

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071725\
 Data File : PL096439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 19:52
 Operator : AR\AJ
 Sample : Q2622-01MS 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 2819

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 02:37:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.536	2.827	2978460	9569948	0.816m	1.658m#
28)	SA Decachlor...	9.021	7.994	4834431	9422965	1.719m	1.890
Target Compounds							
2)	A alpha-BHC	3.984	3.334	13064118	21572933	2.540	2.558
3)	MA gamma-BHC...	4.311	3.667	13680361	22603121	2.747m	2.870
4)	MA Heptachlor	4.904	4.016	15693591	20525831	3.426m	2.698
5)	MB Aldrin	5.245	4.298	13854495	19798666	2.866	2.714
6)	B beta-BHC	4.499	3.961	6896167	9491818	3.317	2.772m
7)	B delta-BHC	4.746	4.195	18339255	19887785	4.092	2.582 #
8)	B Heptachlo...	5.663	4.800	15727000	19202604	3.790m	2.873
9)	A Endosulfan I	6.047	5.173	17330510	18203540	4.293	2.537 #
10)	B gamma-Chl...	5.918	5.053	16269433	20144141	3.677	2.870
11)	B alpha-Chl...	5.999	5.116	16578566	20216384	3.786	2.688 #
12)	B 4,4'-DDE	6.169	5.304	11912967	17596953	3.213	2.722m
13)	MA Dieldrin	6.319	5.436	14151961	22152706	3.347	3.249
14)	MA Endrin	6.546	5.711	12637642	20647824	4.063	3.387
15)	B Endosulfa...	6.758	6.001	13926977	21304529	4.013	3.633m
16)	A 4,4'-DDD	6.677	5.856	11800851	18576946	4.053	3.622m
17)	MA 4,4'-DDT	6.992	6.111	13117431	18128547	4.322	3.161 #
18)	B Endrin al...	6.886	6.180	10558172	25518178	4.723	5.728
19)	B Endosulfa...	7.120	6.404	13185508	24312182	4.311	4.323
20)	A Methoxychlor	7.463	6.684	10965951	10238497	6.961m	3.370 #
21)	B Endrin ke...	7.598	6.908	14229601	24192482	4.310m	3.869
22)	Mirex	8.080	7.100	13086424	21311934	4.704	4.290

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071725\
Data File : PL096439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 19:52
Operator : AR\AJ
Sample : Q2622-01MS 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

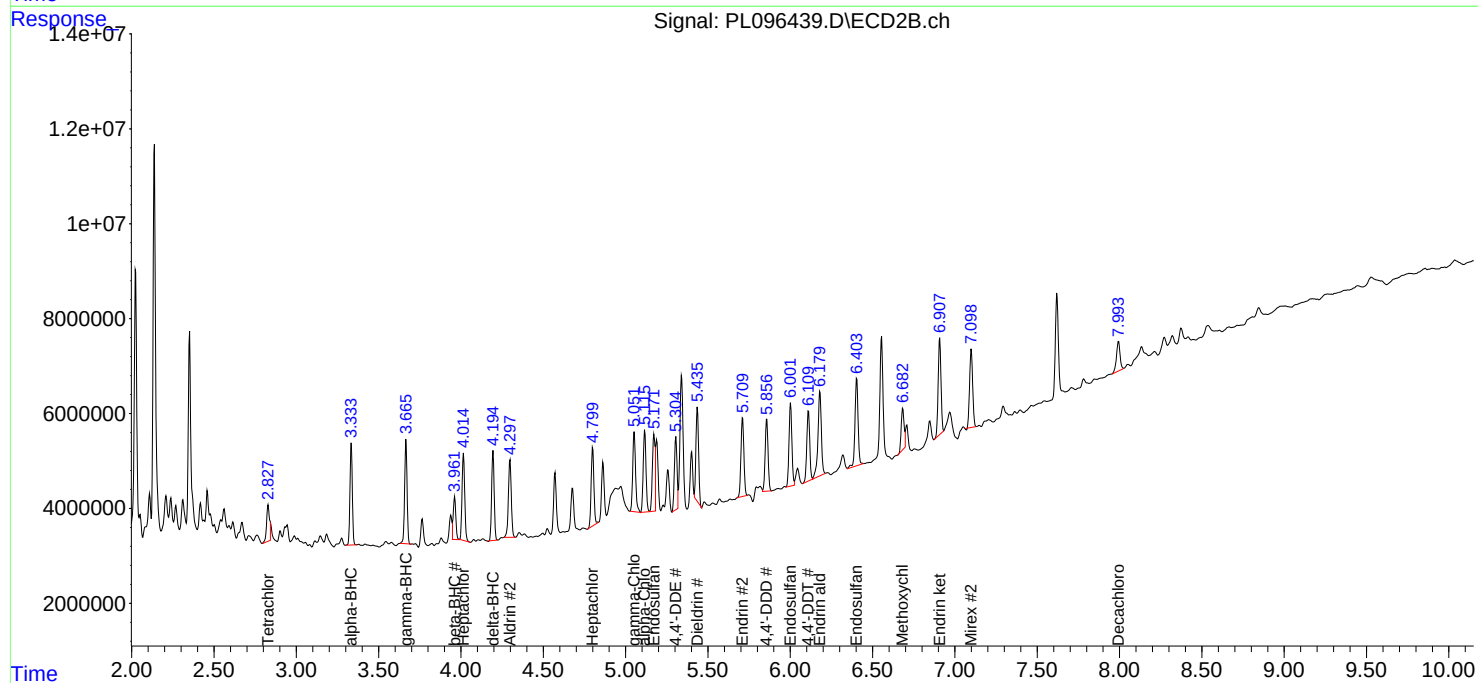
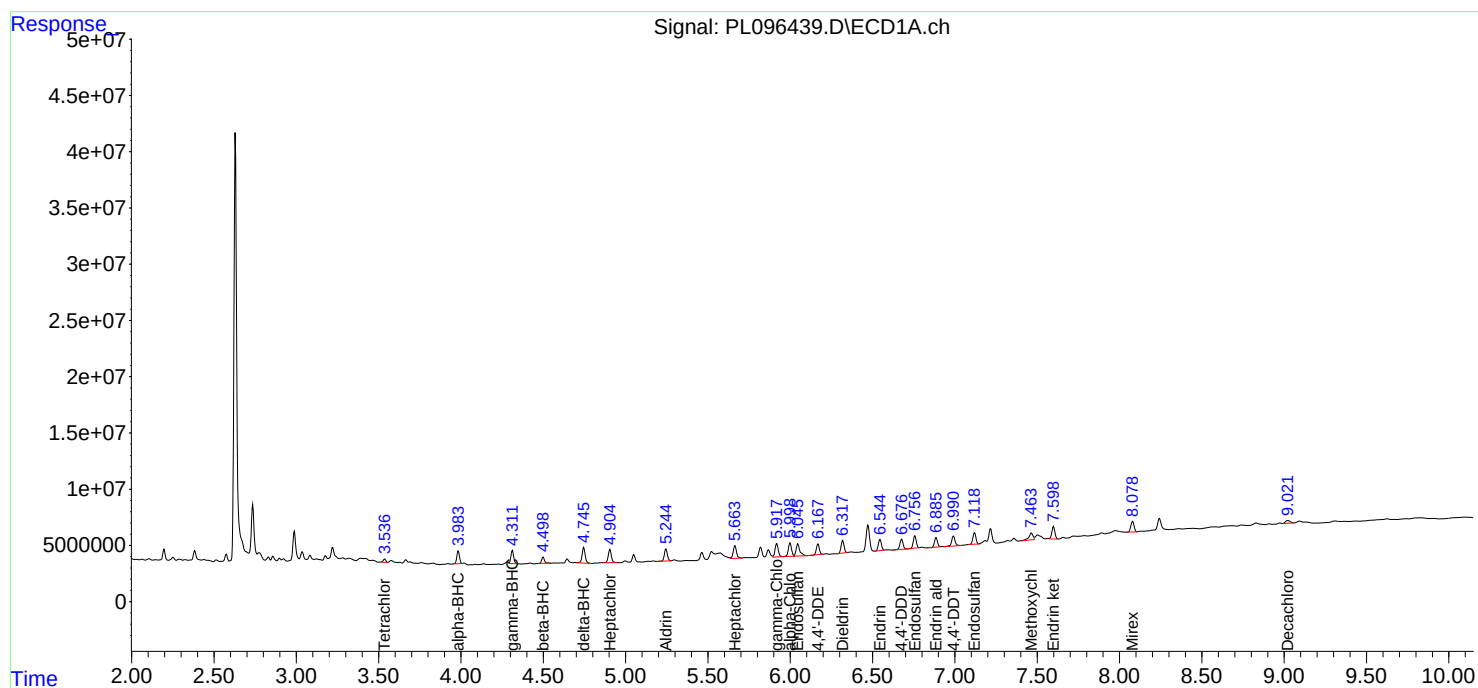
Instrument :
ECD_L
ClientSampleId :
2819

