

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062625\
 Data File : PL096189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 15:55
 Operator : AR\AJ
 Sample : PSTDICV050
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ICVPL062625

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/01/2025
 Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 04:27:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 28 04:25:53 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...	3.569	2.880	174.0E6	238.0E6	52.823	52.714
28)	SA Decachlor...	9.133	8.067	130.9E6	290.6E6	51.067	50.763
Target Compounds							
2)	A alpha-BHC	4.021	3.388	265.1E6	352.6E6	53.506	53.983
3)	MA gamma-BHC...	4.352	3.721	246.0E6	332.5E6	53.071	53.648
4)	MA Heptachlor	4.950	4.073	224.3E6	331.7E6	52.777	53.157
5)	MB Aldrin	5.291	4.357	229.0E6	314.2E6	52.647	53.177
6)	B beta-BHC	4.540	4.017	104.4E6	141.9E6	52.686	51.992
7)	B delta-BHC	4.788	4.252	233.3E6	331.6E6	52.900	53.492
8)	B Heptachlo...	5.713	4.859	207.6E6	290.4E6	53.372	52.639
9)	A Endosulfan I	6.096	5.232	189.0E6	280.7E6	52.227	49.229
10)	B gamma-Chl...	5.967	5.112	205.0E6	316.8E6	53.067	52.616
11)	B alpha-Chl...	6.048	5.177	203.2E6	309.7E6	52.411	51.273
12)	B 4,4'-DDE	6.219	5.364	187.2E6	307.0E6	52.083	52.592m
13)	MA Dieldrin	6.369	5.498	202.2E6	309.1E6	52.399	53.060
14)	MA Endrin	6.597	5.774	165.4E6	278.6E6	52.051	52.251
15)	B Endosulfa...	6.811	6.067	177.0E6	274.6E6	49.884	51.981
16)	A 4,4'-DDD	6.731	5.921	155.8E6	255.5E6	52.718	52.529
17)	MA 4,4'-DDT	7.048	6.175	153.6E6	269.1E6	52.567	52.421
18)	B Endrin al...	6.940	6.246	127.1E6	211.2E6	52.371	50.426
19)	B Endosulfa...	7.176	6.471	158.3E6	262.5E6	51.571	51.941
20)	A Methoxychlor	7.526	6.750	77011168	146.9E6	51.020	51.455
21)	B Endrin ke...	7.659	6.979	169.2E6	301.2E6	51.950	51.532
22)	Mirex	8.144	7.172	127.4E6	242.7E6	51.090	50.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062625\
Data File : PL096189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 15:55
Operator : AR\AJ
Sample : PSTDICV050
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ICVPL062625

Manual Integrations

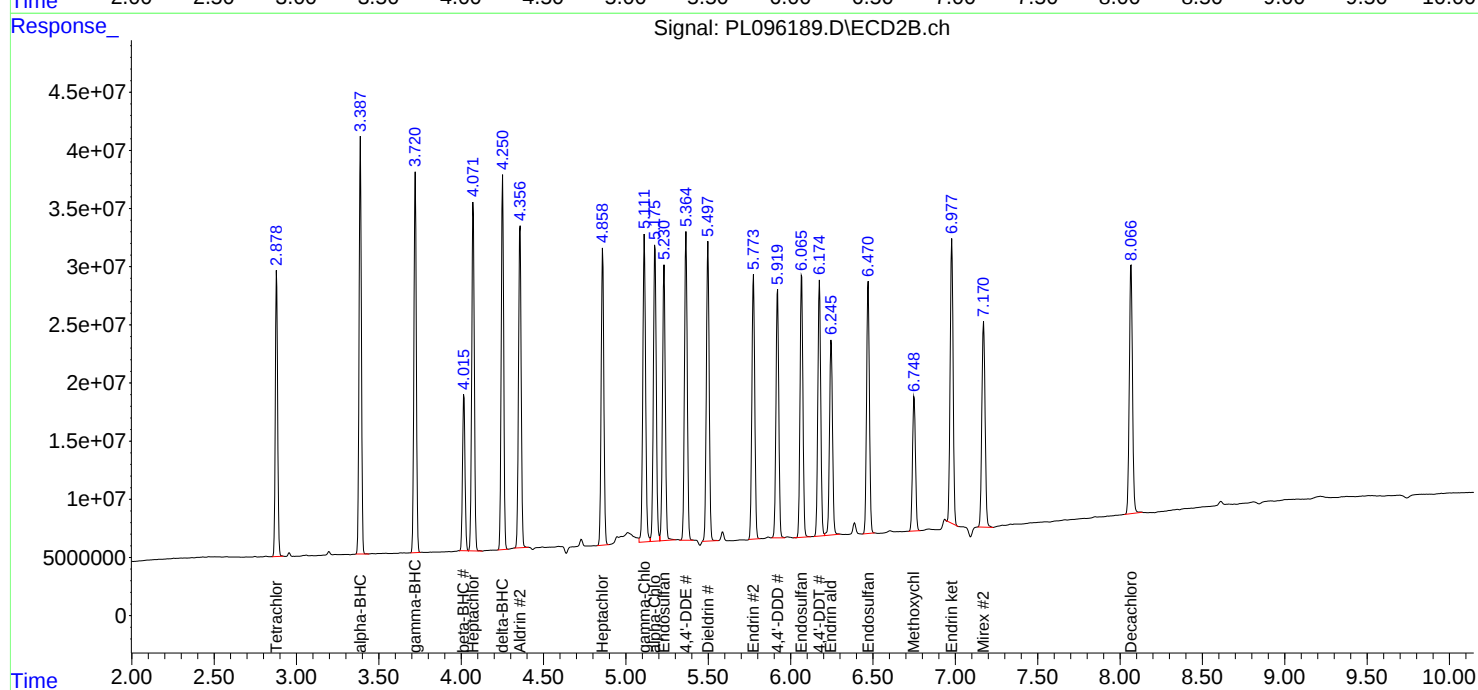
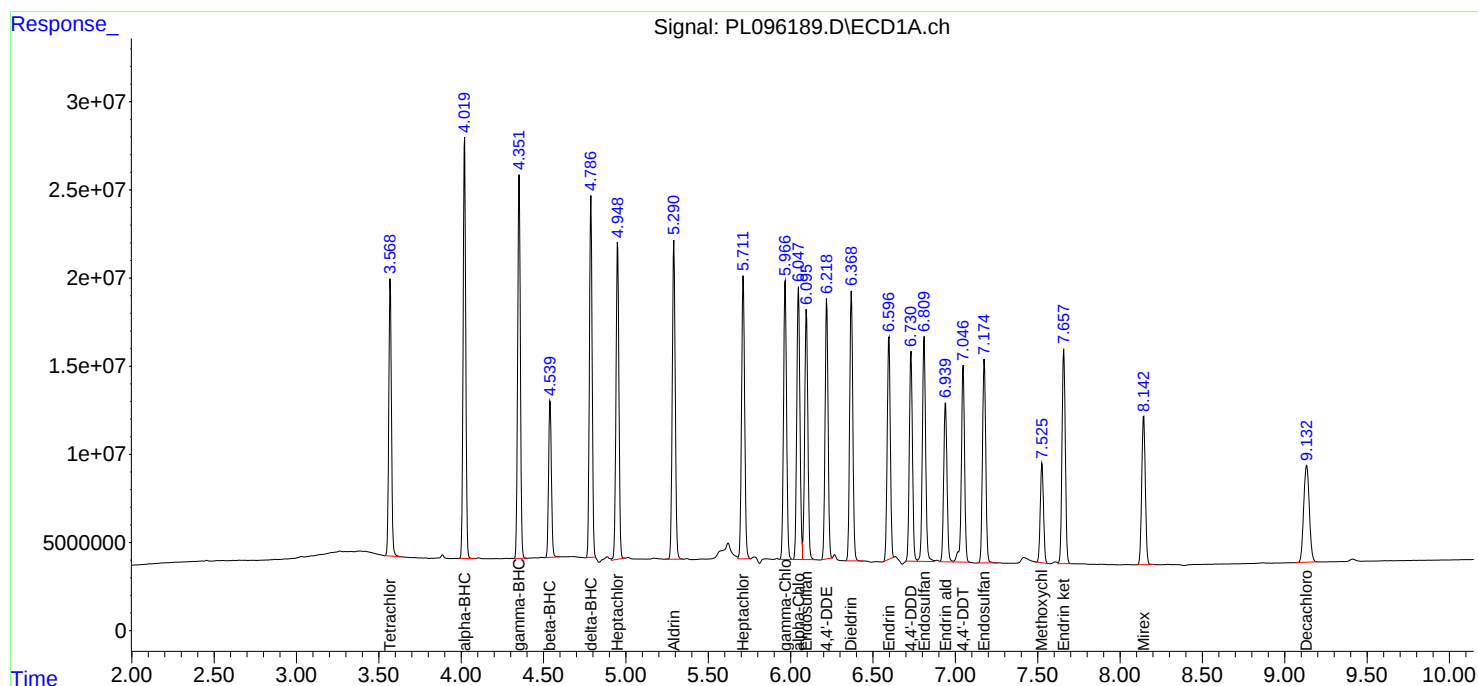
APPROVED

