

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
 Data File : PL096309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 15:25
 Operator : AR\AJ
 Sample : Q2489-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 G4(0-6)MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 23:02:14 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...	3.538	2.829	69858496	106.4E6	19.145	18.437
28)	SA Decachlor...	9.020	7.996	60674352	96864149	21.569	19.425
Target Compounds							
2)	A alpha-BHC	3.986	3.335	261.0E6	393.9E6	50.743	46.704
3)	MA gamma-BHC...	4.314	3.667	251.0E6	364.5E6	50.407	46.286
4)	MA Heptachlor	4.907	4.016	242.1E6	343.8E6	52.852	45.196
5)	MB Aldrin	5.246	4.299	237.2E6	328.5E6	49.066	45.034
6)	B beta-BHC	4.500	3.963	102.3E6	152.4E6	49.233	44.516
7)	B delta-BHC	4.746	4.197	239.7E6	357.7E6	53.485	46.439
8)	B Heptachlo...	5.666	4.802	224.2E6	302.5E6	54.038	45.258
9)	A Endosulfan I	6.047	5.173	206.3E6	284.5E6	51.087	39.657
10)	B gamma-Chl...	5.919	5.054	218.2E6	315.7E6	49.310	44.973
11)	B alpha-Chl...	6.000	5.118	220.2E6	311.3E6	50.278	41.396
12)	B 4,4'-DDE	6.170	5.307	192.2E6	282.4E6	51.853	43.695
13)	MA Dieldrin	6.320	5.437	216.0E6	315.9E6	51.095	46.320
14)	MA Endrin	6.546	5.712	170.1E6	244.4E6	54.676	40.083 #
15)	B Endosulfa...	6.759	6.004	171.8E6	270.8E6	49.513	46.182
16)	A 4,4'-DDD	6.678	5.859	155.9E6	252.5E6	53.536	49.240
17)	MA 4,4'-DDT	6.993	6.112	159.6E6	221.8E6	52.587	38.667 #
18)	B Endrin al...	6.887	6.182	131.4E6	212.0E6	58.789	47.591
19)	B Endosulfa...	7.120	6.405	161.9E6	260.4E6	52.930	46.302
20)	A Methoxychlor	7.465	6.684	80033871	131.2E6	50.802	43.201
21)	B Endrin ke...	7.600	6.908	176.7E6	295.8E6	53.514	47.318m
22)	Mirex	8.079	7.101	138.8E6	223.5E6	49.891	44.990

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071025\
Data File : PL096309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:25
Operator : AR\AJ
Sample : Q2489-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

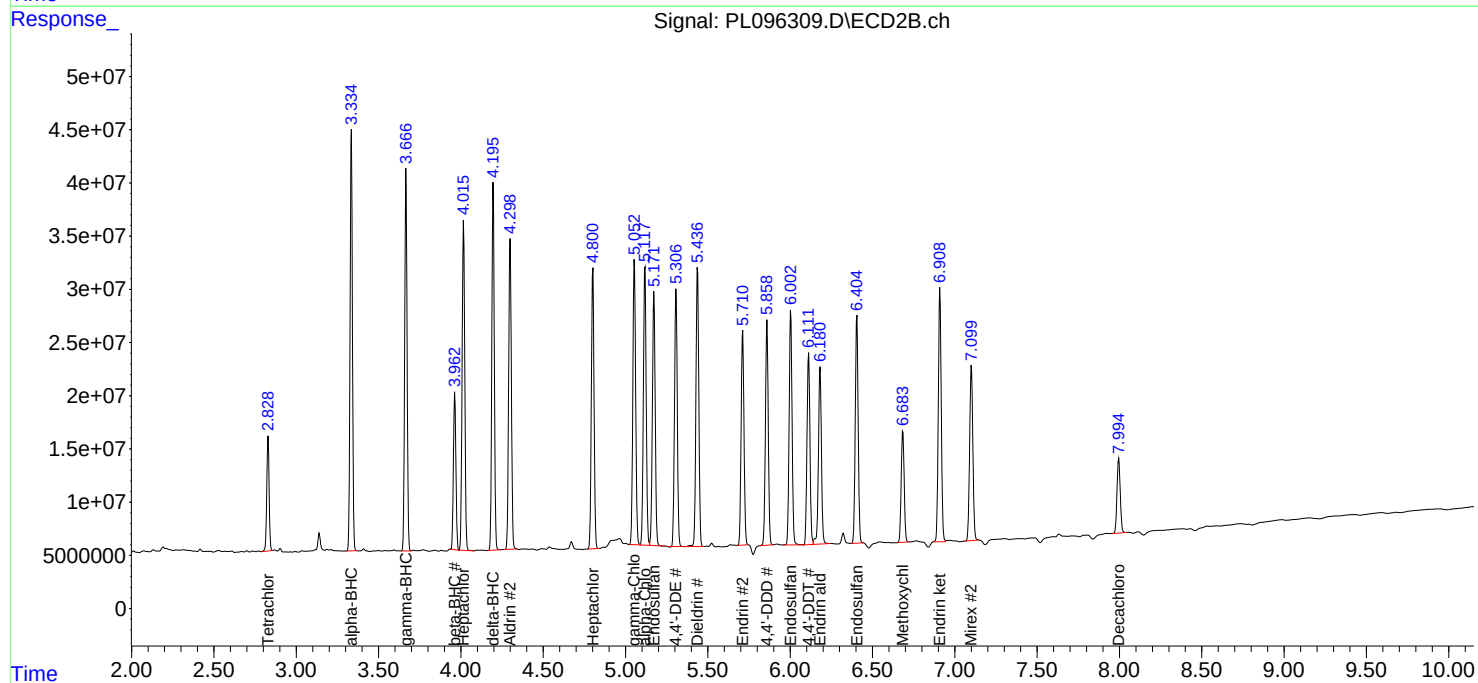
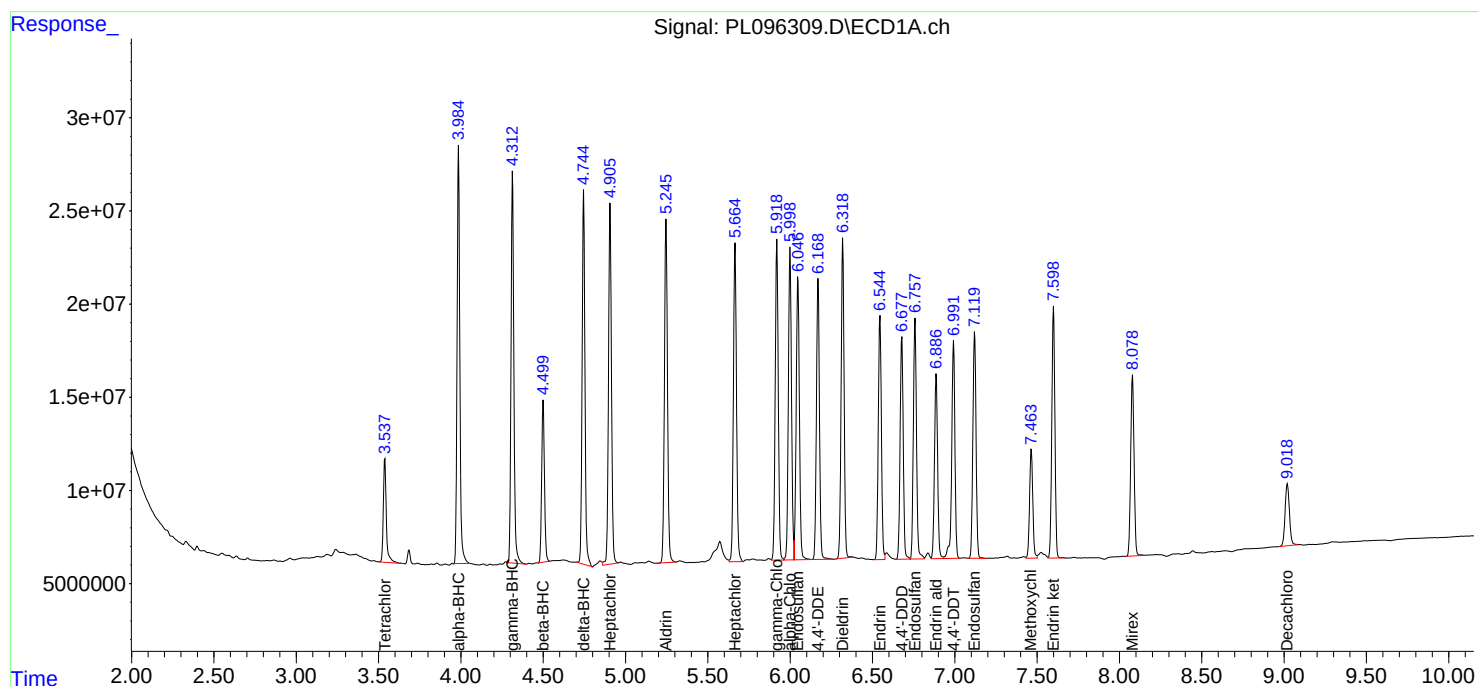
Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

