

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 13:40
 Operator : AR\AJ
 Sample : Q2622-01MSD 10X RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 2819MSDRE

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025
 Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:24:49 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...	3.535	2.828	3107920	11601936	0.852m	2.010 #
2)	SA Decachlor...	9.017	7.991	4715865	9188924	1.676m	1.843m
Target Compounds							
2)	A alpha-BHC	3.983	3.334	13060904	21426477	2.539	2.540
3)	MA gamma-BHC...	4.310	3.666	13223192	22335194	2.655m	2.836
4)	MA Heptachlor	4.902	4.015	16579931	20446352	3.619m	2.688 #
5)	MB Aldrin	5.244	4.297	13912675	19594692	2.878	2.686
6)	B beta-BHC	4.498	3.960	7179702	9266552	3.454	2.706m
7)	B delta-BHC	4.745	4.194	19478694	19723267	4.347	2.561 #
8)	B Heptachlo...	5.662	4.799	15024501	18733718	3.621m	2.802
9)	A Endosulfan I	6.045	5.171	17139201	17659815	4.245	2.462 #
10)	B gamma-Chl...	5.917	5.051	15572027	19833099	3.519	2.825
11)	B alpha-Chl...	5.997	5.115	16031794	20079224	3.661	2.670 #
12)	B 4,4'-DDE	6.166	5.302	12783674	16252756	3.448m	2.514m#
13)	MA Dieldrin	6.317	5.433	14156479	24413638	3.348	3.580m
14)	MA Endrin	6.543	5.709	12165482	20550953	3.911	3.371
15)	B Endosulfa...	6.754	6.001	18210425	21215290	5.248	3.618 #
16)	A 4,4'-DDD	6.675	5.855	11246016	17902027	3.862	3.491m
17)	MA 4,4'-DDT	6.990	6.109	13330641	17651166	4.392	3.078 #
18)	B Endrin al...	6.883	6.178	11056881	27380357	4.946m	6.147
19)	B Endosulfa...	7.117	6.401	13111907	22480617	4.287	3.997m
20)	A Methoxychlor	7.462	6.682	9267011	10495601	5.882m	3.455 #
21)	B Endrin ke...	7.596	6.905	14127555	25632496	4.279m	4.100m
22)	Mirex	8.077	7.097	13959778	21241718	5.017	4.276

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
Data File : PL096461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2025 13:40
Operator : AR\AJ
Sample : Q2622-01MSD 10X RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

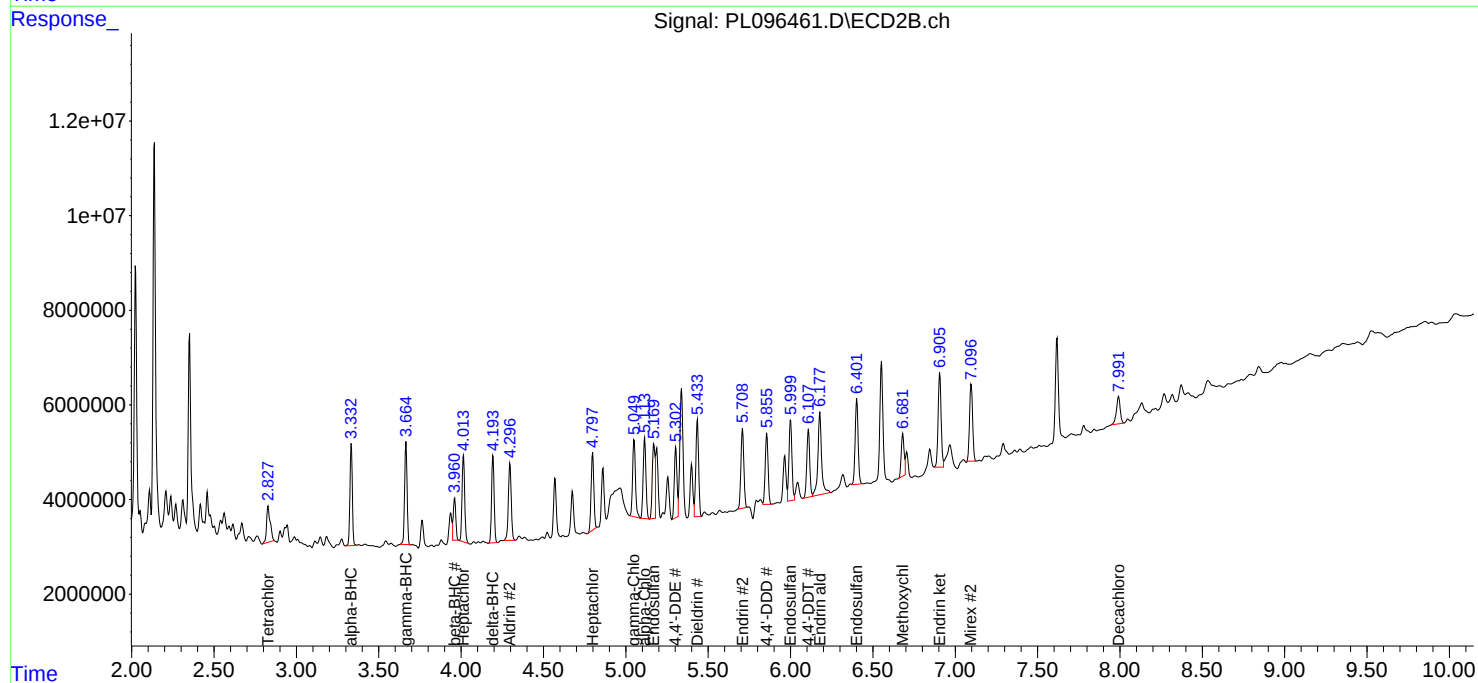
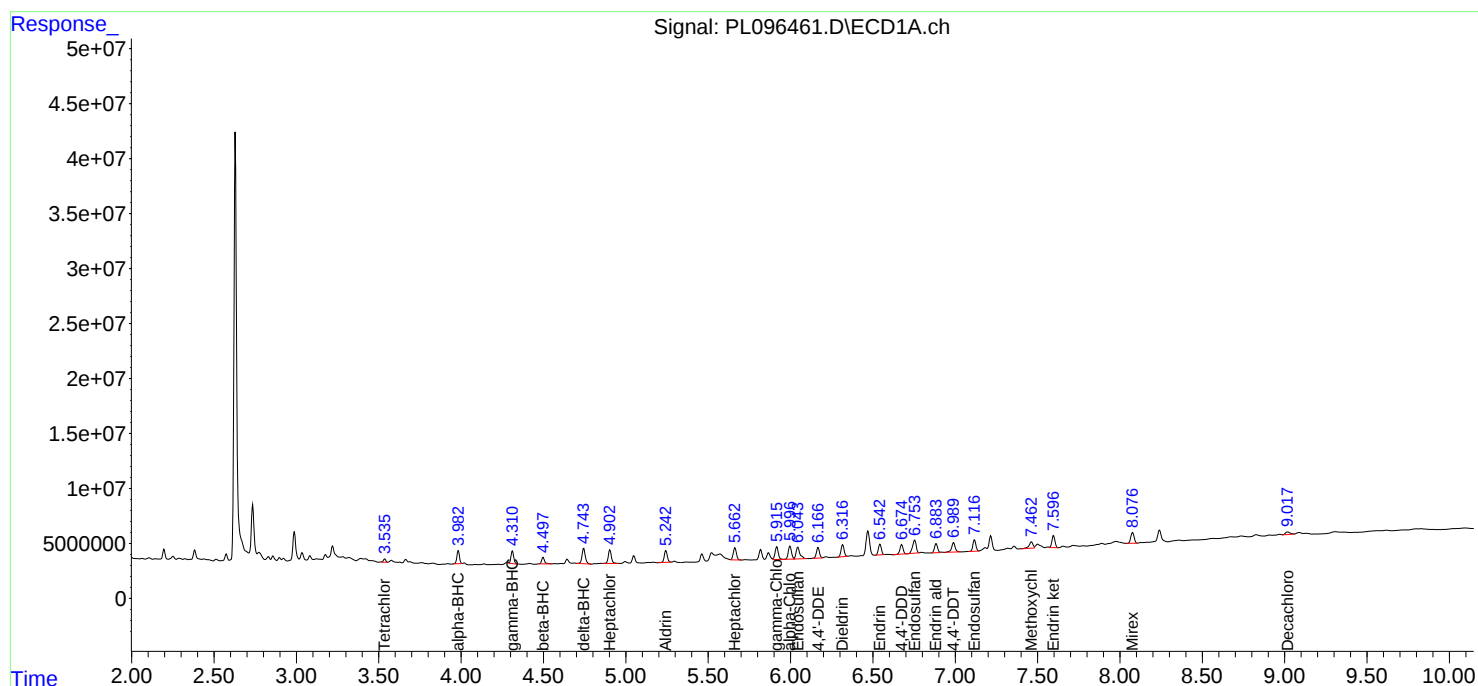
Instrument :
ECD_L
ClientSampleId :
2819MSDRE

