

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091025\
 Data File : PL097101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 10:54
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/10/2025
 Supervised By : mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 06:32:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.528	2.822	188.3E6	262.8E6	47.752	46.632
28)	SA Decachlor...	9.003	7.984	138.3E6	230.2E6	46.700	48.004
Target Compounds							
2)	A alpha-BHC	3.975	3.327	291.6E6	398.4E6	50.323	48.519
3)	MA gamma-BHC...	4.303	3.659	272.9E6	368.3E6	49.968	49.997
4)	MA Heptachlor	4.894	4.007	268.8E6	360.4E6	50.406	47.902
5)	MB Aldrin	5.234	4.289	263.8E6	345.0E6	50.219	49.052
6)	B beta-BHC	4.490	3.955	111.3E6	158.0E6	48.658	48.439
7)	B delta-BHC	4.736	4.188	251.2E6	362.1E6	55.824	49.272
8)	B Heptachlo...	5.654	4.792	236.7E6	311.9E6	46.001	49.319
9)	A Endosulfan I	6.035	5.162	212.6E6	291.1E6	49.470	48.588
10)	B gamma-Chl...	5.906	5.043	233.5E6	329.2E6	50.710m	49.801
11)	B alpha-Chl...	5.987	5.107	230.1E6	322.9E6	48.887	49.451
12)	B 4,4'-DDE	6.158	5.296	188.2E6	302.5E6	47.158	49.144
13)	MA Dieldrin	6.307	5.427	223.4E6	326.7E6	49.187	49.854
14)	MA Endrin	6.534	5.701	173.7E6	271.8E6	46.379	46.010
15)	B Endosulfa...	6.747	5.993	196.9E6	278.4E6	44.693	48.690
16)	A 4,4'-DDD	6.667	5.849	164.0E6	258.1E6	51.968	49.419
17)	MA 4,4'-DDT	6.981	6.101	161.9E6	271.3E6	46.219	49.541
18)	B Endrin al...	6.876	6.172	132.4E6	205.7E6	50.877	49.431
19)	B Endosulfa...	7.109	6.396	168.2E6	268.6E6	48.982	47.941
20)	A Methoxychlor	7.453	6.674	77890737	137.2E6	44.881	45.725
21)	B Endrin ke...	7.588	6.899	181.6E6	317.5E6	51.071	50.723
22)	Mirex	8.066	7.089	145.8E6	237.9E6	48.738	48.988

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091025\
Data File : PL097101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 10:54
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

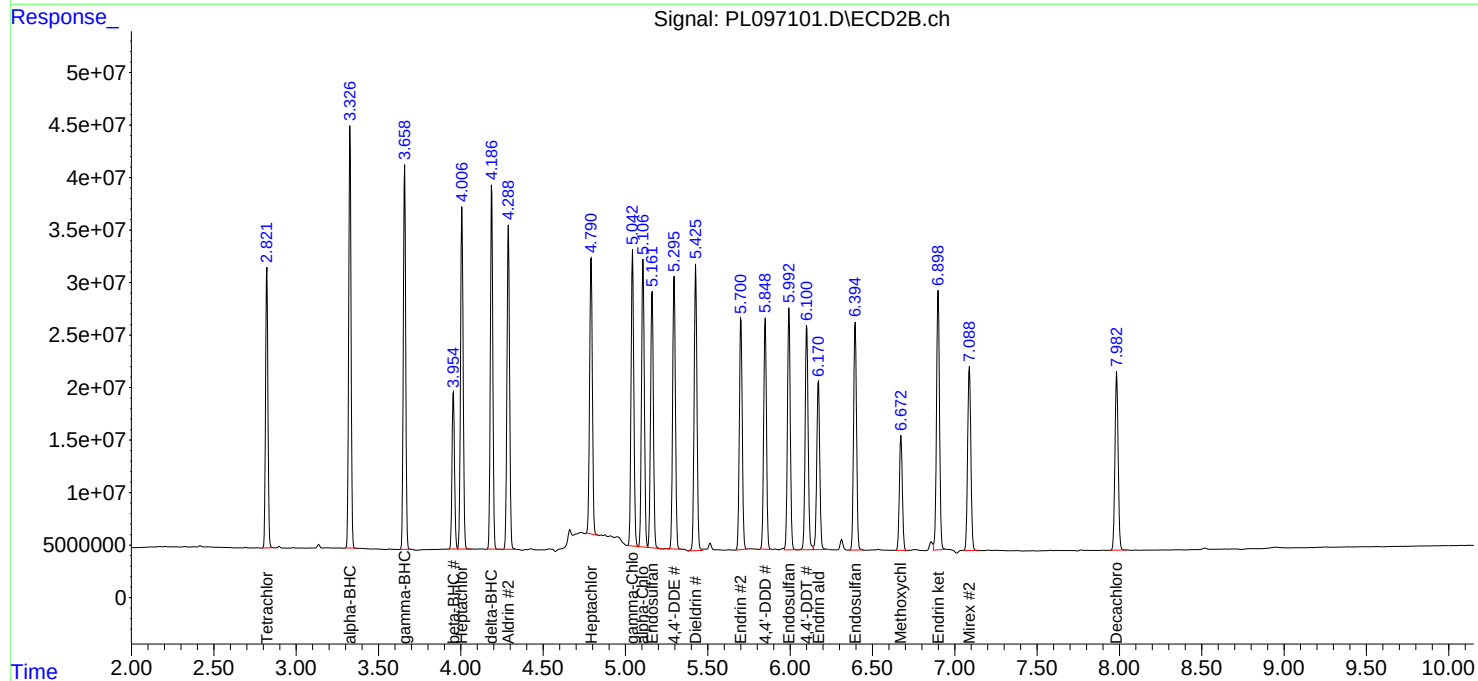
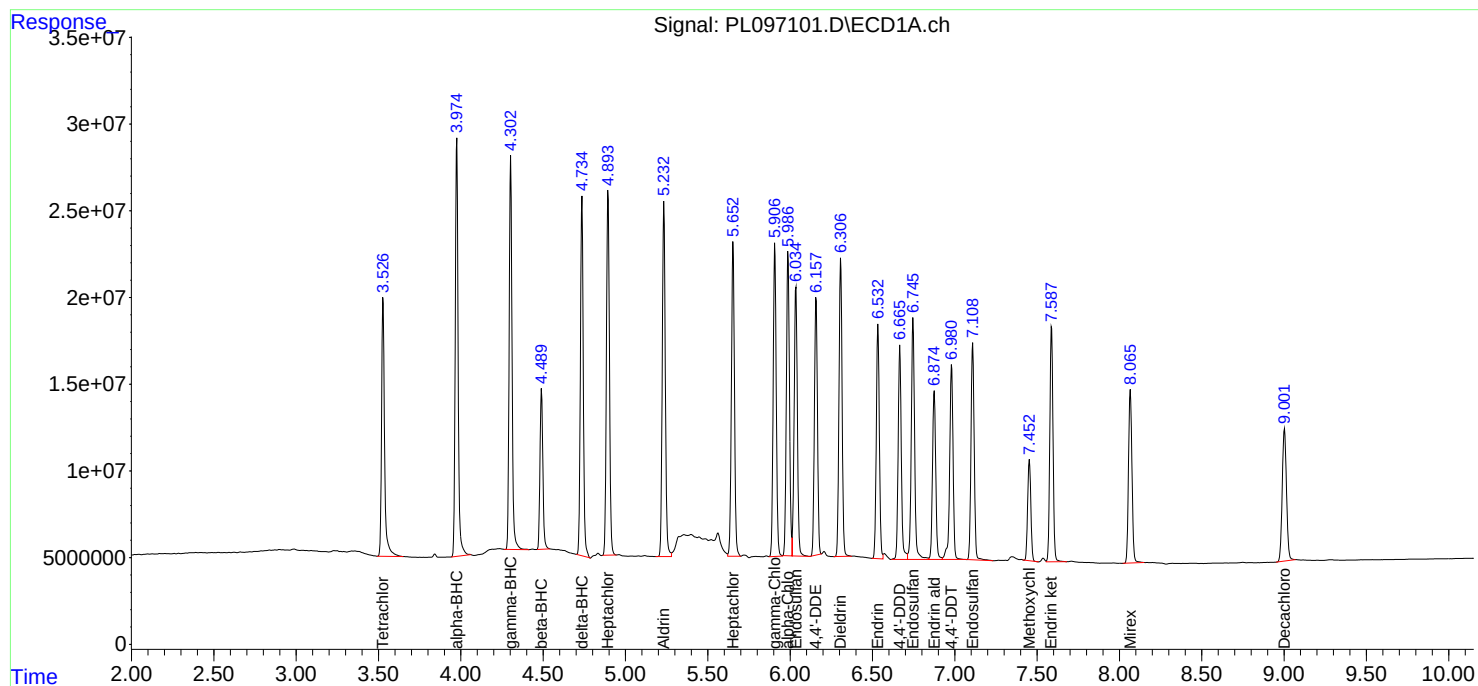
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

