

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 16:42
 Operator : AR\AJ
 Sample : PB168880BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168880BSD

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 23:26:51 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	2.828	65993739	113.9E6	18.086	19.731
28)	SA Decachlor...	9.017	7.993	52063119	98701457	18.508	19.794
Target Compounds							
2)	A alpha-BHC	3.984	3.334	287.4E6	504.8E6	55.878	59.856
3)	MA gamma-BHC...	4.312	3.666	272.7E6	466.1E6	54.758	59.180
4)	MA Heptachlor	4.904	4.015	248.3E6	436.1E6	54.202	57.320
5)	MB Aldrin	5.244	4.297	260.4E6	431.2E6	53.868	59.105
6)	B beta-BHC	4.498	3.961	115.8E6	193.2E6	55.701	56.420
7)	B delta-BHC	4.744	4.195	257.2E6	456.9E6	57.389	59.317
8)	B Heptachlo...	5.663	4.799	236.6E6	386.5E6	57.023	57.817
9)	A Endosulfan I	6.045	5.170	218.1E6	360.7E6	54.021	50.281
10)	B gamma-Chl...	5.917	5.051	239.3E6	408.3E6	54.071	58.162
11)	B alpha-Chl...	5.998	5.116	235.8E6	397.3E6	53.856	52.833
12)	B 4,4'-DDE	6.168	5.304	201.3E6	377.8E6	54.289	58.449
13)	MA Dieldrin	6.317	5.435	229.2E6	399.3E6	54.196	58.556
14)	MA Endrin	6.543	5.709	171.4E6	330.4E6	55.106	54.197
15)	B Endosulfa...	6.756	6.001	193.3E6	338.7E6	55.693	57.760
16)	A 4,4'-DDD	6.676	5.856	168.9E6	330.8E6	57.997	64.495
17)	MA 4,4'-DDT	6.990	6.109	151.5E6	289.3E6	49.925	50.449
18)	B Endrin al...	6.884	6.179	141.8E6	261.5E6	63.447m	58.706
19)	B Endosulfa...	7.118	6.403	169.4E6	333.4E6	55.390	59.278
20)	A Methoxychlor	7.463	6.681	76408731	152.8E6	48.501	50.293
21)	B Endrin ke...	7.598	6.907	184.6E6	368.8E6	55.910	58.985
22)	Mirex	8.077	7.097	133.8E6	251.8E6	48.095	50.684

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
Data File : PL096473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2025 16:42
Operator : AR\AJ
Sample : PB168880BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

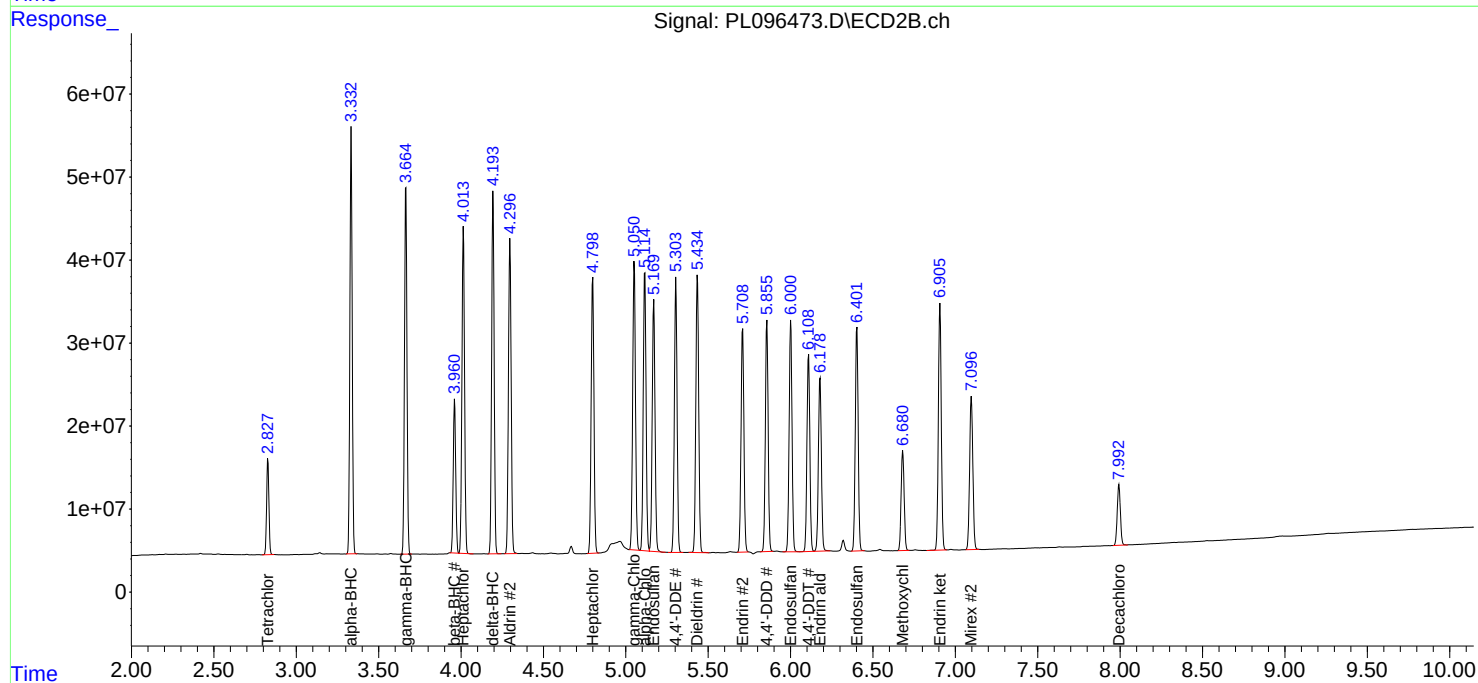
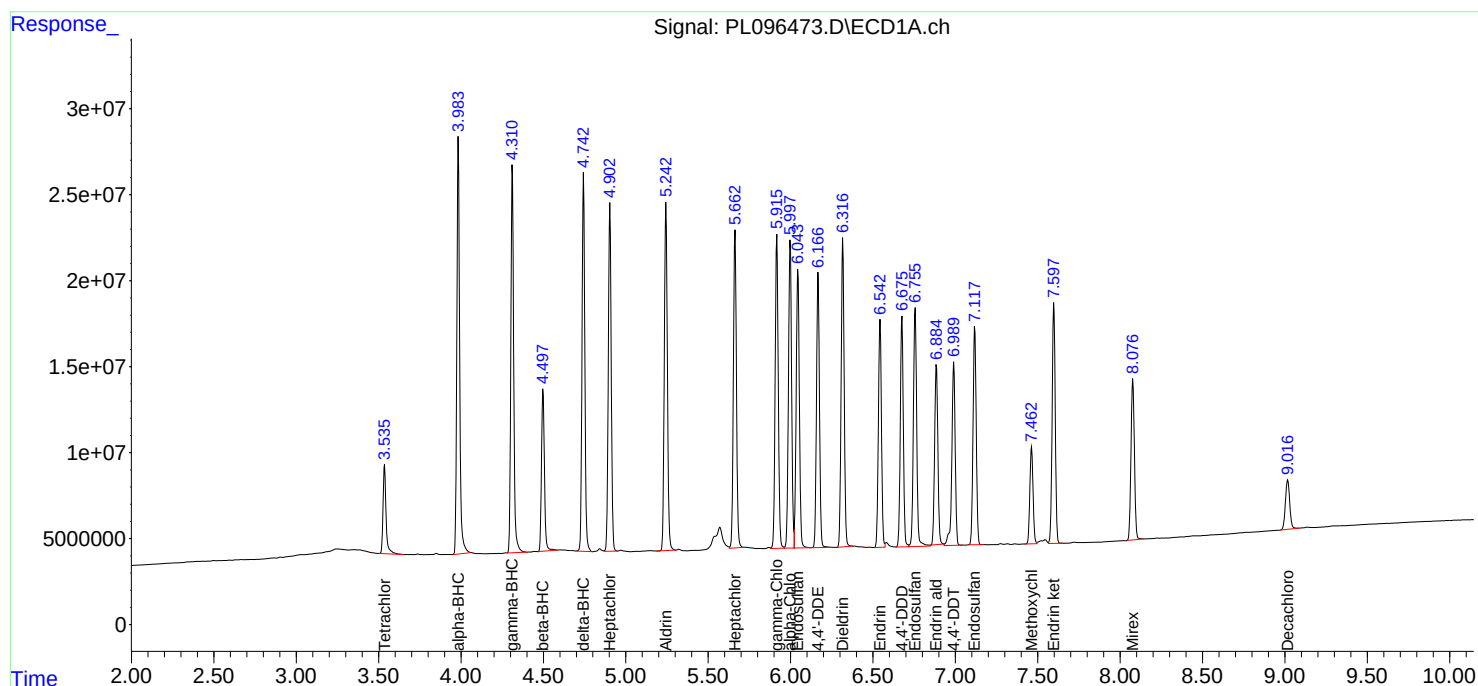
Instrument :
ECD_L
ClientSampleId :
PB168880BSD