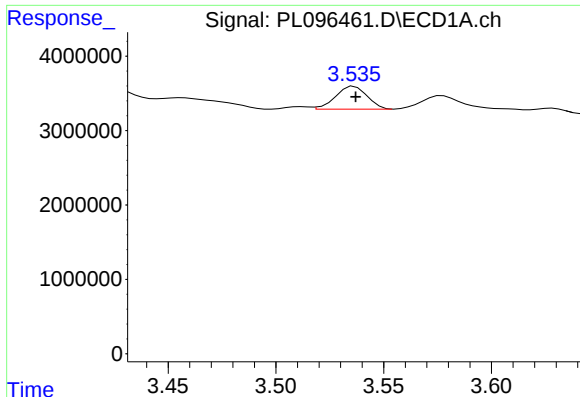
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 23:24:49 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





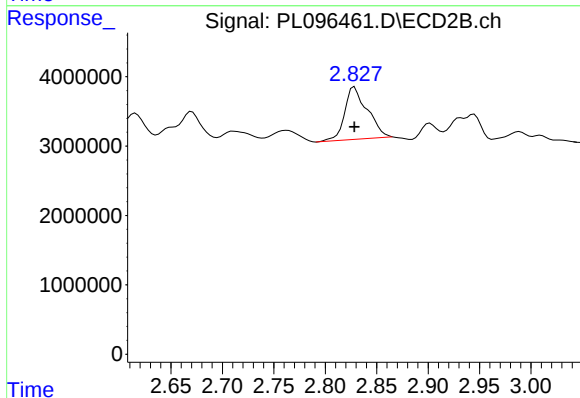
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 3107920
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

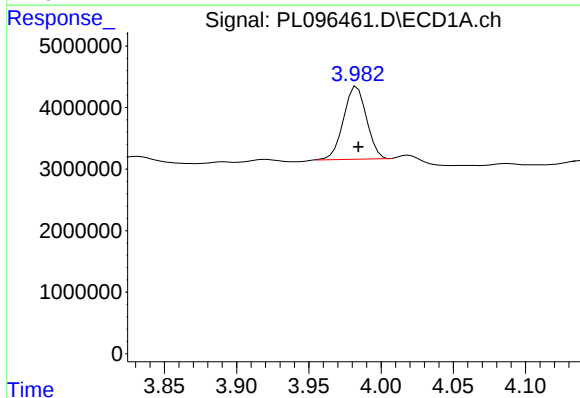
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



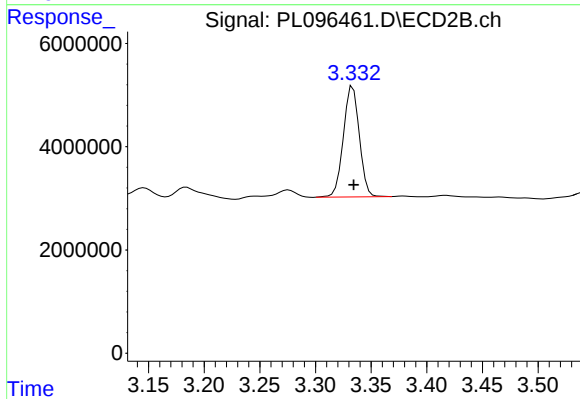
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 11601936
Conc: 2.01 ng/ml