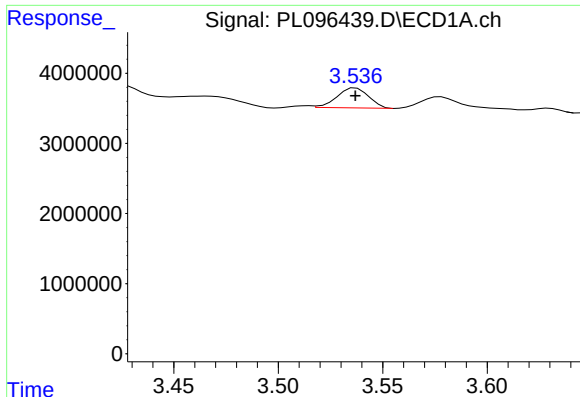
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 02:37:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





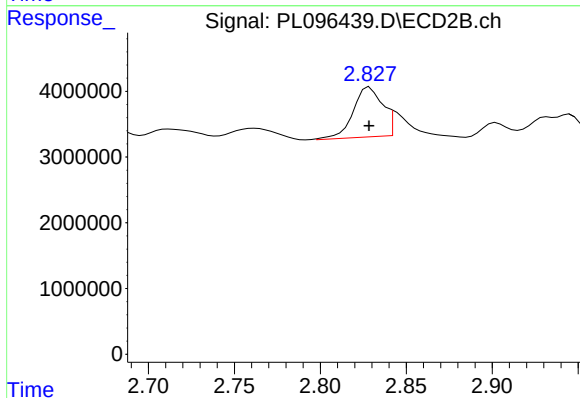
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 2978460
Conc: 0.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

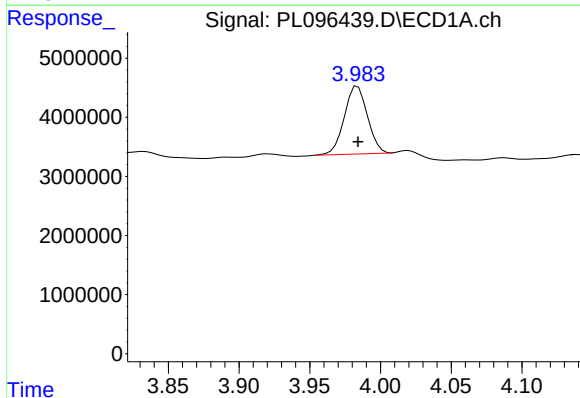
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



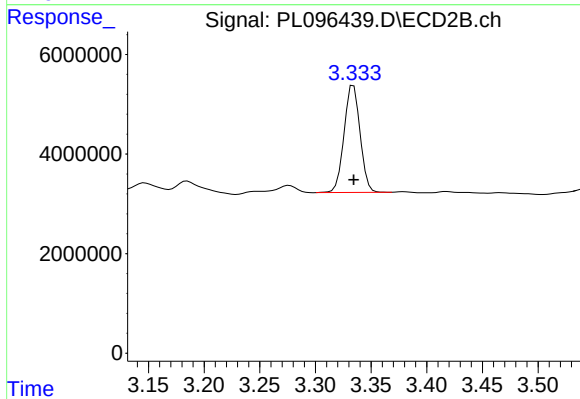
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 9569948
Conc: 1.66 ng/ml m



