

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 22:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/12/2025
 Supervised By : mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:24:06 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...	3.527	2.823	192.7E6	273.6E6	48.873	48.539
28)	SA Decachlor...	9.000	7.983	132.6E6	217.9E6	44.771	45.435
Target Compounds							
2)	A alpha-BHC	3.974	3.328	292.3E6	418.2E6	50.457	50.935
3)	MA gamma-BHC...	4.302	3.660	271.7E6	388.1E6	49.737	52.678
4)	MA Heptachlor	4.893	4.008	266.7E6	379.2E6	50.019	50.394
5)	MB Aldrin	5.232	4.290	254.7E6	360.0E6	48.484	51.190
6)	B beta-BHC	4.489	3.956	113.6E6	164.7E6	49.672	50.490
7)	B delta-BHC	4.734	4.188	253.6E6	378.7E6	56.361	51.533
8)	B Heptachlo...	5.650	4.792	238.9E6	322.2E6	46.426m	50.937
9)	A Endosulfan I	6.033	5.162	202.4E6	293.0E6	47.102	48.905
10)	B gamma-Chl...	5.904	5.044	224.2E6	338.5E6	48.675m	51.204
11)	B alpha-Chl...	5.986	5.107	220.2E6	334.8E6	46.798	51.277
12)	B 4,4'-DDE	6.155	5.296	188.0E6	307.0E6	47.127	49.883
13)	MA Dieldrin	6.305	5.425	213.8E6	337.2E6	47.075	51.458m
14)	MA Endrin	6.531	5.701	180.3E6	303.5E6	48.136	51.379
15)	B Endosulfa...	6.743	5.993	181.1E6	279.0E6	41.105m	48.788
16)	A 4,4'-DDD	6.663	5.848	155.8E6	264.0E6	49.378m	50.546
17)	MA 4,4'-DDT	6.977	6.101	147.4E6	253.0E6	42.083m	46.193
18)	B Endrin al...	6.872	6.171	124.8E6	209.7E6	47.979m	50.482
19)	B Endosulfa...	7.107	6.394	159.9E6	267.7E6	46.578	47.771
20)	A Methoxychlor	7.452	6.673	75131751	137.3E6	43.291	45.762
21)	B Endrin ke...	7.586	6.898	167.7E6	342.7E6	47.169	54.751
22)	Mirex	8.064	7.088	133.0E6	229.4E6	44.454	47.238

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Sep 2025 22:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

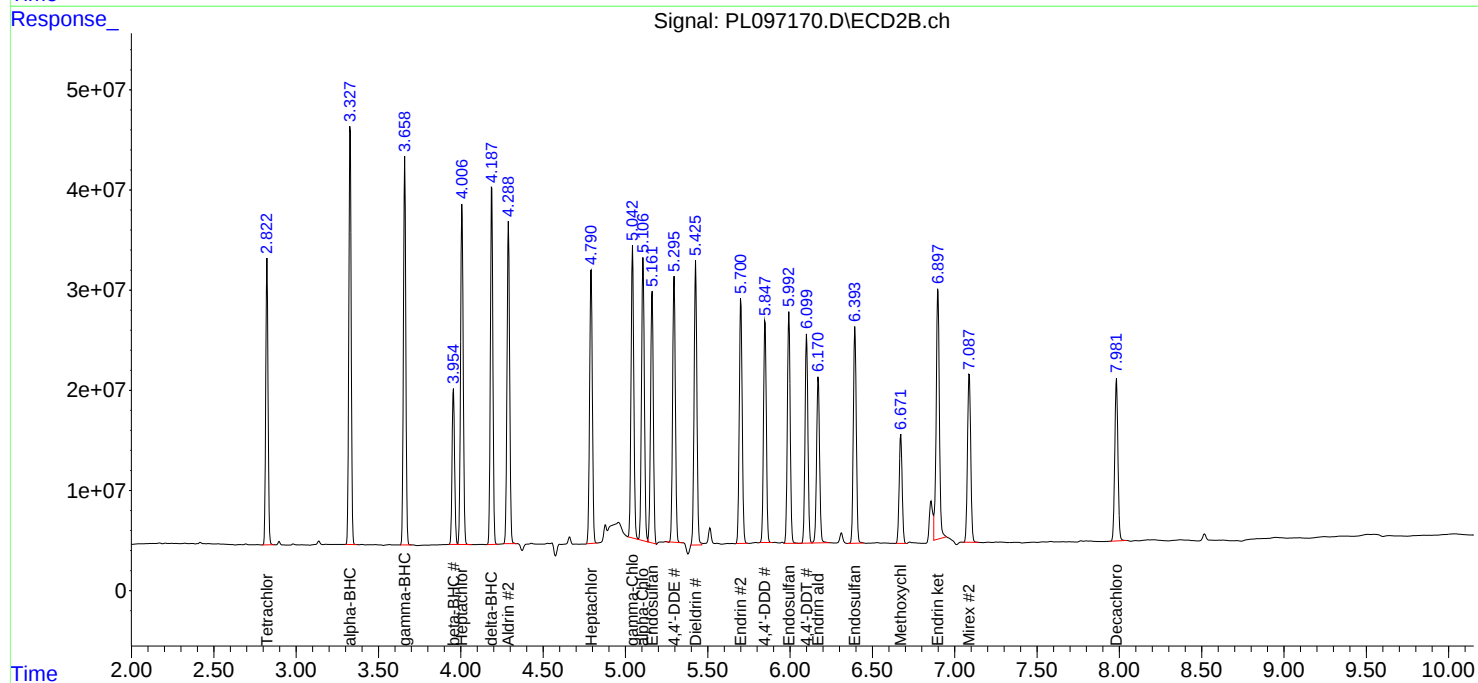
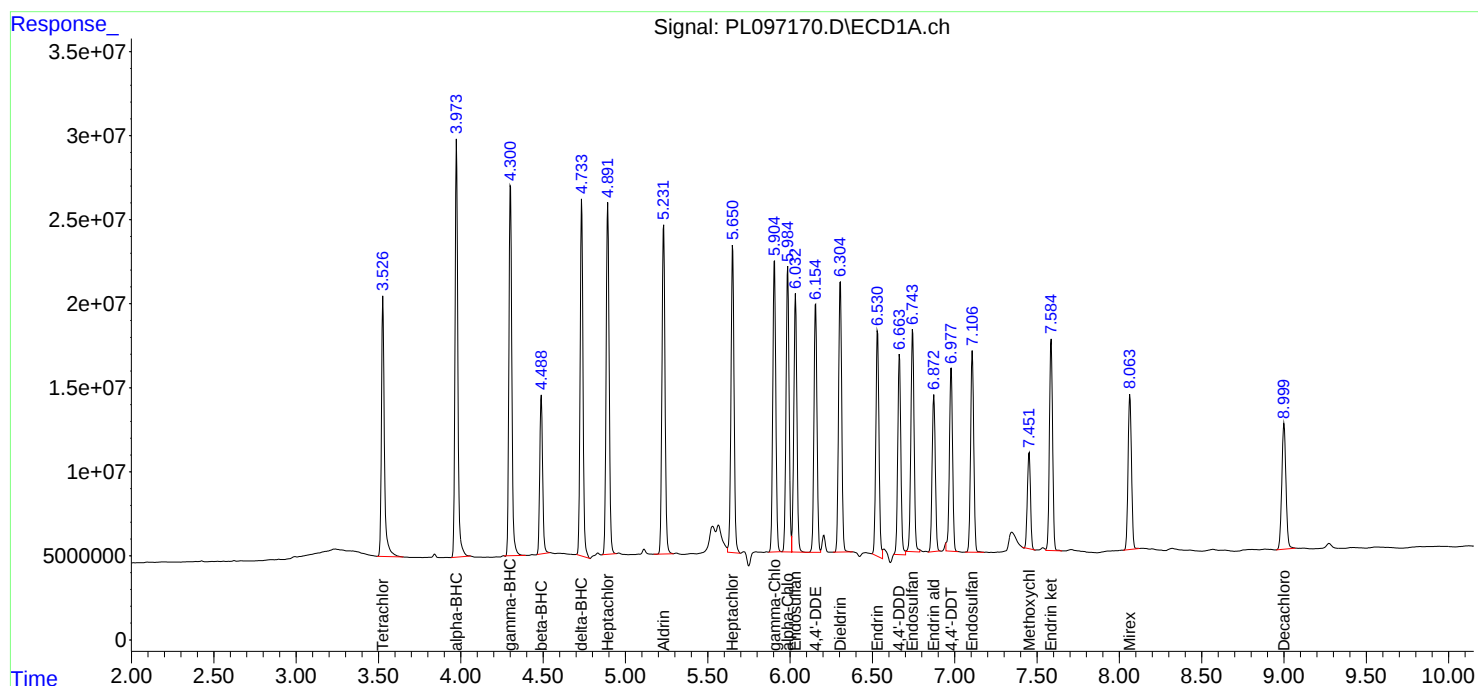
APPROVED

