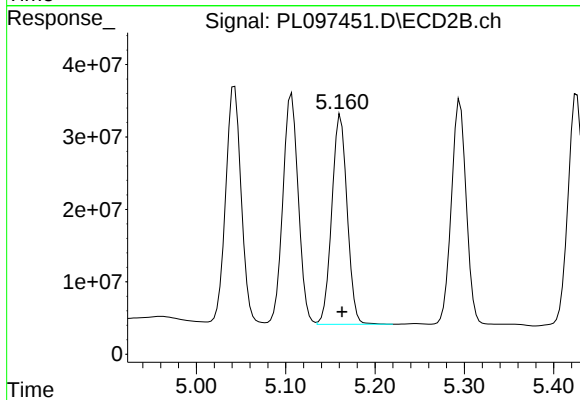
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 243032056
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

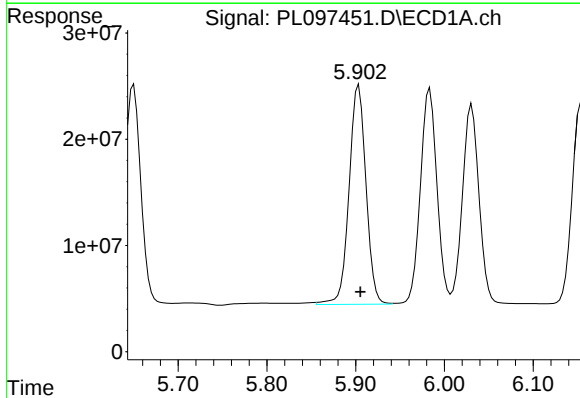
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



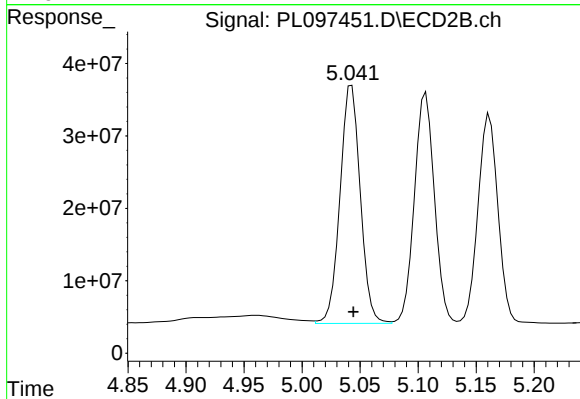
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.002 min
Response: 345425471
Conc: 44.96 ng/ml



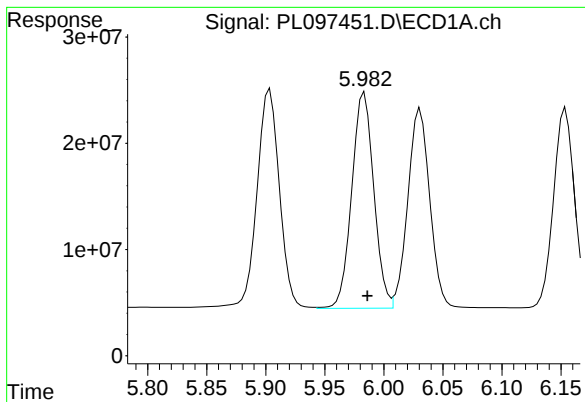
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 273180042
Conc: 48.32 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 400096073
Conc: 45.81 ng/ml



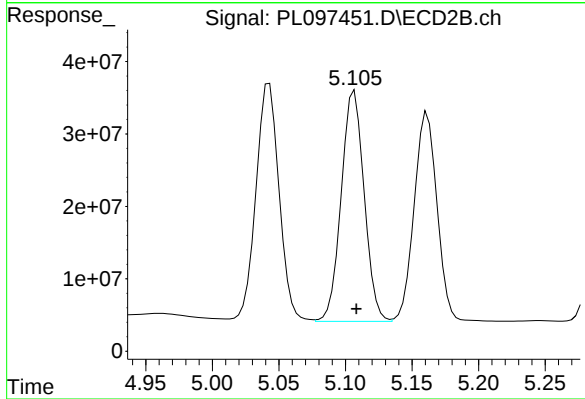
#11 alpha-Chlordane

R.T.: 5.984 min
Delta R.T.: -0.003 min
Response: 264199446
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

