

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092125\
 Data File : PL097302.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2025 14:00
 Operator : AR\AJ
 Sample : Q3133-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-222MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/22/2025
 Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:19:06 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	2.825	70243716	106.4E6	15.516m	16.182
28)	SA Decachlor...	9.001	7.983	48381889	83617343	14.786	14.691m
Target Compounds							
2)	A alpha-BHC	3.974	3.329	280.9E6	408.8E6	40.201	41.058
3)	MA gamma-BHC...	4.302	3.661	263.9E6	380.2E6	39.902	40.819
4)	MA Heptachlor	4.892	4.008	296.9E6	377.1E6	44.507m	40.528
5)	MB Aldrin	5.231	4.290	352.8E6	348.5E6	55.695	40.154m#
6)	B beta-BHC	4.490	3.957	106.9E6	158.3E6	39.198	38.976
7)	B delta-BHC	4.734	4.190	240.5E6	363.3E6	39.631m	39.519
8)	B Heptachlo...	5.652	4.793	360.0E6	407.7E6	62.635	51.401
9)	A Endosulfan I	6.033	5.164	232.4E6	288.7E6	44.858	37.578
10)	B gamma-Chl...	5.906	5.045	337.7E6	504.2E6	59.741	57.734
11)	B alpha-Chl...	5.986	5.109	534.4E6	663.9E6	94.085	79.987
12)	B 4,4'-DDE	6.156	5.297	235.3E6	340.8E6	49.386	44.343
13)	MA Dieldrin	6.305	5.428	215.7E6	331.0E6	39.343	40.477
14)	MA Endrin	6.532	5.703	184.6E6	289.7E6	40.009	38.569
15)	B Endosulfa...	6.745	5.996	205.3E6	347.8E6	41.743	48.926
16)	A 4,4'-DDD	6.665	5.850	159.7E6	224.9E6	42.355	34.876
17)	MA 4,4'-DDT	6.979	6.102	202.9E6	319.6E6	48.007	46.182
18)	B Endrin al...	6.874	6.173	134.1E6	208.8E6	43.500	39.127
19)	B Endosulfa...	7.108	6.396	165.6E6	245.5E6	40.555	35.834
20)	A Methoxychlor	7.453	6.675	86246606	140.7E6	41.358	37.324
21)	B Endrin ke...	7.587	6.901	167.1E6	260.2E6	39.381	34.560
22)	Mirex	8.065	7.090	132.6E6	206.0E6	37.338	34.463

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092125\
Data File : PL097302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Sep 2025 14:00
Operator : AR\AJ
Sample : Q3133-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

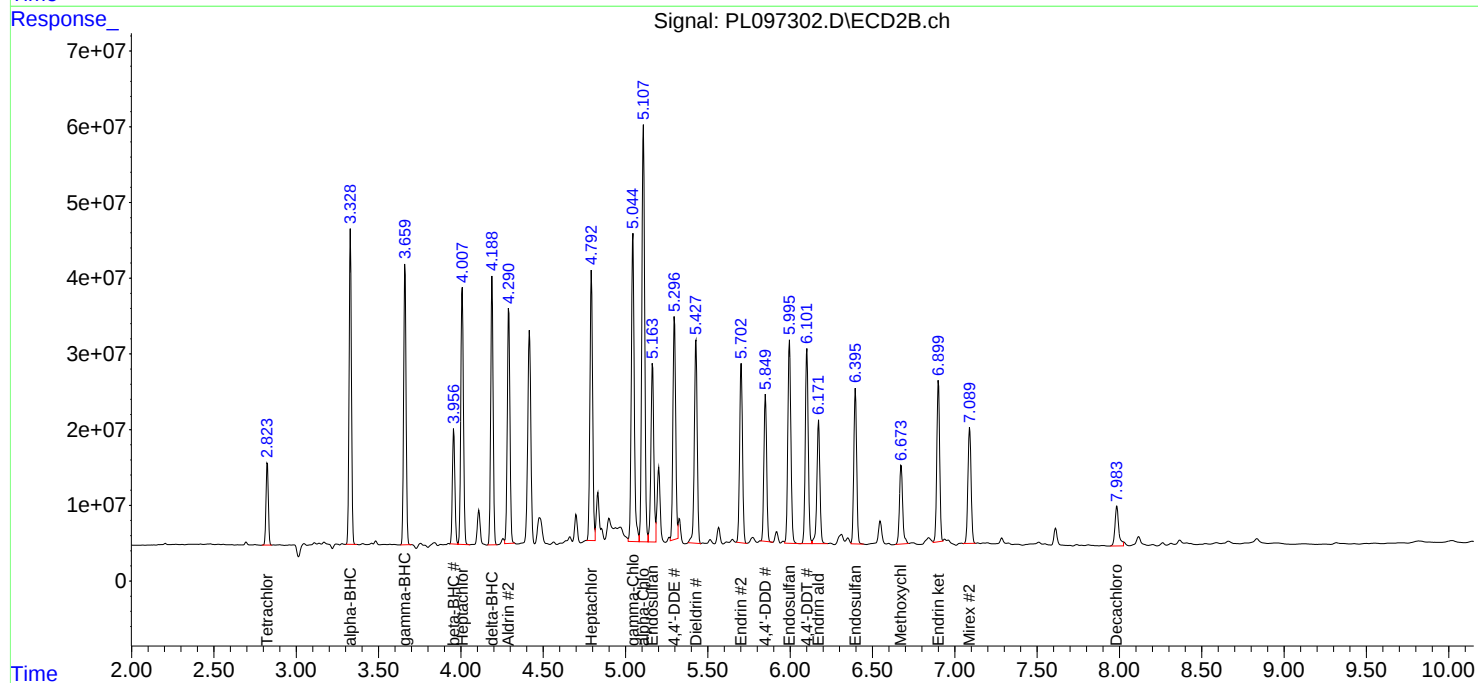
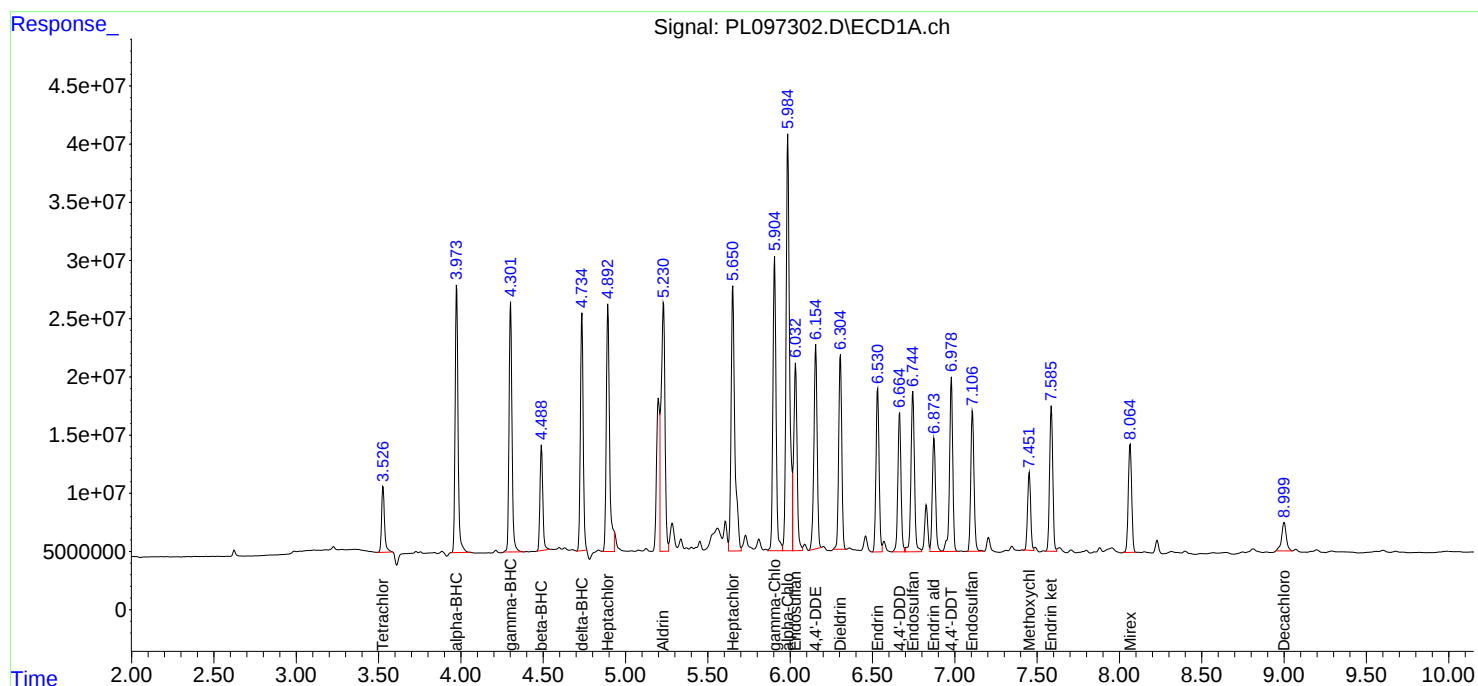
Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

