

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
 Data File : PL096513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 15:52
 Operator : AR\AJ
 Sample : PB168880BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168880BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/23/2025
 Supervised By : mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 23 01:47:59 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	2.824	74871058	137.4E6	20.518	23.807
28)	SA Decachlor...	9.021	7.993	61022226	118.3E6	21.692	23.722
Target Compounds							
2)	A alpha-BHC	3.982	3.330	246.4E6	463.8E6	47.904	54.987
3)	MA gamma-BHC...	4.311	3.663	236.4E6	429.6E6	47.473	54.547
4)	MA Heptachlor	4.904	4.012	225.5E6	415.8E6	49.229	54.651
5)	MB Aldrin	5.243	4.295	234.2E6	396.0E6	48.458m	54.281
6)	B beta-BHC	4.497	3.959	98401682	179.3E6	47.336	52.360
7)	B delta-BHC	4.743	4.192	219.2E6	419.4E6	48.924	54.454
8)	B Heptachlo...	5.664	4.797	200.5E6	353.3E6	48.321	52.847
9)	A Endosulfan I	6.046	5.169	191.0E6	329.0E6	47.317	45.861
10)	B gamma-Chl...	5.918	5.050	206.6E6	379.0E6	46.690	53.993
11)	B alpha-Chl...	5.998	5.114	205.6E6	368.7E6	46.958	49.031
12)	B 4,4'-DDE	6.169	5.303	173.5E6	350.2E6	46.801	54.184
13)	MA Dieldrin	6.318	5.432	198.4E6	368.3E6	46.909	54.009m
14)	MA Endrin	6.545	5.708	163.2E6	338.3E6	52.457	55.484
15)	B Endosulfa...	6.758	6.001	176.5E6	306.4E6	50.860	52.248
16)	A 4,4'-DDD	6.677	5.856	171.2E6	294.3E6	58.784	57.376
17)	MA 4,4'-DDT	6.992	6.109	149.4E6	327.1E6	49.236	57.027
18)	B Endrin al...	6.885	6.179	123.5E6	243.3E6	55.245m	54.610
19)	B Endosulfa...	7.120	6.402	148.0E6	309.8E6	48.377	55.075
20)	A Methoxychlor	7.465	6.681	78559836	159.7E6	49.867	52.567
21)	B Endrin ke...	7.599	6.907	153.9E6	342.2E6	46.616	54.733
22)	Mirex	8.079	7.097	130.5E6	254.8E6	46.888	51.284

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072225\
Data File : PL096513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 15:52
Operator : AR\AJ
Sample : PB168880BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB168880BS

Manual Integrations

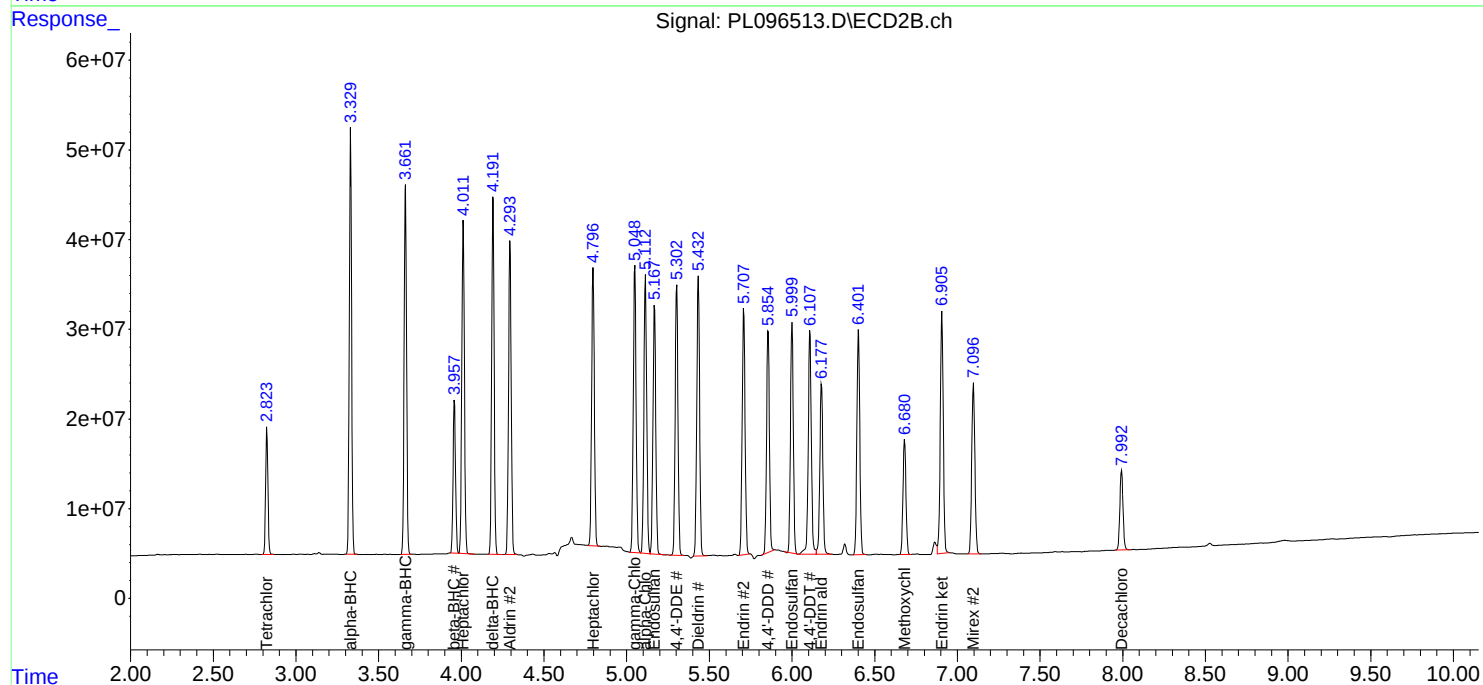
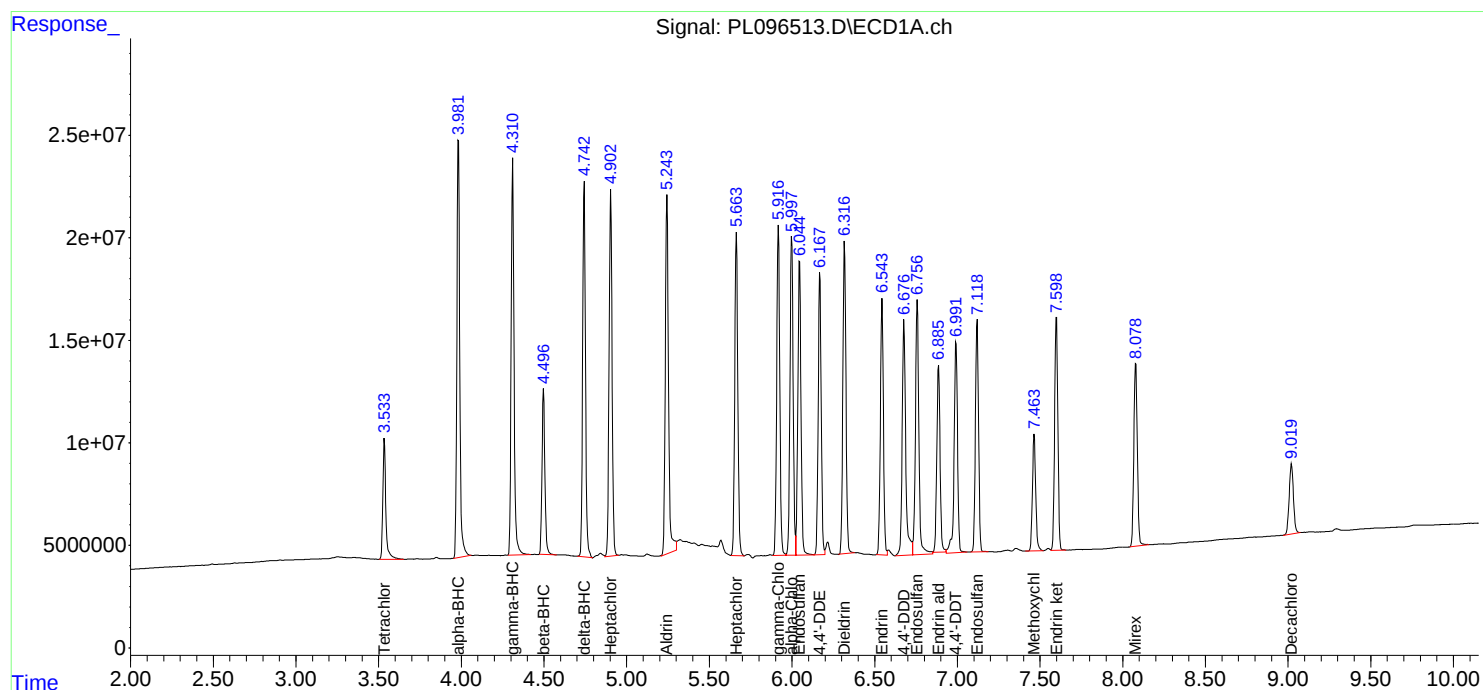
APPROVED