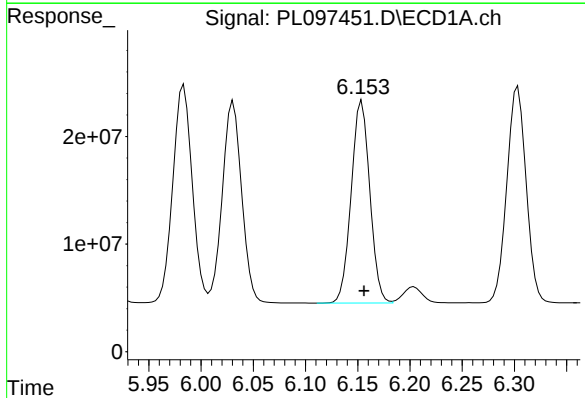
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



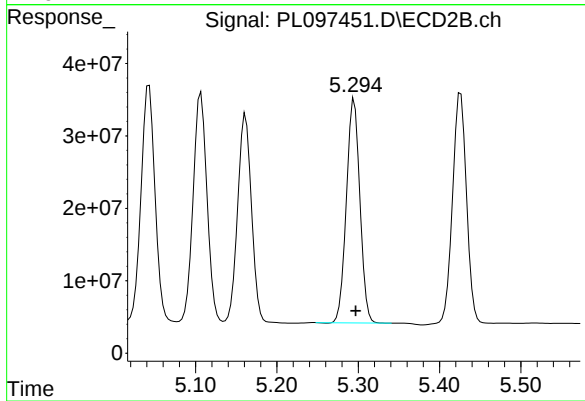
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 382507992
Conc: 46.08 ng/ml



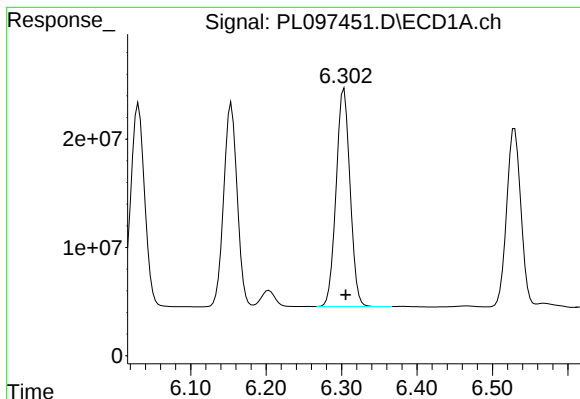
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.002 min
Response: 233126219
Conc: 48.93 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 355240650
Conc: 46.23 ng/ml



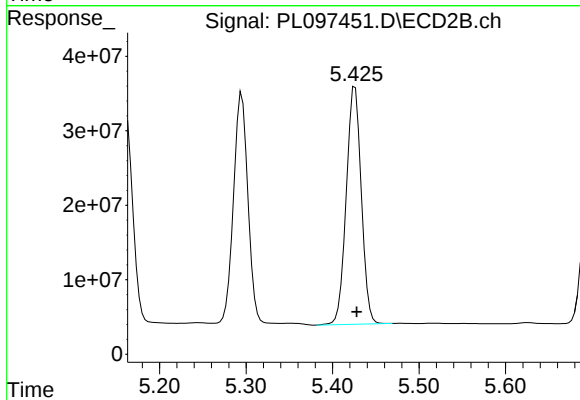
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 258787159
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

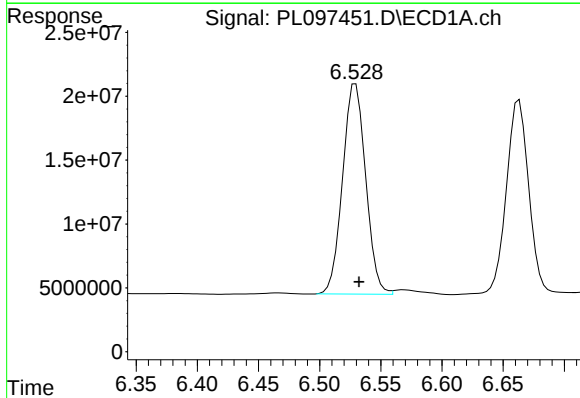
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