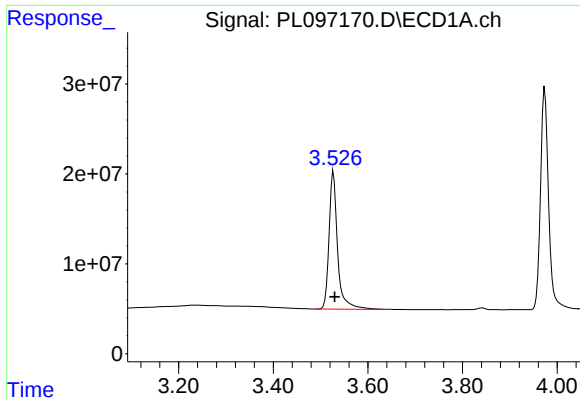
Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 01:24:06 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.: 3.527 min
Delta R.T.: -0.003 min
Response: 192747794
Conc: 48.87 ng/ml

Instrument :

ECD_L

ClientSampleId :

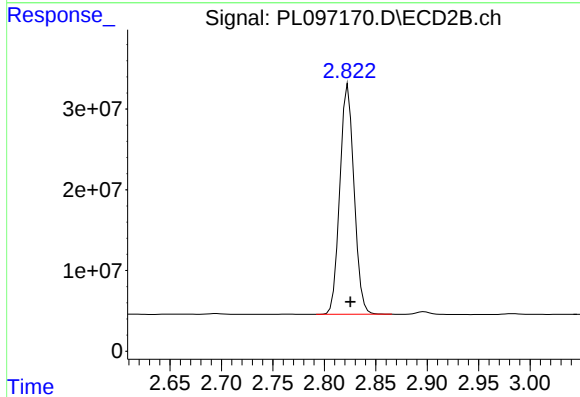
PSTDCCC050

Manual Integrations

APPROVED

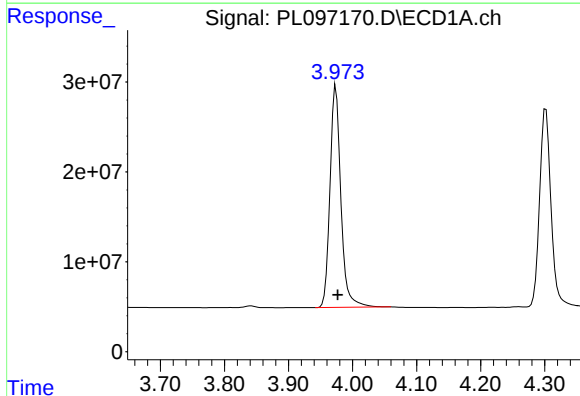
Reviewed By :Abdul Mirza 09/12/2025

Supervised By :mohammad ahmed 09/15/2025



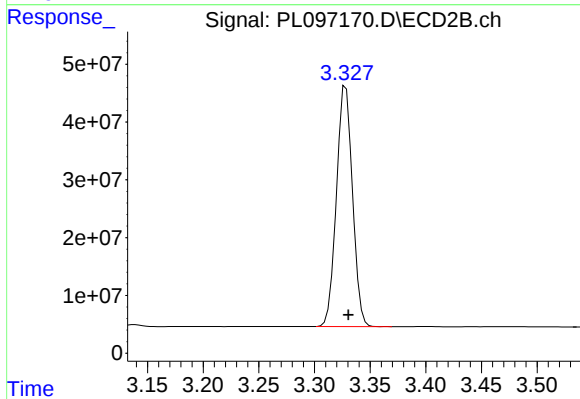
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 273599450
Conc: 48.54 ng/ml