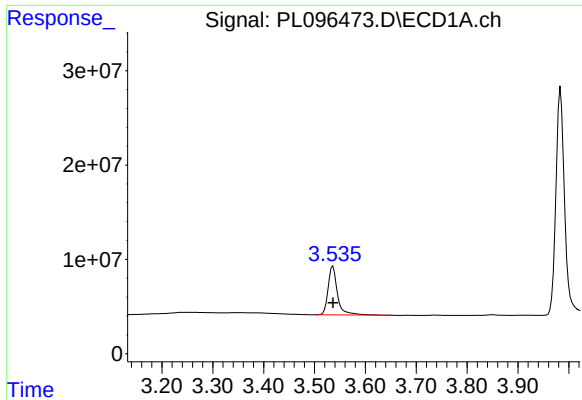
Manual Integrations
APPROVED

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 23:26:51 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.: 0.000 min
Response: 65993739
Conc: 18.09 ng/ml

Instrument :

ECD_L

ClientSampleId :

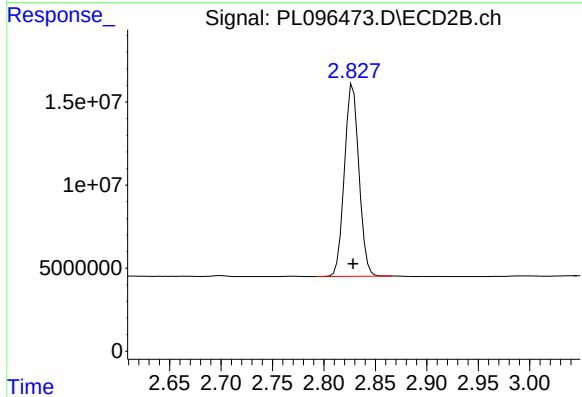
PB168880BSD

Manual Integrations

APPROVED

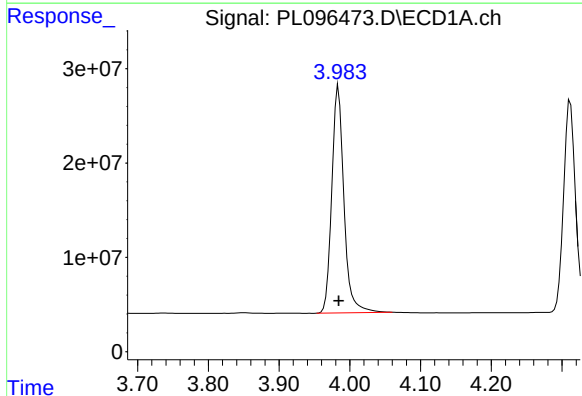
Reviewed By :Abdul Mirza 07/21/2025

Supervised By :mohammad ahmed 07/22/2025



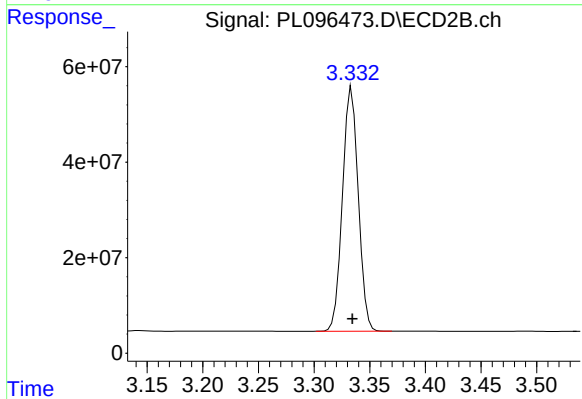
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 113871389
Conc: 19.73 ng/ml