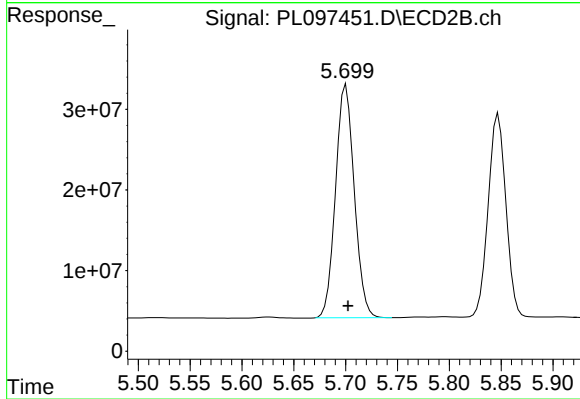
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 383842910
Conc: 46.94 ng/ml



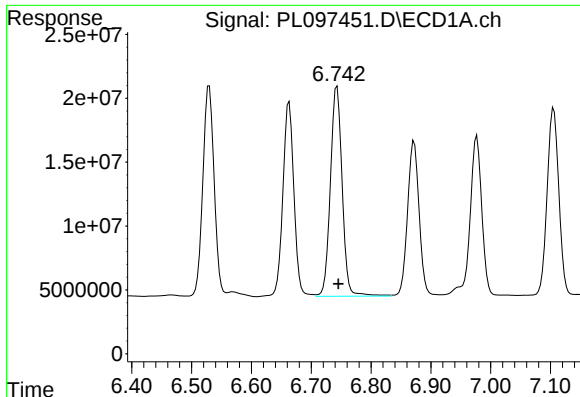
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 216280420
Conc: 46.88 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 363579421
Conc: 48.41 ng/ml



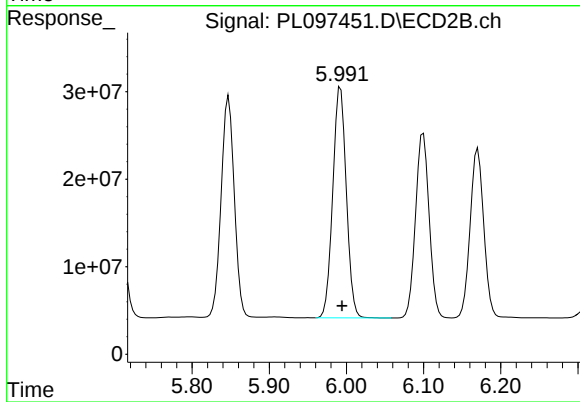
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 225374433
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

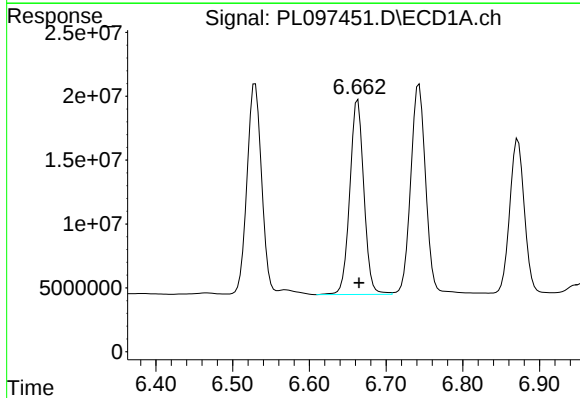
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



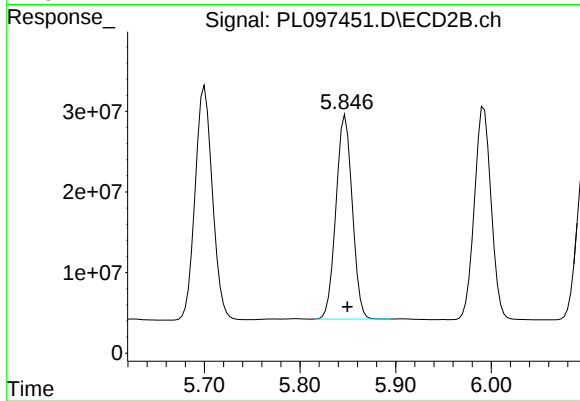
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 323309137
Conc: 45.48 ng/ml