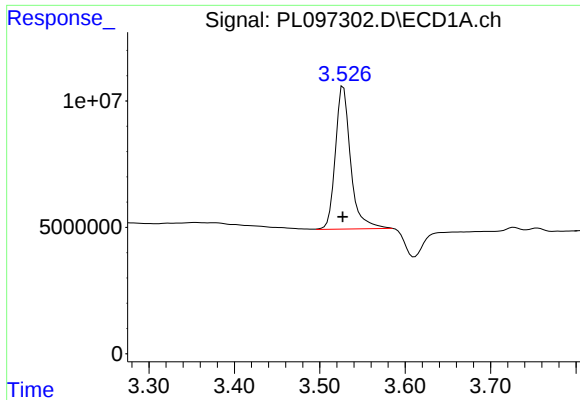
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 20 01:19:06 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





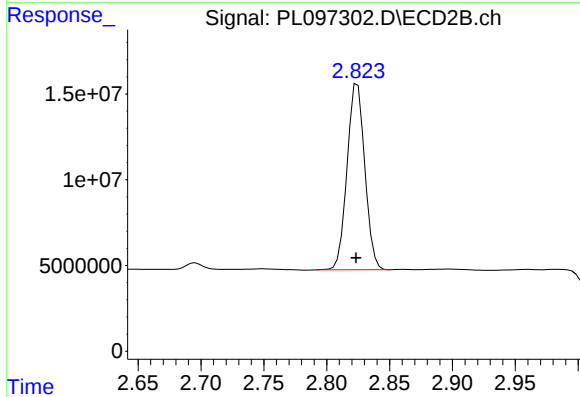
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 70243716
Conc: 15.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

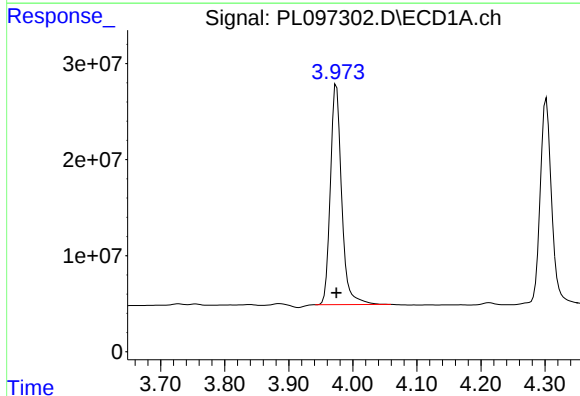
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



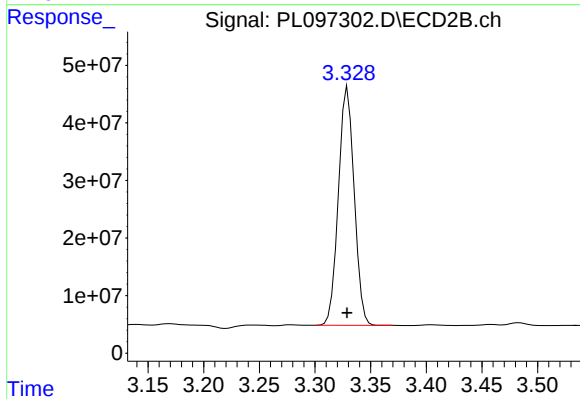
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: 0.001 min
Response: 106407137
Conc: 16.18 ng/ml