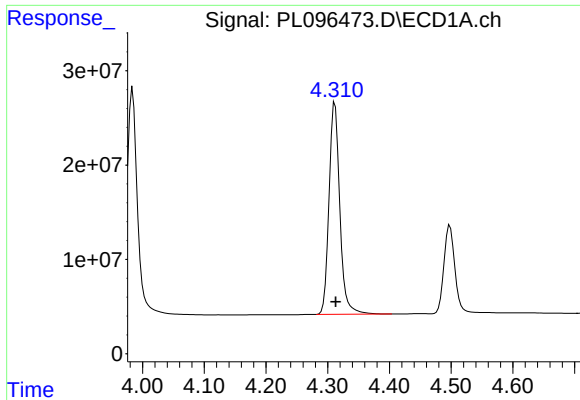
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 287386733
Conc: 55.88 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 504844277
Conc: 59.86 ng/ml



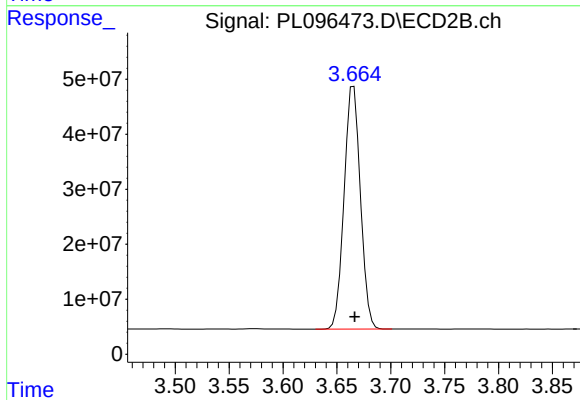
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: -0.001 min
Response: 272677472
Conc: 54.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

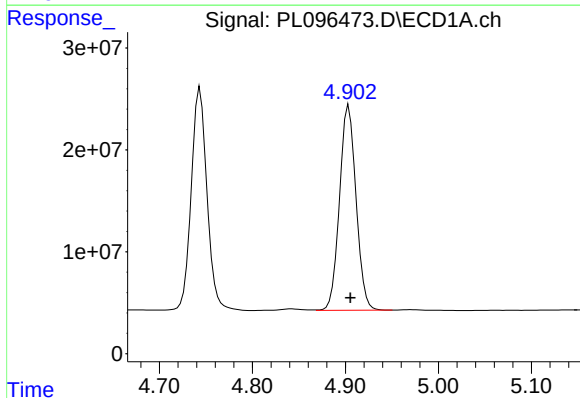
Manual Integrations
APPROVED

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



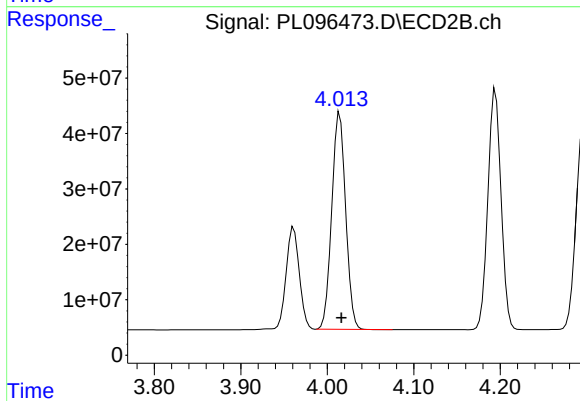
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 466092938
Conc: 59.18 ng/ml



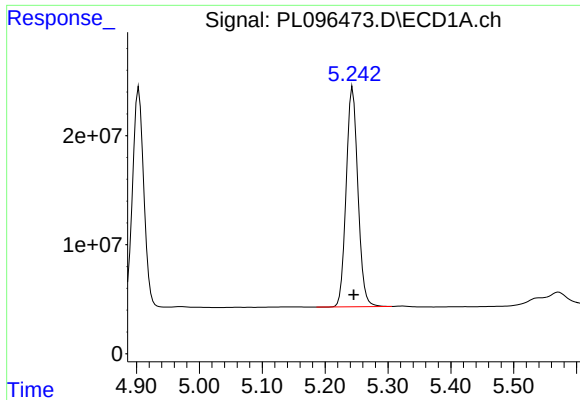
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 248311439
Conc: 54.20 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 436073103
Conc: 57.32 ng/ml



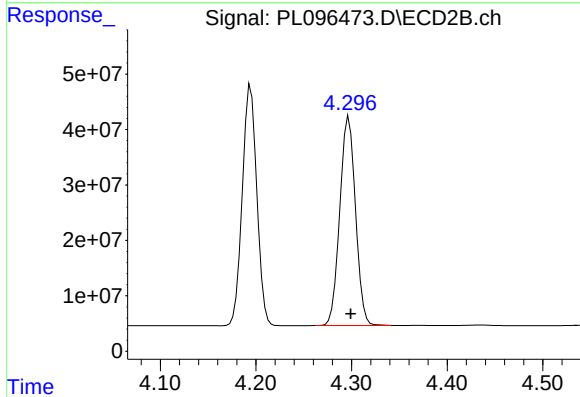
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 260380980
Conc: 53.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