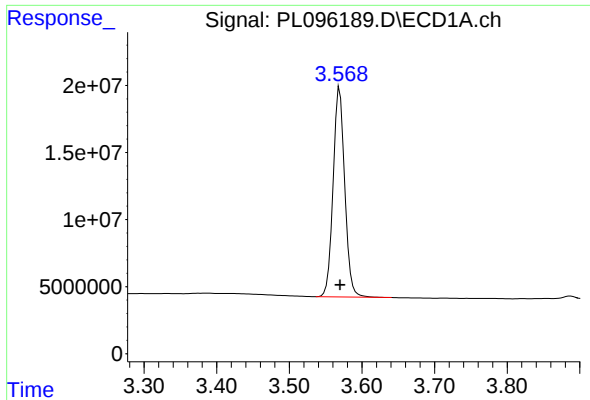
Reviewed By :Abdul Mirza 07/01/2025

Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 04:27:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062625.M
Quant Title : GC Extractables
QLast Update : Sat Jun 28 04:25:53 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





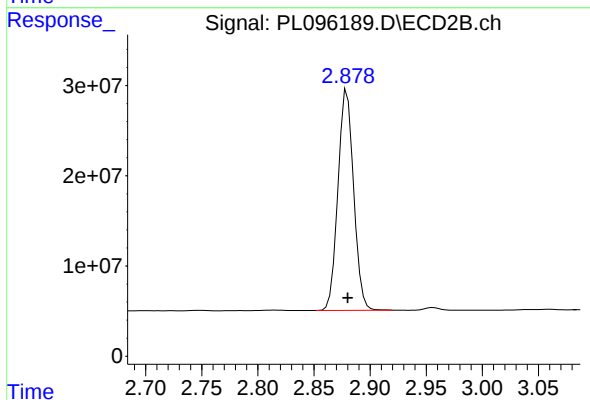
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 173970175
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

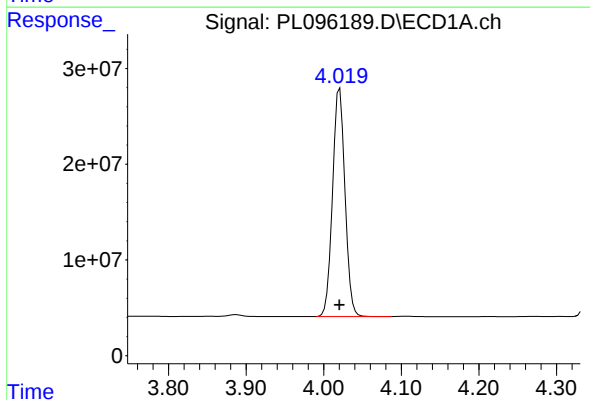
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



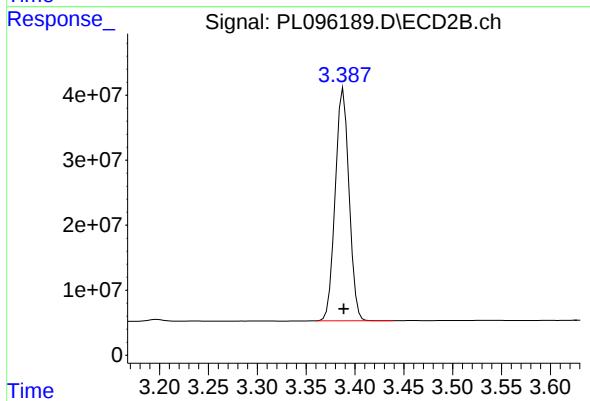
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 237975867
Conc: 52.71 ng/ml