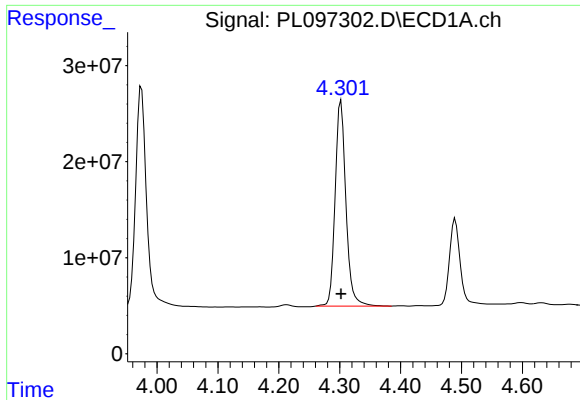
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 280904845
Conc: 40.20 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 408837292
Conc: 41.06 ng/ml



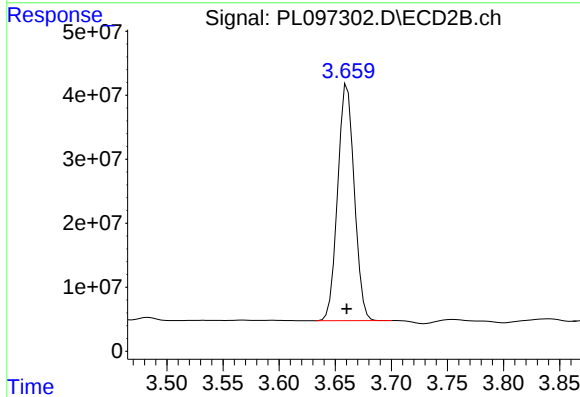
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: 0.000 min
Response: 263877599
Conc: 39.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

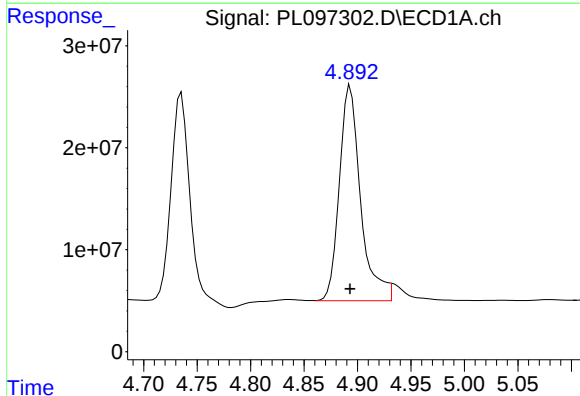
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



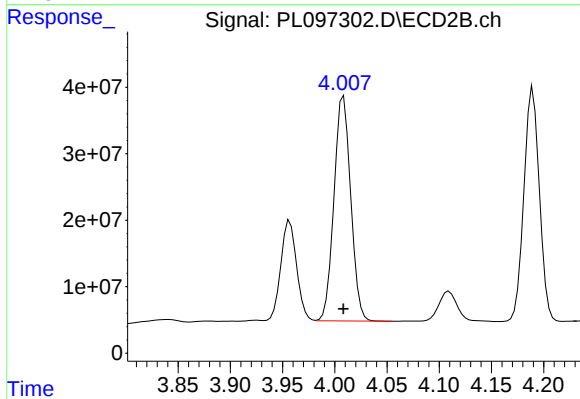
#3 gamma-BHC (Lindane)

R.T.: 3.661 min
Delta R.T.: 0.000 min
Response: 380212634
Conc: 40.82 ng/ml



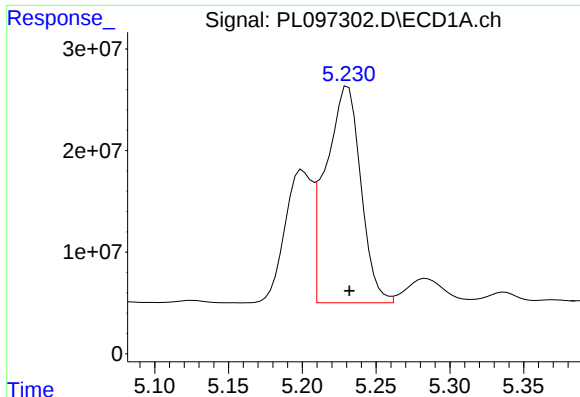
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 296864571
Conc: 44.51 ng/ml m



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 377120910
Conc: 40.53 ng/ml



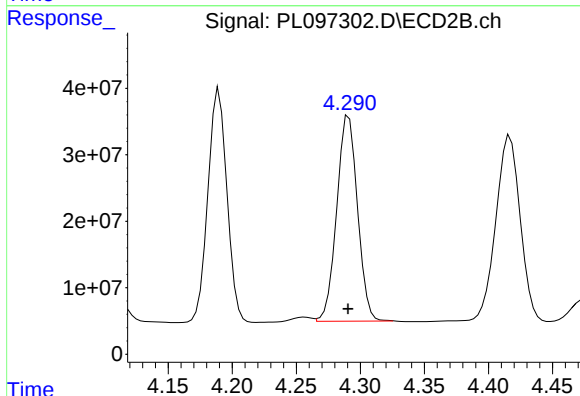
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 352762151
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

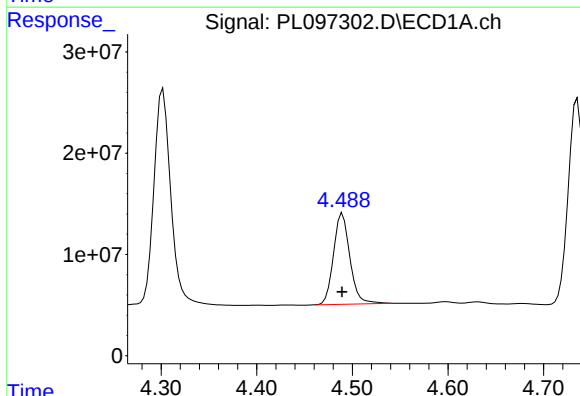
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