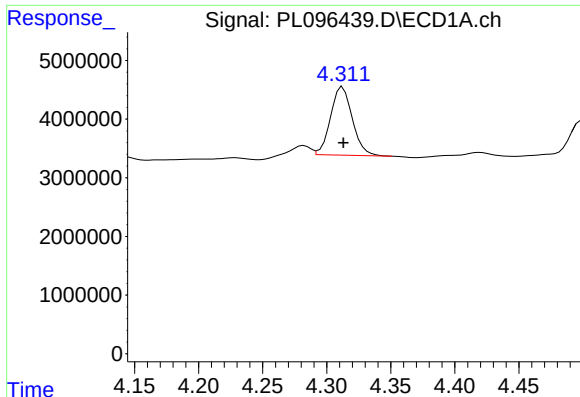
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 13064118
Conc: 2.54 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 21572933
Conc: 2.56 ng/ml



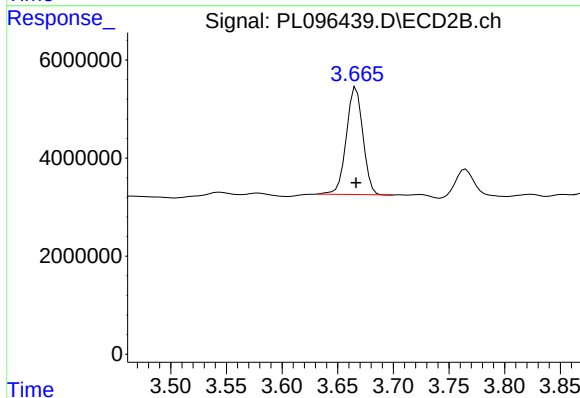
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 13680361
Conc: 2.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

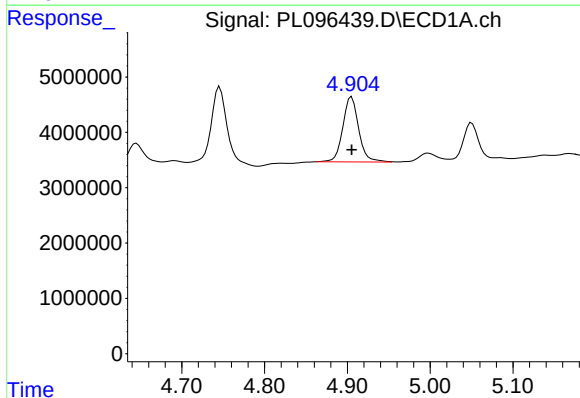
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



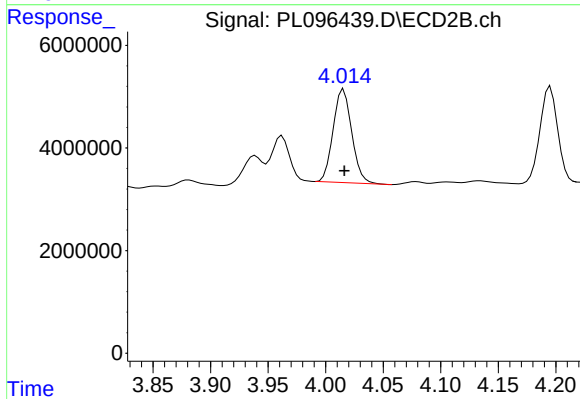
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 22603121
Conc: 2.87 ng/ml



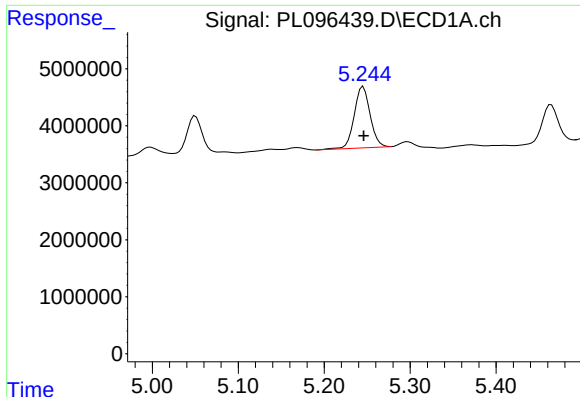
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 15693591
Conc: 3.43 ng/ml m



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 20525831
Conc: 2.70 ng/ml



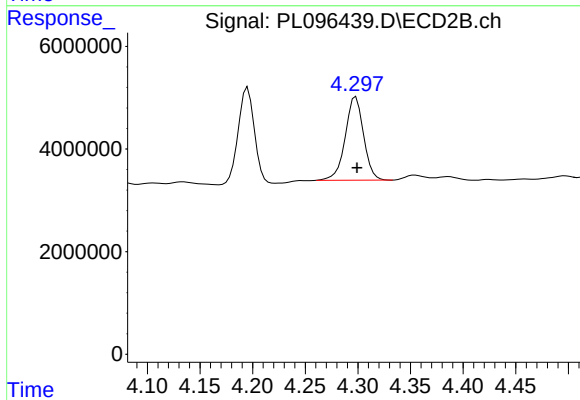
#5 Aldrin

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 13854495
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

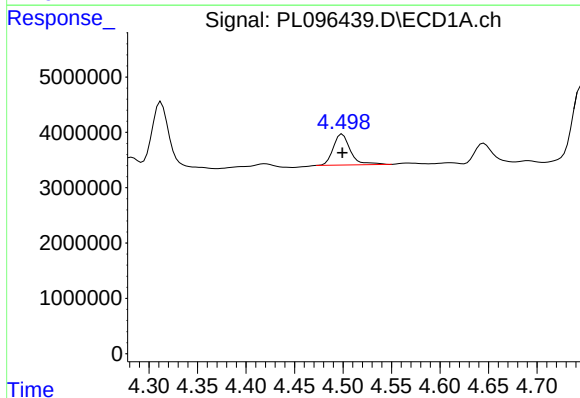
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