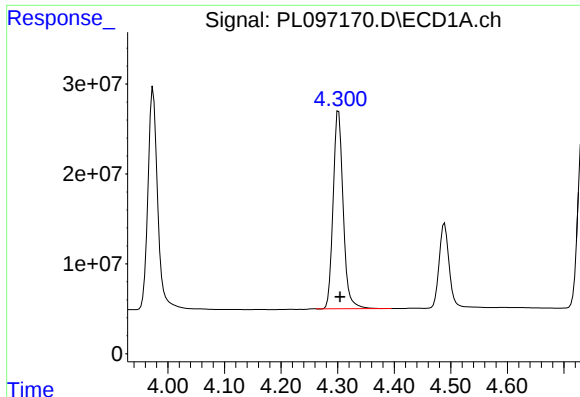
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 292347113
Conc: 50.46 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 418238568
Conc: 50.93 ng/ml



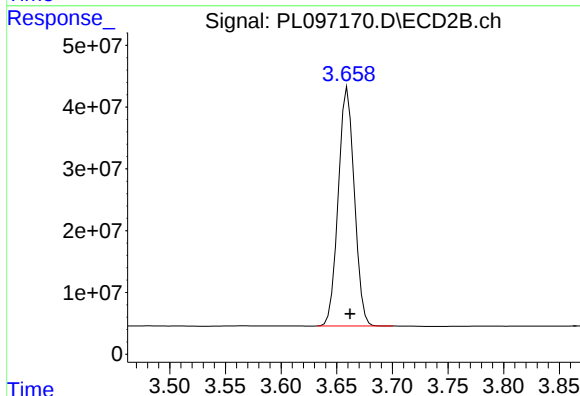
#3 gamma-BHC (Lindane)

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 271652557
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

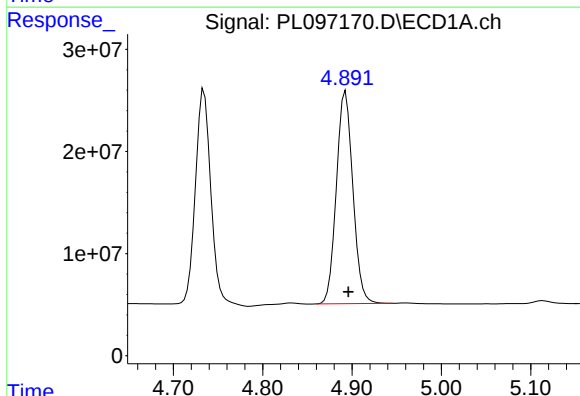
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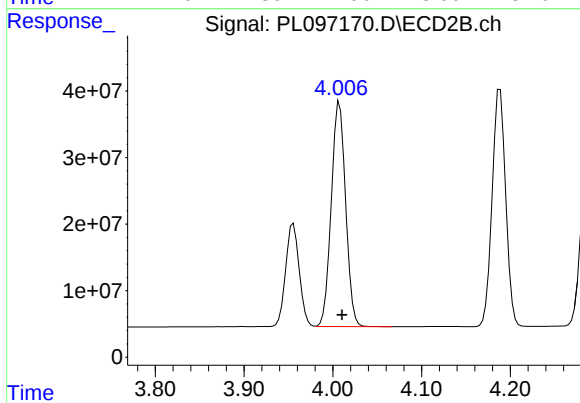
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 388051282
Conc: 52.68 ng/ml



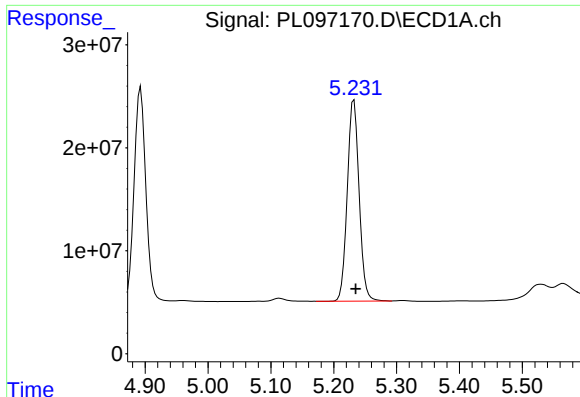
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 266721052
Conc: 50.02 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.003 min
Response: 379178054
Conc: 50.39 ng/ml



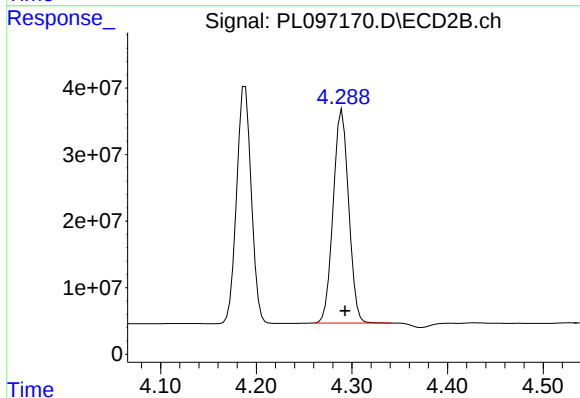
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 254710660
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