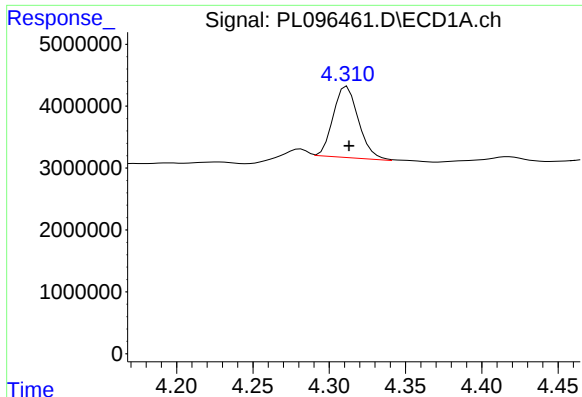
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 13060904
Conc: 2.54 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 21426477
Conc: 2.54 ng/ml



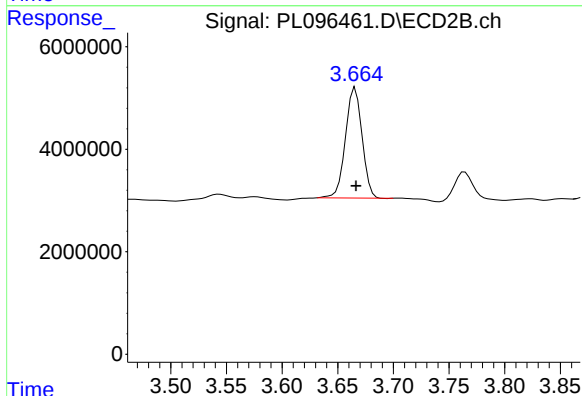
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 13223192
Conc: 2.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

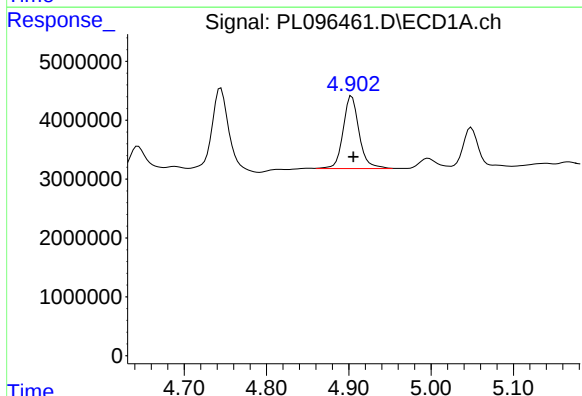
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



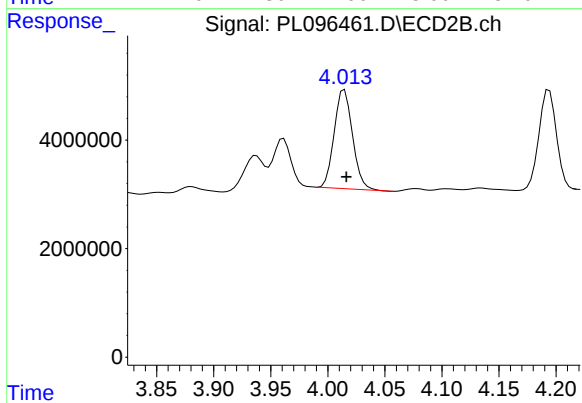
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 22335194
Conc: 2.84 ng/ml



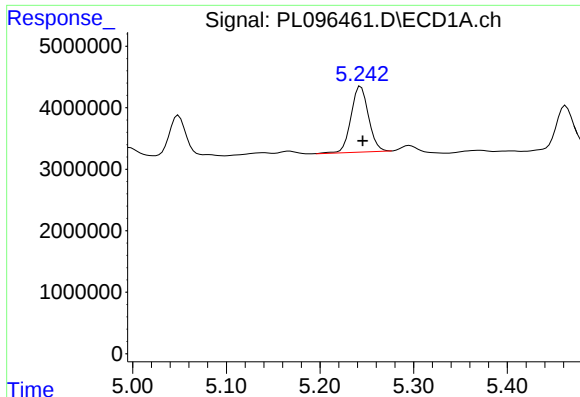
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: -0.003 min
Response: 16579931
Conc: 3.62 ng/ml m



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 20446352
Conc: 2.69 ng/ml



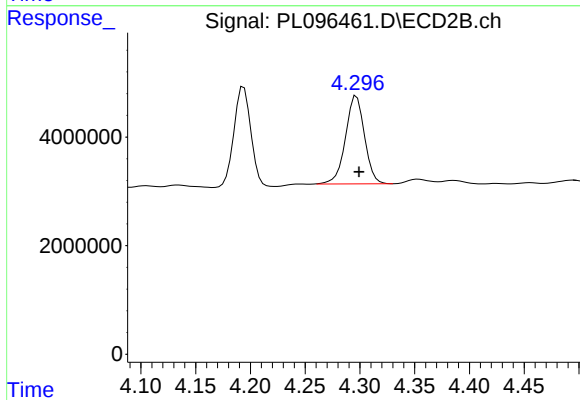
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 13912675
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

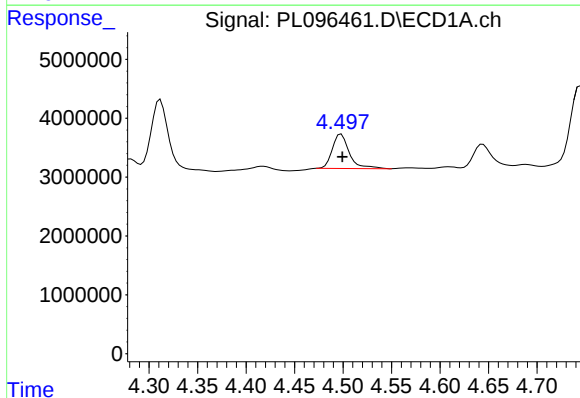
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