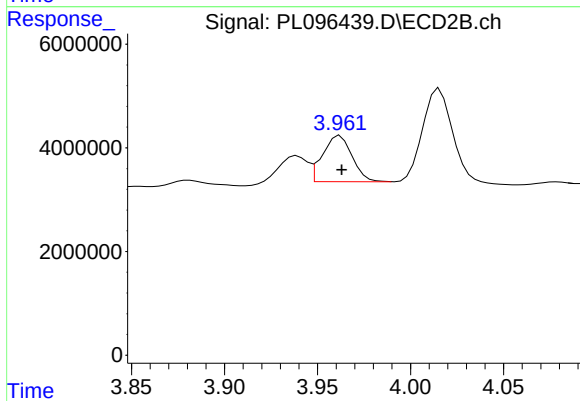
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.001 min
Response: 19798666
Conc: 2.71 ng/ml



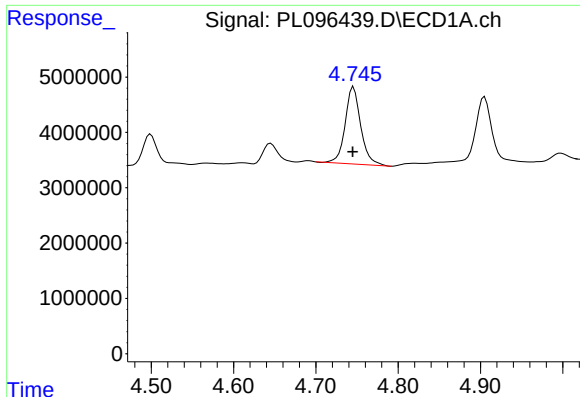
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 6896167
Conc: 3.32 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 9491818
Conc: 2.77 ng/ml m



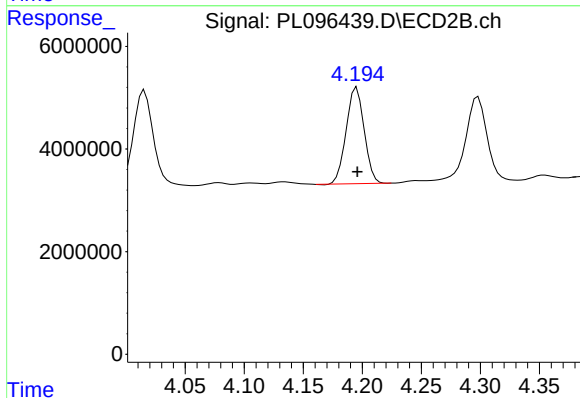
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.001 min
Response: 18339255
Conc: 4.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

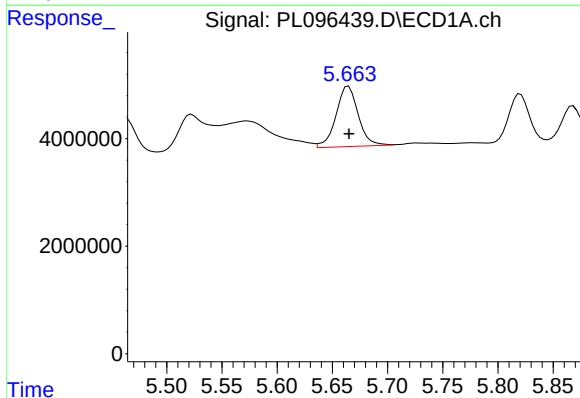
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



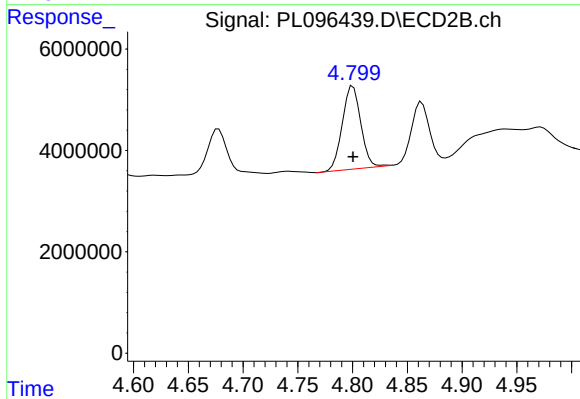
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 19887785
Conc: 2.58 ng/ml



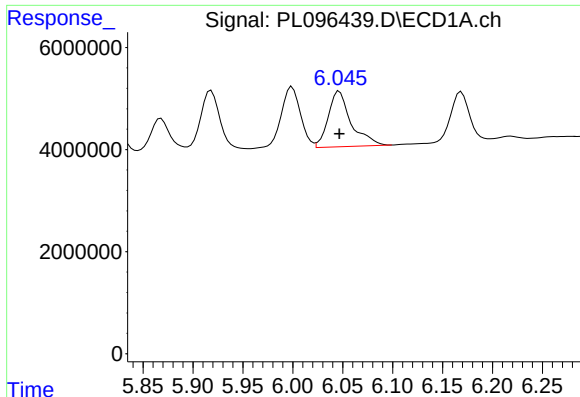
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 15727000
Conc: 3.79 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 19202604
Conc: 2.87 ng/ml



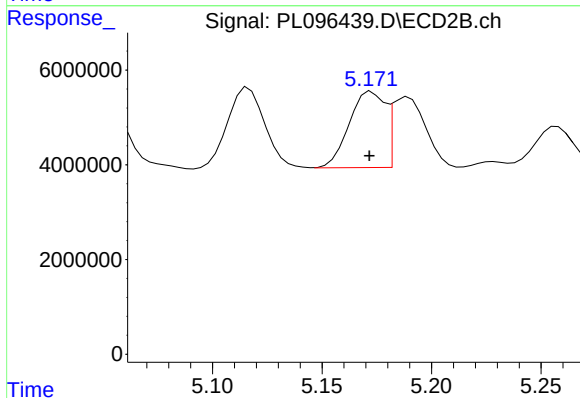
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 17330510
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