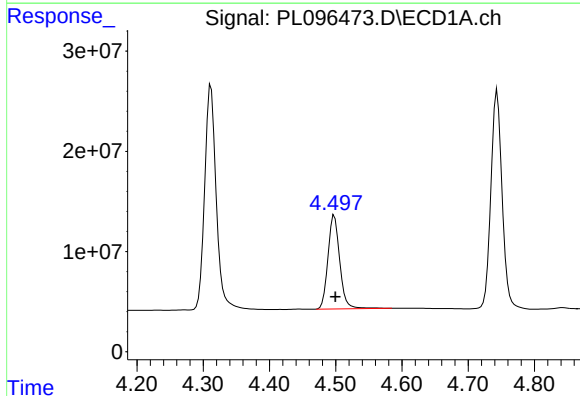
Manual Integrations
APPROVED

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



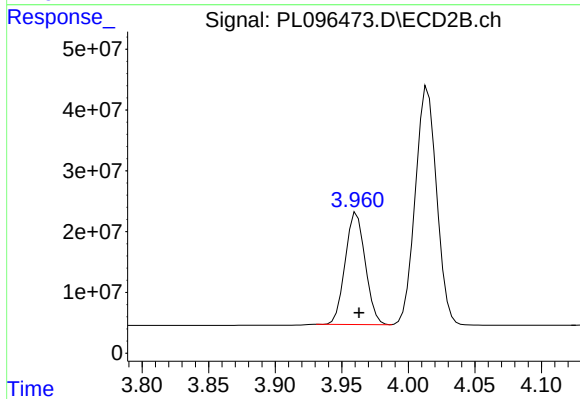
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 431204239
Conc: 59.10 ng/ml



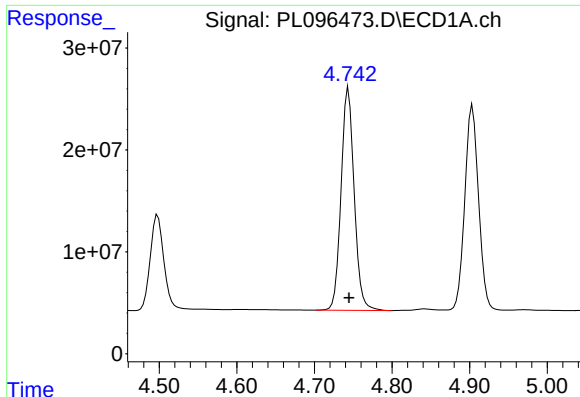
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 115790606
Conc: 55.70 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 193178516
Conc: 56.42 ng/ml



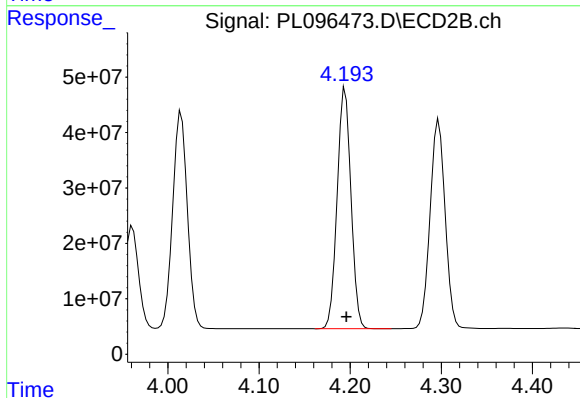
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 257176996
Conc: 57.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

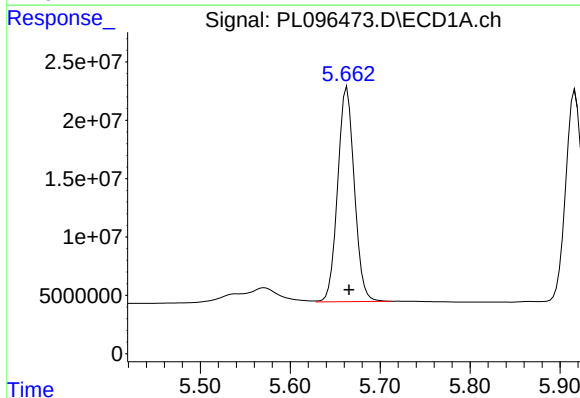
Manual Integrations
APPROVED

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



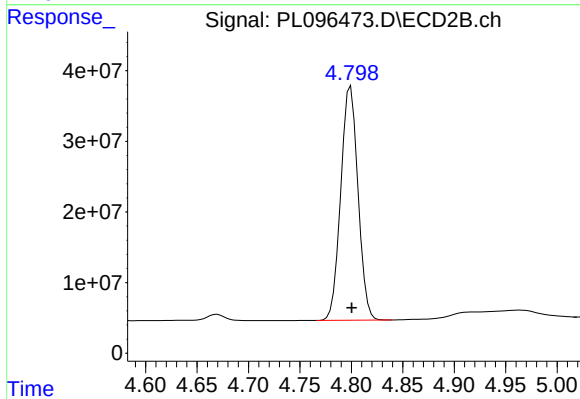
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 456850227
Conc: 59.32 ng/ml



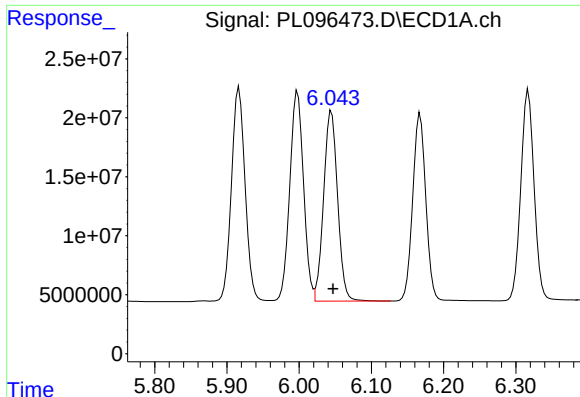
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 236596537
Conc: 57.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 386498835
Conc: 57.82 ng/ml



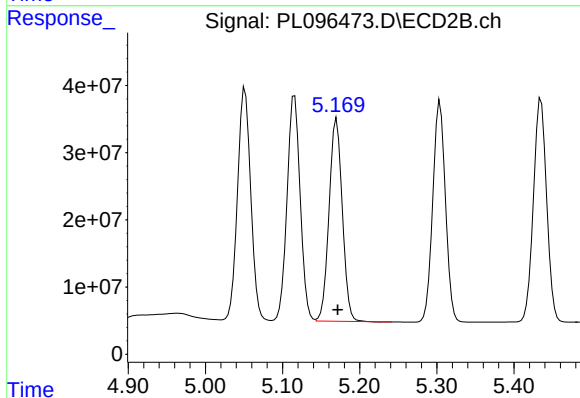
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 218096765
Conc: 54.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