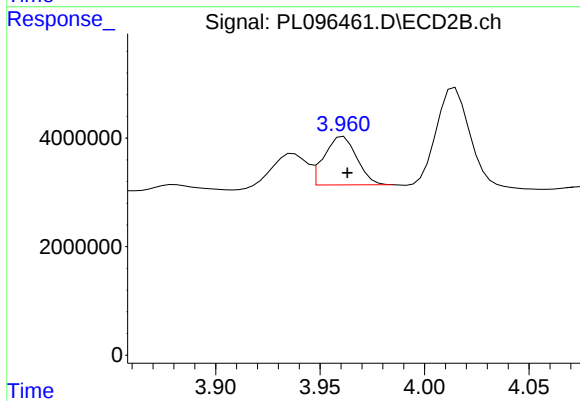
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 19594692
Conc: 2.69 ng/ml



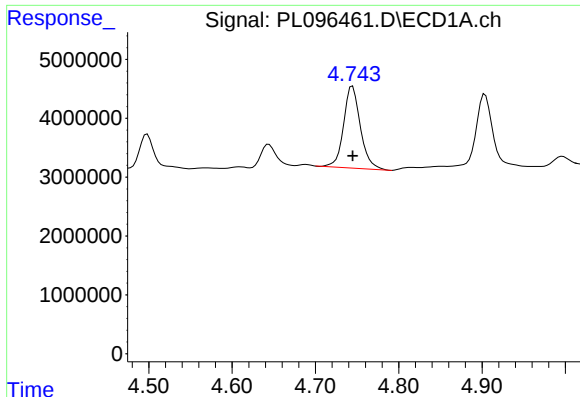
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 7179702
Conc: 3.45 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 9266552
Conc: 2.71 ng/ml m



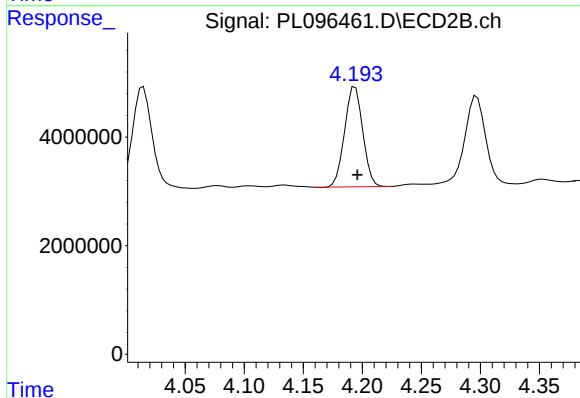
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 19478694
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

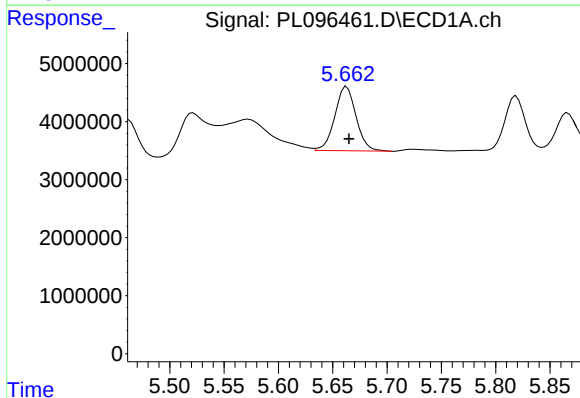
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



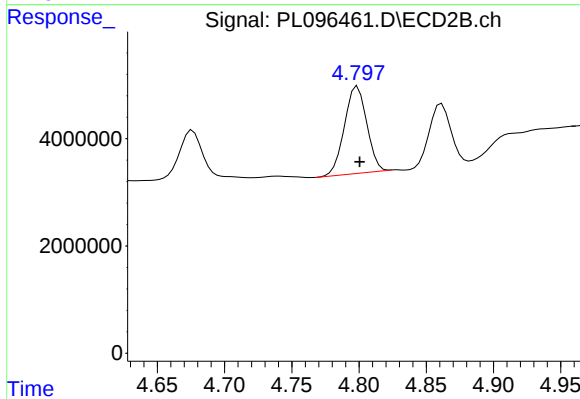
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 19723267
Conc: 2.56 ng/ml



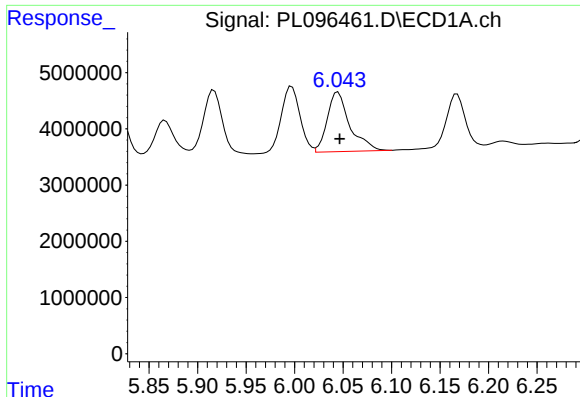
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.004 min
Response: 15024501
Conc: 3.62 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 18733718
Conc: 2.80 ng/ml



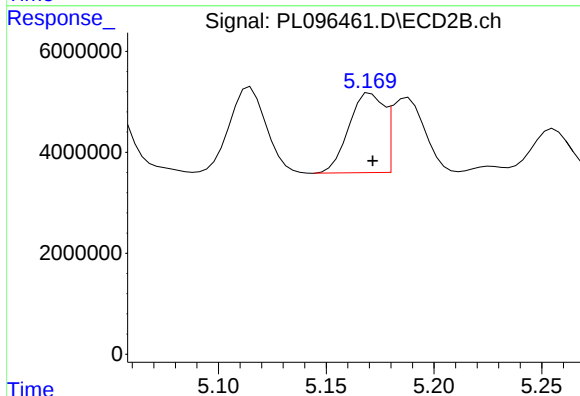
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 17139201
Conc: 4.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