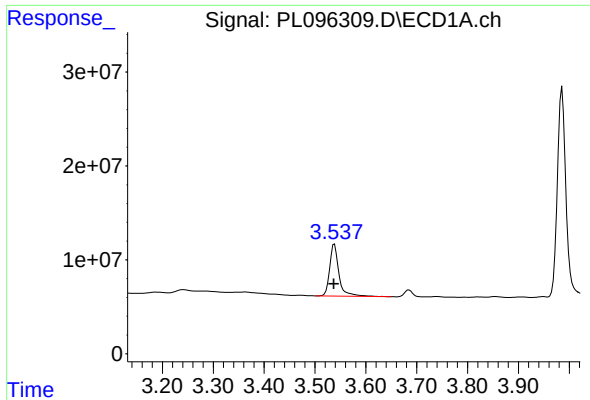
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 23:02:14 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





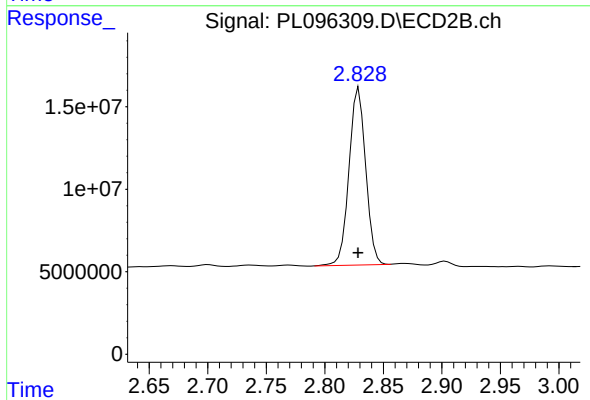
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.001 min
Response: 69858496
Conc: 19.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

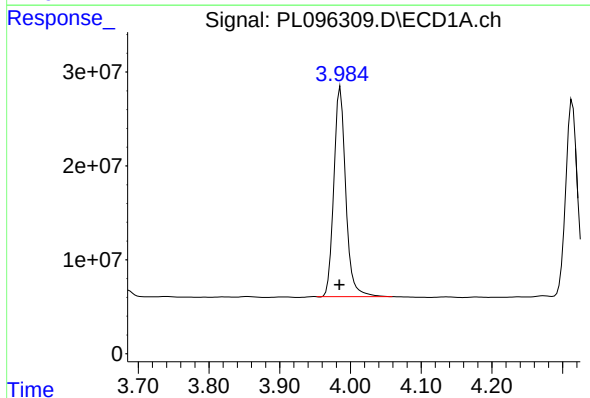
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



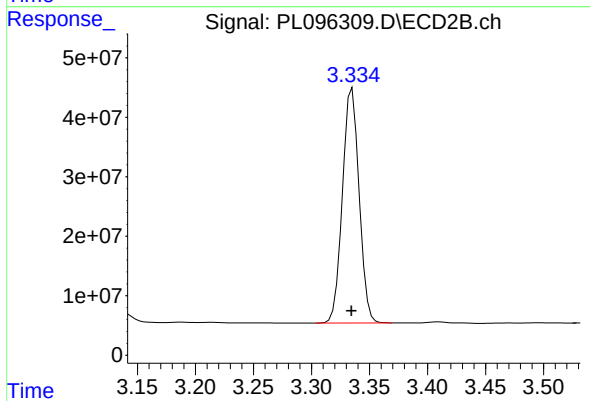
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 106404193
Conc: 18.44 ng/ml