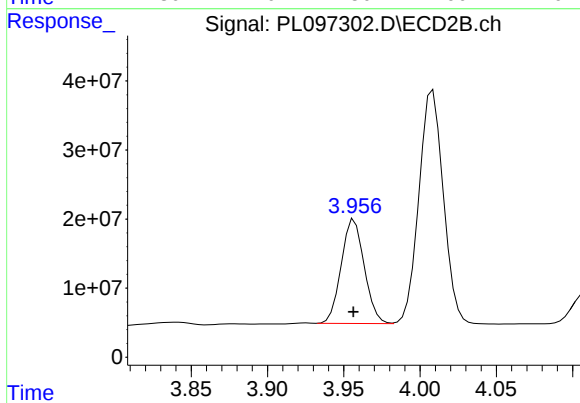
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: 0.000 min
Response: 348506846
Conc: 40.15 ng/ml m



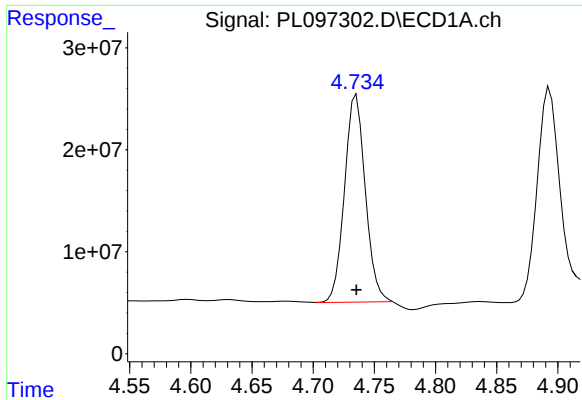
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 106861749
Conc: 39.20 ng/ml



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 158321635
Conc: 38.98 ng/ml



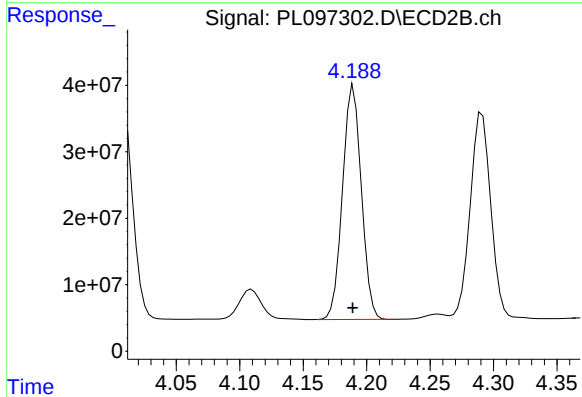
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 240495988
Conc: 39.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

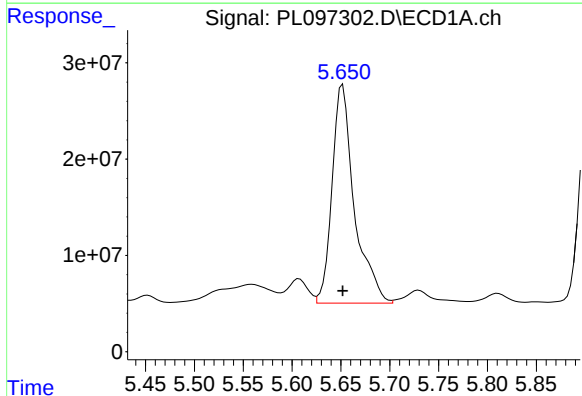
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



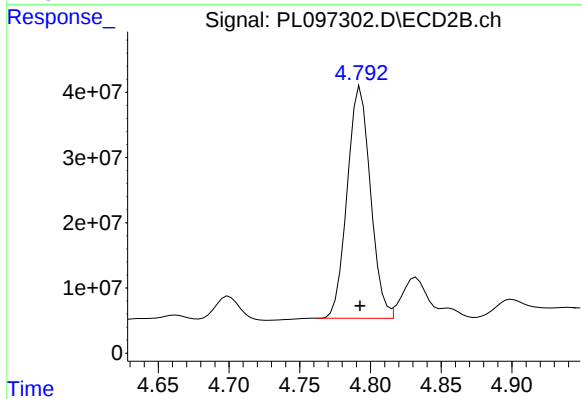
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: 0.000 min
Response: 363265661
Conc: 39.52 ng/ml



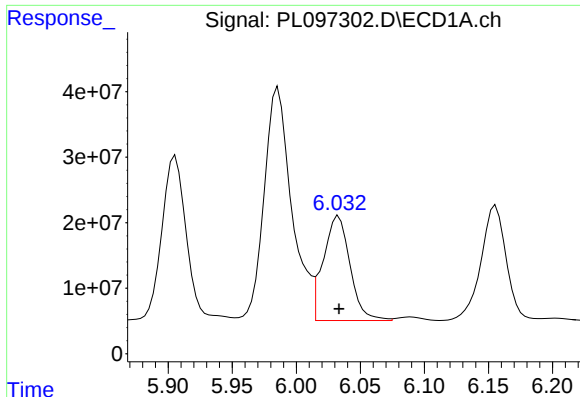
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 359962468
Conc: 62.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 407685828
Conc: 51.40 ng/ml



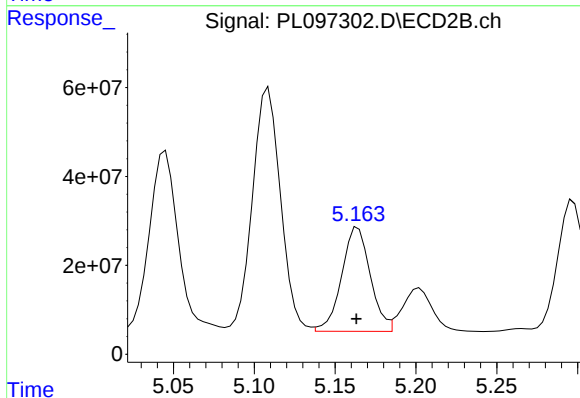
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 232426473
Conc: 44.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