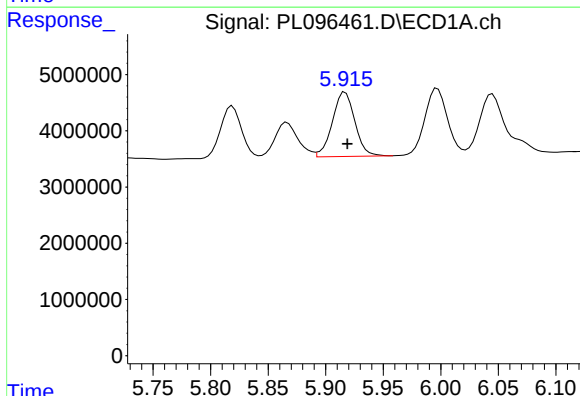
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



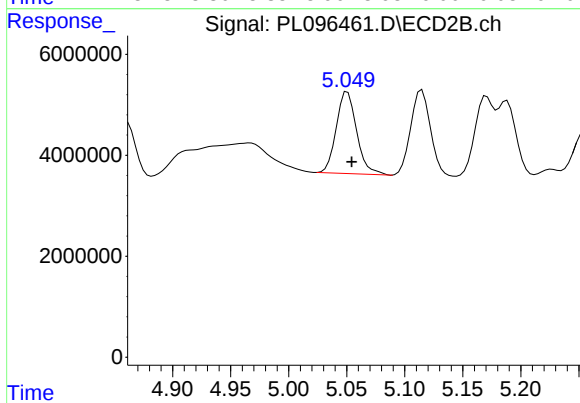
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 17659815
Conc: 2.46 ng/ml



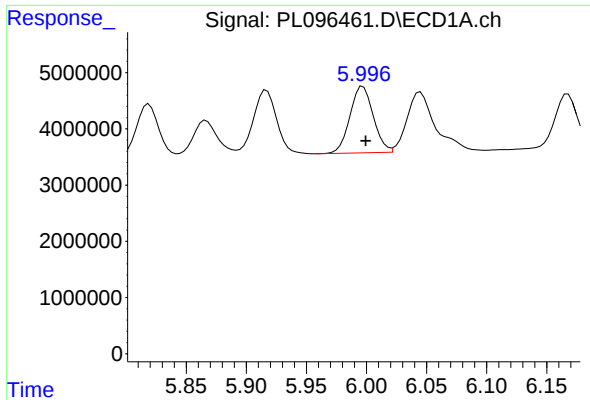
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 15572027
Conc: 3.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.004 min
Response: 19833099
Conc: 2.83 ng/ml



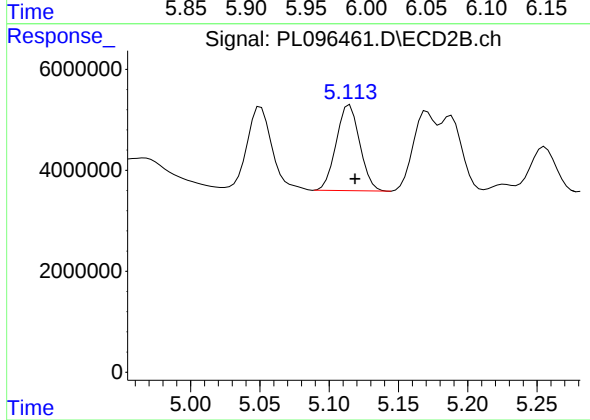
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 16031794
Conc: 3.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

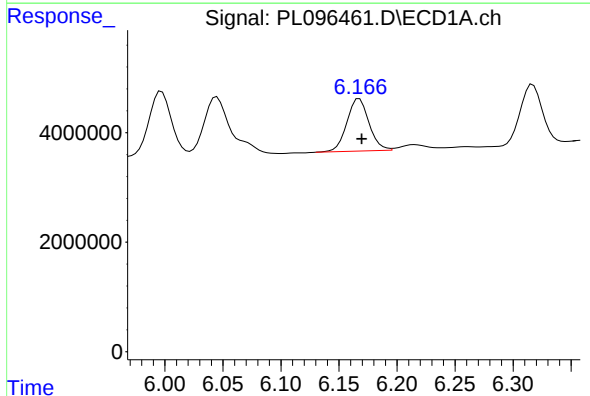
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



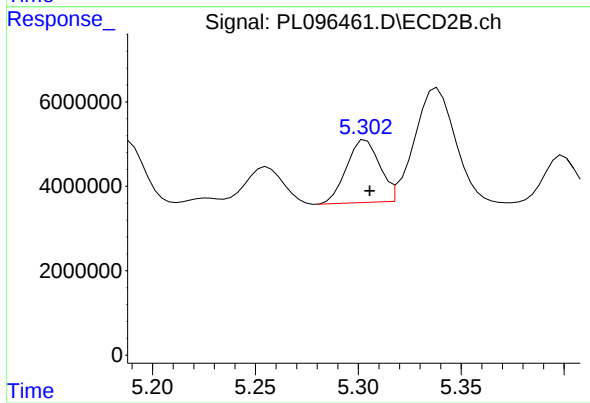
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 20079224
Conc: 2.67 ng/ml



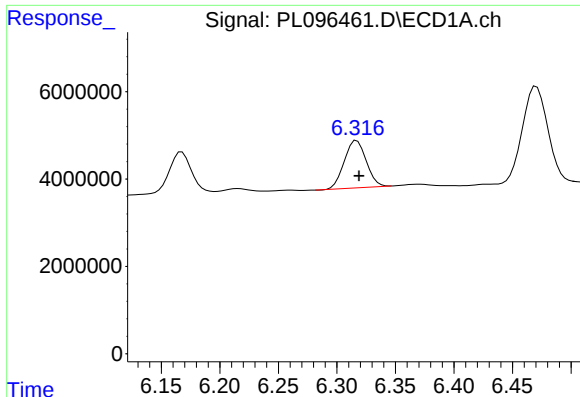
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: -0.003 min
Response: 12783674
Conc: 3.45 ng/ml m