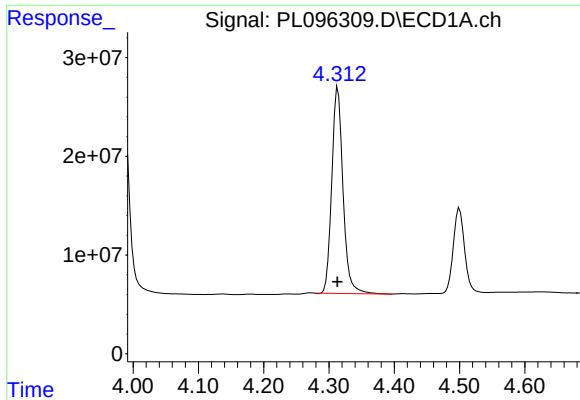
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: 0.002 min
Response: 260977697
Conc: 50.74 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 393921136
Conc: 46.70 ng/ml



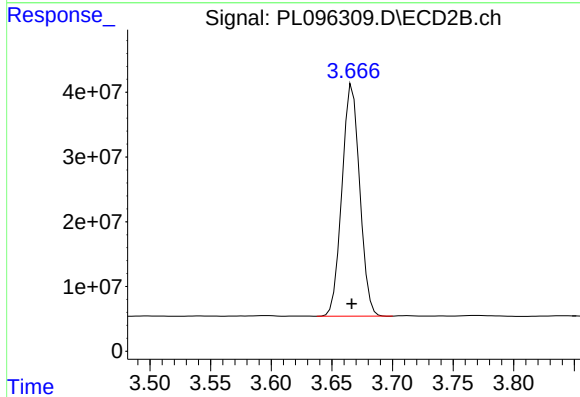
#3 gamma-BHC (Lindane)

R.T.: 4.314 min
Delta R.T.: 0.000 min
Response: 251010564
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

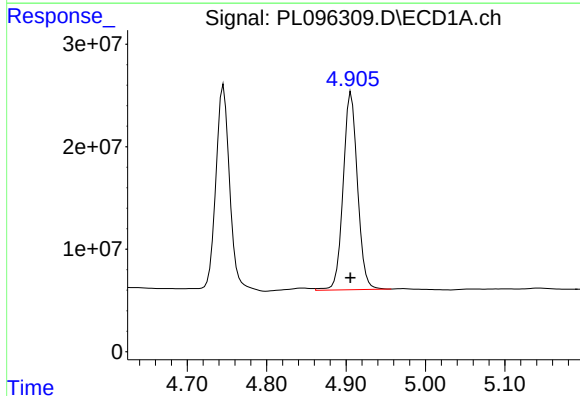
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



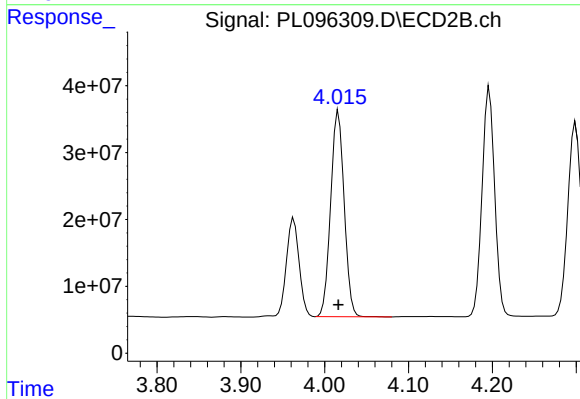
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 364542905
Conc: 46.29 ng/ml



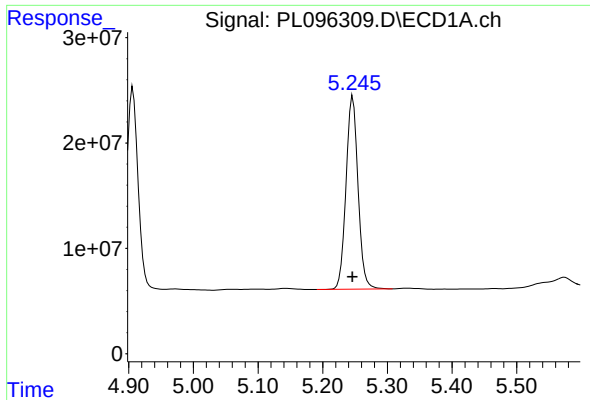
#4 Heptachlor

R.T.: 4.907 min
Delta R.T.: 0.001 min
Response: 242126750
Conc: 52.85 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 343843402
Conc: 45.20 ng/ml



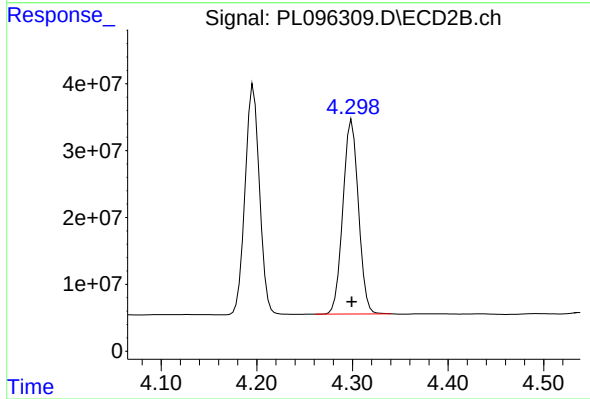
#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 237173399
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

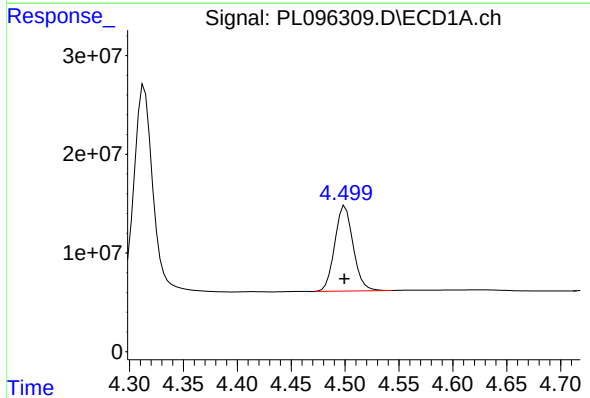
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