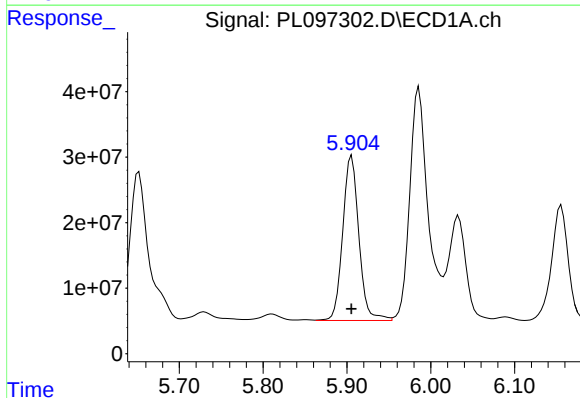
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



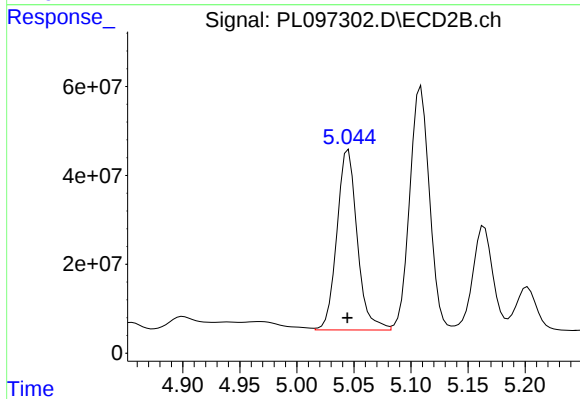
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: 0.001 min
Response: 288736297
Conc: 37.58 ng/ml



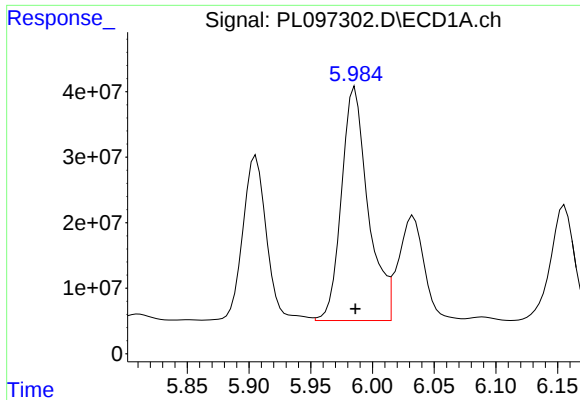
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 337744915
Conc: 59.74 ng/ml



#10 gamma-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 504239670
Conc: 57.73 ng/ml



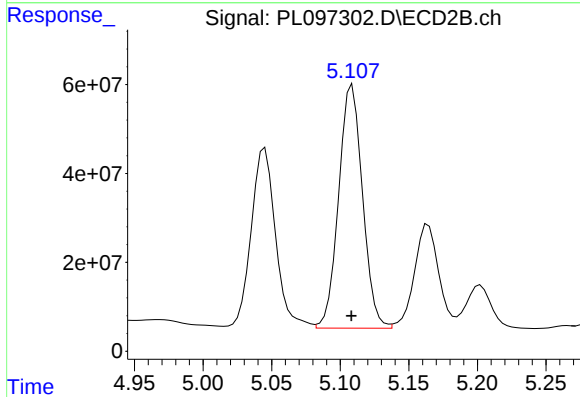
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 534392456
Conc: 94.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

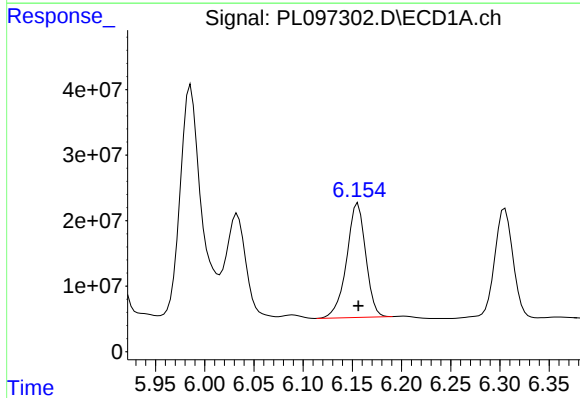
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



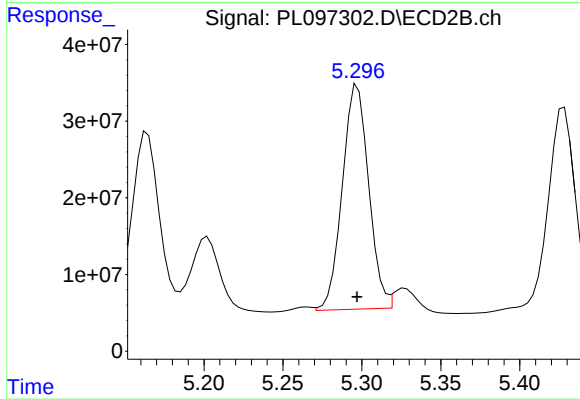
#11 alpha-Chlordane

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 663933809
Conc: 79.99 ng/ml



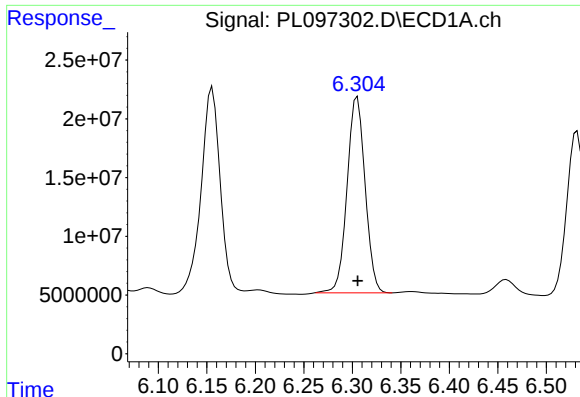
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.000 min
Response: 235309900
Conc: 49.39 ng/ml



#12 4,4'-DDE

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 340767717
Conc: 44.34 ng/ml