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.003 min
Response: 16252756
Conc: 2.51 ng/ml m



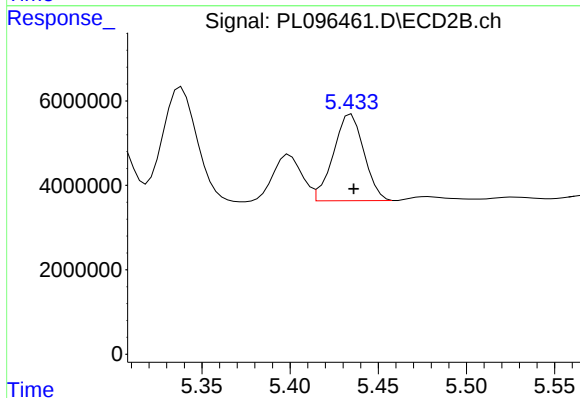
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 14156479
Conc: 3.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

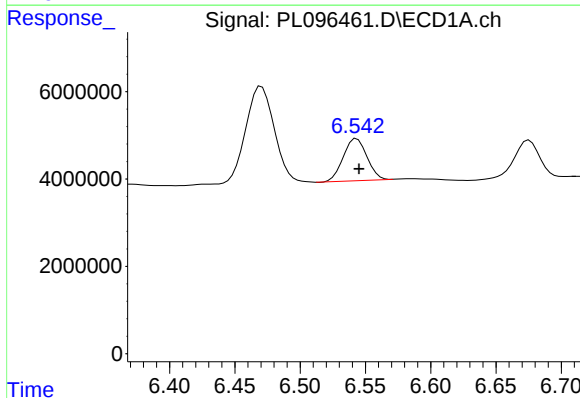
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



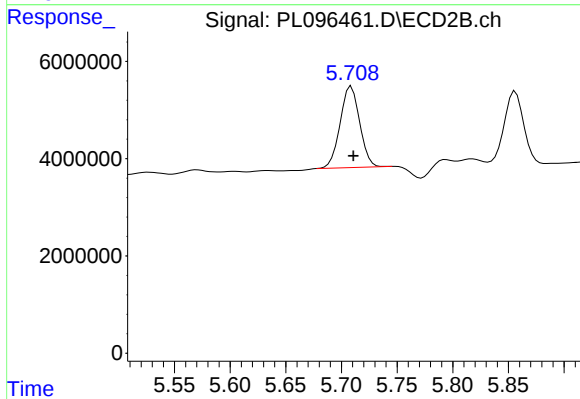
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.003 min
Response: 24413638
Conc: 3.58 ng/ml m



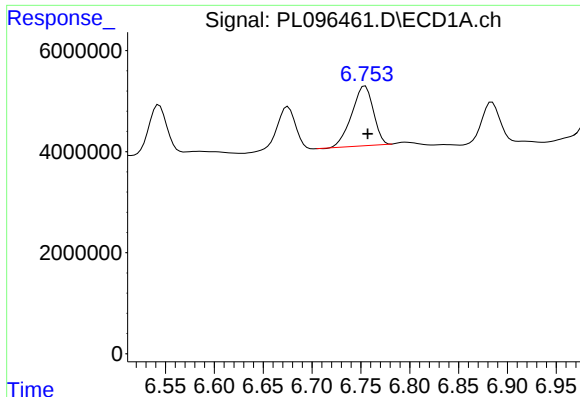
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 12165482
Conc: 3.91 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 20550953
Conc: 3.37 ng/ml



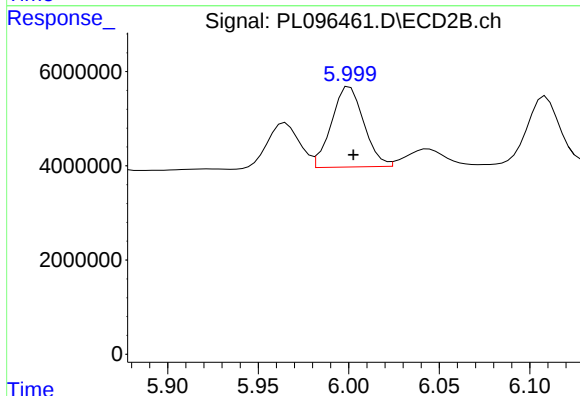
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: -0.003 min
Response: 18210425
Conc: 5.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

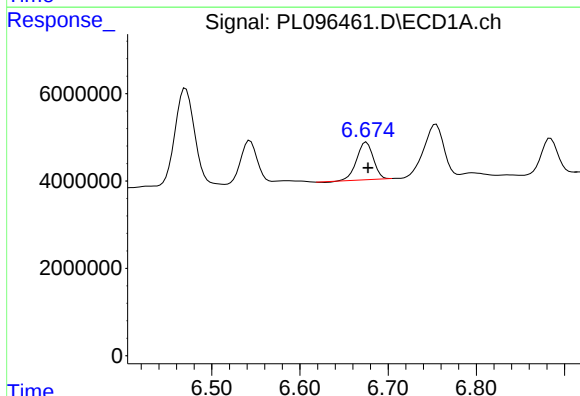
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



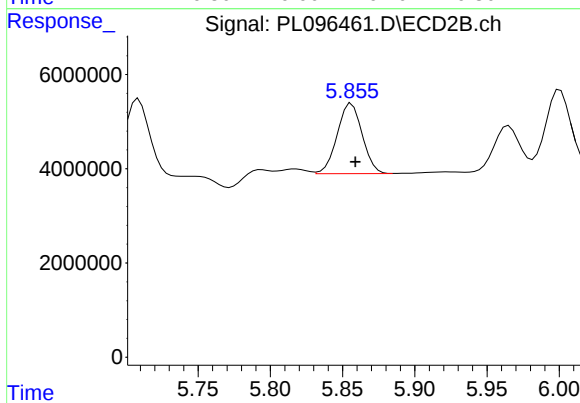
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 21215290
Conc: 3.62 ng/ml