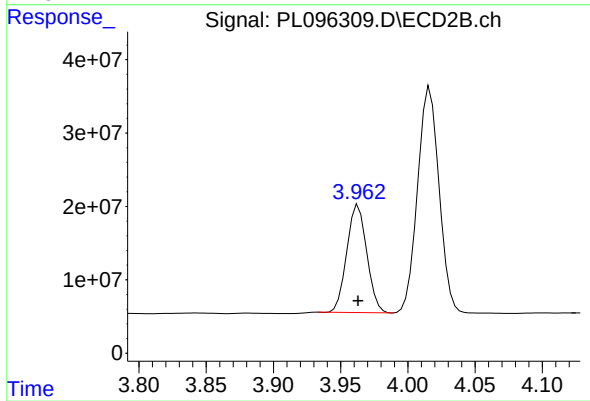
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 328548458
Conc: 45.03 ng/ml



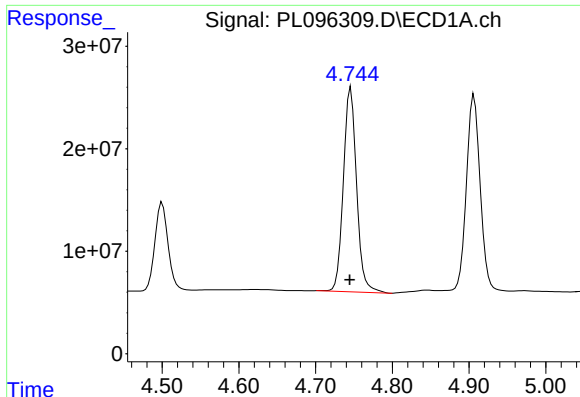
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 102345577
Conc: 49.23 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 152420076
Conc: 44.52 ng/ml



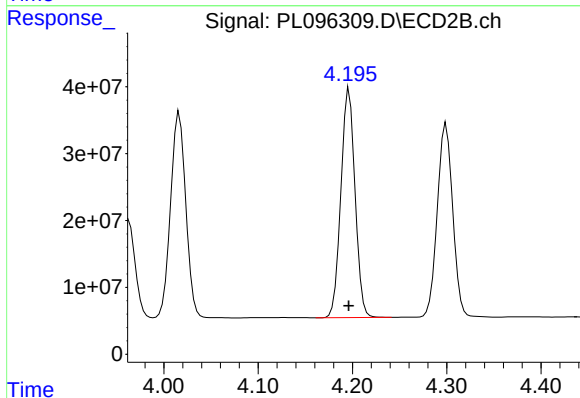
#7 delta-BHC

R.T.: 4.746 min
Delta R.T.: 0.001 min
Response: 239681903
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

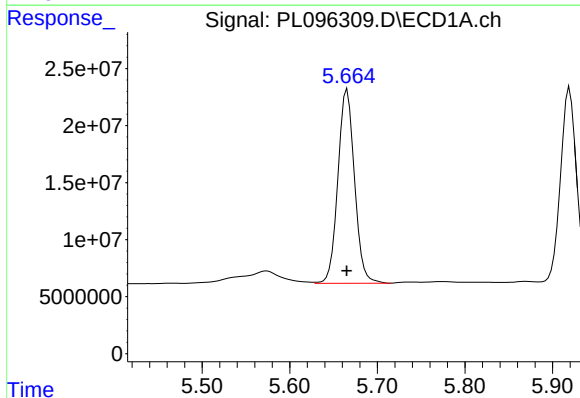
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



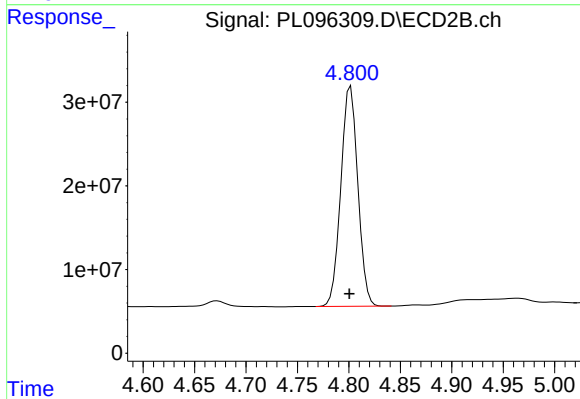
#7 delta-BHC

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 357668845
Conc: 46.44 ng/ml



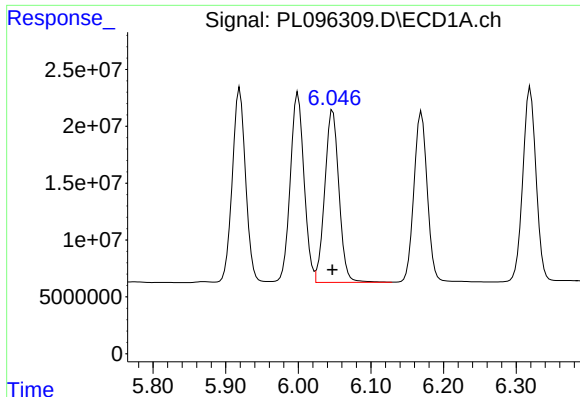
#8 Heptachlor epoxide

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 224210960
Conc: 54.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.802 min
Delta R.T.: 0.001 min
Response: 302546109
Conc: 45.26 ng/ml



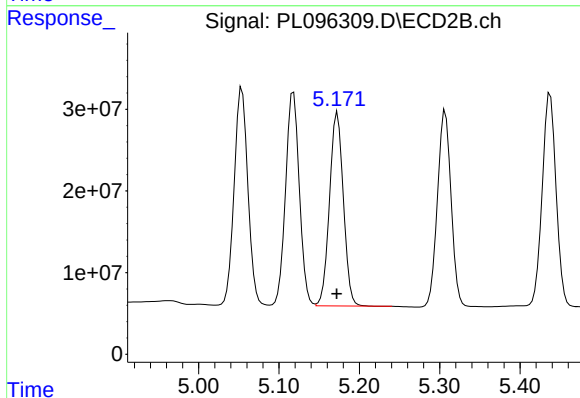
#9 Endosulfan I

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 206252225
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