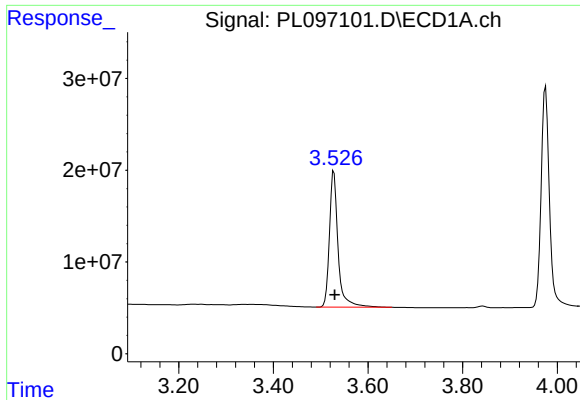
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 06:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





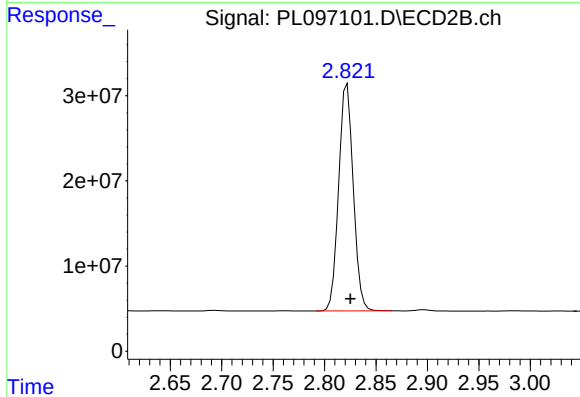
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 188327556
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

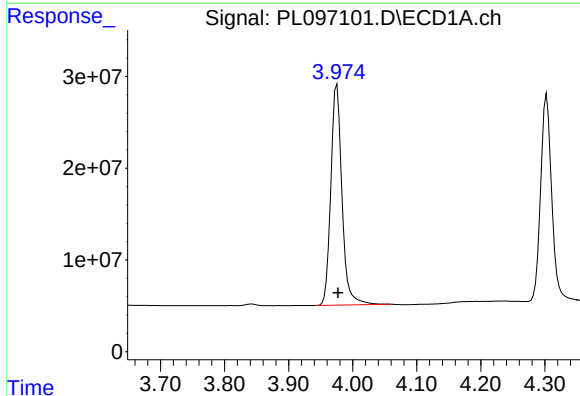
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



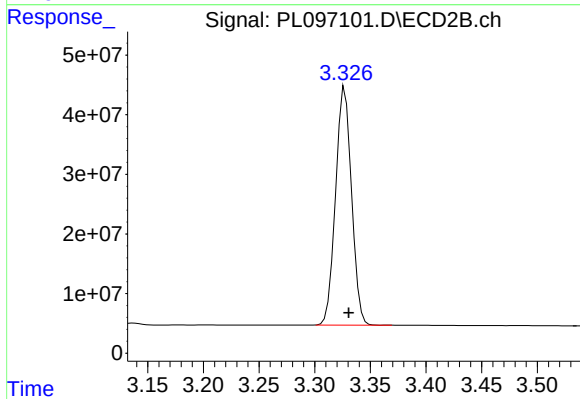
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.003 min
Response: 262848155
Conc: 46.63 ng/ml