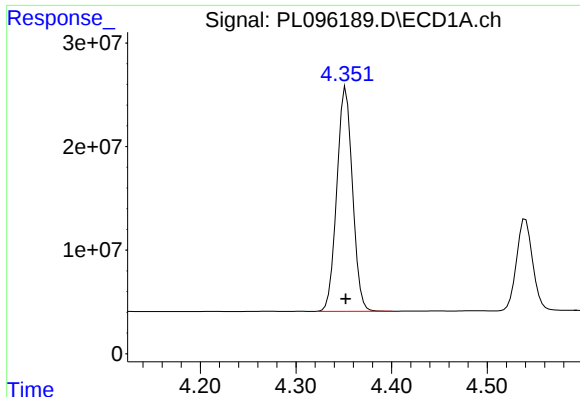
#2 alpha-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 265133075
Conc: 53.51 ng/ml



#2 alpha-BHC

R.T.: 3.388 min
Delta R.T.: 0.000 min
Response: 352610703
Conc: 53.98 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 246037577
Conc: 53.07 ng/ml

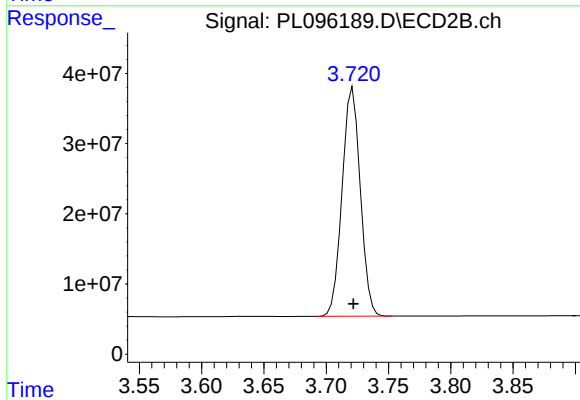
Instrument :

ECD_L

ClientSampleId :
ICVPL062625

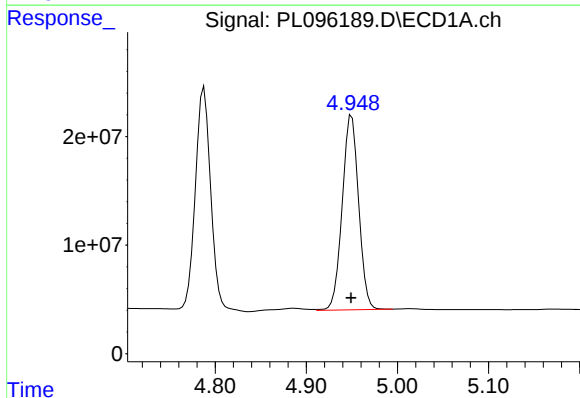
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



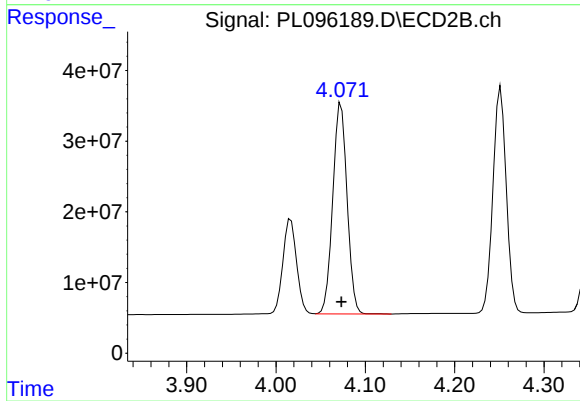
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: 0.000 min
Response: 332531667
Conc: 53.65 ng/ml



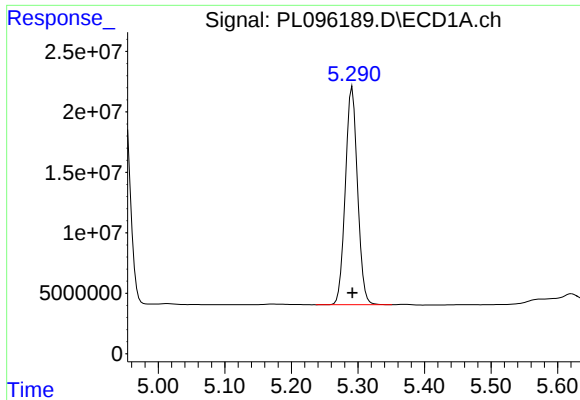
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 224272951
Conc: 52.78 ng/ml



#4 Heptachlor

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 331696109
Conc: 53.16 ng/ml



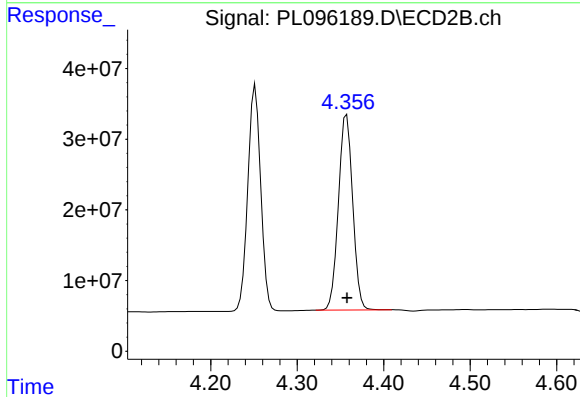
#5 Aldrin

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 229036016
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

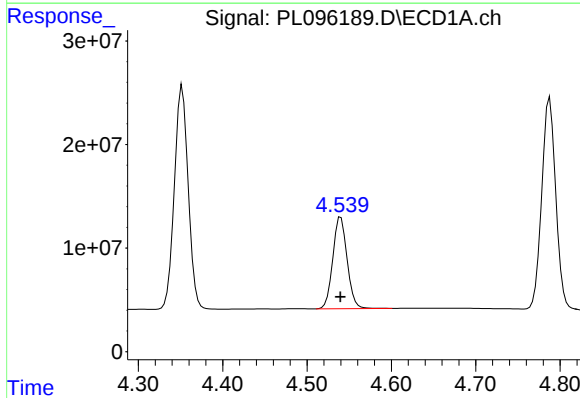
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