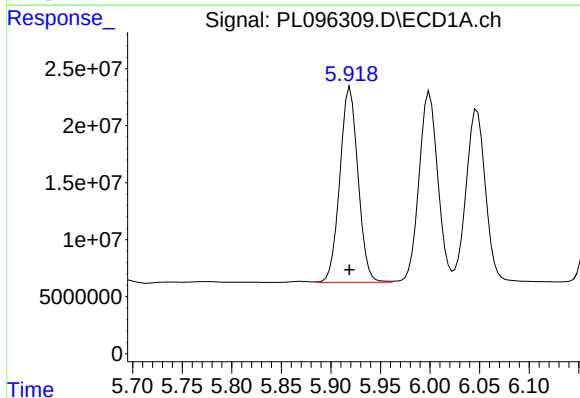
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



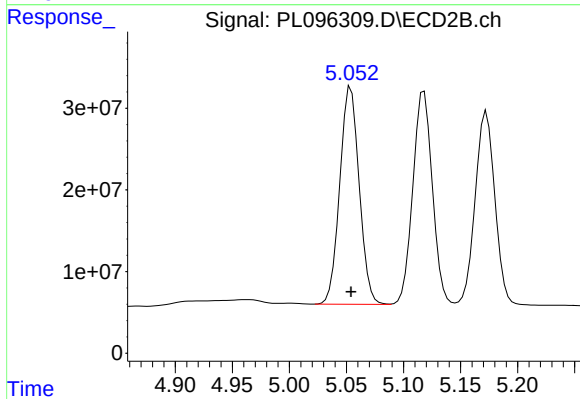
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 284503528
Conc: 39.66 ng/ml



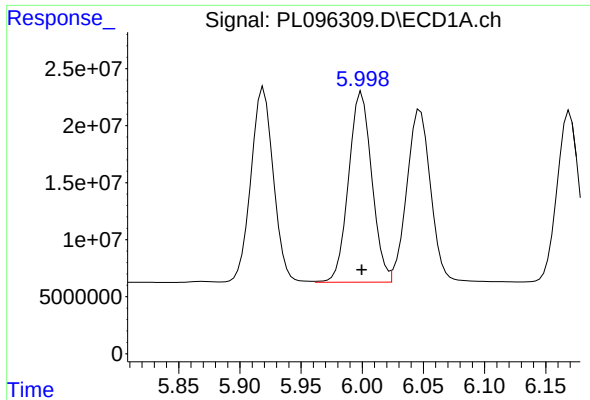
#10 gamma-Chlordane

R.T.: 5.919 min
Delta R.T.: 0.000 min
Response: 218189072
Conc: 49.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 315693868
Conc: 44.97 ng/ml



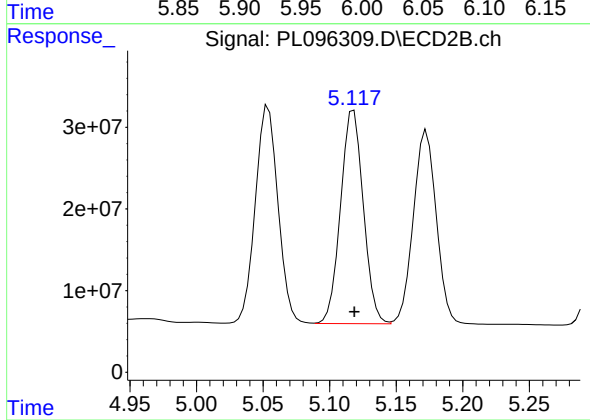
#11 alpha-Chlordane

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 220161762
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

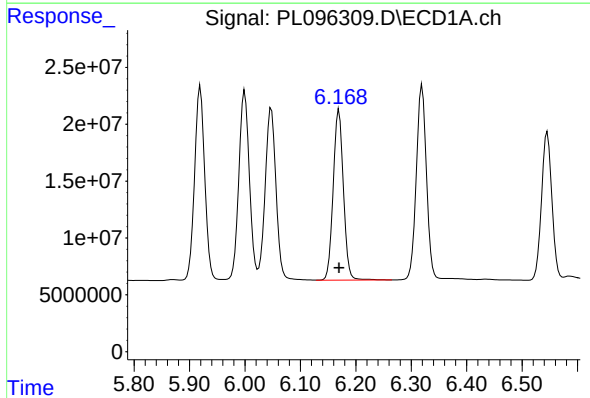
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



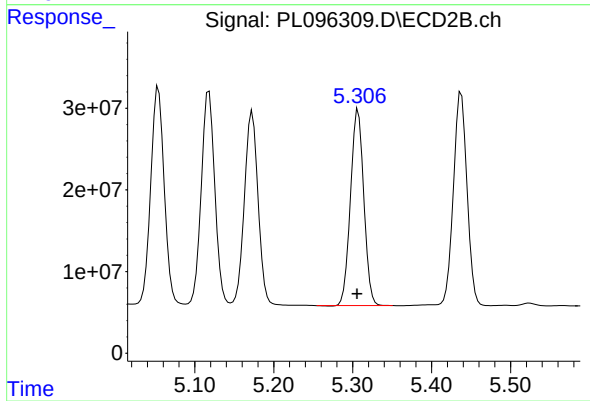
#11 alpha-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 311308220
Conc: 41.40 ng/ml



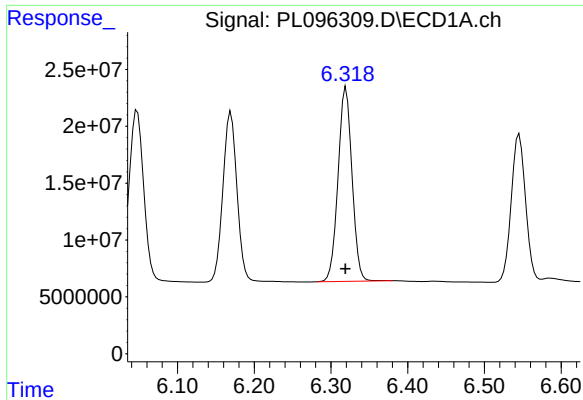
#12 4,4'-DDE

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 192243336
Conc: 51.85 ng/ml