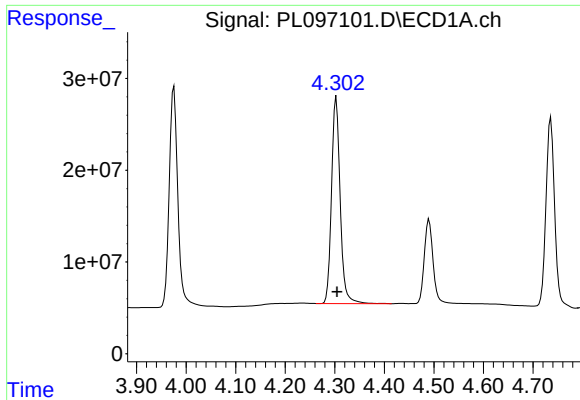
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 291572356
Conc: 50.32 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.003 min
Response: 398403052
Conc: 48.52 ng/ml



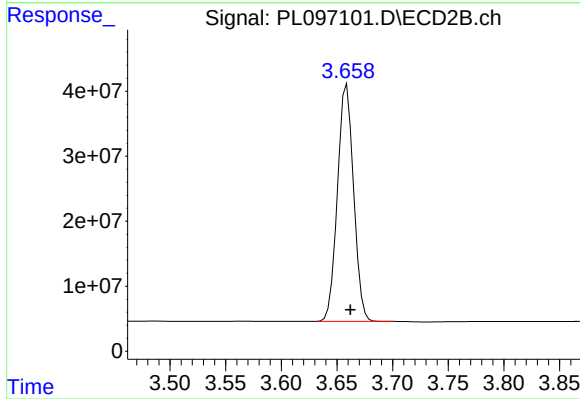
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.002 min
Response: 272912528
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

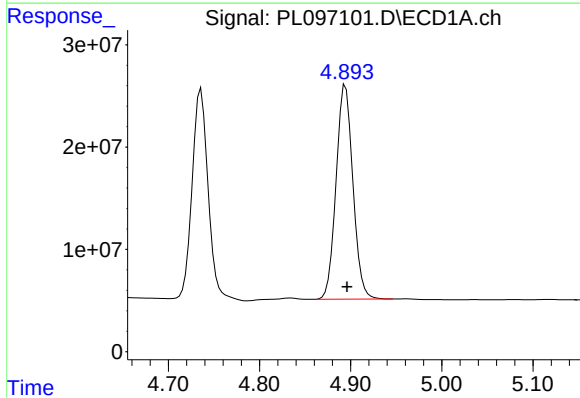
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



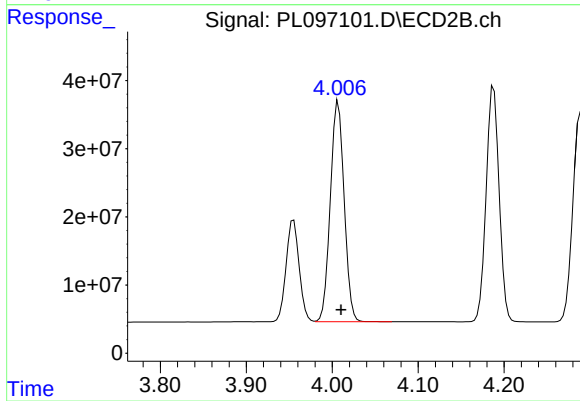
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: -0.003 min
Response: 368299382
Conc: 50.00 ng/ml



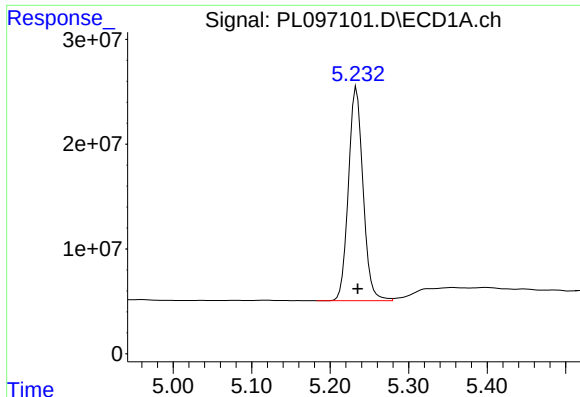
#4 Heptachlor

R.T.: 4.894 min
Delta R.T.: -0.002 min
Response: 268780074
Conc: 50.41 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 360426480
Conc: 47.90 ng/ml



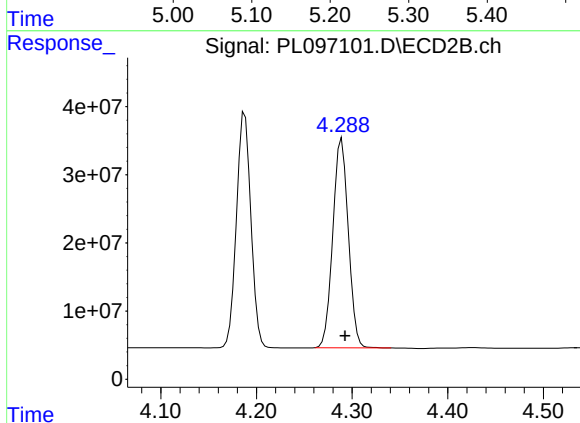
#5 Aldrin

R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 263824983
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

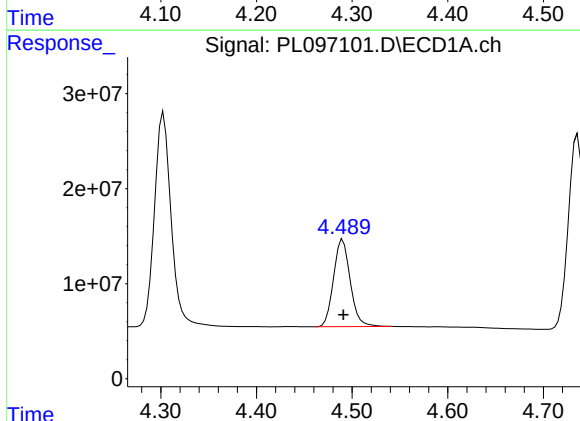
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