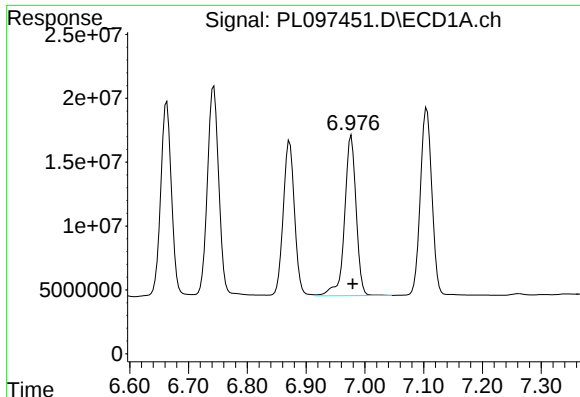
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 196082838
Conc: 52.00 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.002 min
Response: 299586530
Conc: 46.45 ng/ml



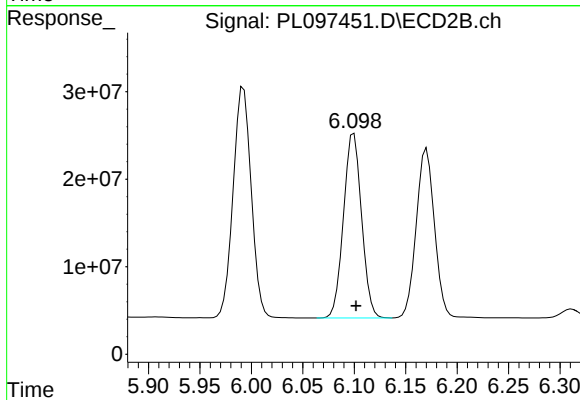
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 171566594
Conc: 40.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

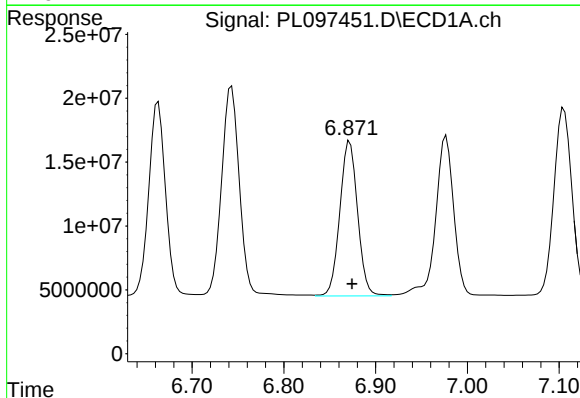
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



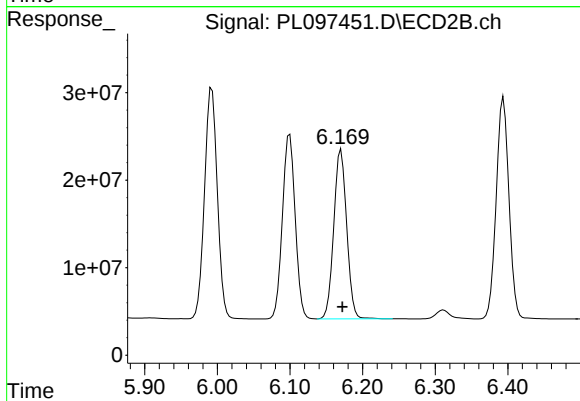
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 257706364
Conc: 37.24 ng/ml



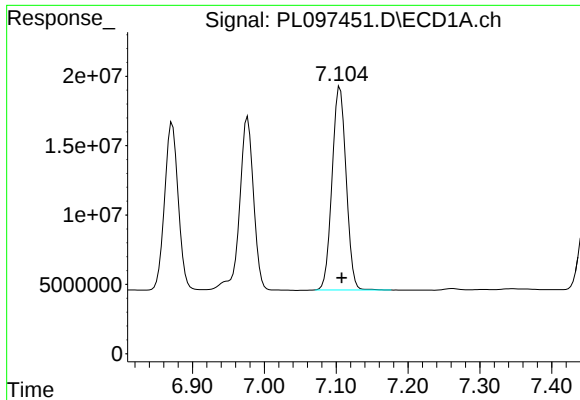
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.002 min
Response: 162932034
Conc: 52.85 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 239264299
Conc: 44.83 ng/ml