#12 4,4'-DDE

R.T.: 5.307 min
Delta R.T.: 0.002 min
Response: 282429041
Conc: 43.69 ng/ml



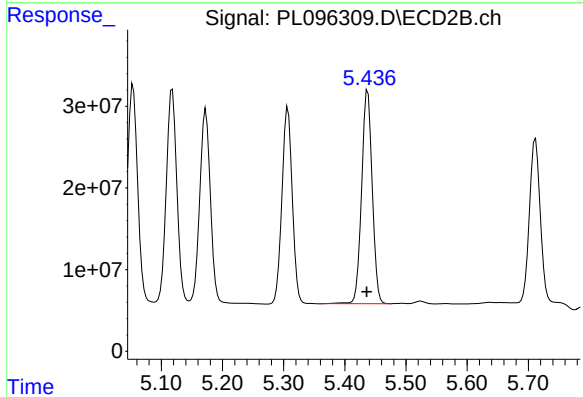
#13 Dieldrin

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 216048742
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

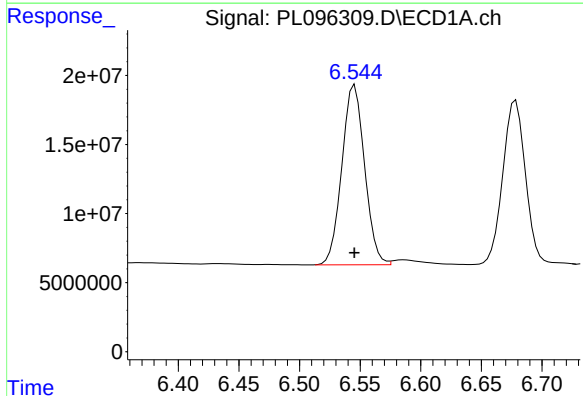
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



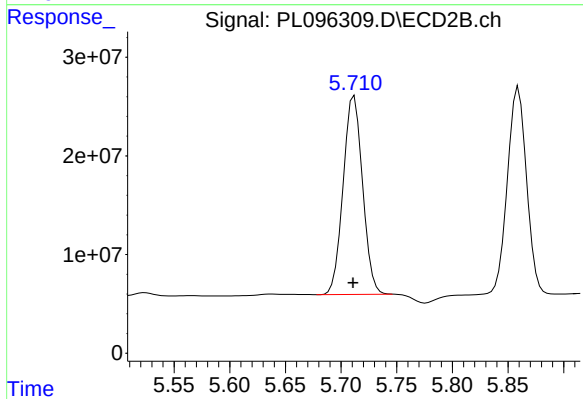
#13 Dieldrin

R.T.: 5.437 min
Delta R.T.: 0.001 min
Response: 315867583
Conc: 46.32 ng/ml



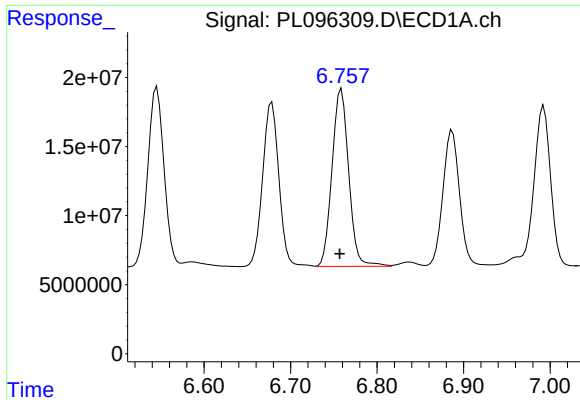
#14 Endrin

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 170052511
Conc: 54.68 ng/ml



#14 Endrin

R.T.: 5.712 min
Delta R.T.: 0.001 min
Response: 244368083
Conc: 40.08 ng/ml



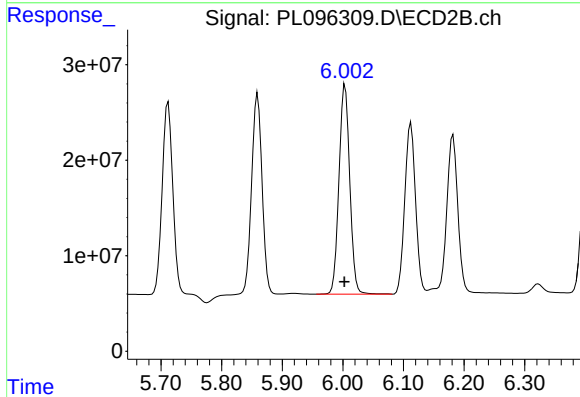
#15 Endosulfan II

R.T.: 6.759 min
Delta R.T.: 0.002 min
Response: 171812976
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

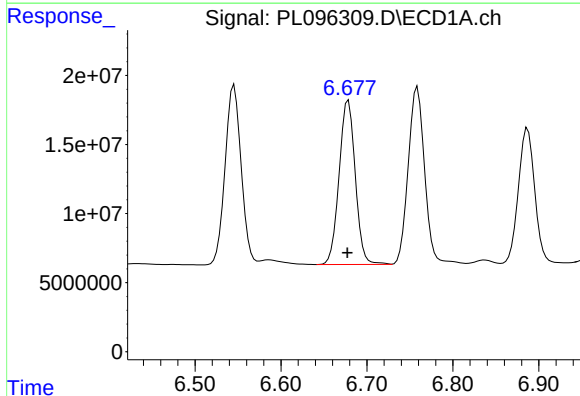
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