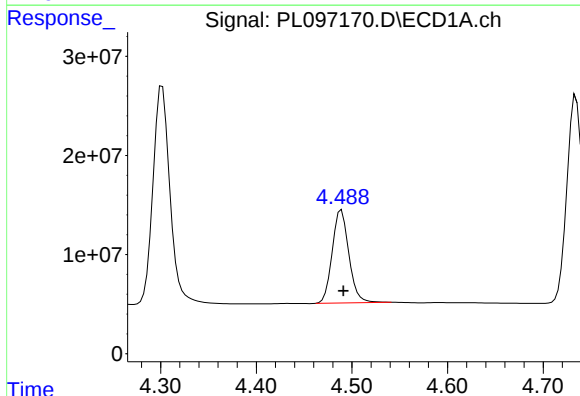
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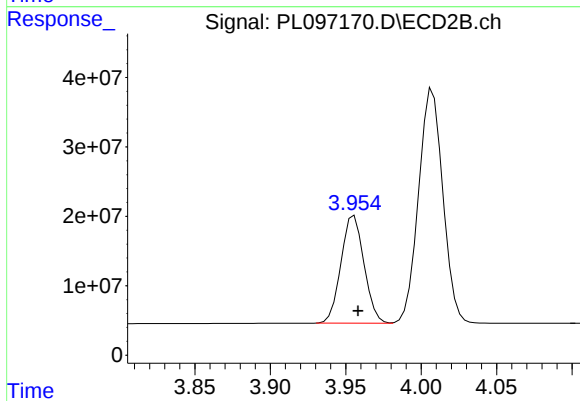
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.003 min
Response: 360012275
Conc: 51.19 ng/ml



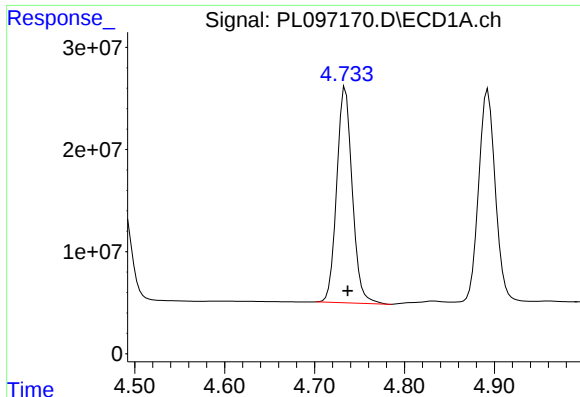
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 113602447
Conc: 49.67 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.003 min
Response: 164714516
Conc: 50.49 ng/ml



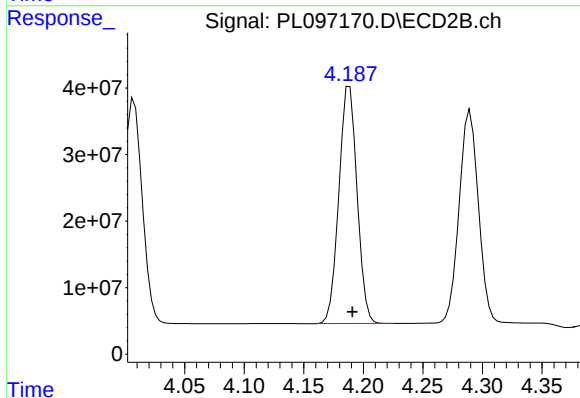
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 253624242
Conc: 56.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

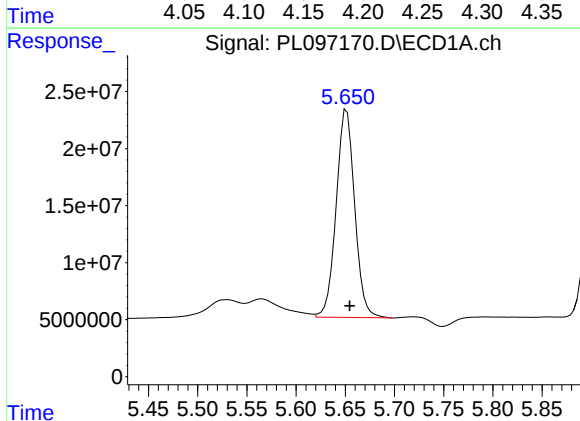
Manual Integrations
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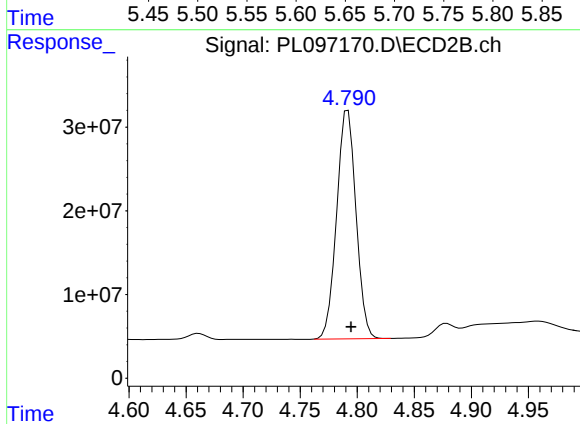
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 378709660
Conc: 51.53 ng/ml



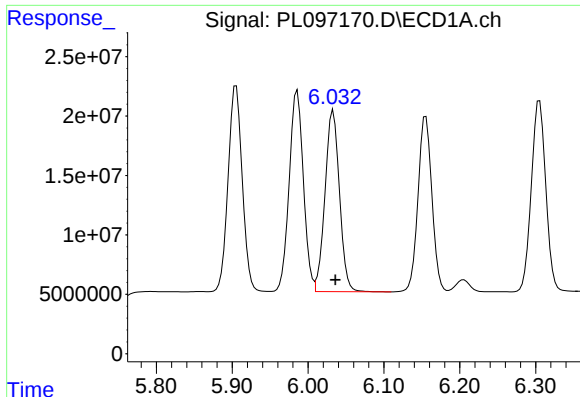
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.005 min
Response: 238899011
Conc: 46.43 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 322175468
Conc: 50.94 ng/ml



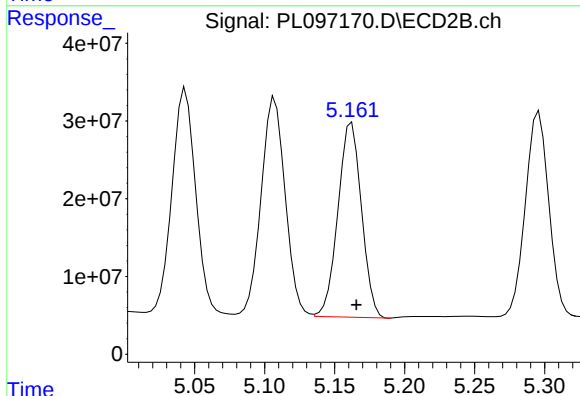
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 202387308
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