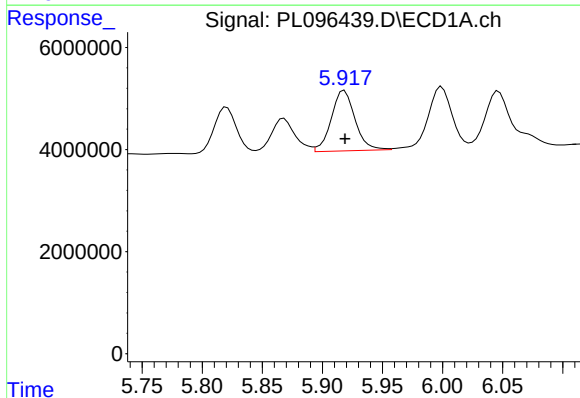
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



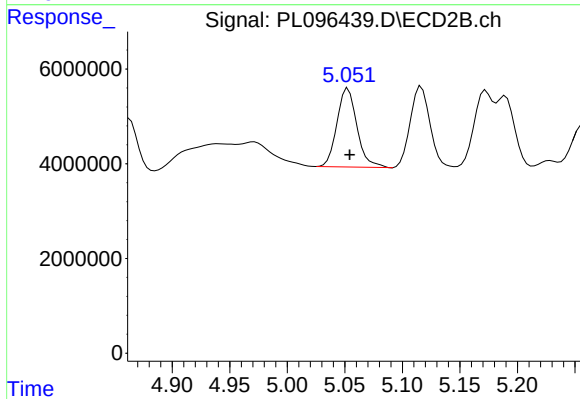
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 18203540
Conc: 2.54 ng/ml



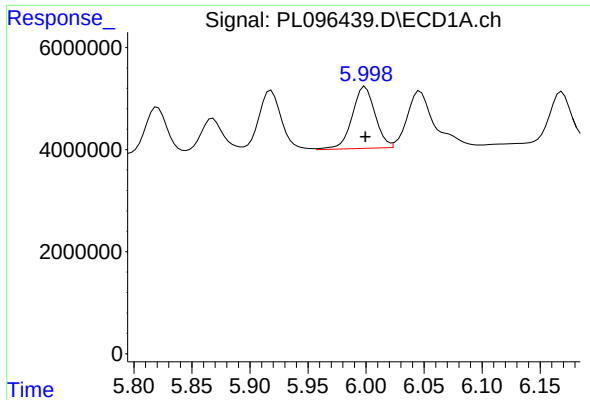
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 16269433
Conc: 3.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.001 min
Response: 20144141
Conc: 2.87 ng/ml



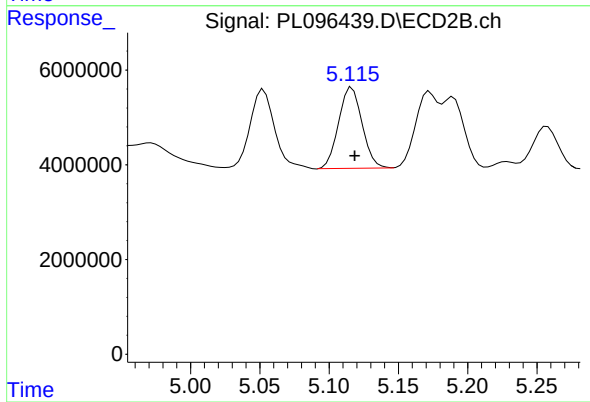
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 16578566
Conc: 3.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

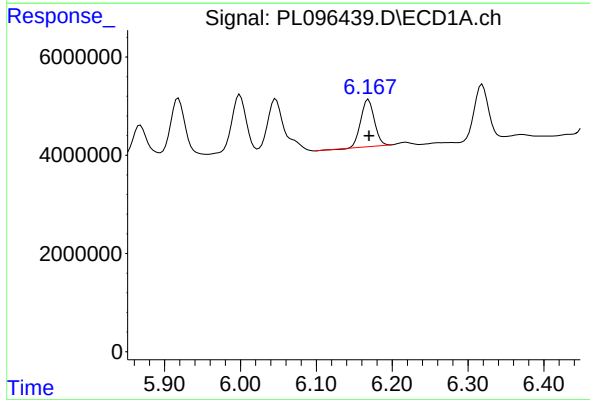
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



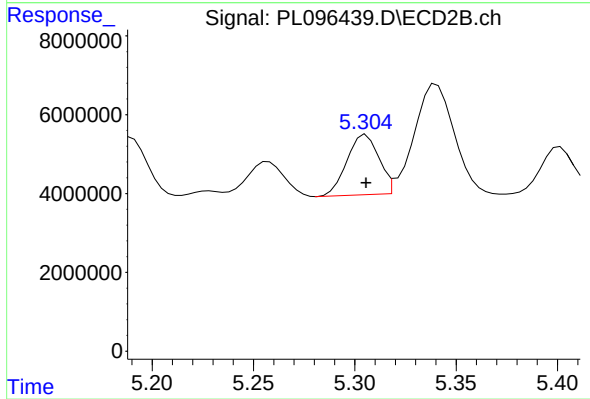
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 20216384
Conc: 2.69 ng/ml



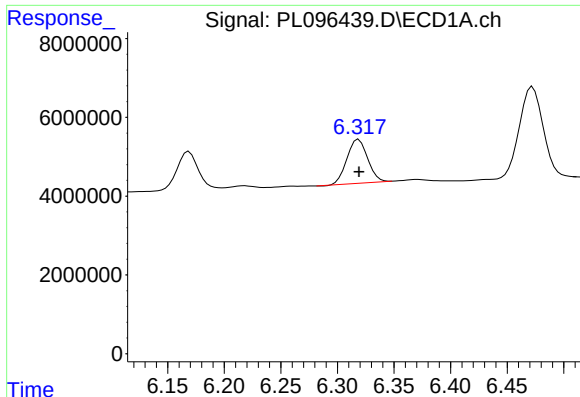
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 11912967
Conc: 3.21 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 17596953
Conc: 2.72 ng/ml m