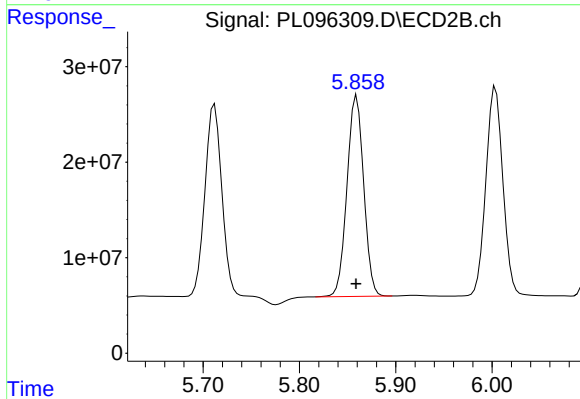
#15 Endosulfan II

R.T.: 6.004 min
Delta R.T.: 0.001 min
Response: 270805595
Conc: 46.18 ng/ml



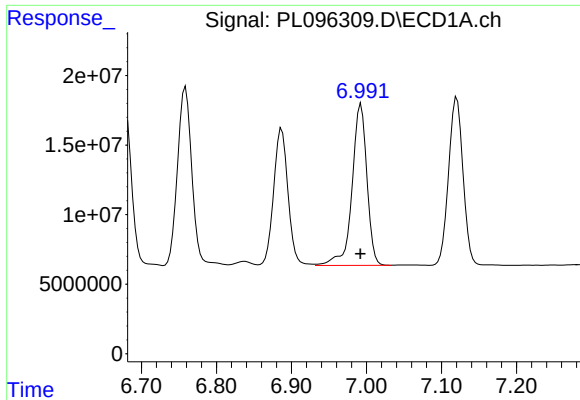
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 155879637
Conc: 53.54 ng/ml



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 252536654
Conc: 49.24 ng/ml



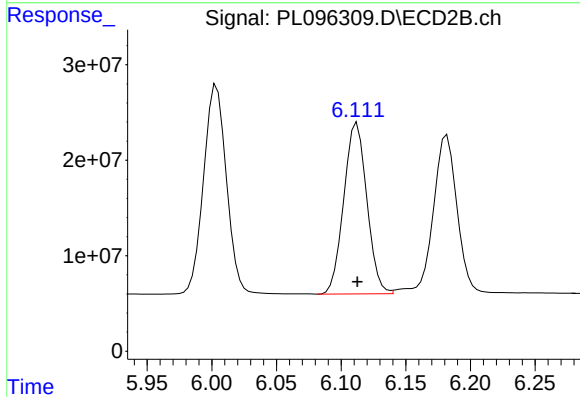
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 159613179
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

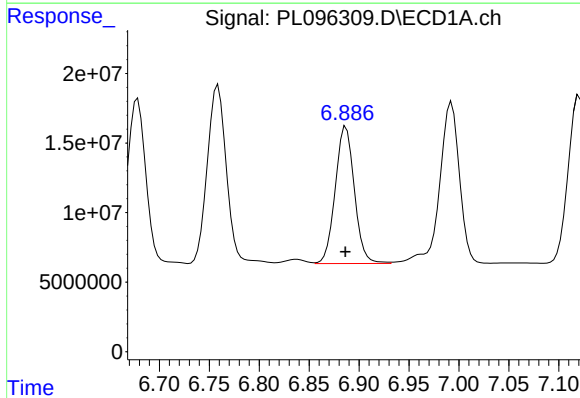
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



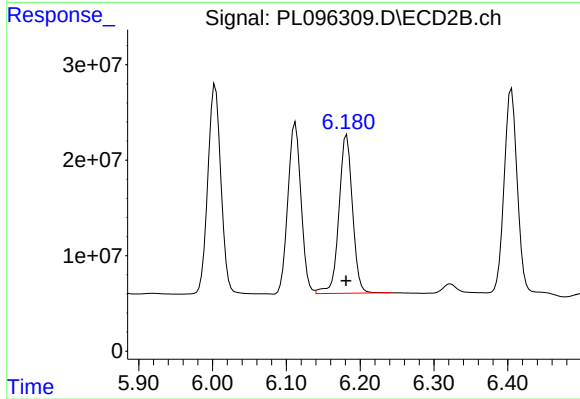
#17 4,4'-DDT

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 221758037
Conc: 38.67 ng/ml



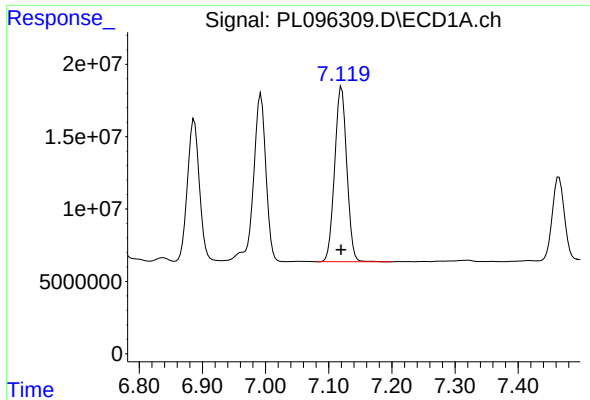
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 131426300
Conc: 58.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 211998817
Conc: 47.59 ng/ml



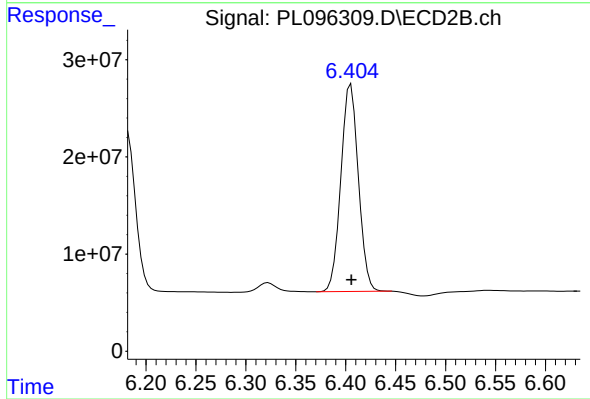
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 161904087
Conc: 52.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

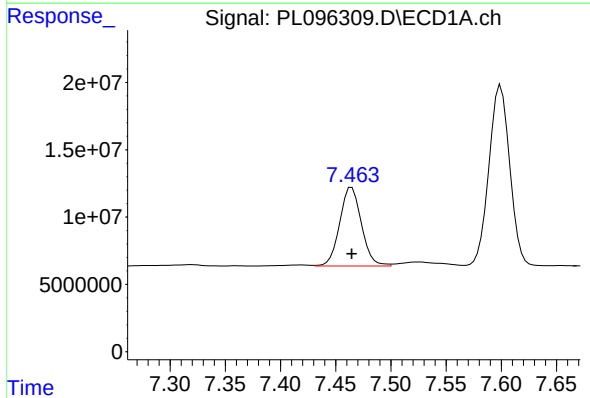
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