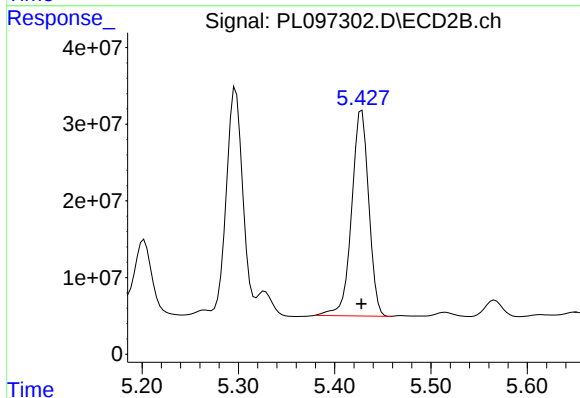
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 215684998
Conc: 39.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

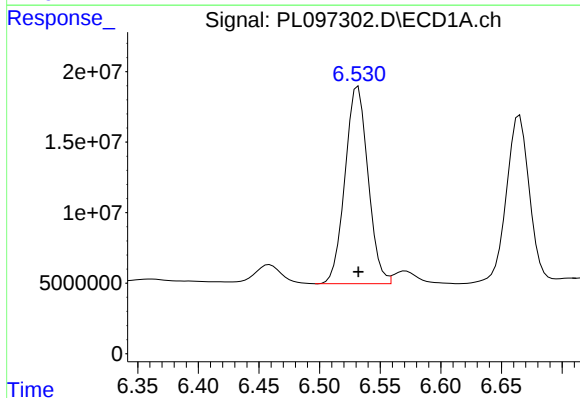
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



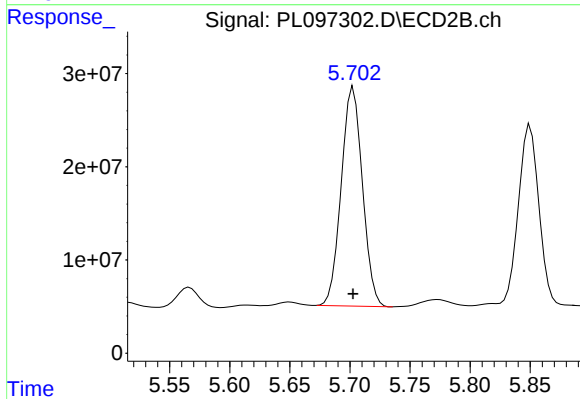
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 330969169
Conc: 40.48 ng/ml



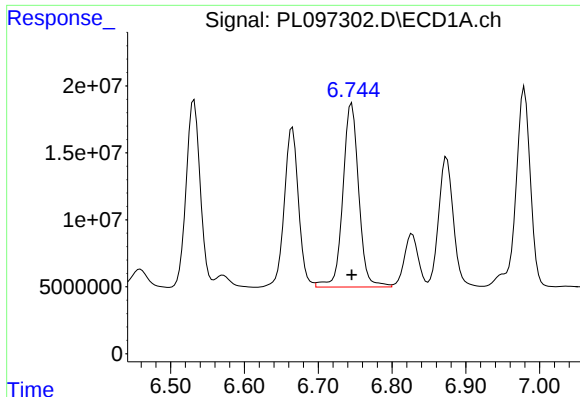
#14 Endrin

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 184565963
Conc: 40.01 ng/ml



#14 Endrin

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 289671848
Conc: 38.57 ng/ml



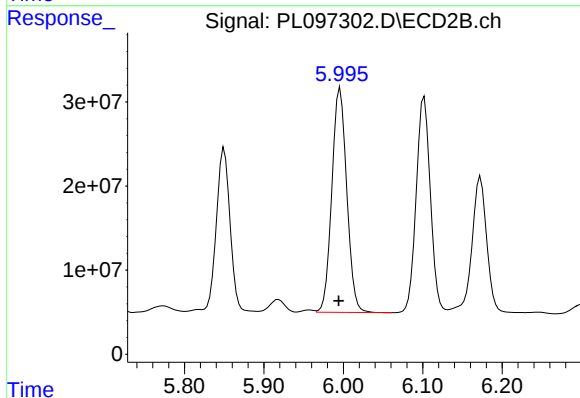
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 205308727
Conc: 41.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

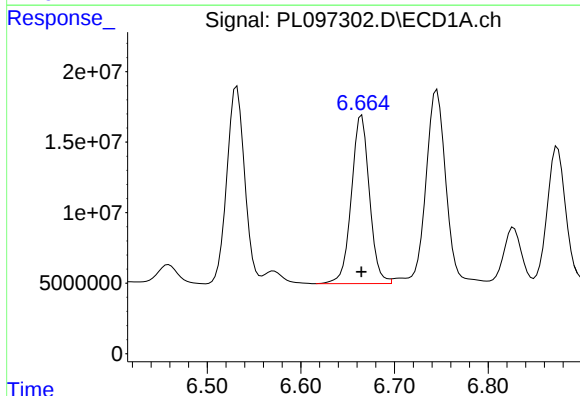
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



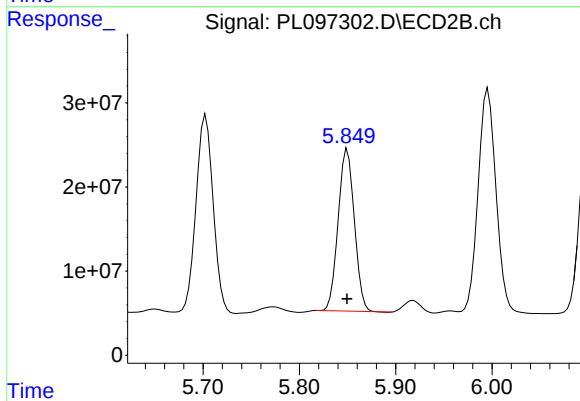
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: 0.002 min
Response: 347824625
Conc: 48.93 ng/ml