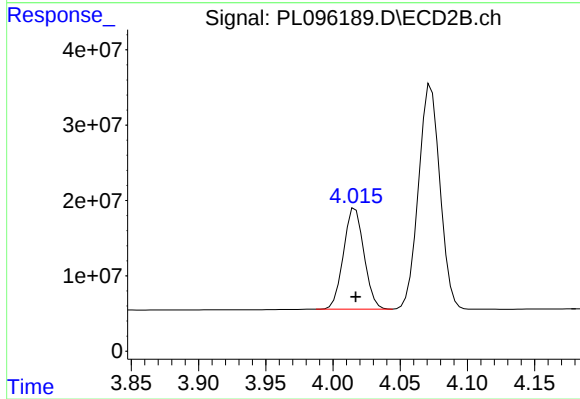
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 314189248
Conc: 53.18 ng/ml



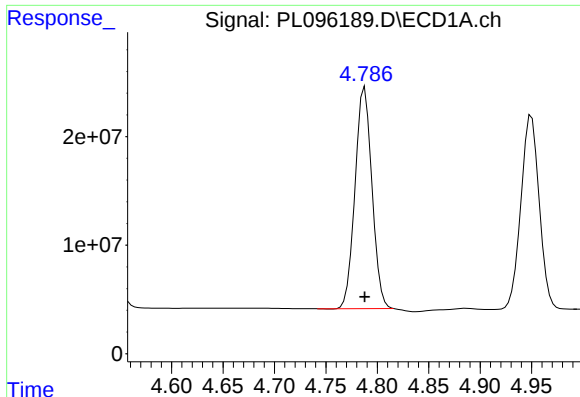
#6 beta-BHC

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 104355591
Conc: 52.69 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: 0.000 min
Response: 141856744
Conc: 51.99 ng/ml



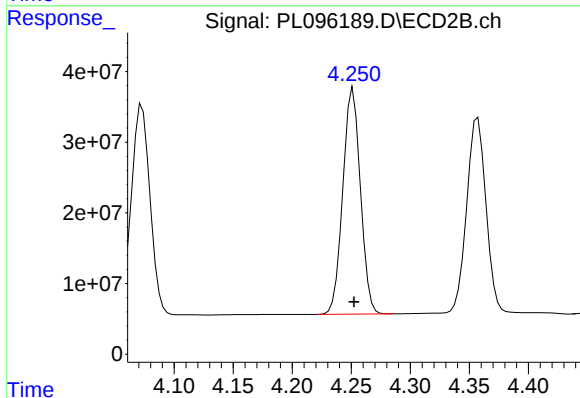
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 233320046
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

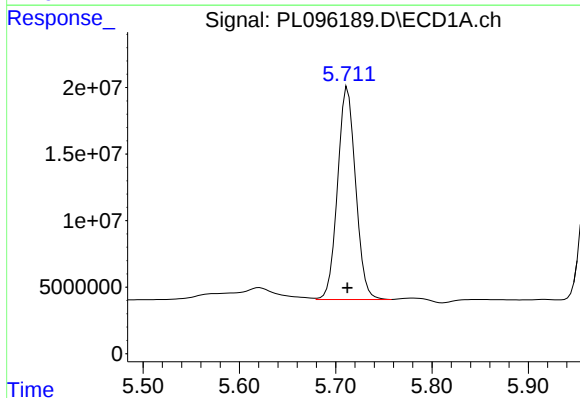
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



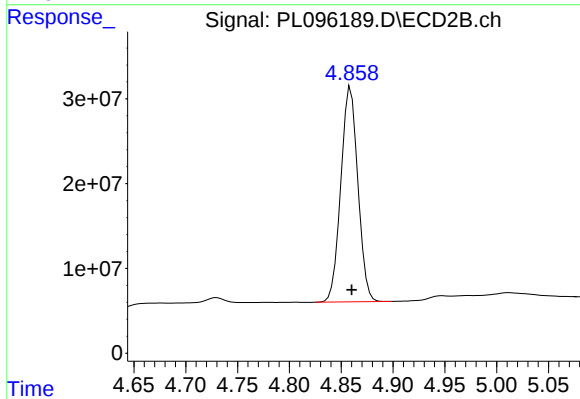
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: 0.000 min
Response: 331595372
Conc: 53.49 ng/ml



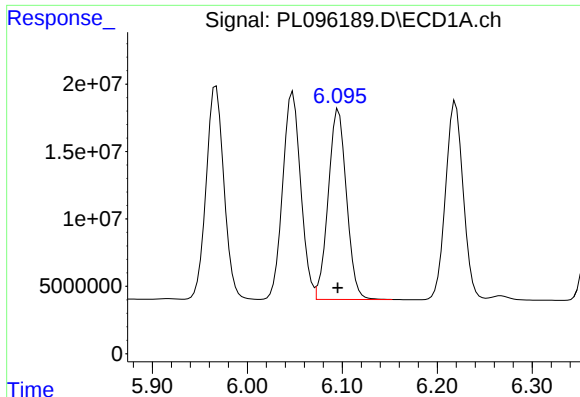
#8 Heptachlor epoxide

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 207563464
Conc: 53.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 290419543
Conc: 52.64 ng/ml



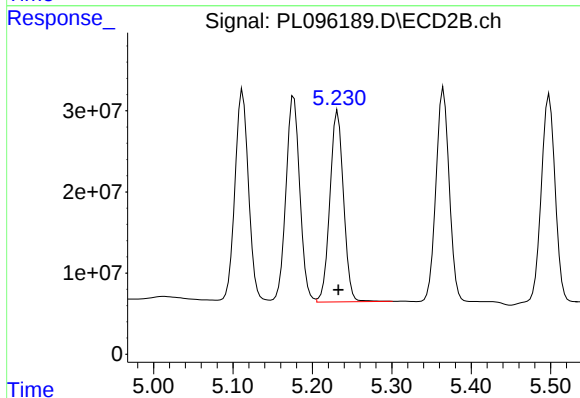
#9 Endosulfan I

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 189004659
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