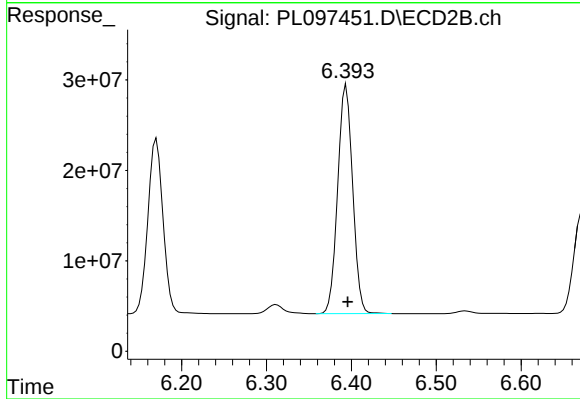
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 198912286
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

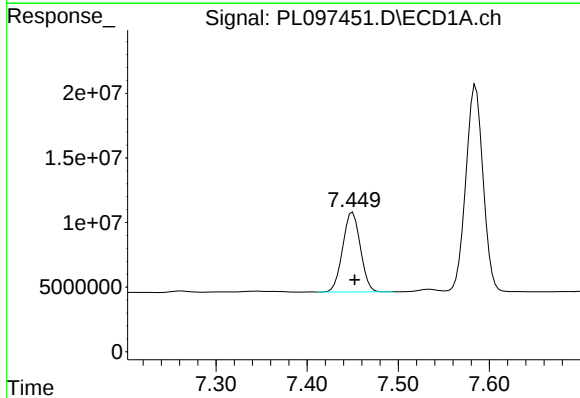
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



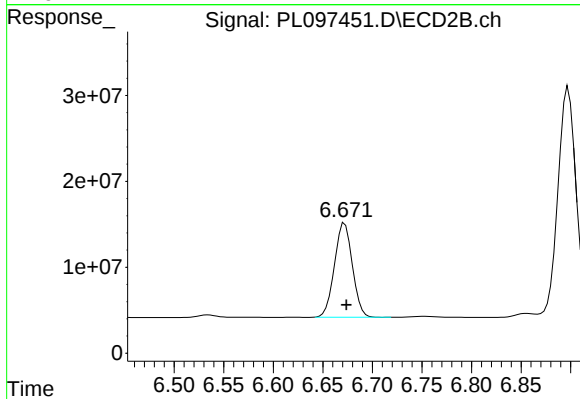
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 309578805
Conc: 45.20 ng/ml



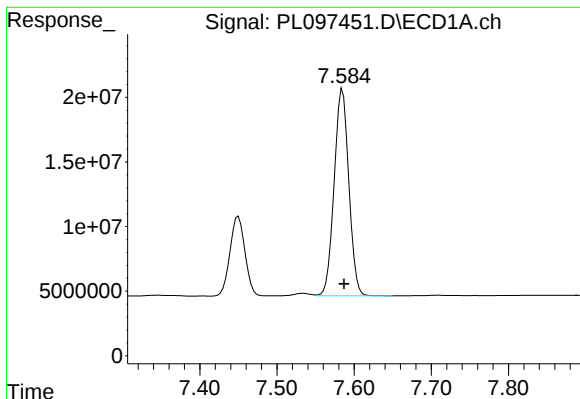
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 83052784
Conc: 39.83 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 137506252
Conc: 36.48 ng/ml