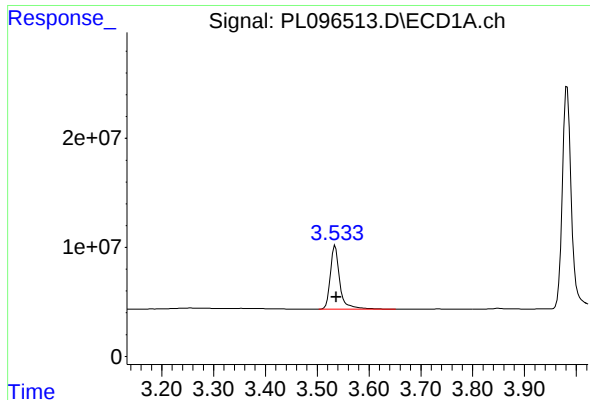
Reviewed By :Abdul Mirza 07/23/2025

Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:47:59 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





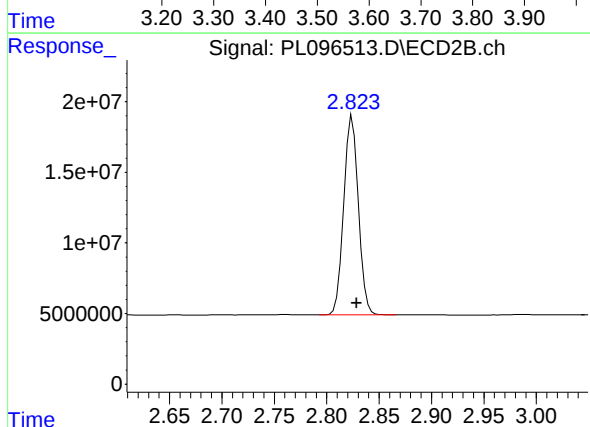
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 74871058
Conc: 20.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

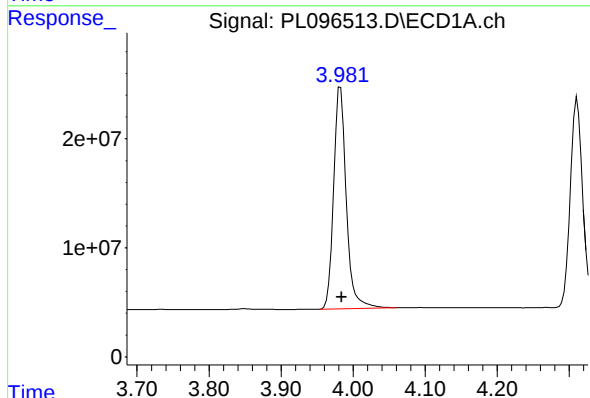
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



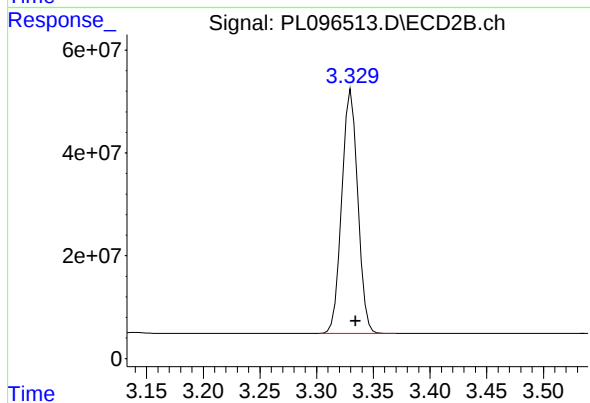
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.004 min
Response: 137397892
Conc: 23.81 ng/ml