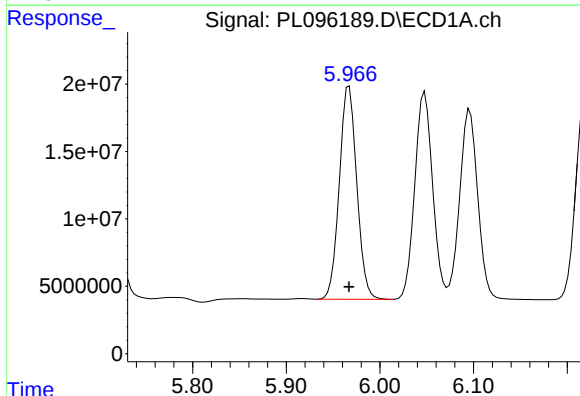
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



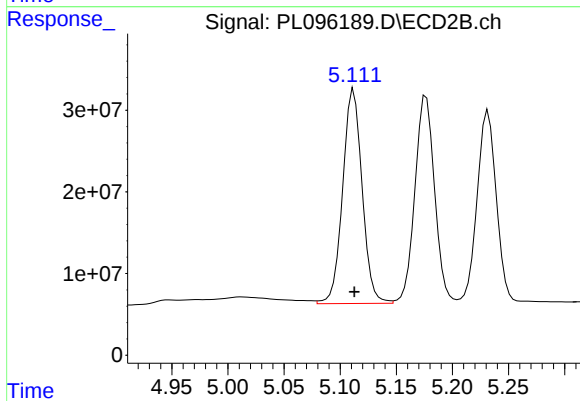
#9 Endosulfan I

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 280707816
Conc: 49.23 ng/ml



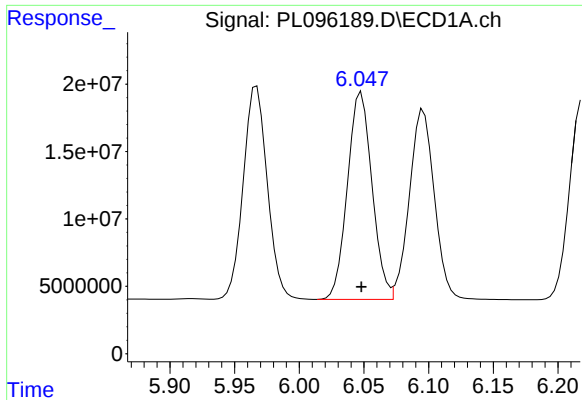
#10 gamma-Chlordane

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 205039070
Conc: 53.07 ng/ml



#10 gamma-Chlordane

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 316790382
Conc: 52.62 ng/ml



#11 alpha-Chlordane

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 203207080
Conc: 52.41 ng/ml

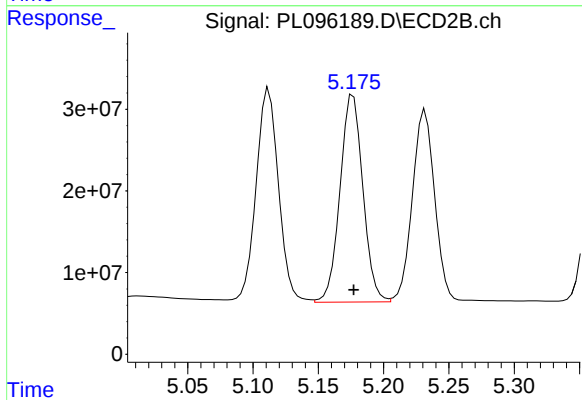
Instrument :

ECD_L

ClientSampleId :
ICVPL062625

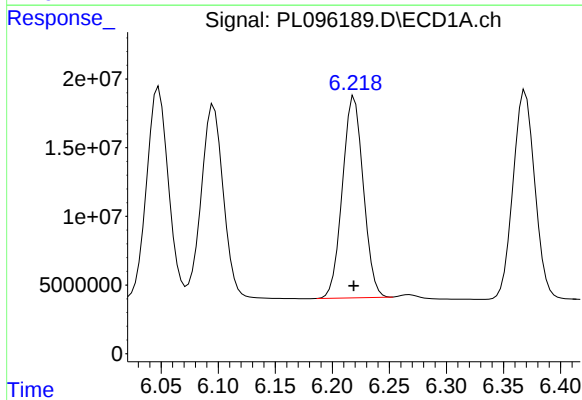
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



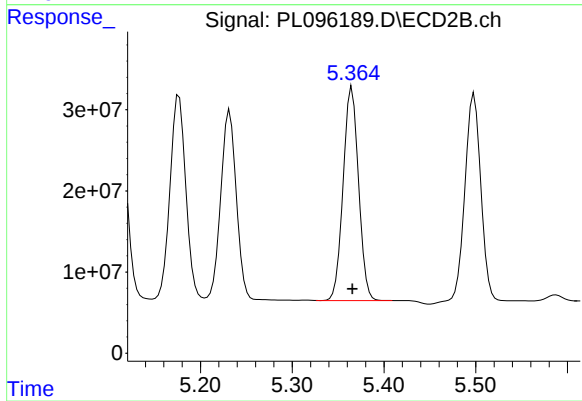
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 309748192
Conc: 51.27 ng/ml



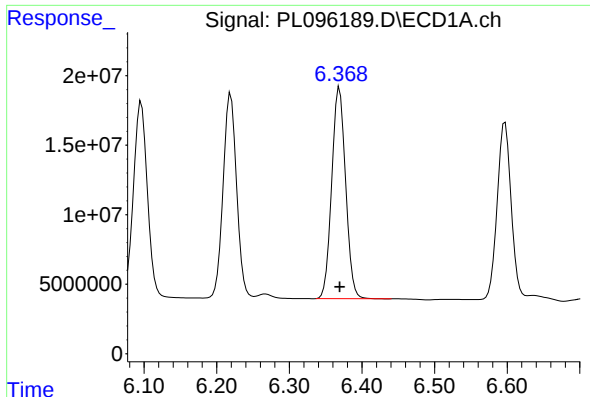
#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 187188777
Conc: 52.08 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 306983823
Conc: 52.59 ng/ml m