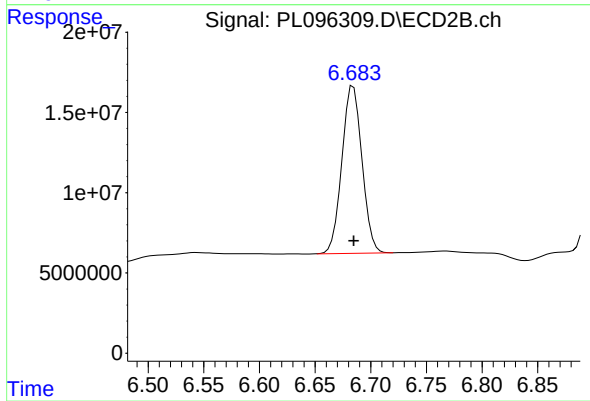
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 260419907
Conc: 46.30 ng/ml



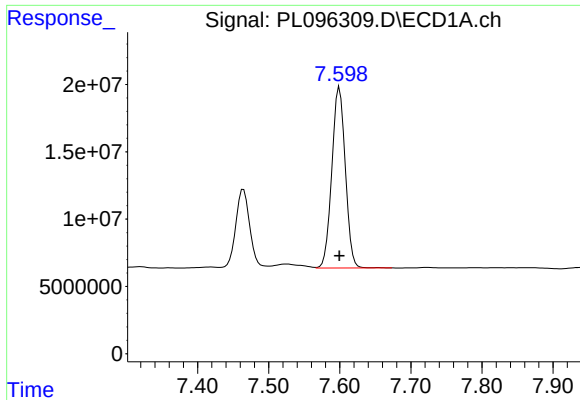
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 80033871
Conc: 50.80 ng/ml



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 131235010
Conc: 43.20 ng/ml



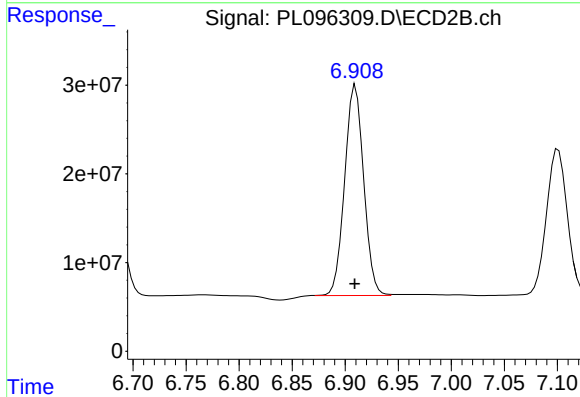
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 176683868
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

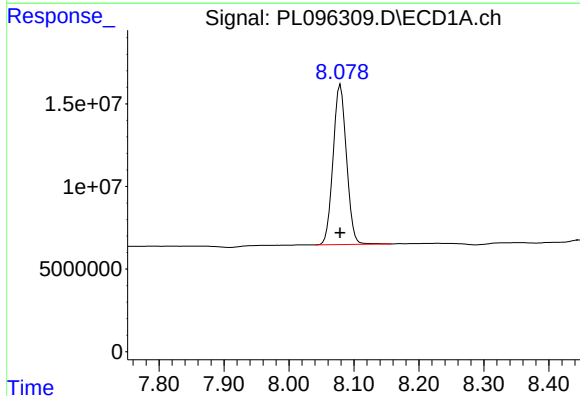
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



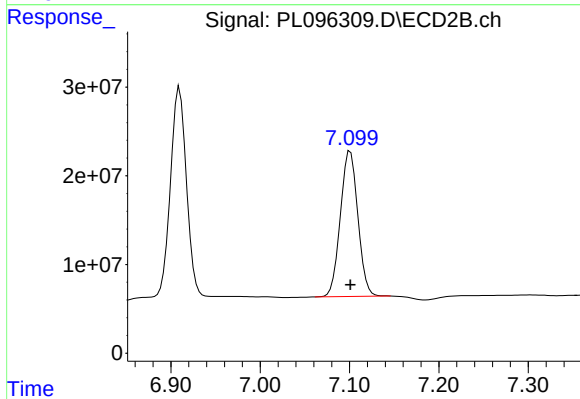
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 295840784
Conc: 47.32 ng/ml m



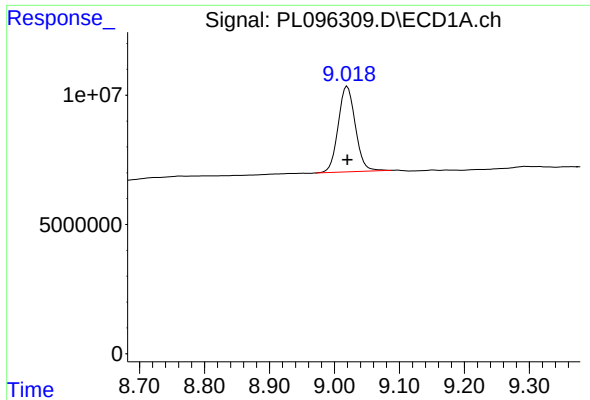
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 138806736
Conc: 49.89 ng/ml



#22 Mirex

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 223517616
Conc: 44.99 ng/ml



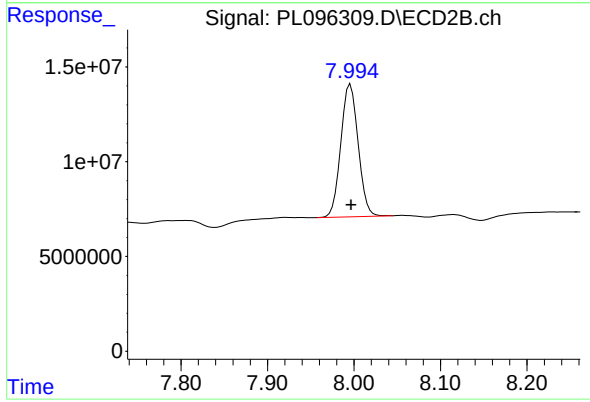
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 60674352
Conc: 21.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
G4(0-6)MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/11/2025
Supervised By :mohammad ahmed 07/15/2025



#28 Decachlorobiphenyl

R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 96864149
Conc: 19.43 ng/ml