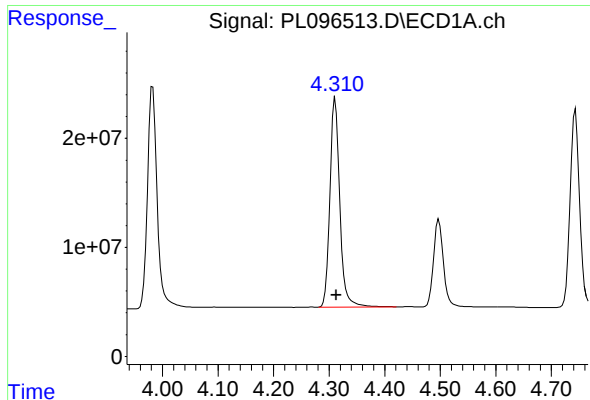
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.002 min
Response: 246377070
Conc: 47.90 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.004 min
Response: 463779512
Conc: 54.99 ng/ml



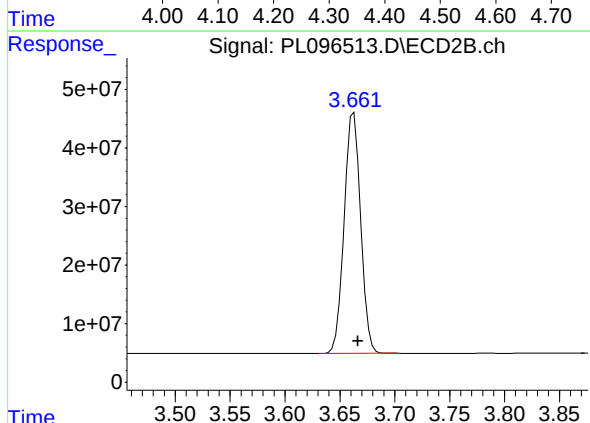
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 236399704
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

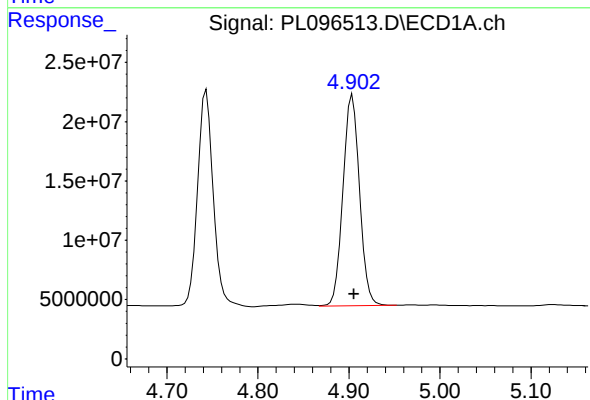
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



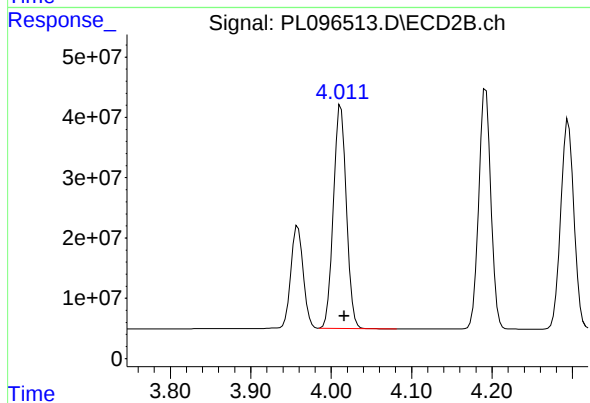
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.004 min
Response: 429607983
Conc: 54.55 ng/ml



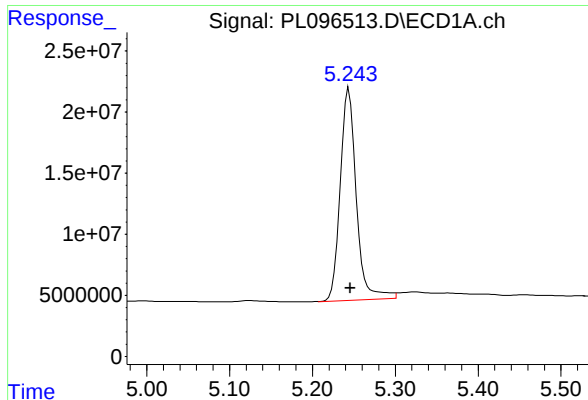
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 225527892
Conc: 49.23 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.004 min
Response: 415770103
Conc: 54.65 ng/ml



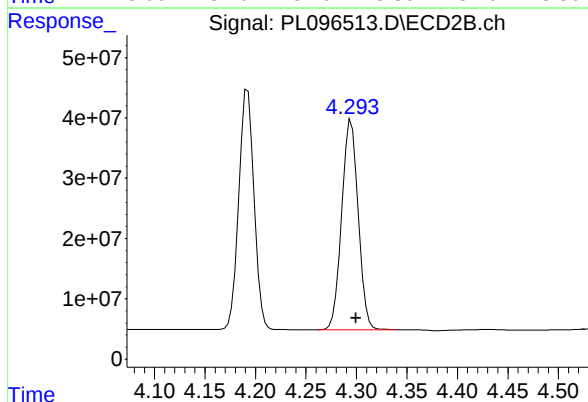
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 234231259
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

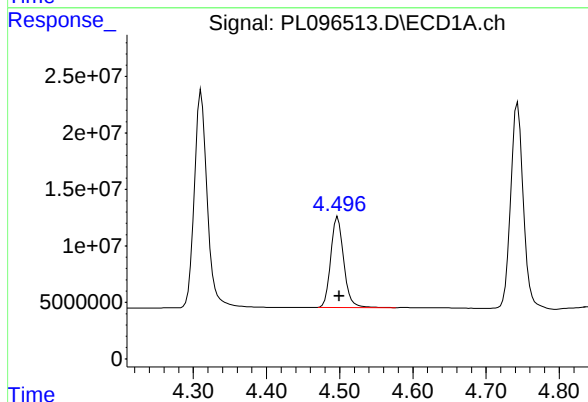
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