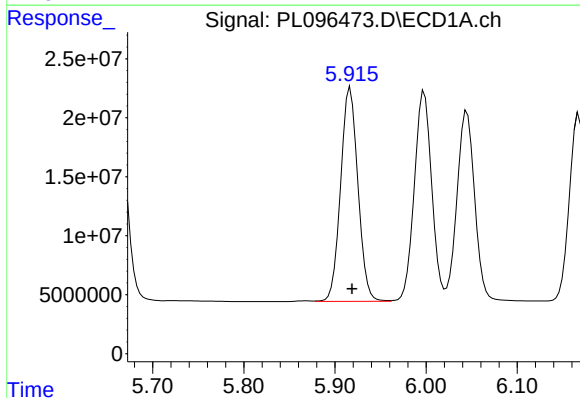
Manual Integrations
APPROVED

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



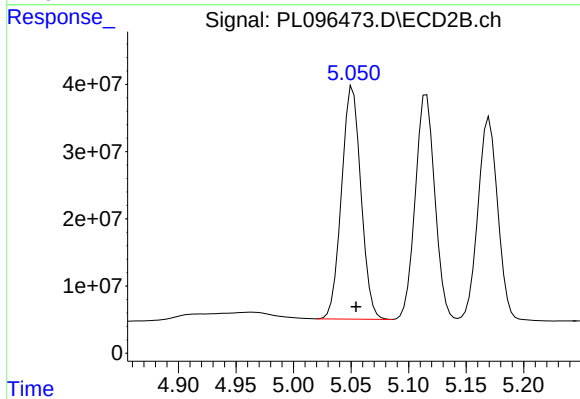
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 360722947
Conc: 50.28 ng/ml



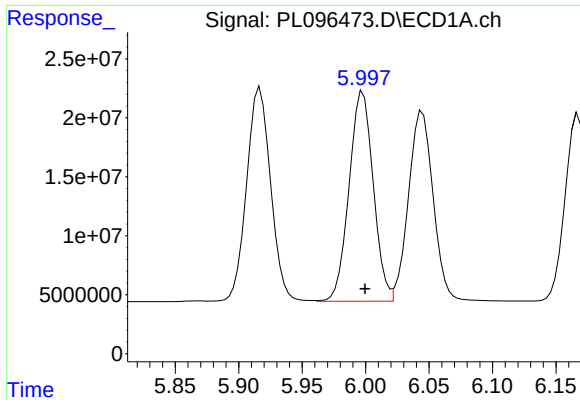
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 239254789
Conc: 54.07 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 408278194
Conc: 58.16 ng/ml



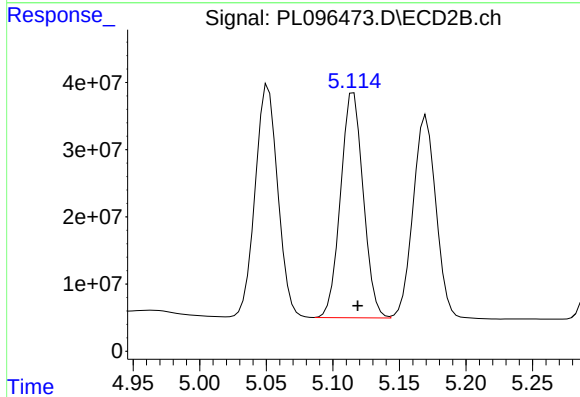
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 235826070
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

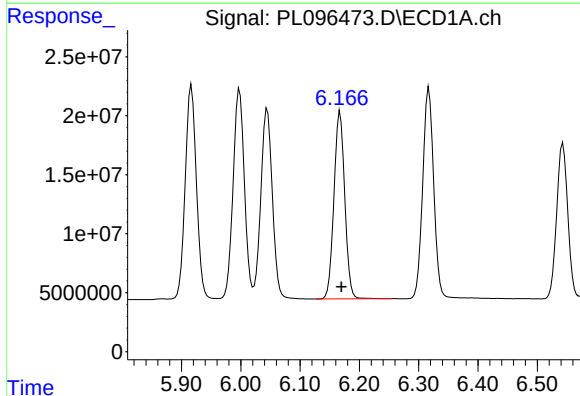
Manual Integrations
APPROVED

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



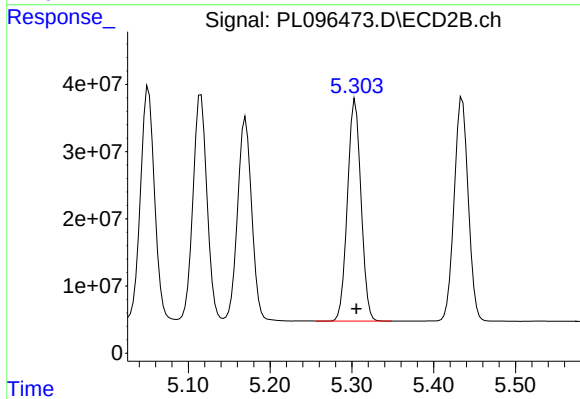
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 397313390
Conc: 52.83 ng/ml



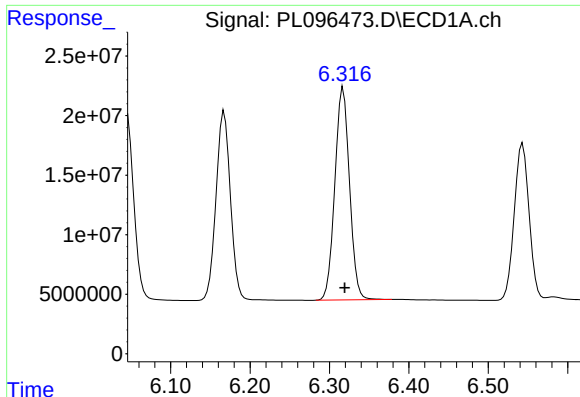
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 201274241
Conc: 54.29 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 377794783
Conc: 58.45 ng/ml