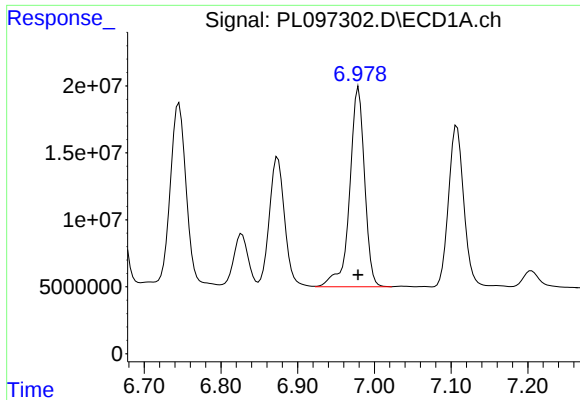
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 159700085
Conc: 42.35 ng/ml



#16 4,4'-DDD

R.T.: 5.850 min
Delta R.T.: 0.000 min
Response: 224919444
Conc: 34.88 ng/ml



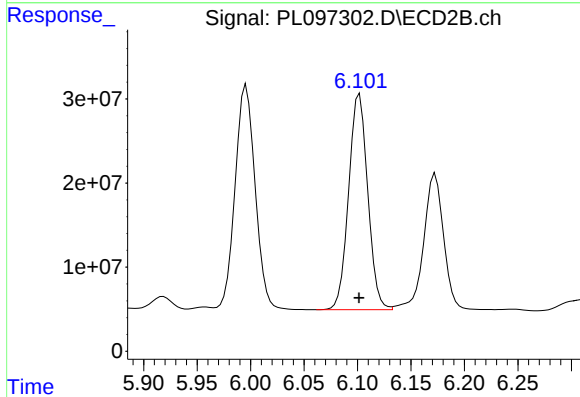
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 202934364
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

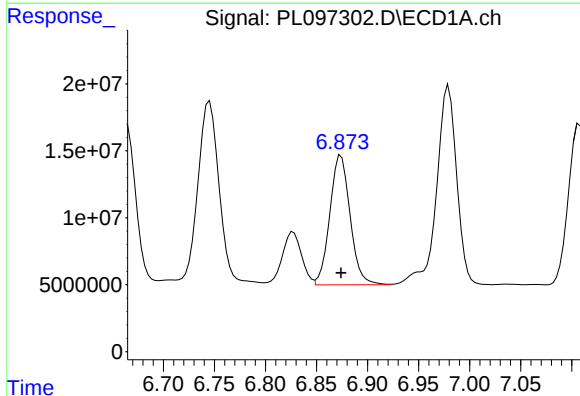
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



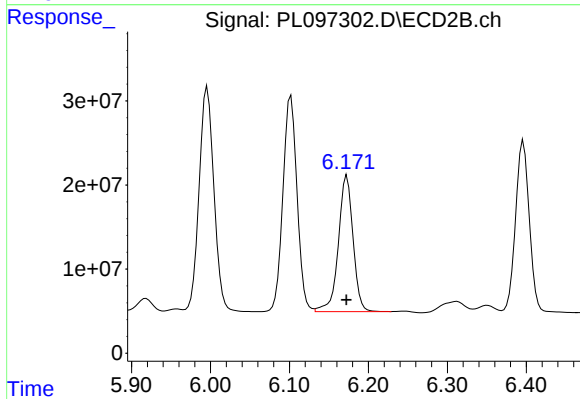
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 319605058
Conc: 46.18 ng/ml



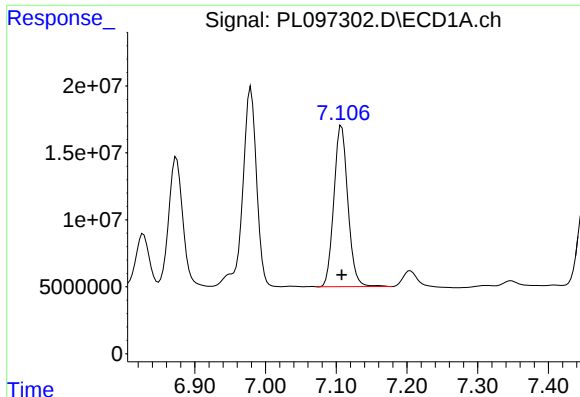
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 134102139
Conc: 43.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.173 min
Delta R.T.: 0.000 min
Response: 208834103
Conc: 39.13 ng/ml



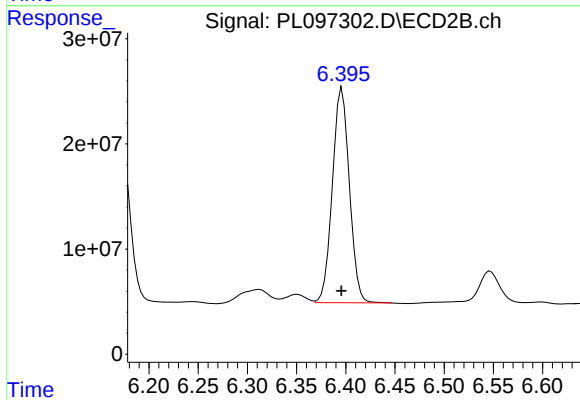
#19 Endosulfan Sulfate

R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 165574693
Conc: 40.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

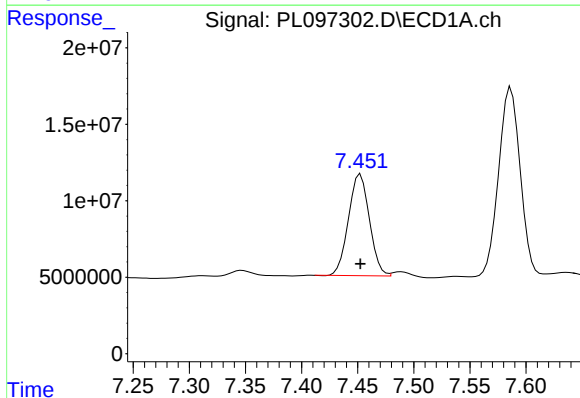
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