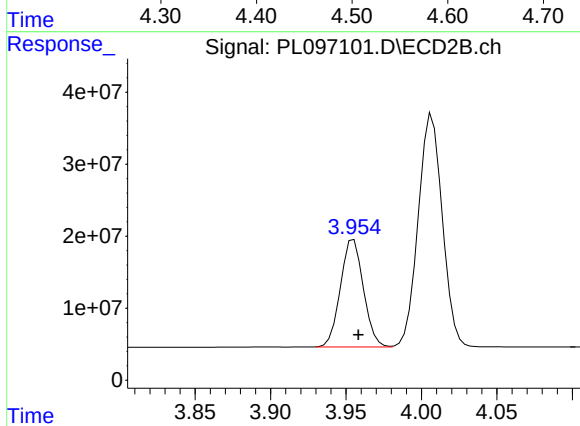
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 344973326
Conc: 49.05 ng/ml



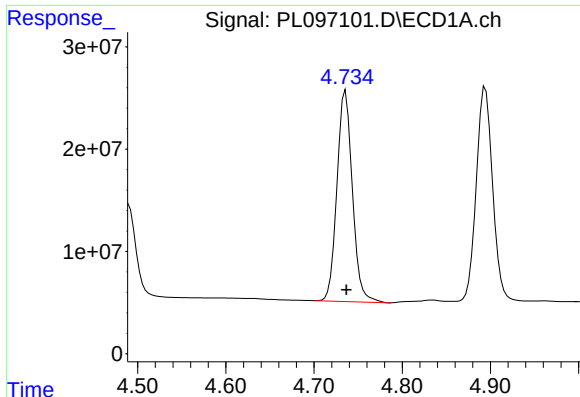
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 111283541
Conc: 48.66 ng/ml



#6 beta-BHC

R.T.: 3.955 min
Delta R.T.: -0.003 min
Response: 158021112
Conc: 48.44 ng/ml



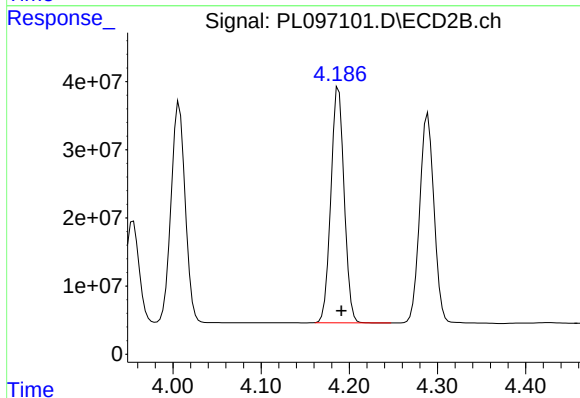
#7 delta-BHC

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 251207154
Conc: 55.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

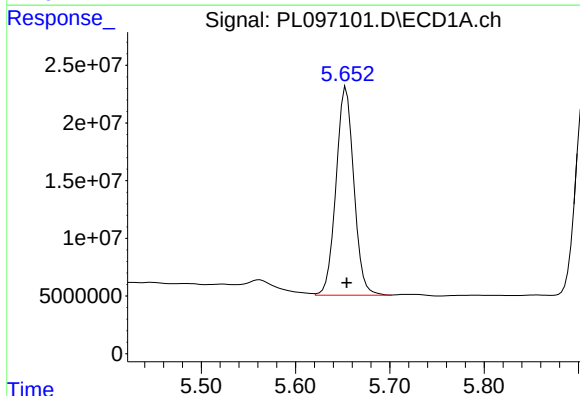
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



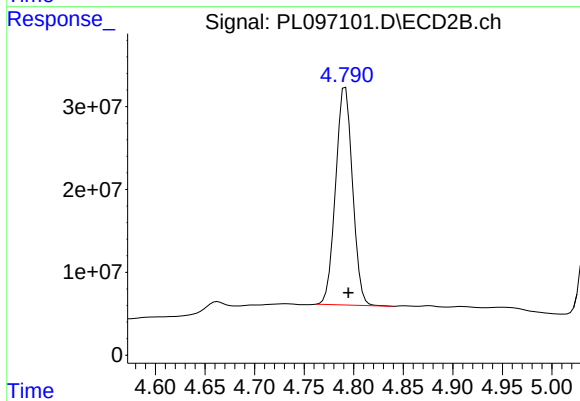
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 362092029
Conc: 49.27 ng/ml



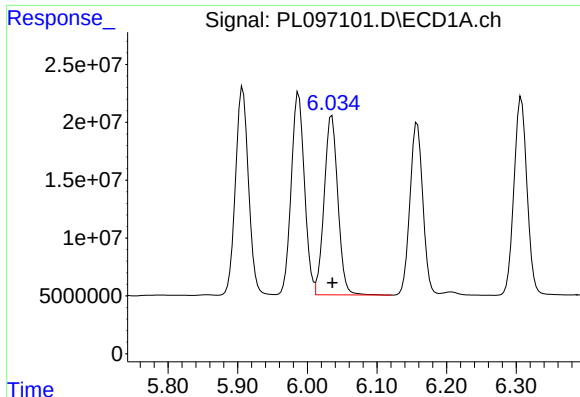
#8 Heptachlor epoxide

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 236714276
Conc: 46.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 311941053
Conc: 49.32 ng/ml



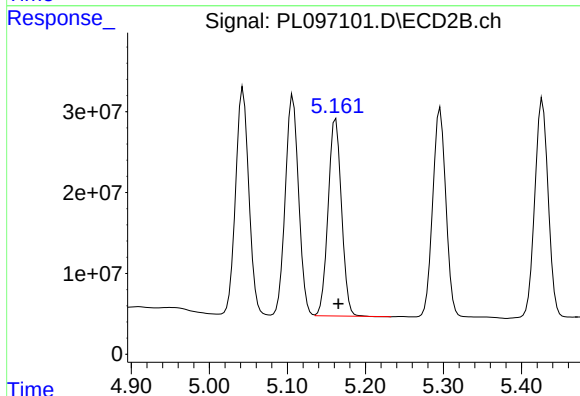
#9 Endosulfan I

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 212563267
Conc: 49.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