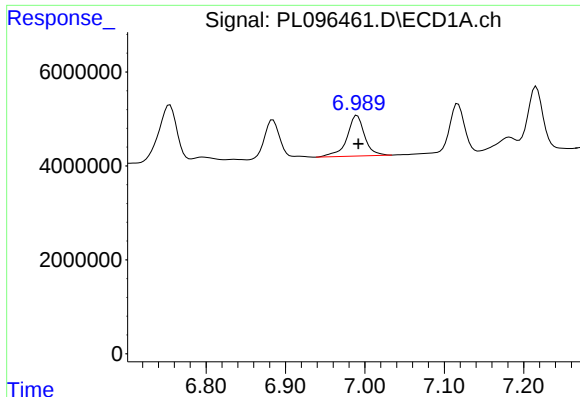
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 11246016
Conc: 3.86 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 17902027
Conc: 3.49 ng/ml m



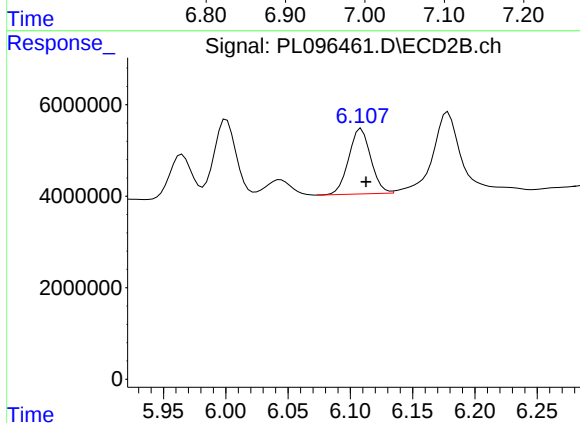
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 13330641
Conc: 4.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

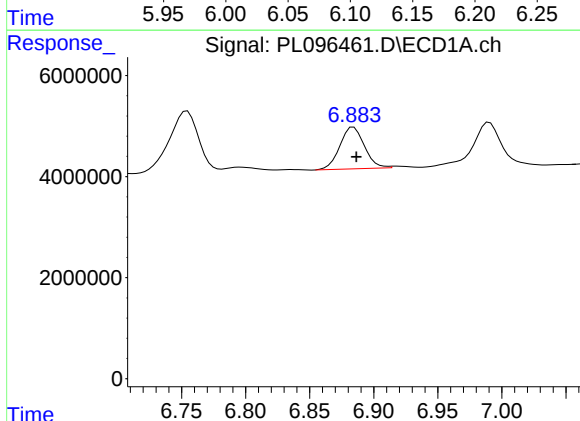
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



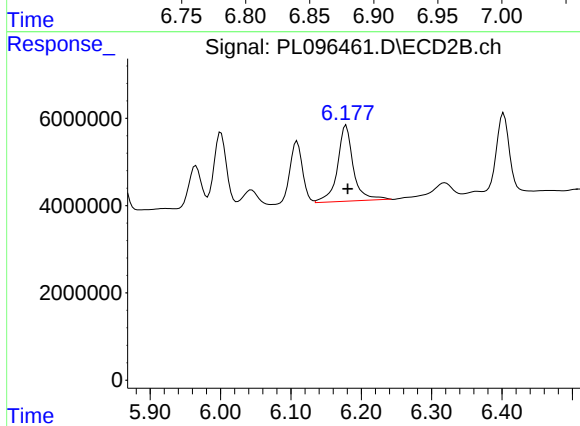
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 17651166
Conc: 3.08 ng/ml



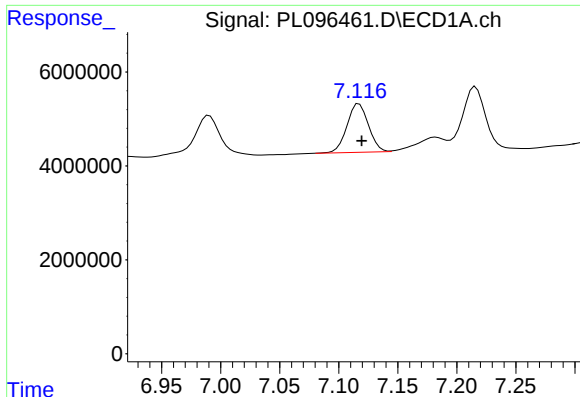
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: -0.004 min
Response: 11056881
Conc: 4.95 ng/ml m



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 27380357
Conc: 6.15 ng/ml



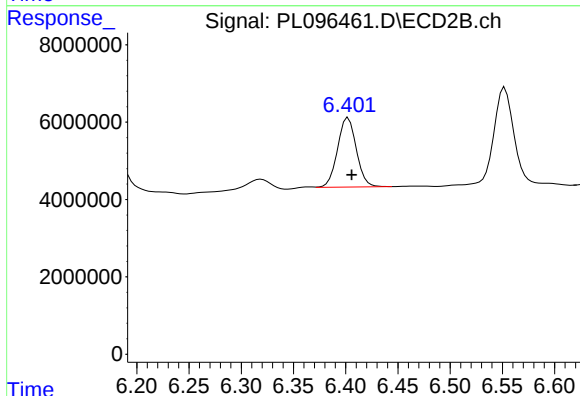
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 13111907
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

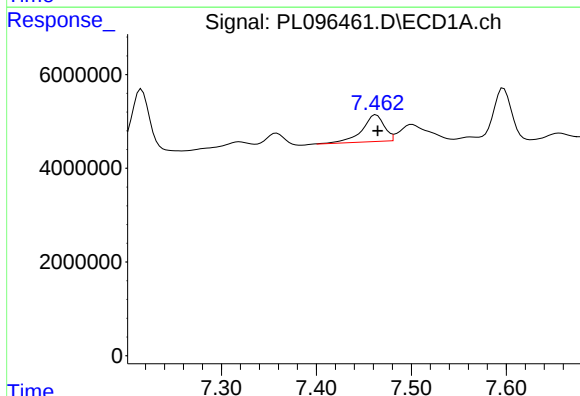
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