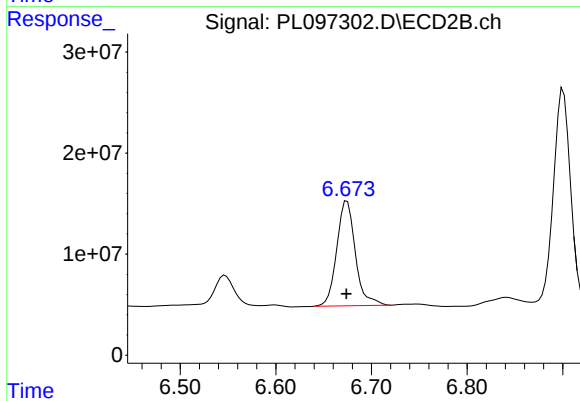
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 245457514
Conc: 35.83 ng/ml



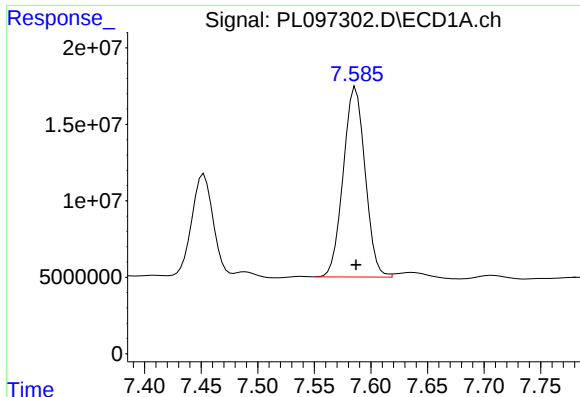
#20 Methoxychlor

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 86246606
Conc: 41.36 ng/ml



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 140692169
Conc: 37.32 ng/ml



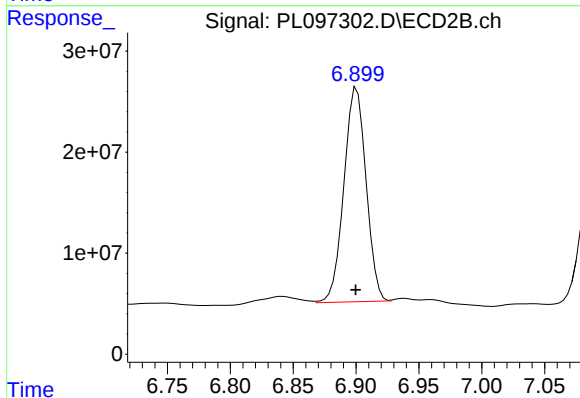
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 167148793
Conc: 39.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

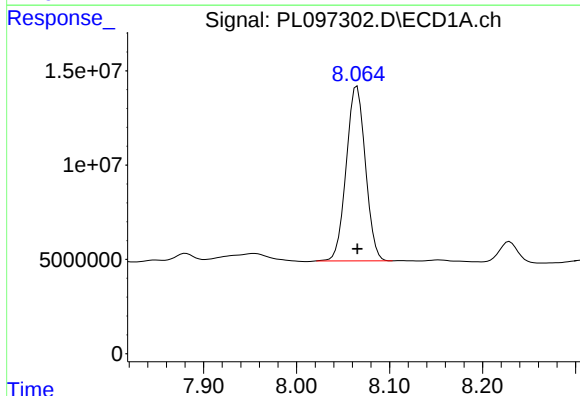
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



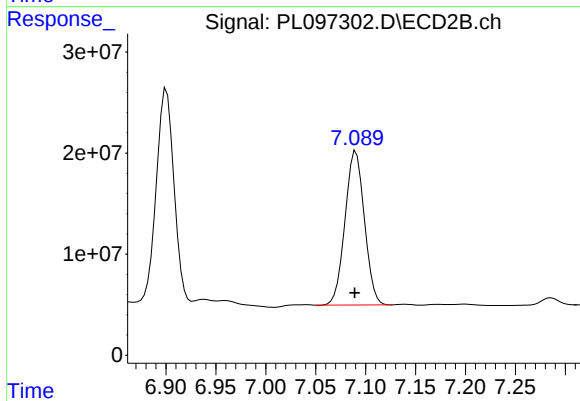
#21 Endrin ketone

R.T.: 6.901 min
Delta R.T.: 0.000 min
Response: 260248233
Conc: 34.56 ng/ml



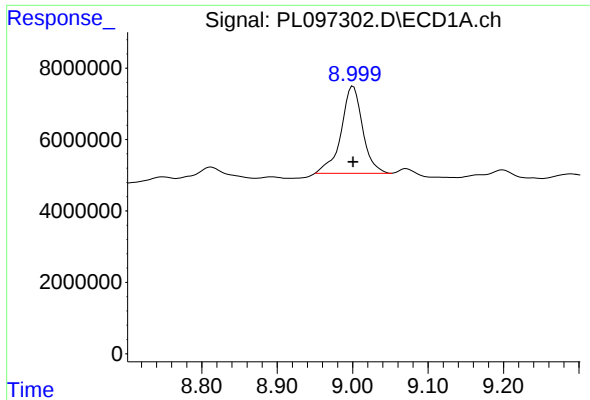
#22 Mirex

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 132560743
Conc: 37.34 ng/ml



#22 Mirex

R.T.: 7.090 min
Delta R.T.: 0.001 min
Response: 206041285
Conc: 34.46 ng/ml



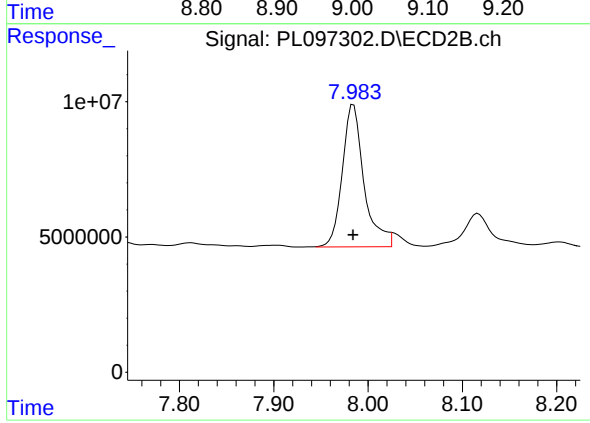
#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.000 min
Response: 48381889
Conc: 14.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-222MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2025
Supervised By :mohammad ahmed 09/23/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 83617343
Conc: 14.69 ng/ml m