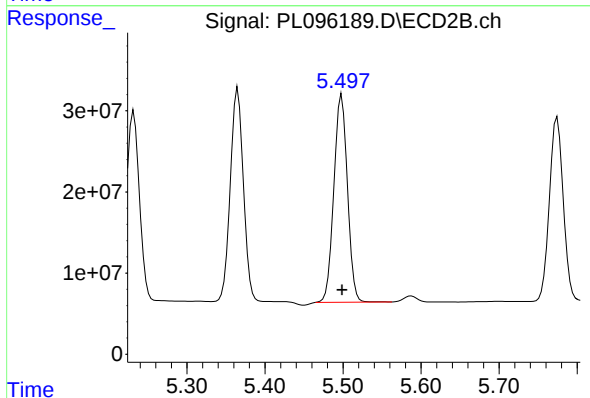
#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 202215788
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

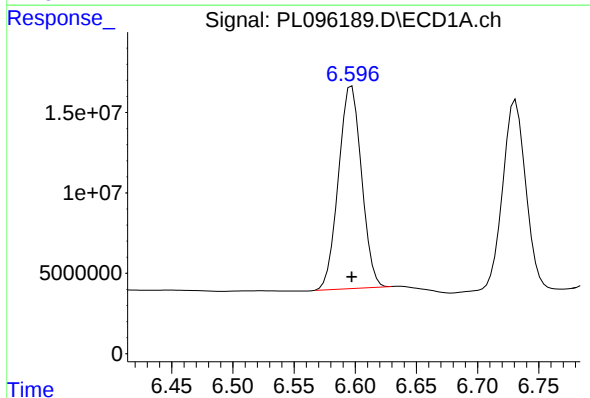
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



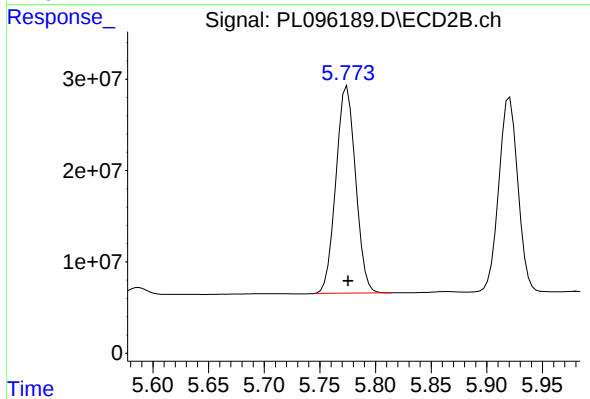
#13 Dieldrin

R.T.: 5.498 min
Delta R.T.: 0.000 min
Response: 309089147
Conc: 53.06 ng/ml



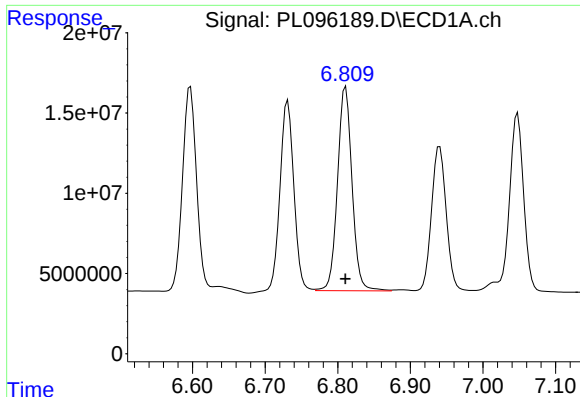
#14 Endrin

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 165409131
Conc: 52.05 ng/ml



#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 278641649
Conc: 52.25 ng/ml



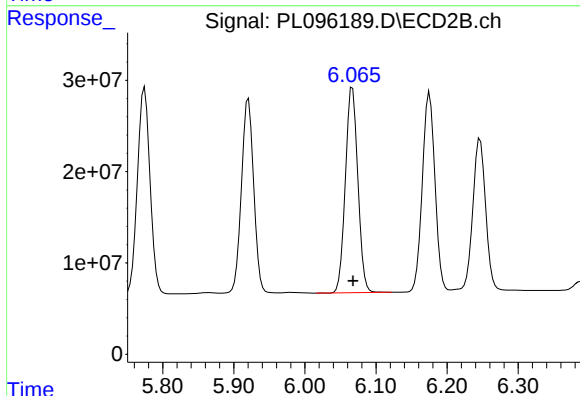
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 176960278
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

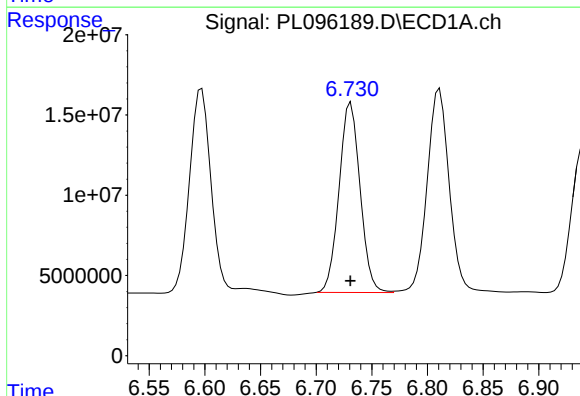
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



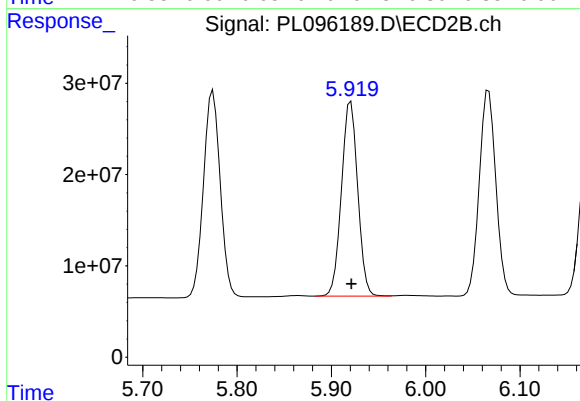
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 274613348
Conc: 51.98 ng/ml