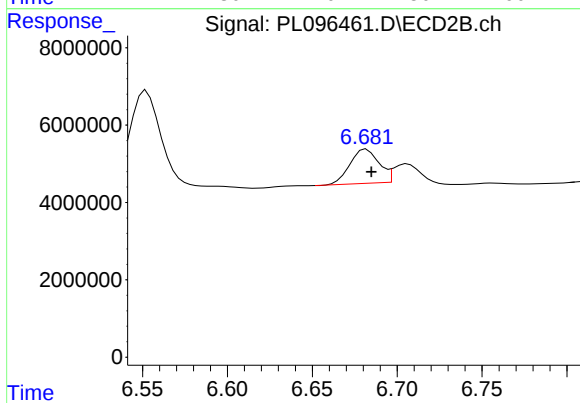
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: -0.005 min
Response: 22480617
Conc: 4.00 ng/ml m



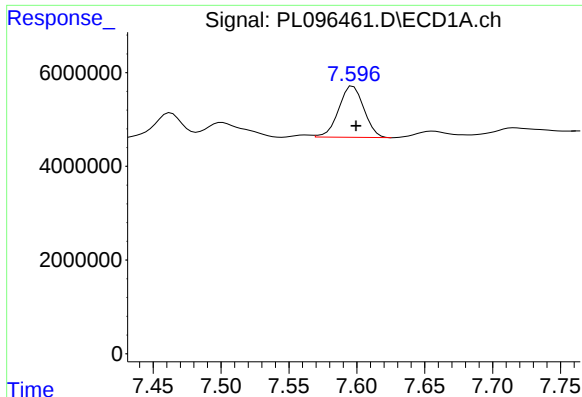
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 9267011
Conc: 5.88 ng/ml m



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 10495601
Conc: 3.46 ng/ml



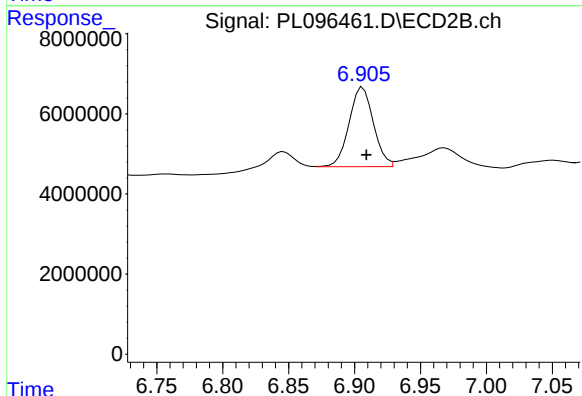
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.004 min
Response: 14127555
Conc: 4.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

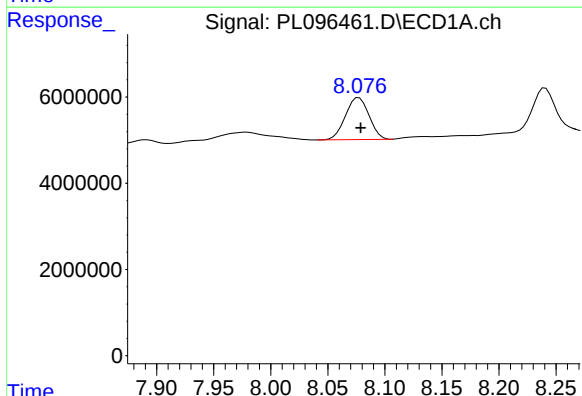
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



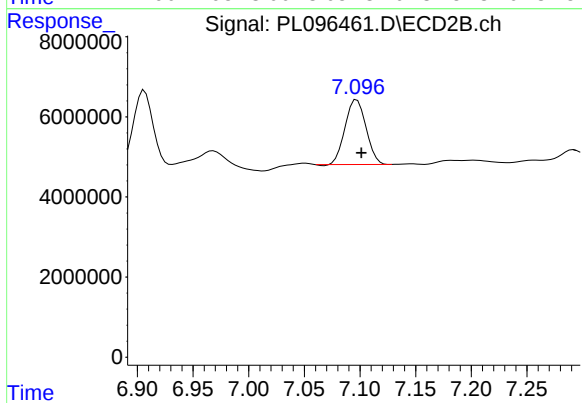
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.004 min
Response: 25632496
Conc: 4.10 ng/ml m



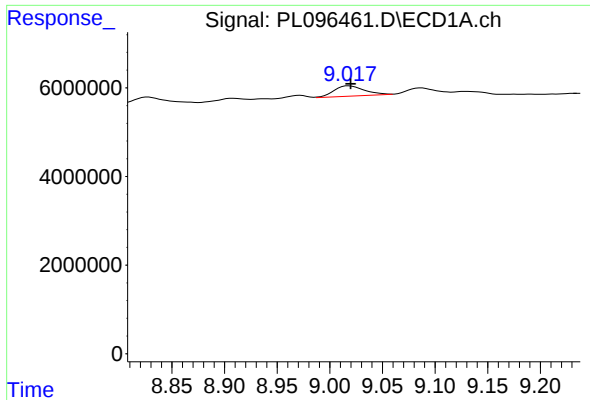
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.001 min
Response: 13959778
Conc: 5.02 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 21241718
Conc: 4.28 ng/ml



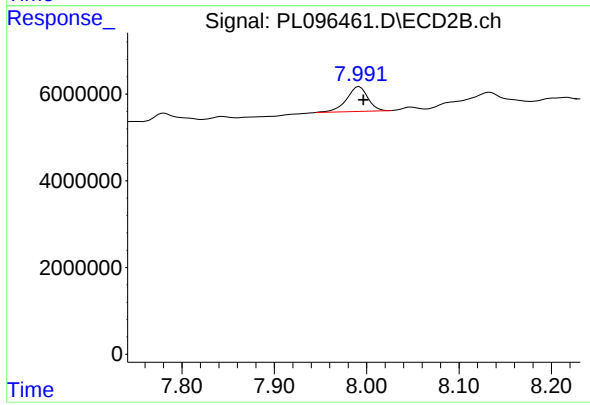
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 4715865
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
2819MSDRE

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.006 min
Response: 9188924
Conc: 1.84 ng/ml m