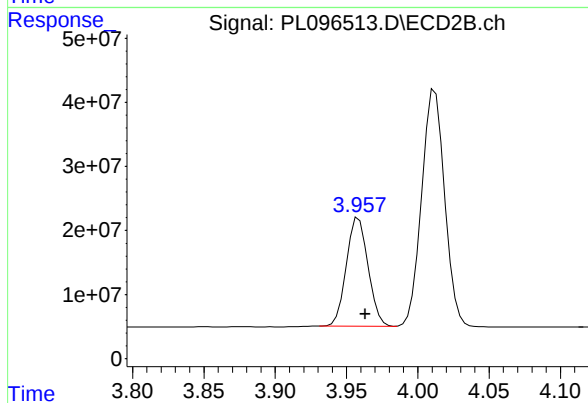
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 396014781
Conc: 54.28 ng/ml



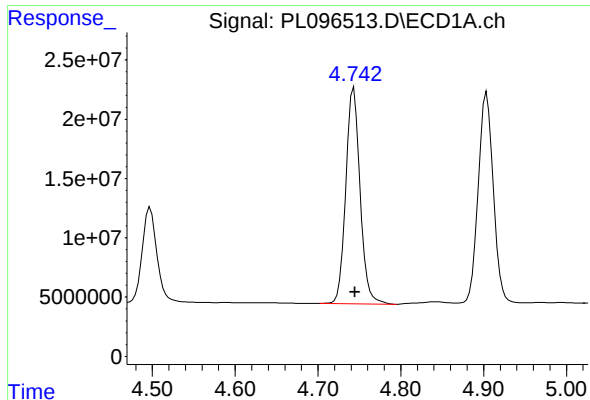
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 98401682
Conc: 47.34 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.004 min
Response: 179276527
Conc: 52.36 ng/ml



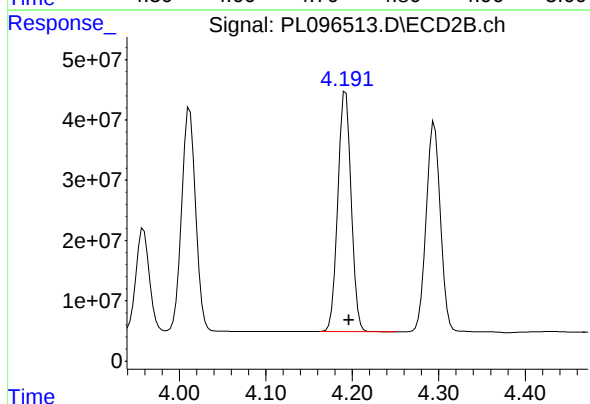
#7 delta-BHC

R.T.: 4.743 min
Delta R.T.: -0.001 min
Response: 219243283
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

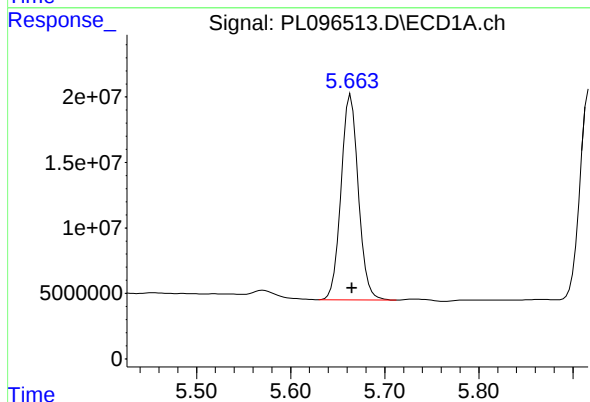
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



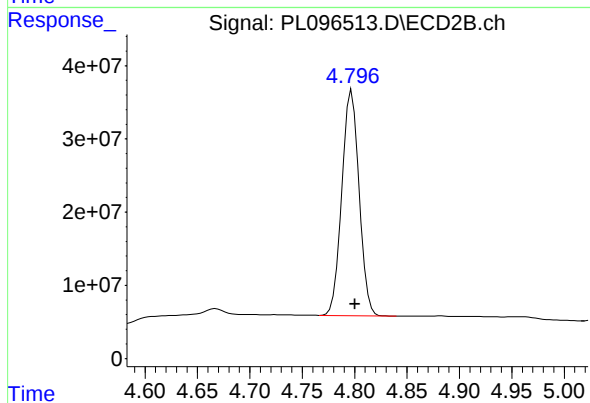
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.004 min
Response: 419402800
Conc: 54.45 ng/ml



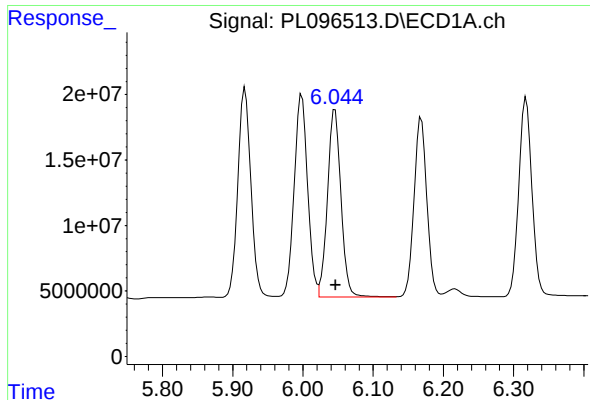
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 200490470
Conc: 48.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.003 min
Response: 353278859
Conc: 52.85 ng/ml



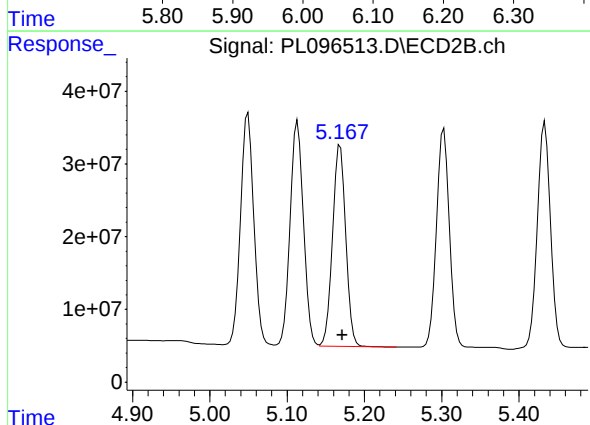
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 191029333
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