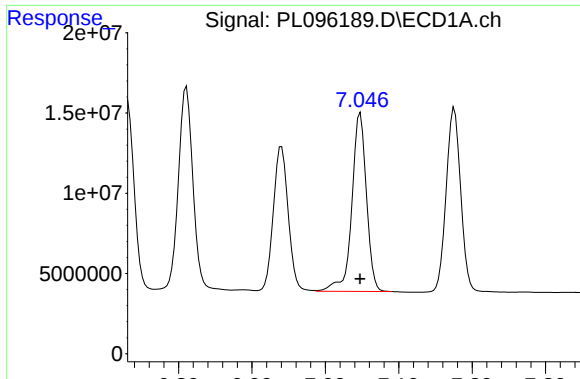
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 155763463
Conc: 52.72 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 255477052
Conc: 52.53 ng/ml



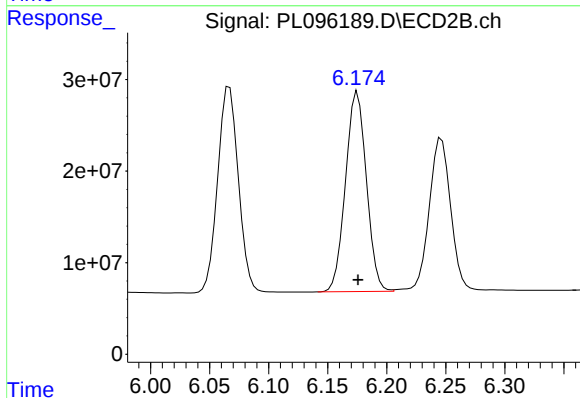
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 153639366
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

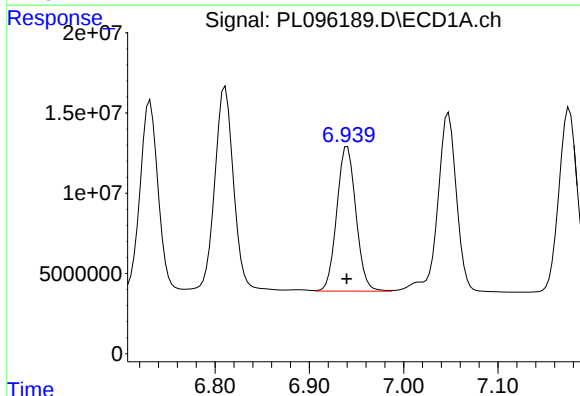
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



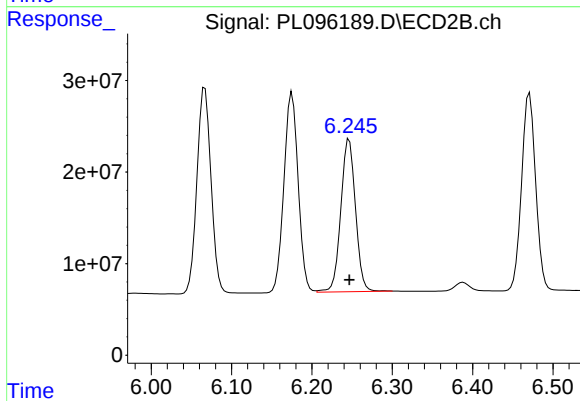
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 269056893
Conc: 52.42 ng/ml



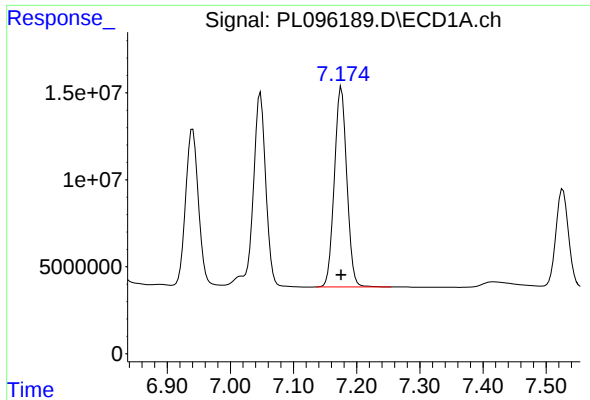
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 127058751
Conc: 52.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 211211128
Conc: 50.43 ng/ml



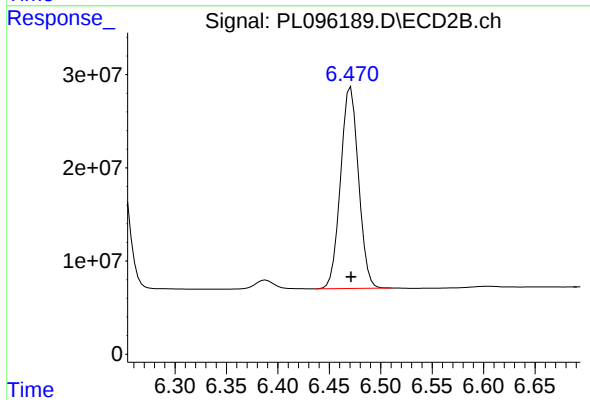
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 158299818
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

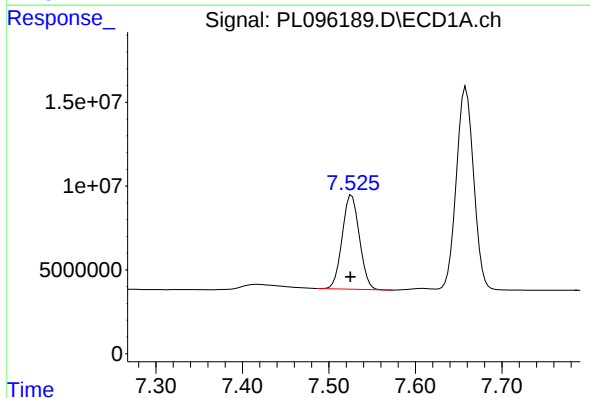
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