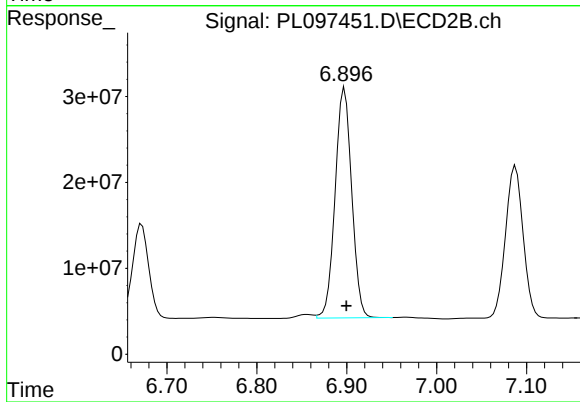
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 211868271
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

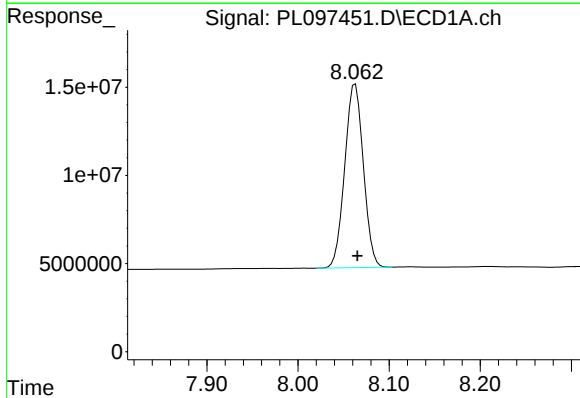
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



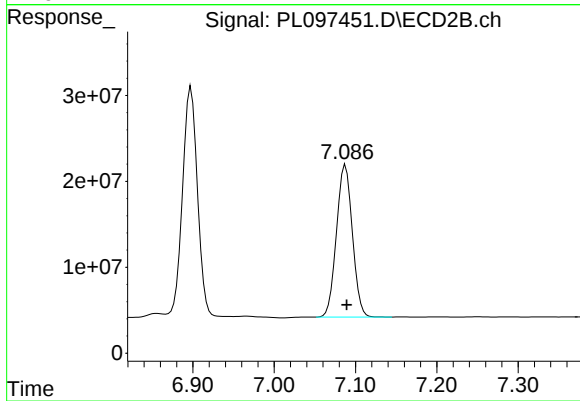
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.002 min
Response: 343019605
Conc: 45.55 ng/ml



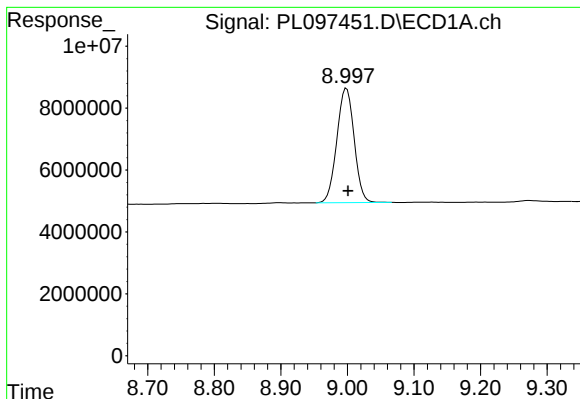
#22 Mirex

R.T.: 8.063 min
Delta R.T.: -0.002 min
Response: 147759663
Conc: 41.62 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 240668691
Conc: 40.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.999 min

Delta R.T.: -0.002 min

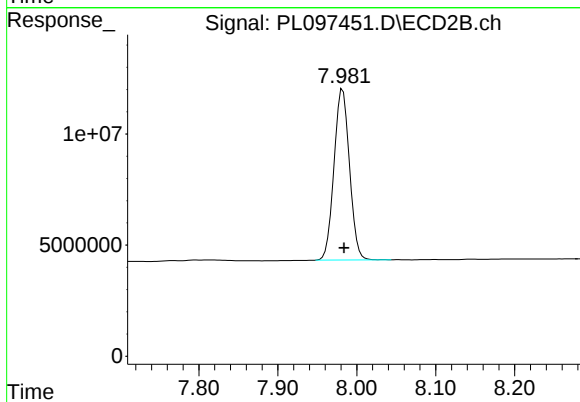
Response: 66773235

Conc: 20.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169889BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2025
Supervised By :mohammad ahmed 10/03/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min

Delta R.T.: -0.002 min

Response: 104942626

Conc: 18.44 ng/ml