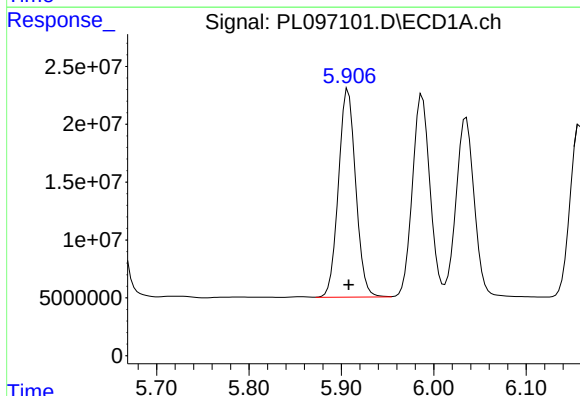
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



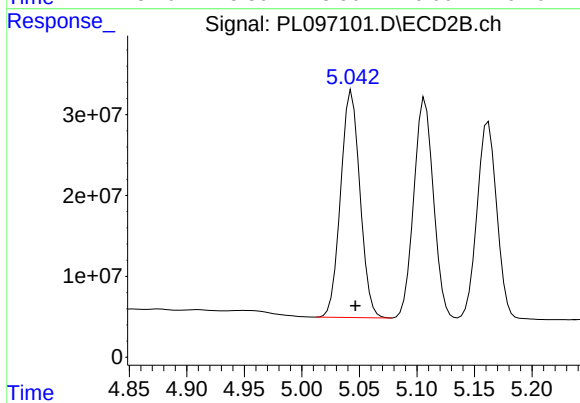
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 291105949
Conc: 48.59 ng/ml



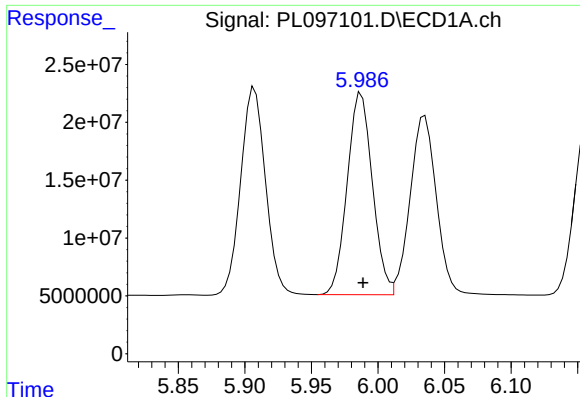
#10 gamma-Chlordane

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 233542340
Conc: 50.71 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 329240611
Conc: 49.80 ng/ml



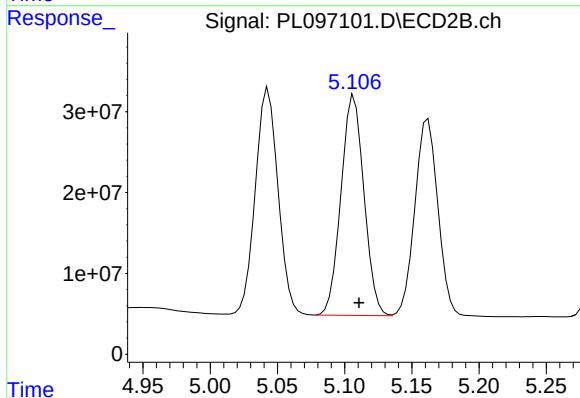
#11 alpha-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.001 min
Response: 230057677
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

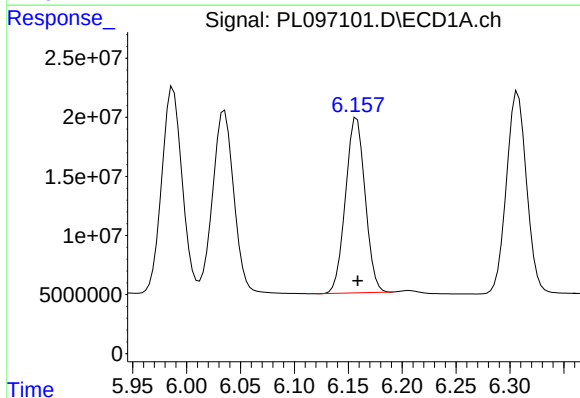
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



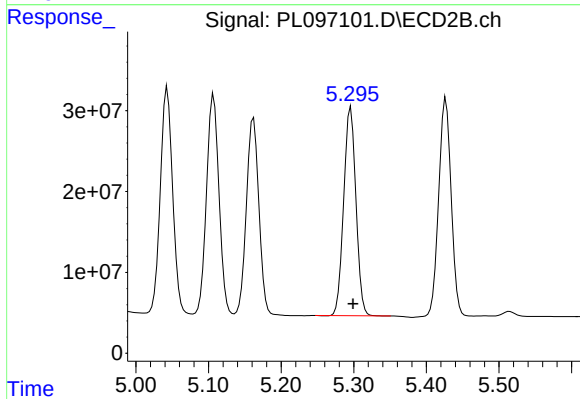
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 322903523
Conc: 49.45 ng/ml



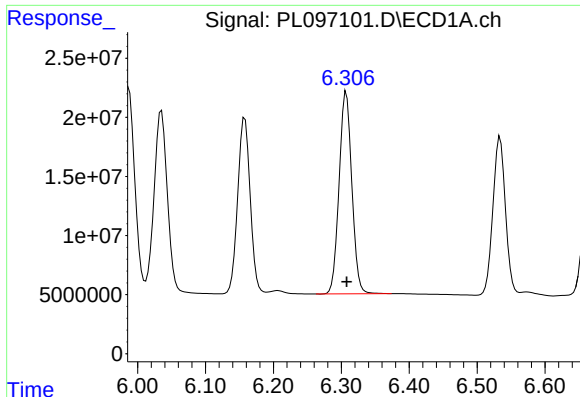
#12 4,4'-DDE

R.T.: 6.158 min
Delta R.T.: -0.001 min
Response: 188165801
Conc: 47.16 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 302468922
Conc: 49.14 ng/ml