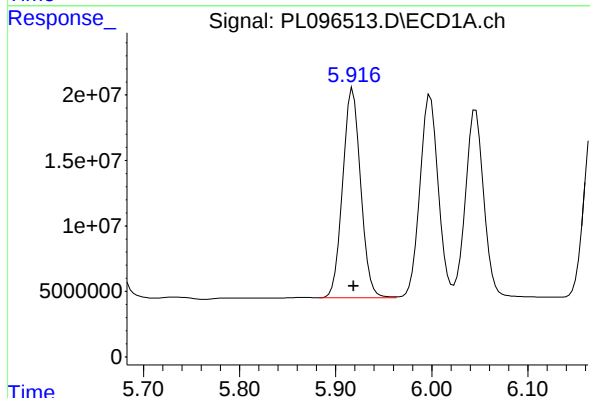
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



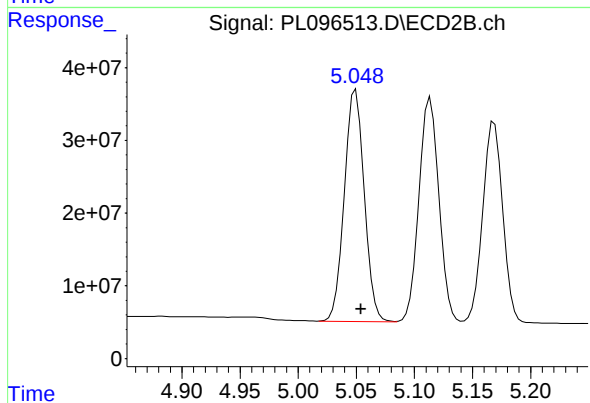
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 329010690
Conc: 45.86 ng/ml



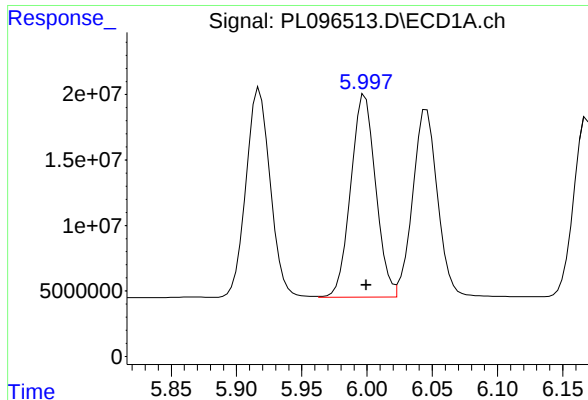
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 206592020
Conc: 46.69 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 379014288
Conc: 53.99 ng/ml



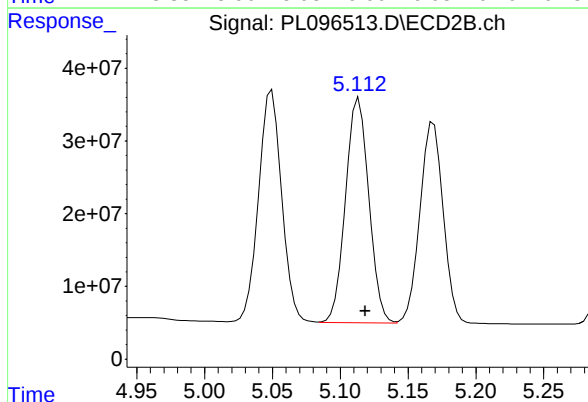
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 205623258
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

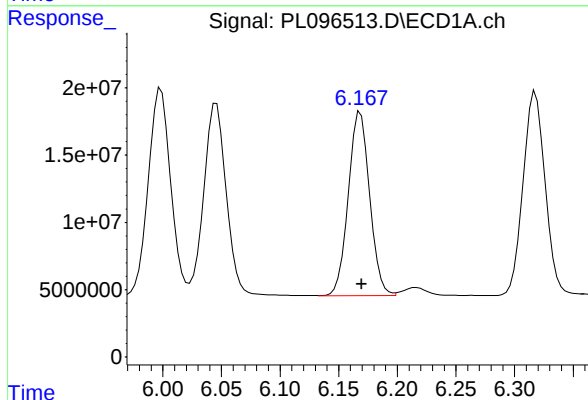
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



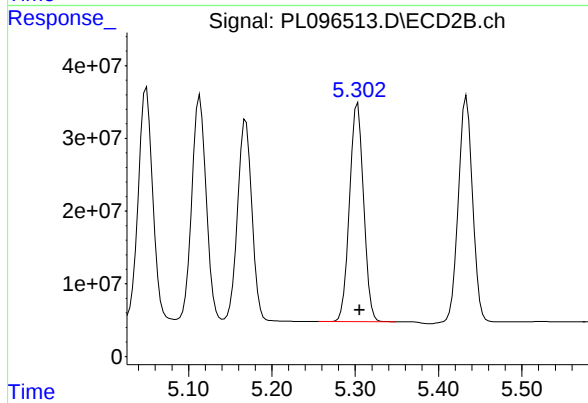
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: -0.005 min
Response: 368727166
Conc: 49.03 ng/ml



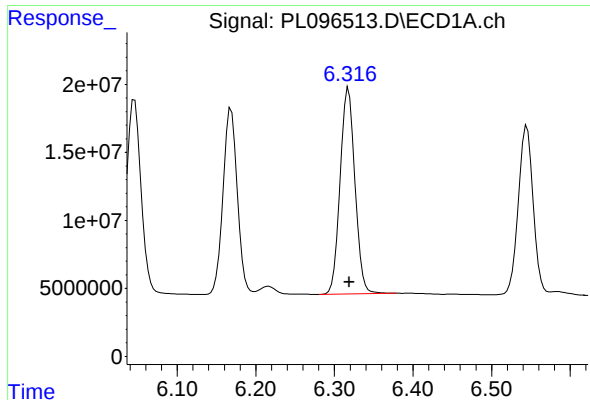
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: -0.001 min
Response: 173513508
Conc: 46.80 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: -0.003 min
Response: 350229316
Conc: 54.18 ng/ml