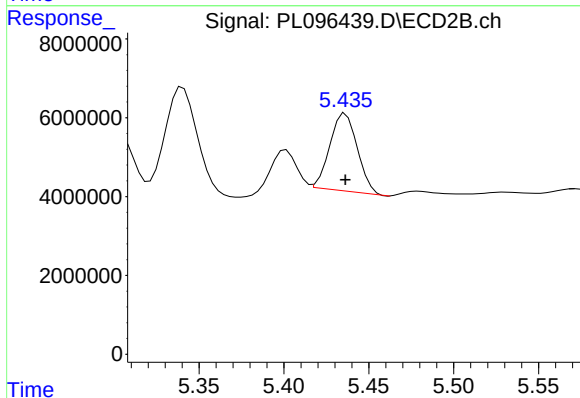
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 14151961
Conc: 3.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

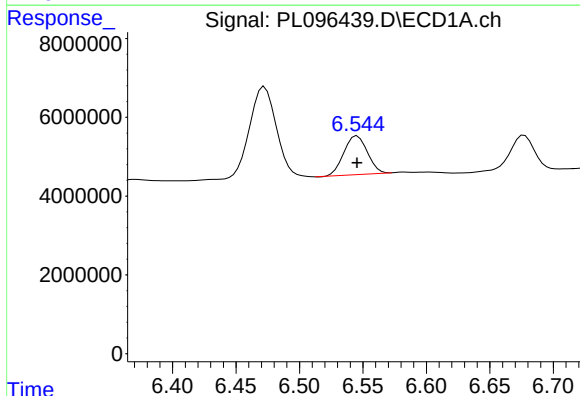
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



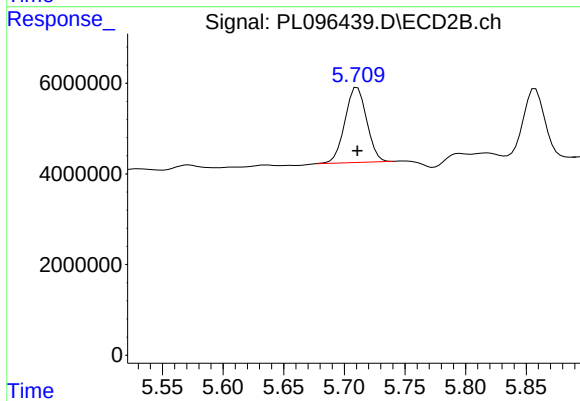
#13 Dieldrin

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 22152706
Conc: 3.25 ng/ml



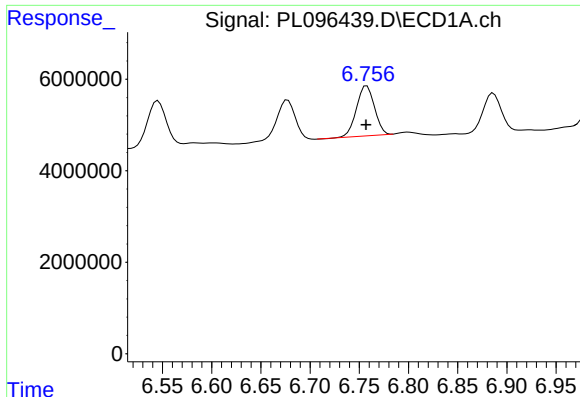
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 12637642
Conc: 4.06 ng/ml



#14 Endrin

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 20647824
Conc: 3.39 ng/ml



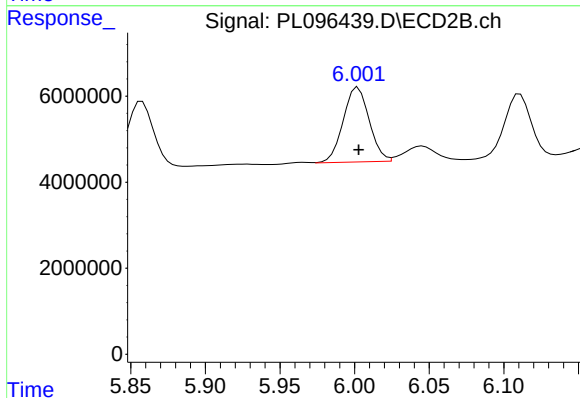
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 13926977
Conc: 4.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

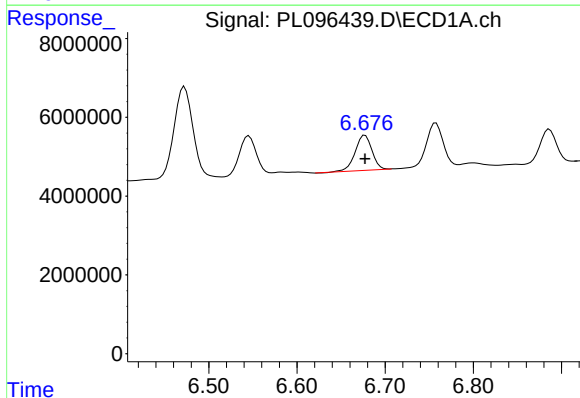
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



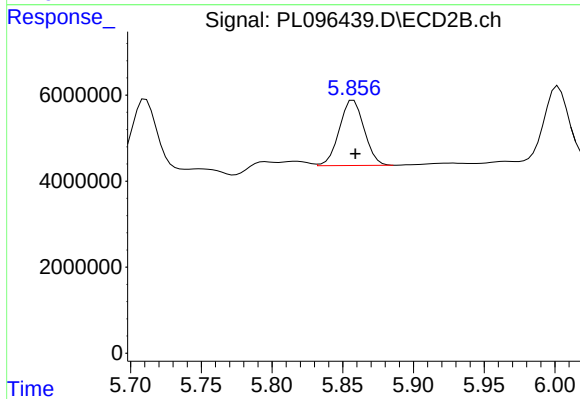
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 21304529
Conc: 3.63 ng/ml m