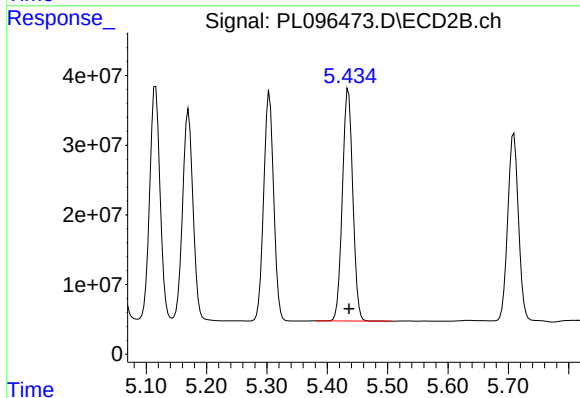
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 229161129
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

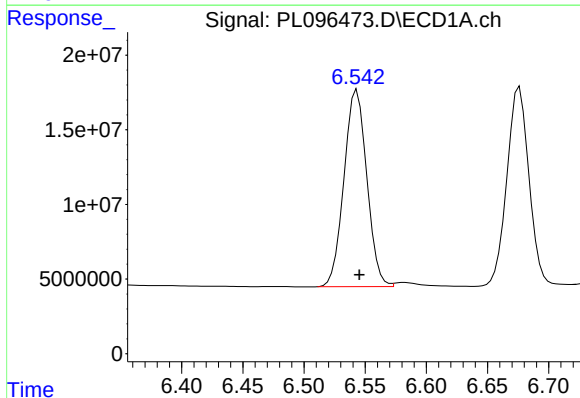
Manual Integrations
APPROVED

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



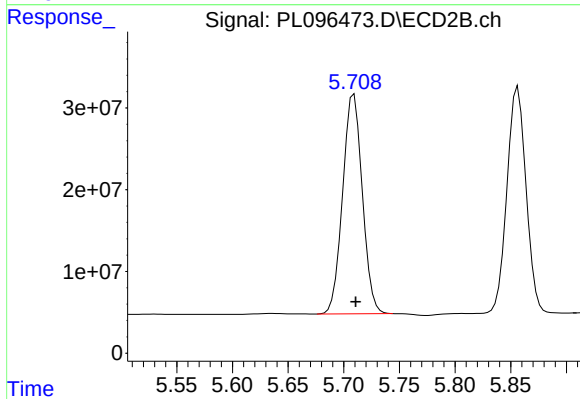
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 399309023
Conc: 58.56 ng/ml



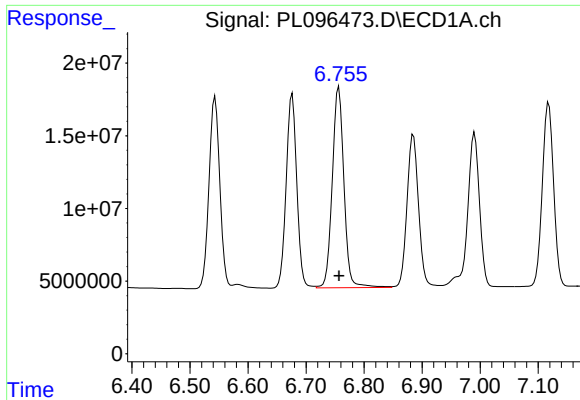
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 171392371
Conc: 55.11 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 330411775
Conc: 54.20 ng/ml



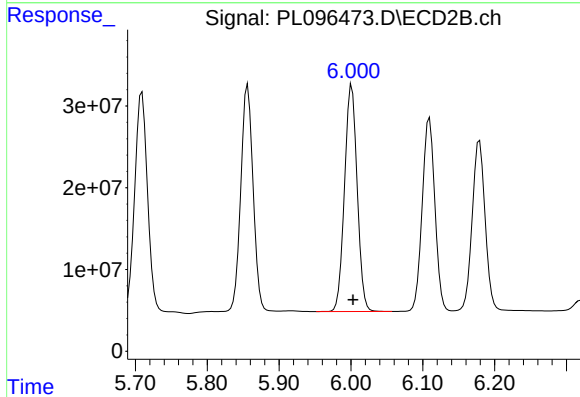
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 193256968
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

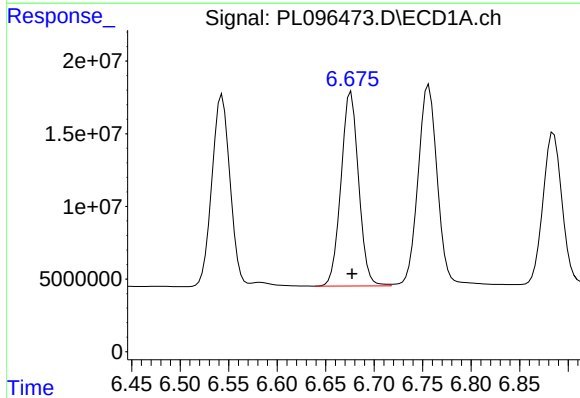
Manual Integrations
APPROVED

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



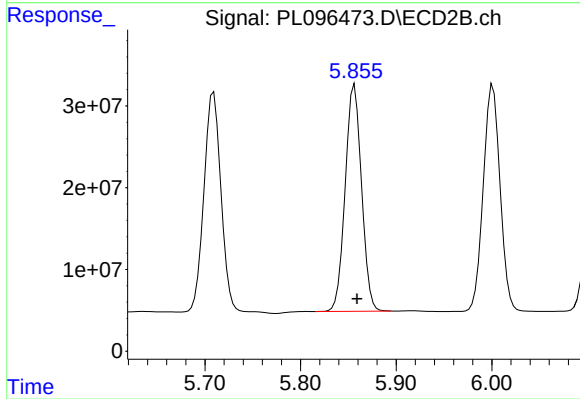
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.001 min
Response: 338698658
Conc: 57.76 ng/ml