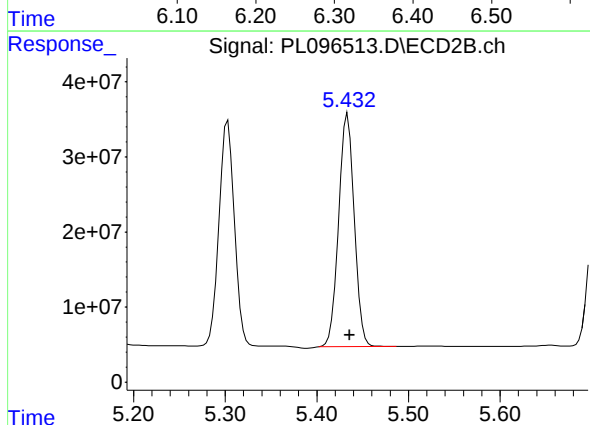
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: -0.001 min
Response: 198351874
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

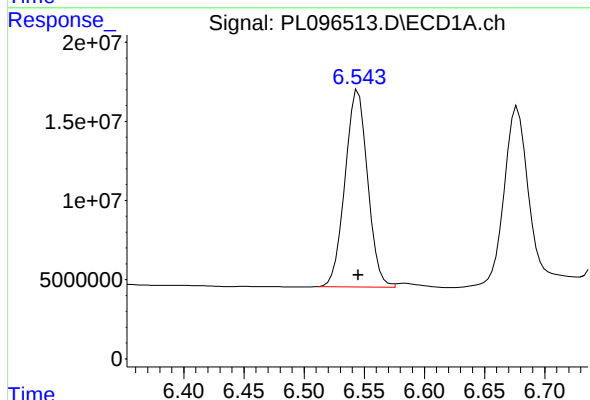
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



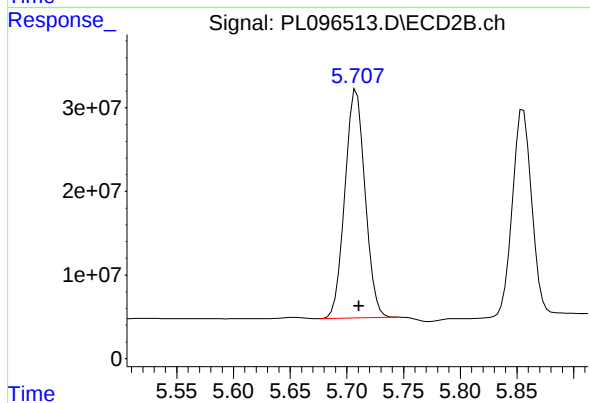
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.004 min
Response: 368300501
Conc: 54.01 ng/ml



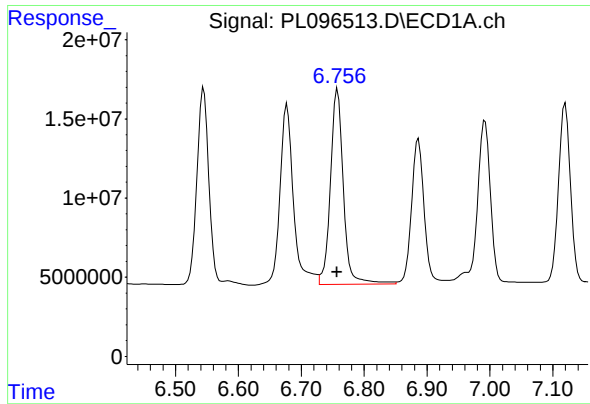
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 163153538
Conc: 52.46 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: -0.002 min
Response: 338260164
Conc: 55.48 ng/ml



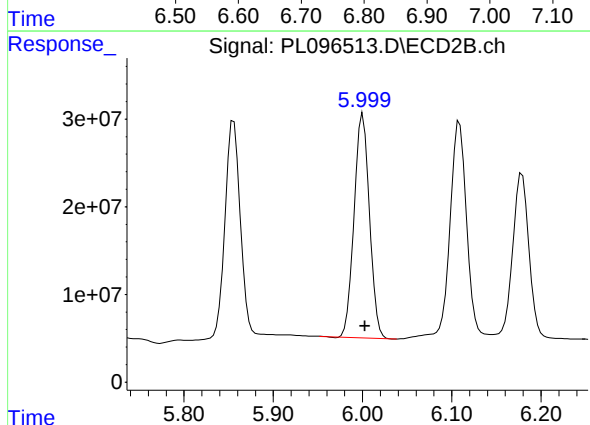
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 176485863
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

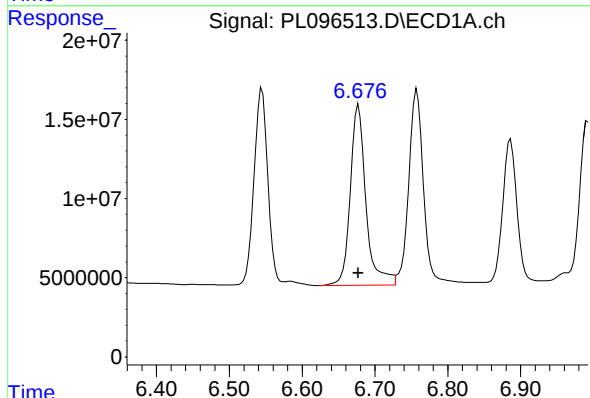
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



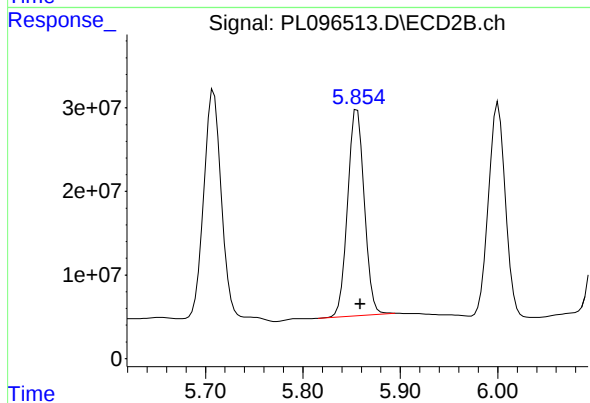
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 306378643
Conc: 52.25 ng/ml