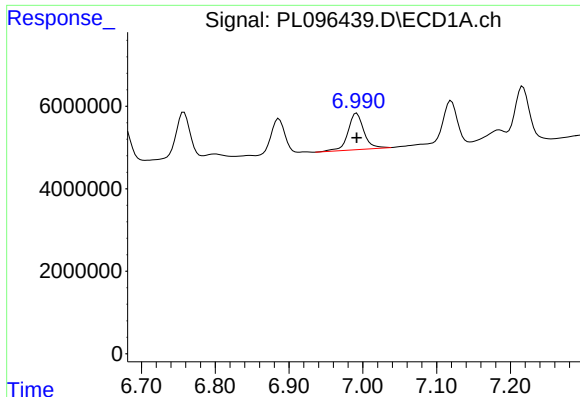
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 11800851
Conc: 4.05 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 18576946
Conc: 3.62 ng/ml m



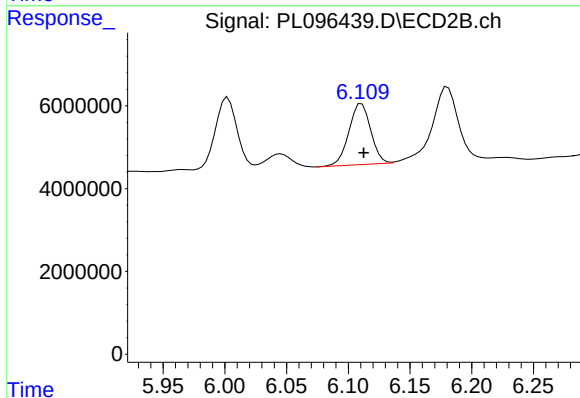
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 13117431
Conc: 4.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

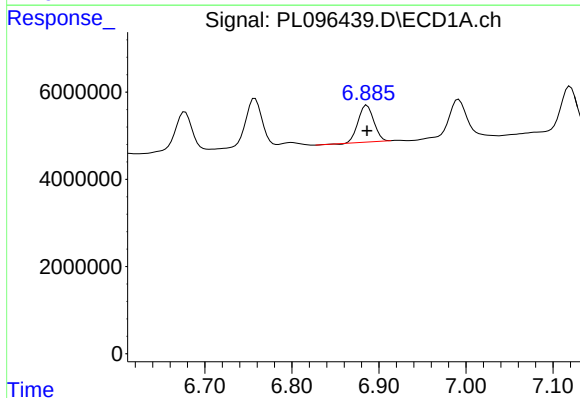
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



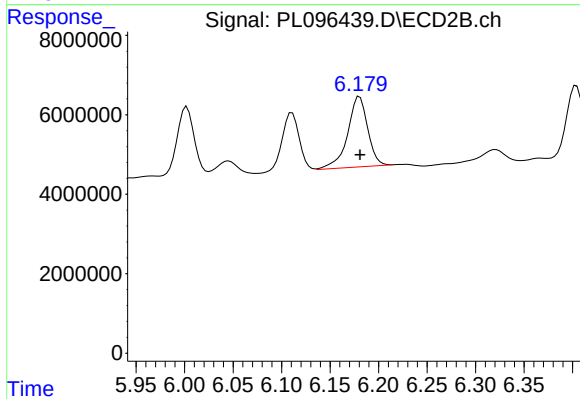
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 18128547
Conc: 3.16 ng/ml



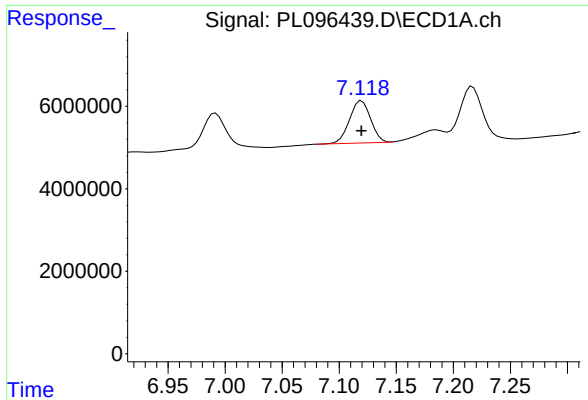
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 10558172
Conc: 4.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 25518178
Conc: 5.73 ng/ml



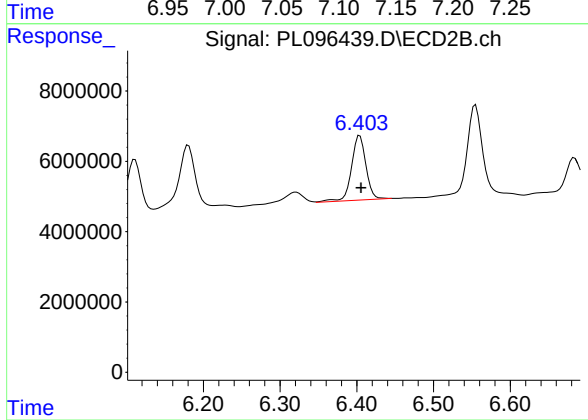
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 13185508
Conc: 4.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

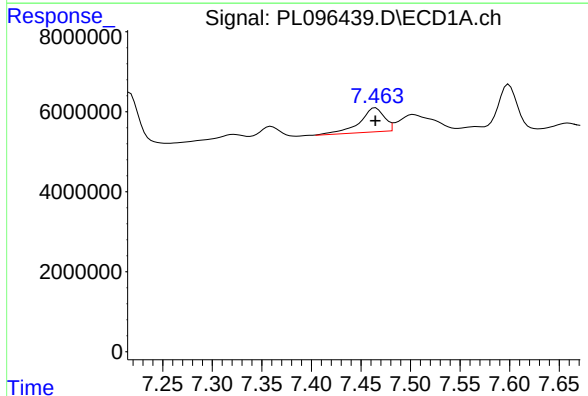
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