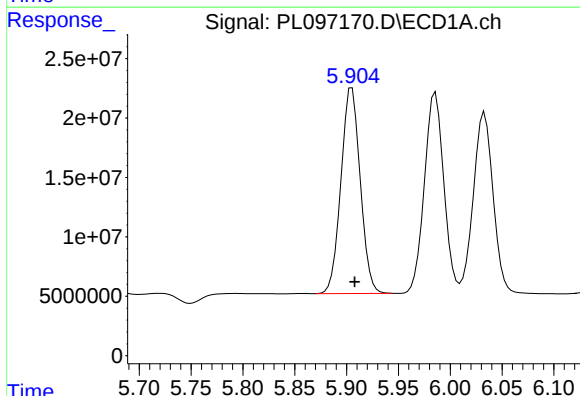
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Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025



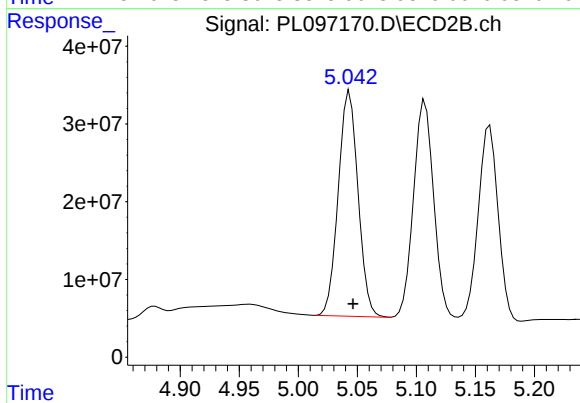
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 293005074
Conc: 48.91 ng/ml



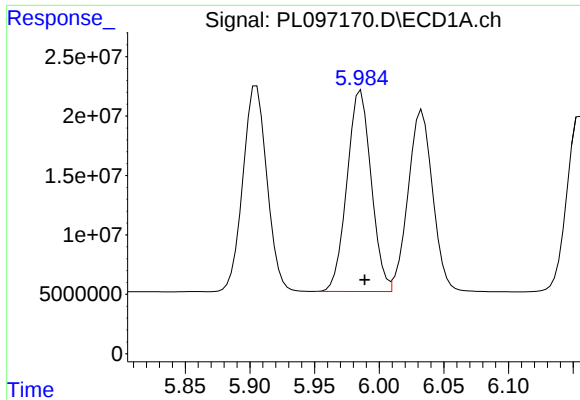
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 224172212
Conc: 48.68 ng/ml m



#10 gamma-Chlordane

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 338510918
Conc: 51.20 ng/ml



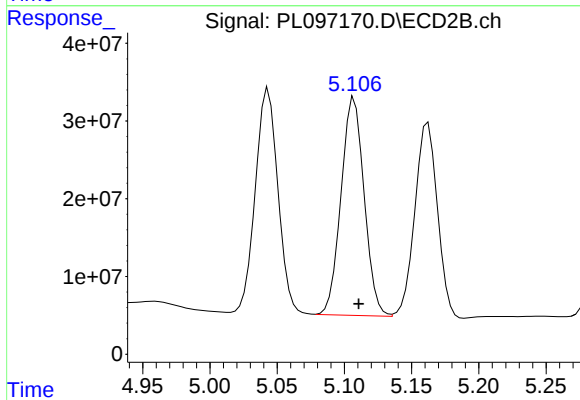
#11 alpha-Chlordane

R.T.: 5.986 min
Delta R.T.: -0.003 min
Response: 220228131
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

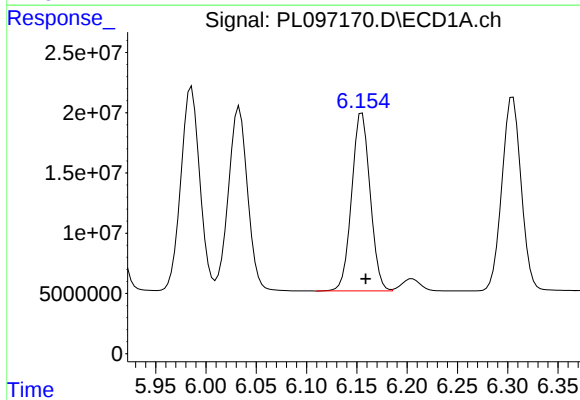
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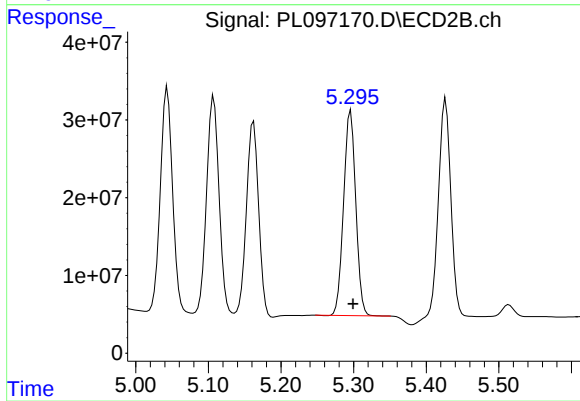
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 334829465
Conc: 51.28 ng/ml



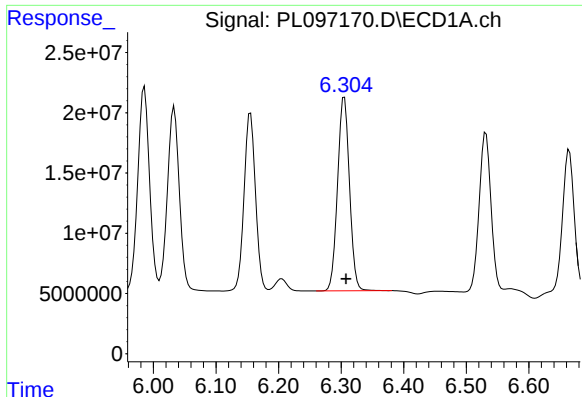
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 188044258
Conc: 47.13 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 307013096
Conc: 49.88 ng/ml