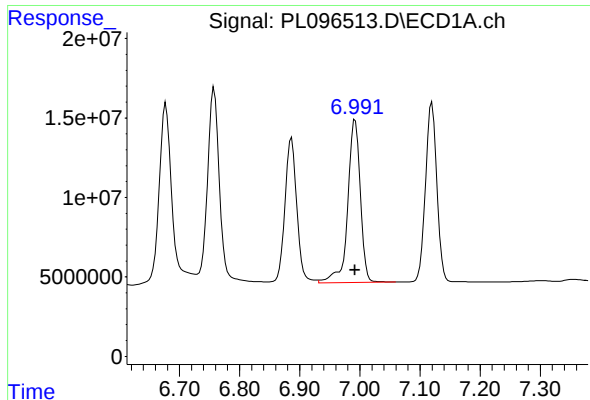
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 171161334
Conc: 58.78 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 294261975
Conc: 57.38 ng/ml



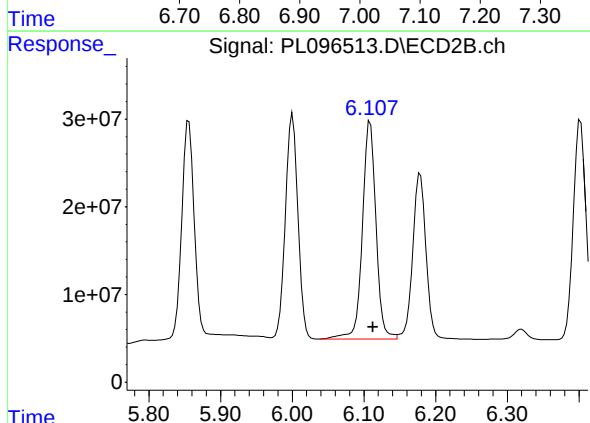
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 149440677
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

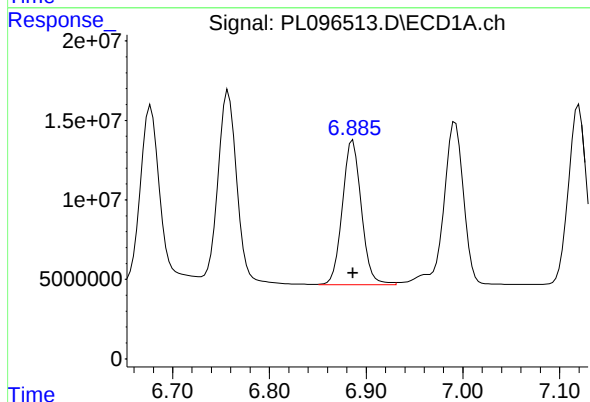
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



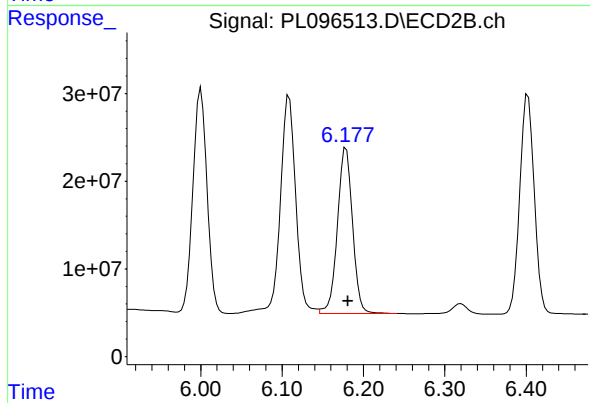
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 327056150
Conc: 57.03 ng/ml



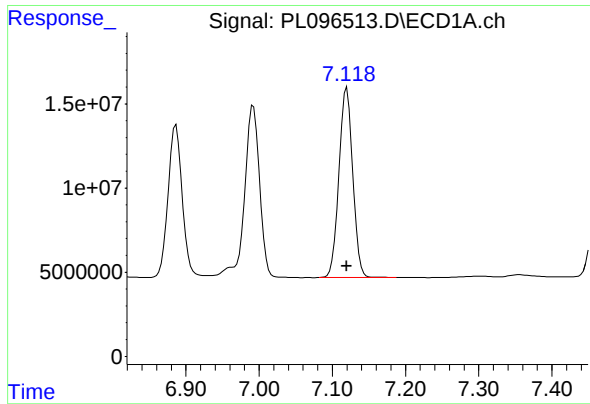
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.001 min
Response: 123502745
Conc: 55.24 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 243266639
Conc: 54.61 ng/ml



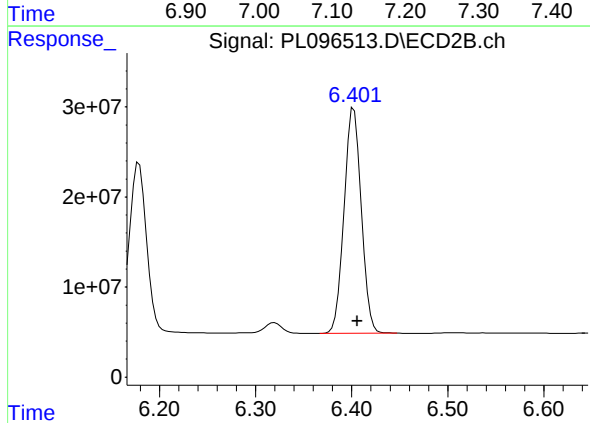
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 147978863
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

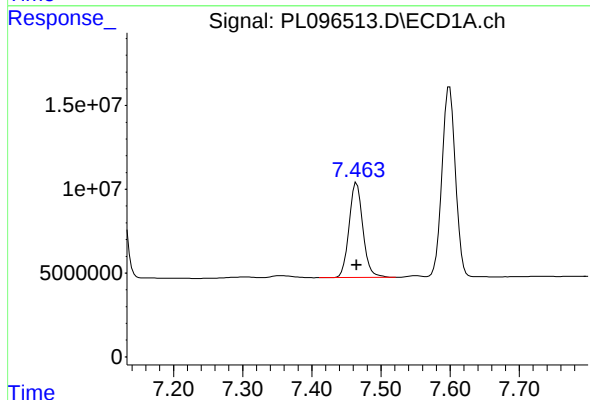
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