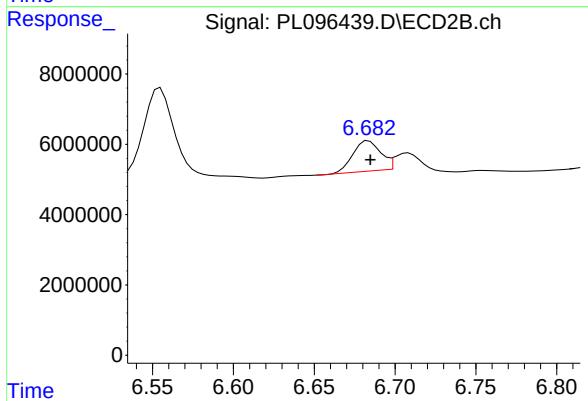
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 24312182
Conc: 4.32 ng/ml



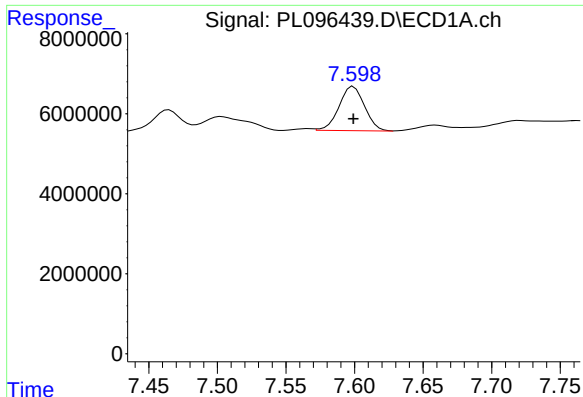
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 10965951
Conc: 6.96 ng/ml m



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 10238497
Conc: 3.37 ng/ml



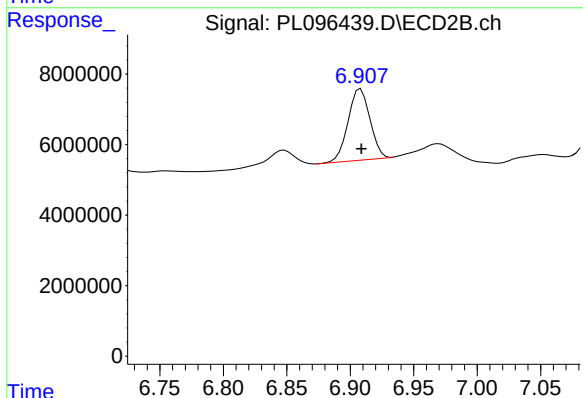
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 14229601
Conc: 4.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

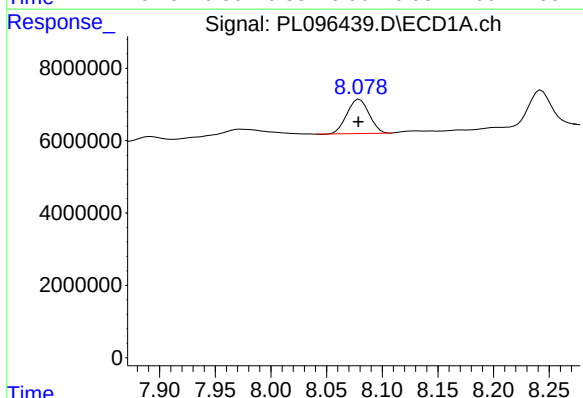
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



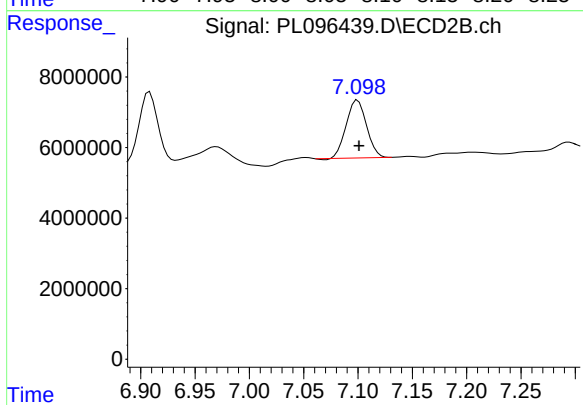
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 24192482
Conc: 3.87 ng/ml



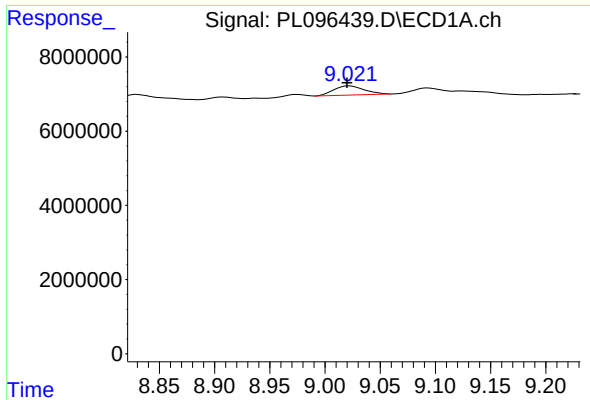
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 13086424
Conc: 4.70 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 21311934
Conc: 4.29 ng/ml



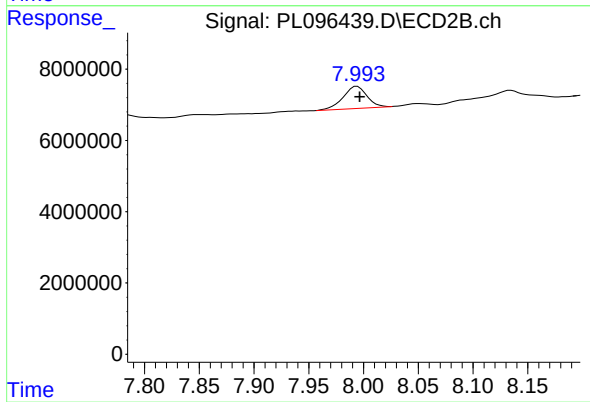
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 4834431
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/18/2025
Supervised By :mohammad ahmed 07/19/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 9422965
Conc: 1.89 ng/ml