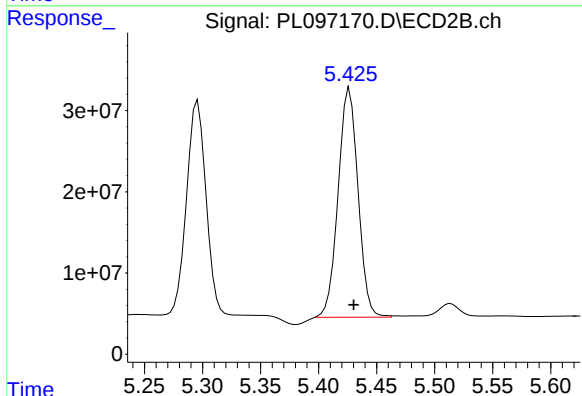
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 213758881
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

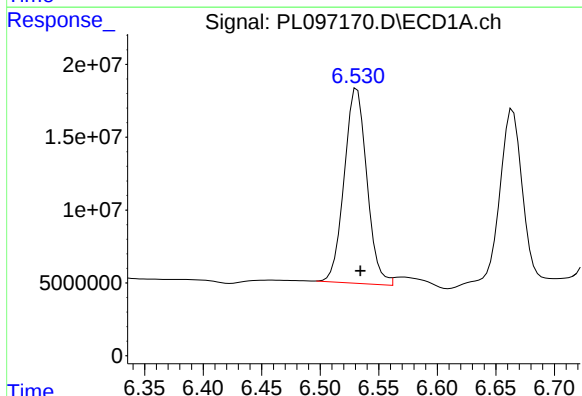
Manual Integrations
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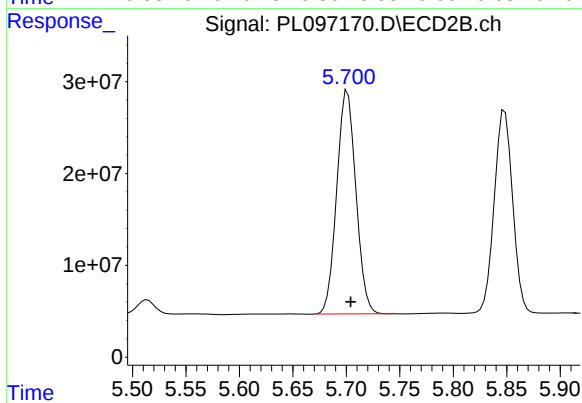
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 337206226
Conc: 51.46 ng/ml m



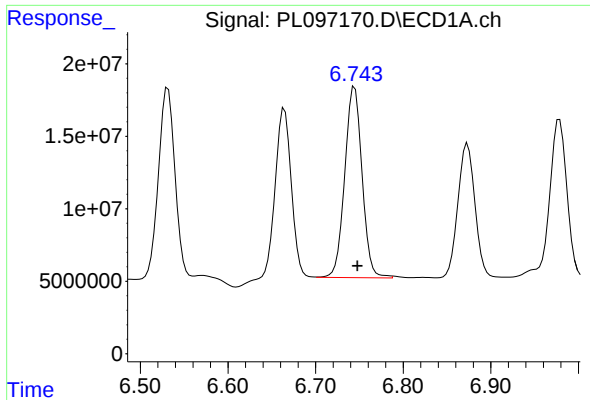
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.003 min
Response: 180264749
Conc: 48.14 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 303506742
Conc: 51.38 ng/ml



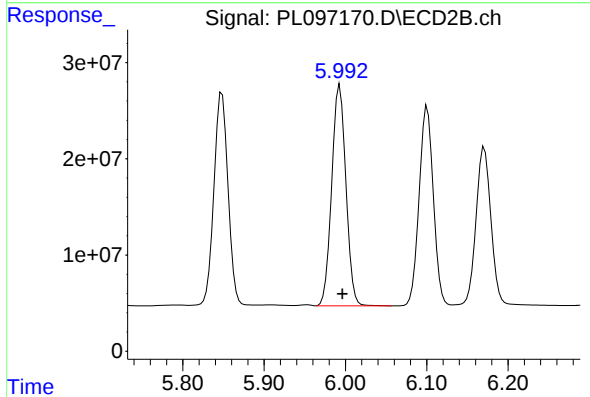
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.004 min
Response: 181070865
Conc: 41.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

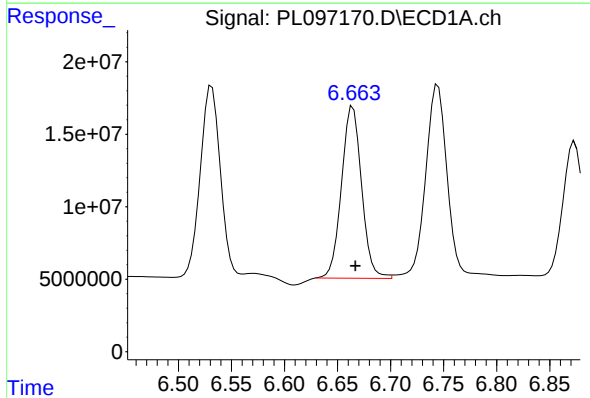
Manual Integrations
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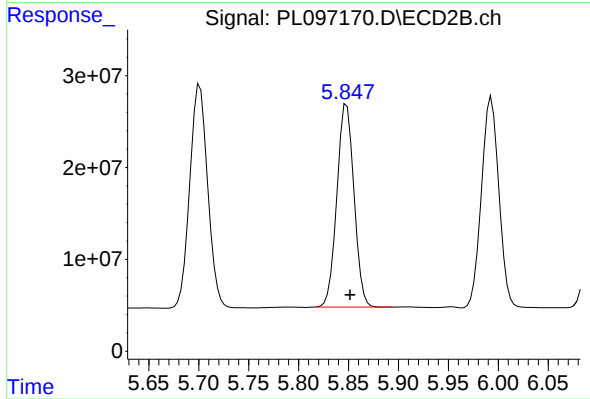
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 279008049
Conc: 48.79 ng/ml