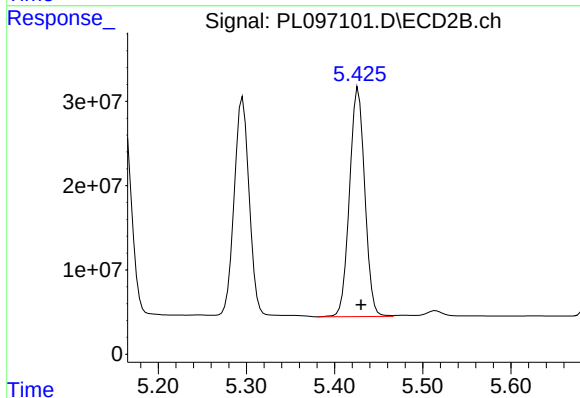
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 223350874
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

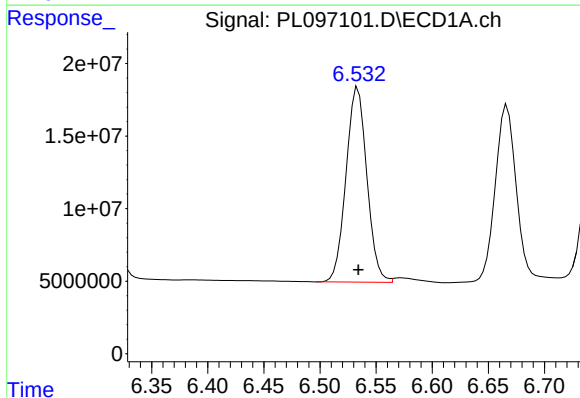
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



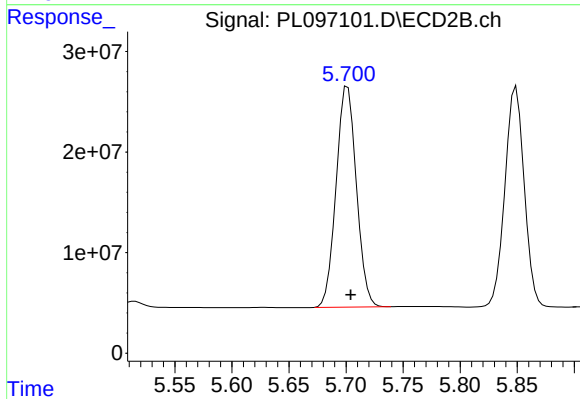
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.003 min
Response: 326693491
Conc: 49.85 ng/ml



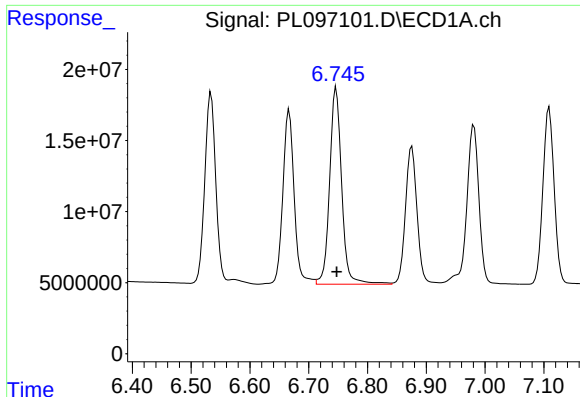
#14 Endrin

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 173683088
Conc: 46.38 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 271791872
Conc: 46.01 ng/ml



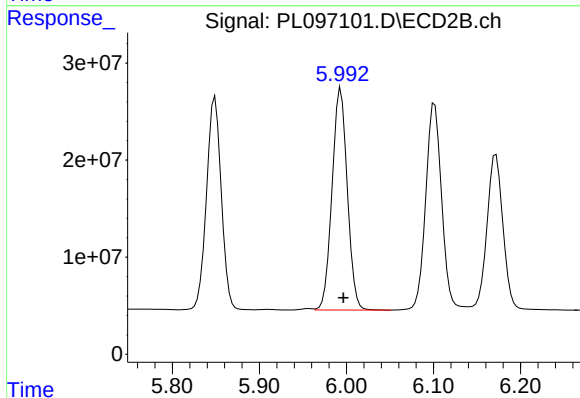
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 196873533
Conc: 44.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

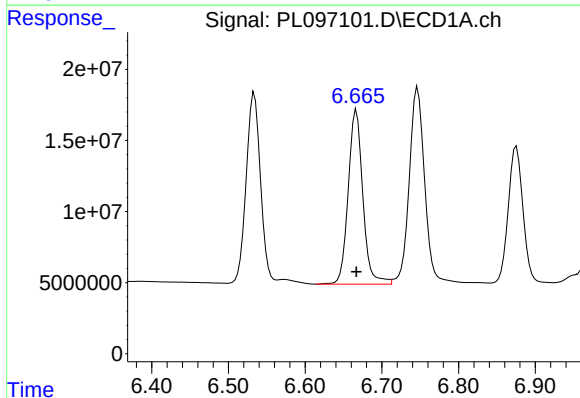
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



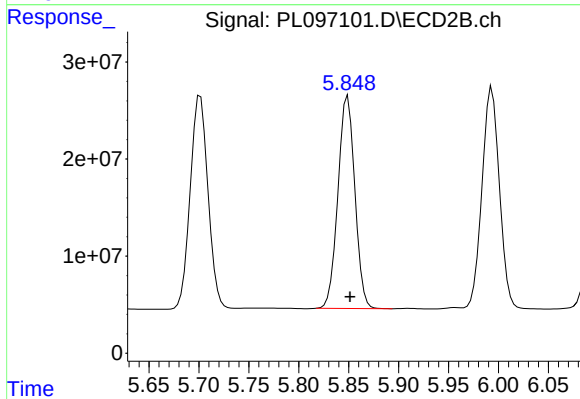
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 278443868
Conc: 48.69 ng/ml