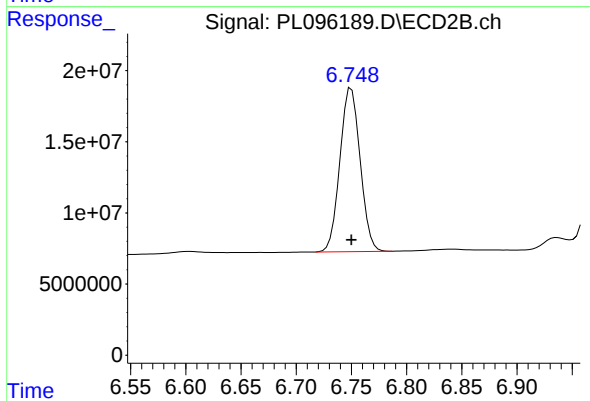
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 262476849
Conc: 51.94 ng/ml



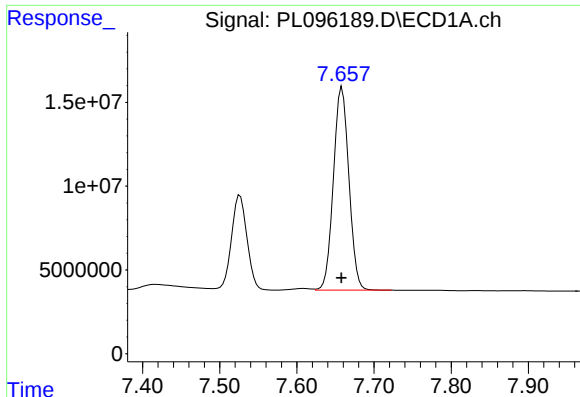
#20 Methoxychlor

R.T.: 7.526 min
Delta R.T.: 0.002 min
Response: 77011168
Conc: 51.02 ng/ml



#20 Methoxychlor

R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 146850330
Conc: 51.46 ng/ml



#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 169211763
Conc: 51.95 ng/ml

Instrument :

ECD_L

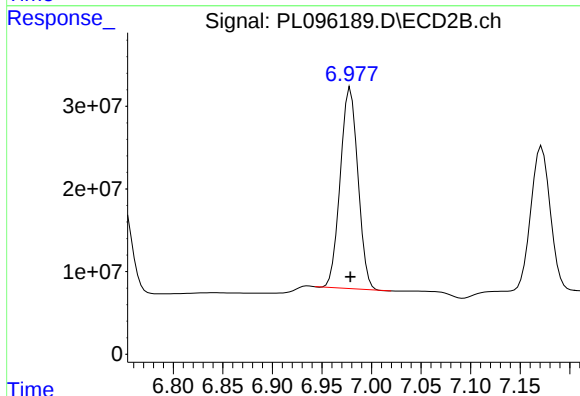
ClientSampleId :

ICVPL062625

Manual Integrations

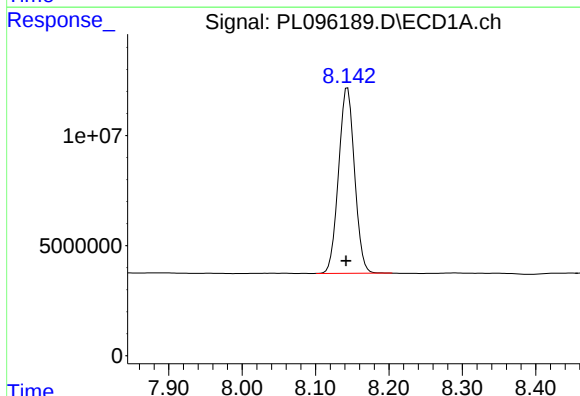
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



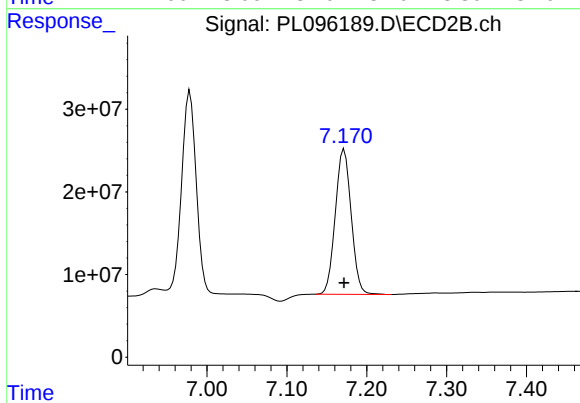
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 301237421
Conc: 51.53 ng/ml



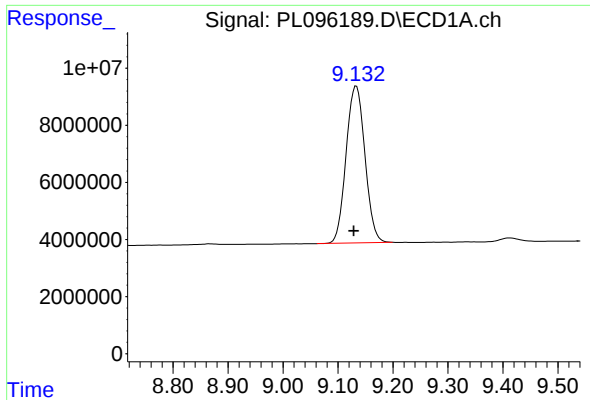
#22 Mirex

R.T.: 8.144 min
Delta R.T.: 0.002 min
Response: 127415820
Conc: 51.09 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 242718247
Conc: 50.91 ng/ml



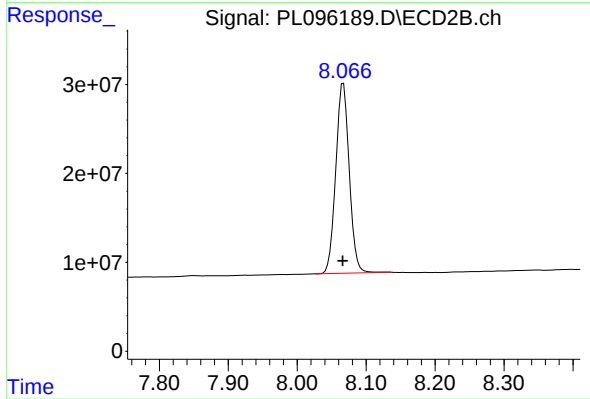
#28 Decachlorobiphenyl

R.T.: 9.133 min
Delta R.T.: 0.005 min
Response: 130869103
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
ICVPL062625

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/01/2025
Supervised By :mohammad ahmed 07/01/2025



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 290587848
Conc: 50.76 ng/ml