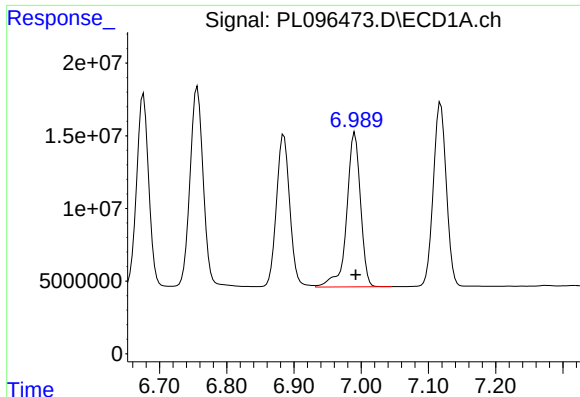
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 168869627
Conc: 58.00 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 330772909
Conc: 64.49 ng/ml



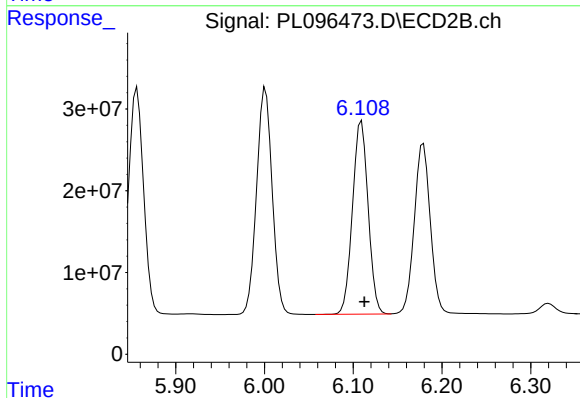
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.001 min
Response: 151533583
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

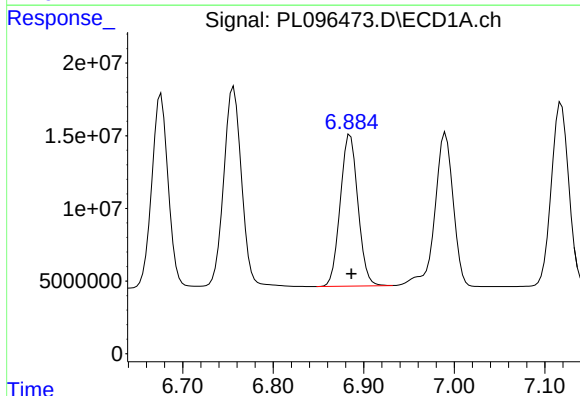
Manual Integrations
APPROVED

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



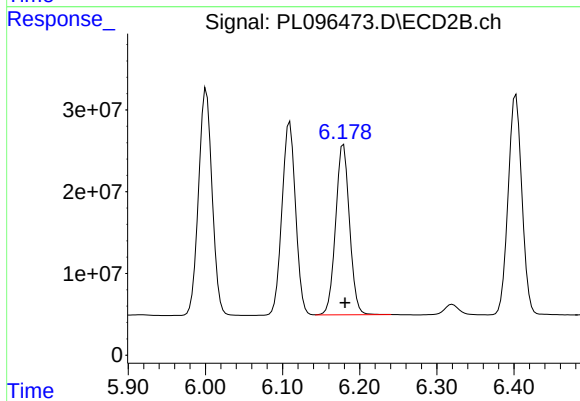
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 289331190
Conc: 50.45 ng/ml



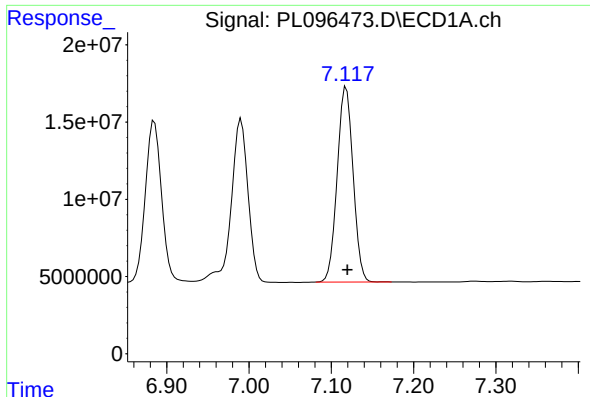
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.003 min
Response: 141838754
Conc: 63.45 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 261512168
Conc: 58.71 ng/ml



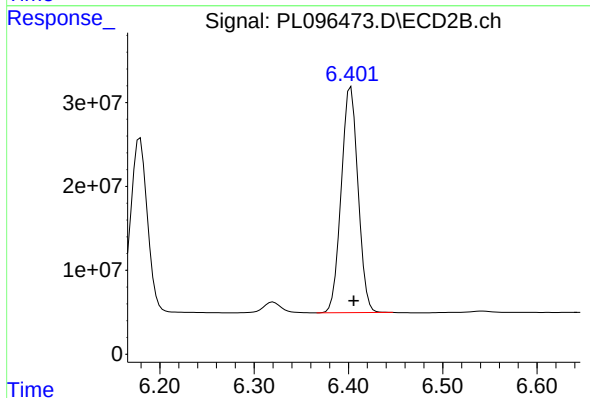
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.001 min
Response: 169429533
Conc: 55.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

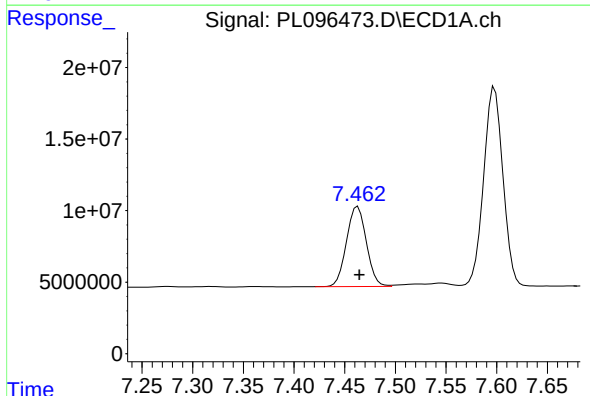
Manual Integrations
APPROVED

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



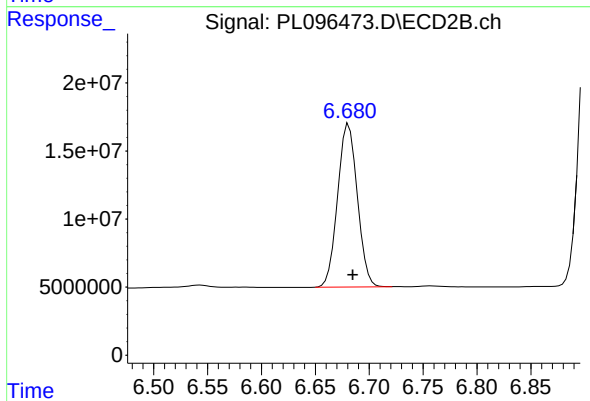
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 333403794
Conc: 59.28 ng/ml