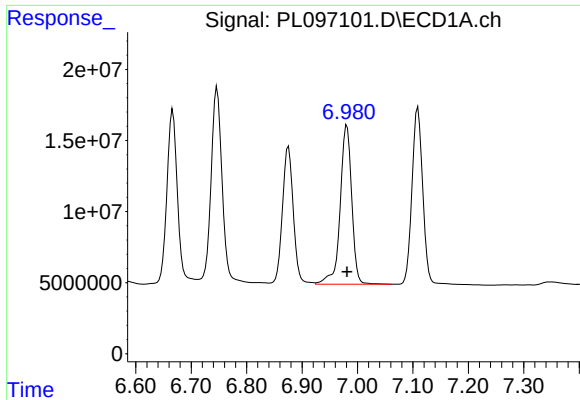
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 163999556
Conc: 51.97 ng/ml



#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: -0.002 min
Response: 258081677
Conc: 49.42 ng/ml



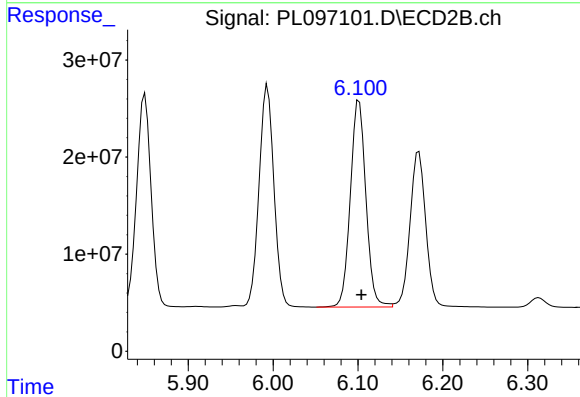
#17 4,4'-DDT

R.T.: 6.981 min
Delta R.T.: 0.000 min
Response: 161877658
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

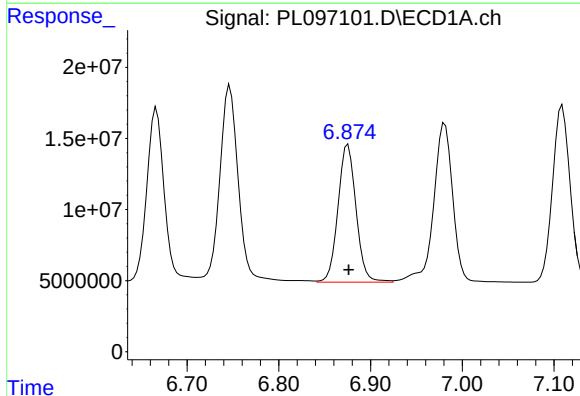
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



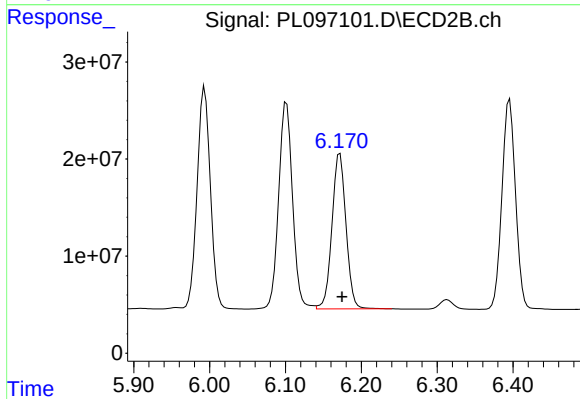
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 271347569
Conc: 49.54 ng/ml



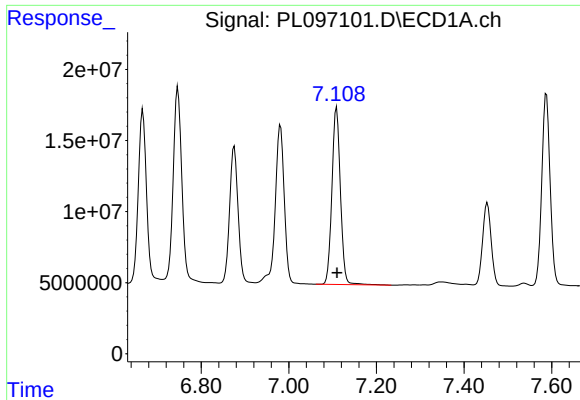
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 132354236
Conc: 50.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 205720405
Conc: 49.43 ng/ml



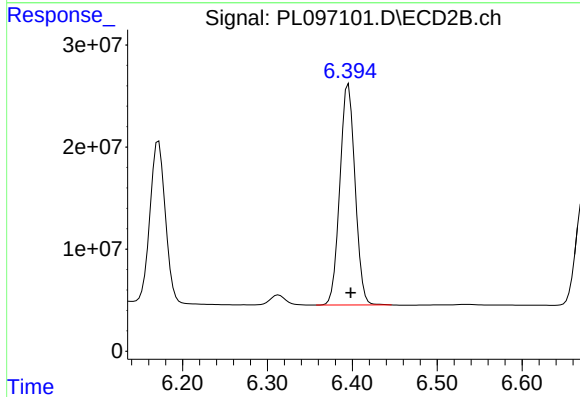
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 168170933
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

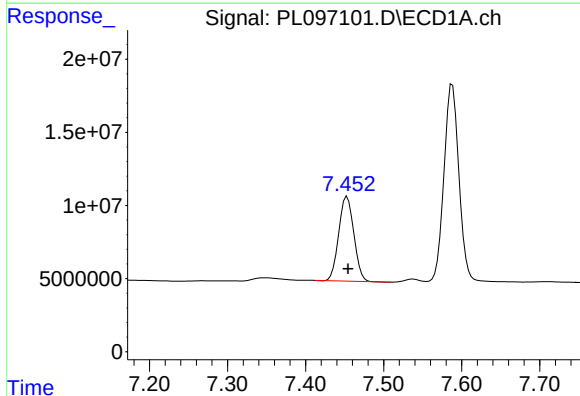
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