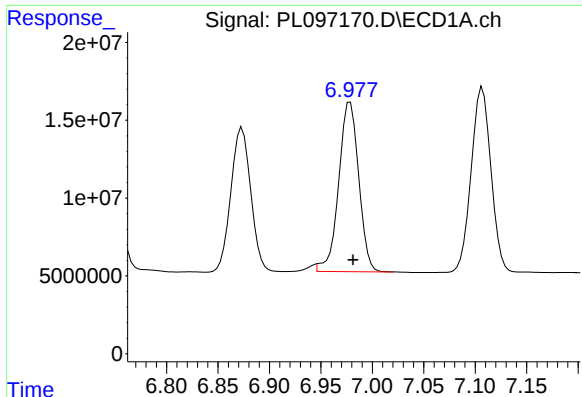
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 155827479
Conc: 49.38 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 263968092
Conc: 50.55 ng/ml



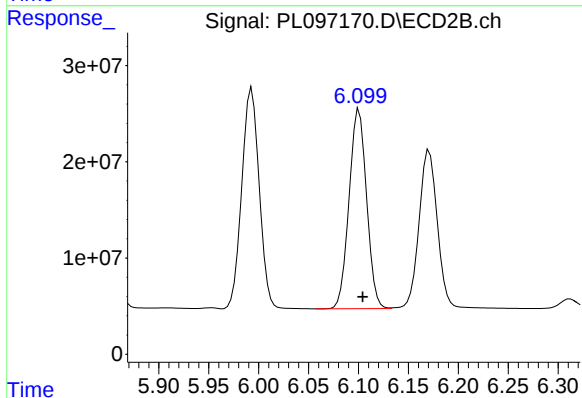
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.004 min
Response: 147393251
Conc: 42.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

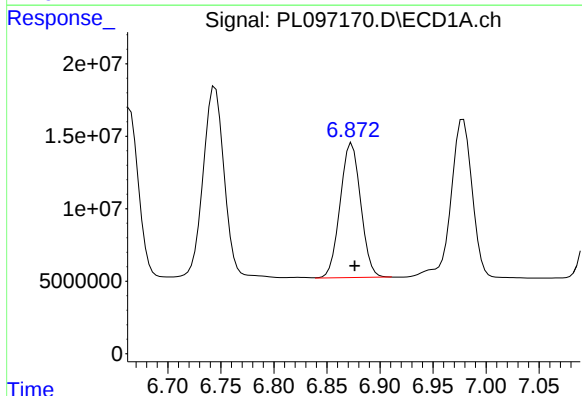
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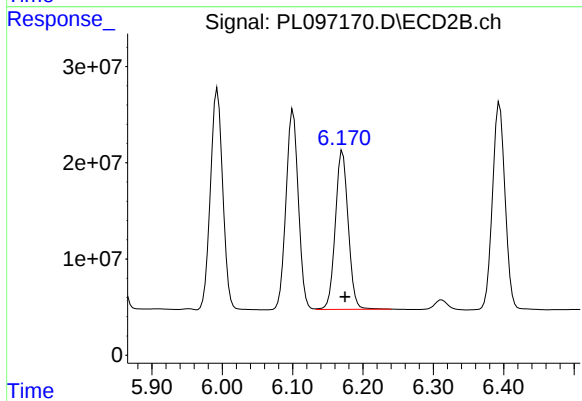
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 253012815
Conc: 46.19 ng/ml



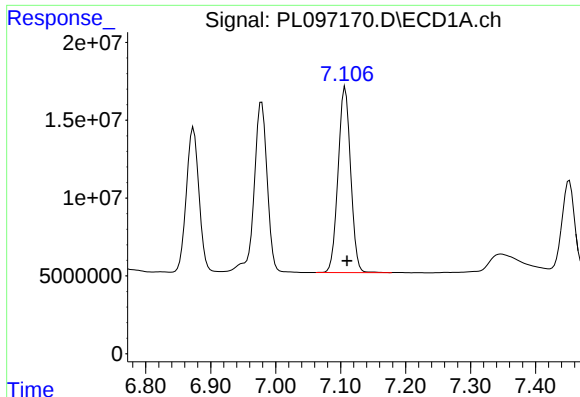
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: -0.004 min
Response: 124815122
Conc: 47.98 ng/ml m



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 209694478
Conc: 50.48 ng/ml



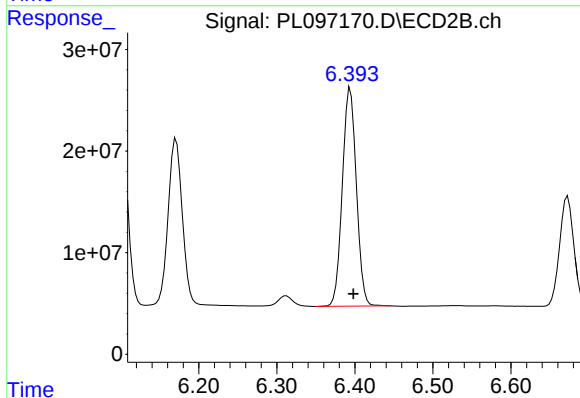
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 159917080
Conc: 46.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