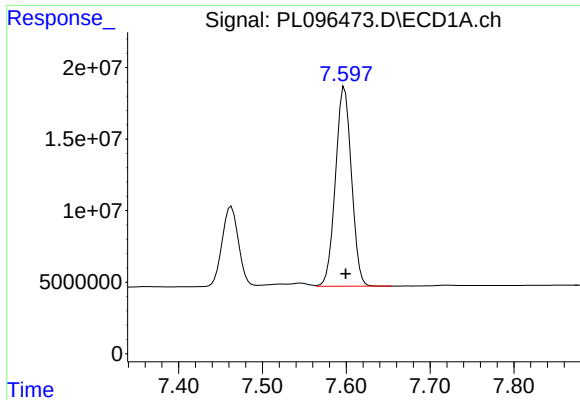
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 76408731
Conc: 48.50 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 152778592
Conc: 50.29 ng/ml



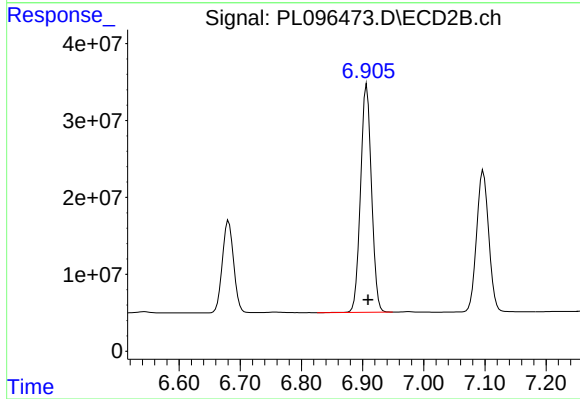
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 184595213
Conc: 55.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

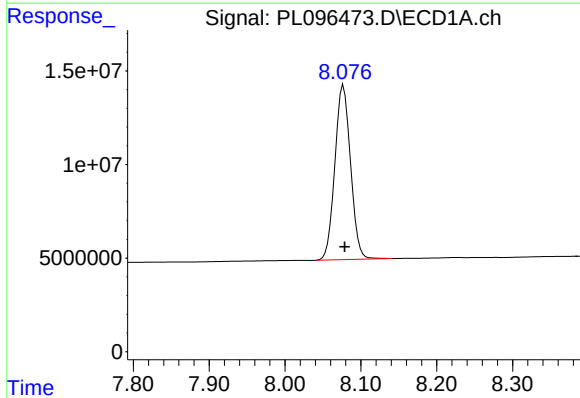
Manual Integrations
APPROVED

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



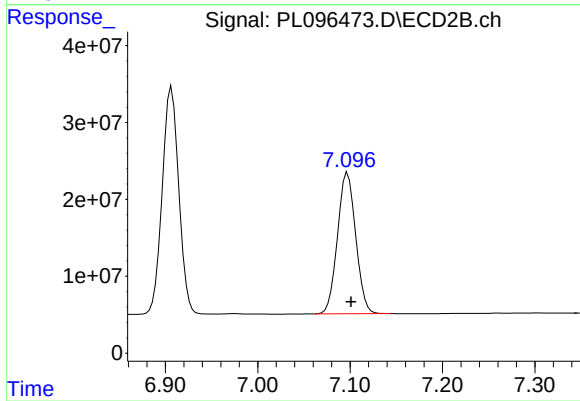
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 368786893
Conc: 58.98 ng/ml



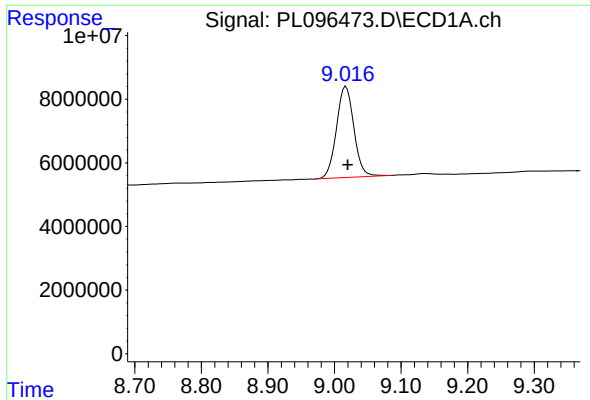
#22 Mirex

R.T.: 8.077 min
Delta R.T.: -0.002 min
Response: 133811173
Conc: 48.10 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 251808468
Conc: 50.68 ng/ml



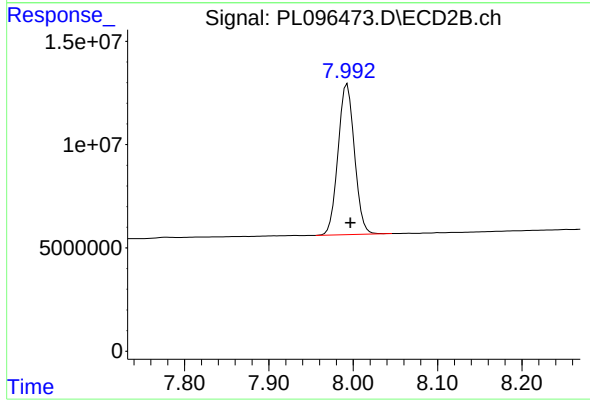
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 52063119
Conc: 18.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 98701457
Conc: 19.79 ng/ml