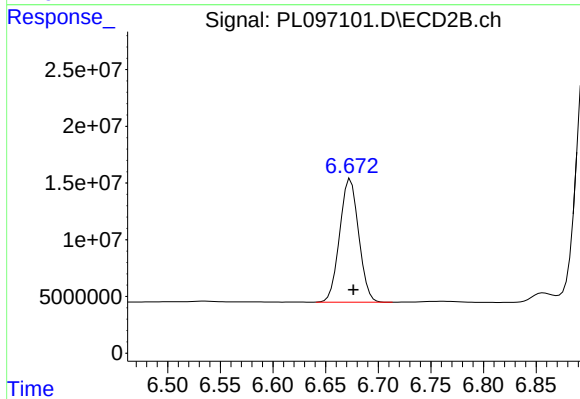
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: -0.003 min
Response: 268613265
Conc: 47.94 ng/ml



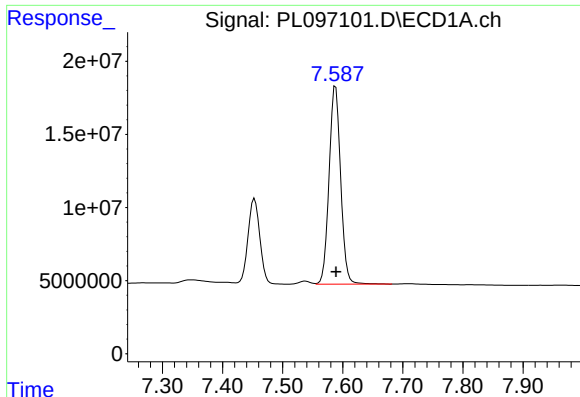
#20 Methoxychlor

R.T.: 7.453 min
Delta R.T.: 0.000 min
Response: 77890737
Conc: 44.88 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 137165887
Conc: 45.73 ng/ml



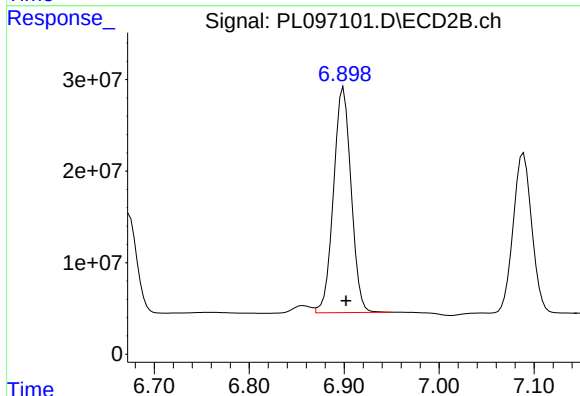
#21 Endrin ketone

R.T.: 7.588 min
Delta R.T.: 0.000 min
Response: 181571682
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

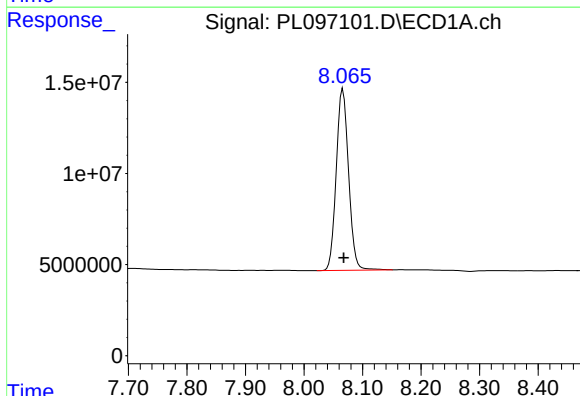
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



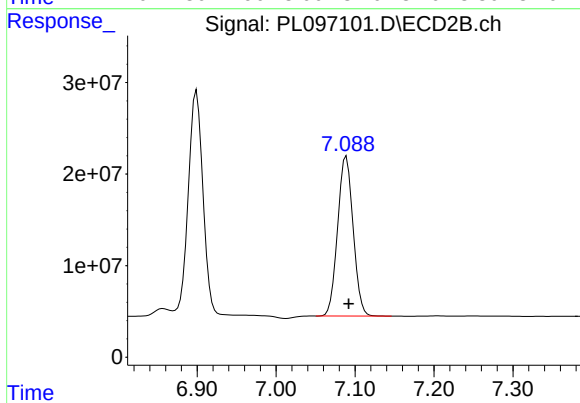
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 317469587
Conc: 50.72 ng/ml



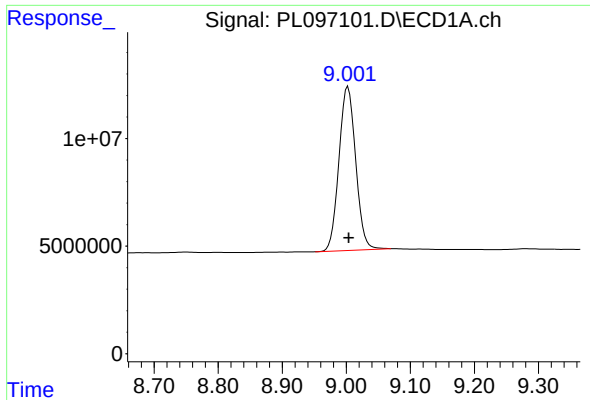
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 145818575
Conc: 48.74 ng/ml



#22 Mirex

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 237914882
Conc: 48.99 ng/ml



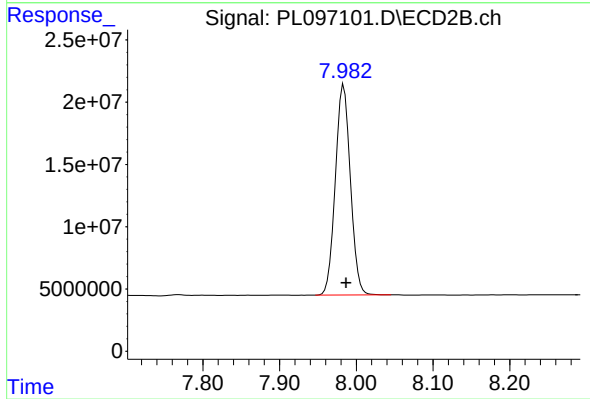
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.001 min
Response: 138262978
Conc: 46.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.003 min
Response: 230219193
Conc: 48.00 ng/ml