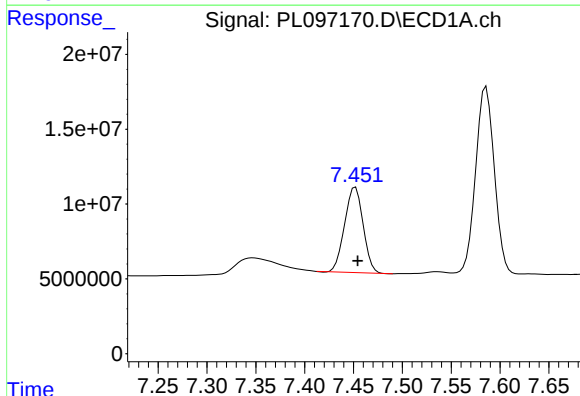
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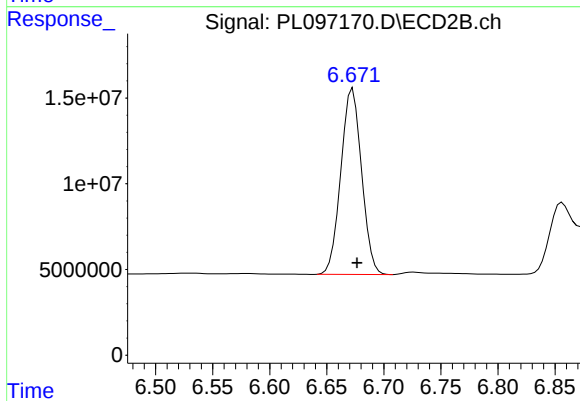
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 267656385
Conc: 47.77 ng/ml



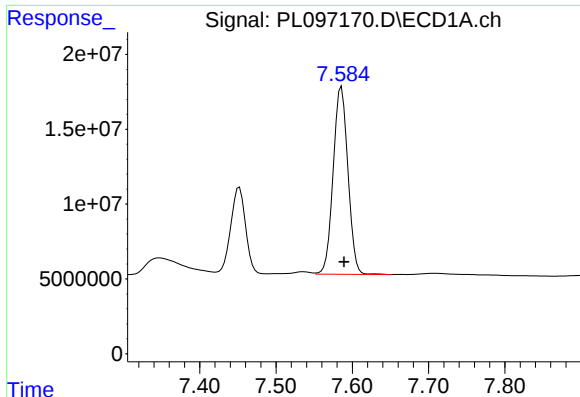
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 75131751
Conc: 43.29 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 137276690
Conc: 45.76 ng/ml



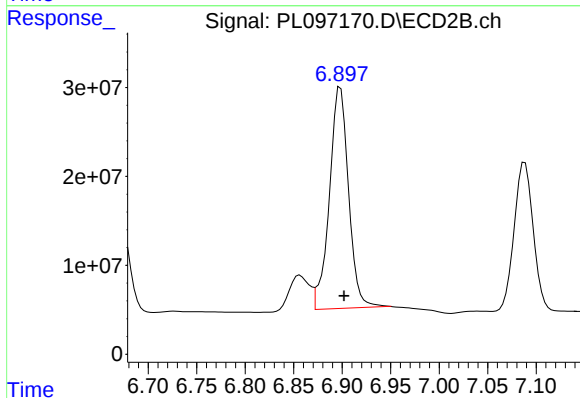
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 167697160
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

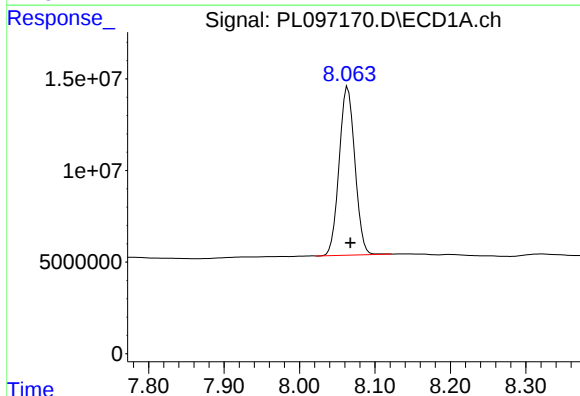
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025



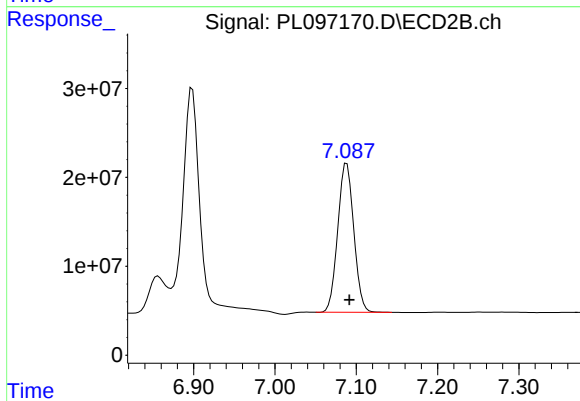
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 342682557
Conc: 54.75 ng/ml



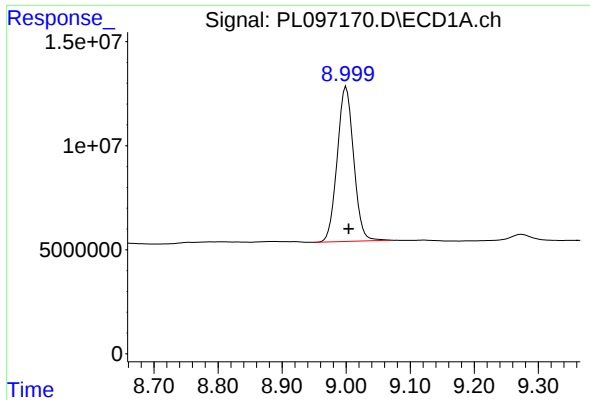
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 133002412
Conc: 44.45 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 229414263
Conc: 47.24 ng/ml



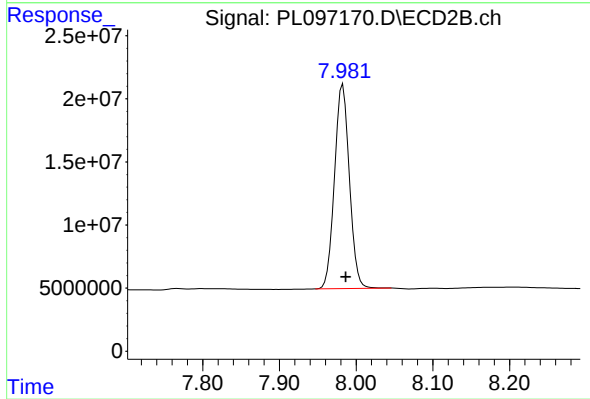
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 132552008
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/12/2025
Supervised By :mohammad ahmed 09/15/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 217895940
Conc: 45.43 ng/ml