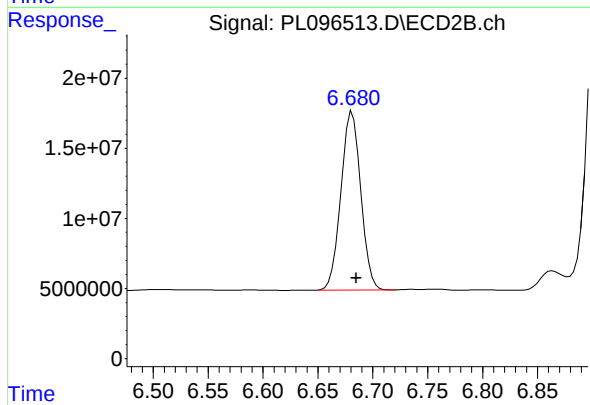
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.004 min
Response: 309761848
Conc: 55.07 ng/ml



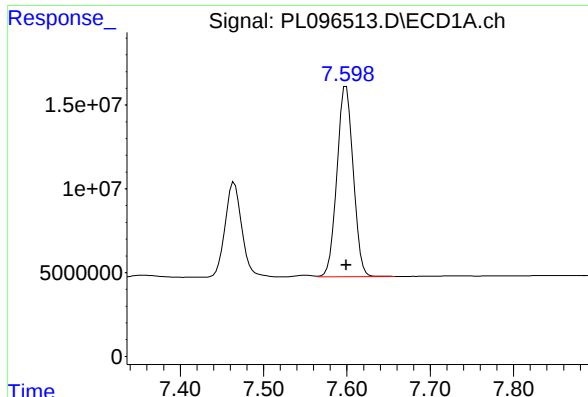
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 78559836
Conc: 49.87 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 159686837
Conc: 52.57 ng/ml



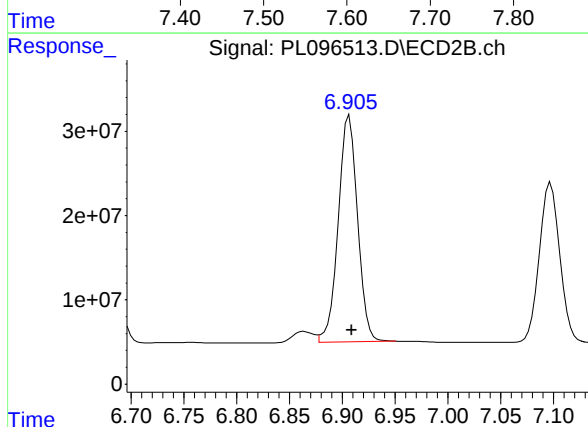
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 153908489
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

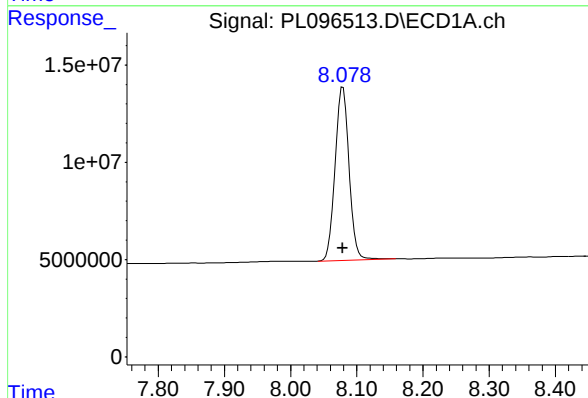
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



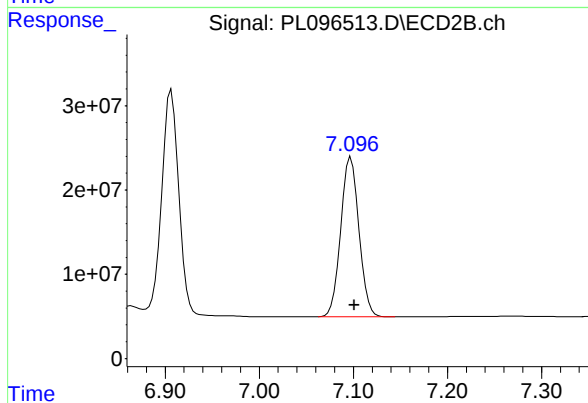
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 342203118
Conc: 54.73 ng/ml



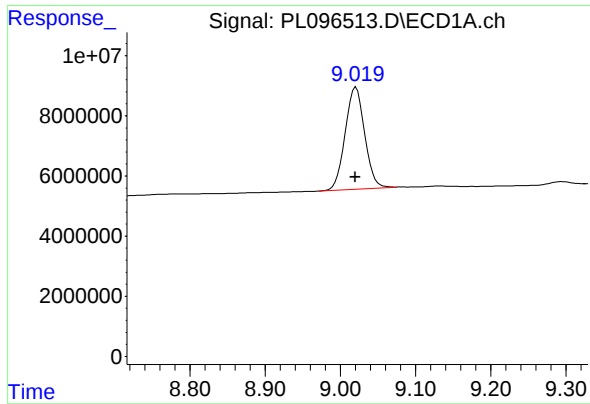
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 130451723
Conc: 46.89 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 254788346
Conc: 51.28 ng/ml



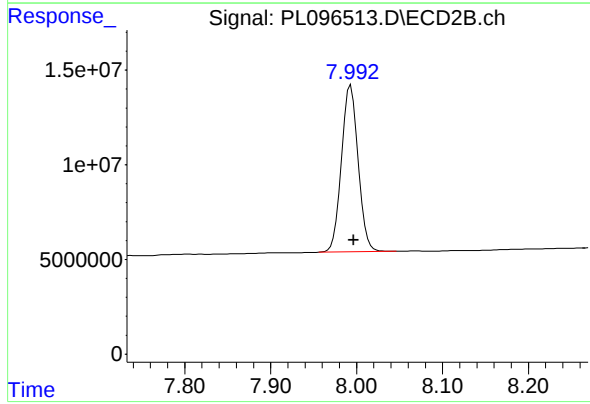
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 61022226
Conc: 21.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168880BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.003 min
Response: 118288962
Conc: 23.72 ng/ml