

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080125\
 Data File : PL096682.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 09:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/04/2025
 Supervised By : mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:13:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.534	2.827	167.7E6	250.9E6	52.713	52.512
28)	SA Decachlor...	9.013	7.990	132.5E6	235.4E6	55.543	54.264
Target Compounds							
2)	A alpha-BHC	3.981	3.332	245.9E6	374.8E6	53.154	52.967
3)	MA gamma-BHC...	4.310	3.664	231.8E6	346.6E6	52.398	52.493
4)	MA Heptachlor	4.901	4.013	218.7E6	336.4E6	52.625	50.490
5)	MB Aldrin	5.241	4.296	222.4E6	325.3E6	51.713	52.400
6)	B beta-BHC	4.496	3.960	97253137	146.9E6	53.881	52.059
7)	B delta-BHC	4.741	4.193	216.1E6	339.5E6	54.166m	52.439
8)	B Heptachlo...	5.661	4.797	206.6E6	298.8E6	53.577	52.315
9)	A Endosulfan I	6.042	5.168	189.5E6	279.9E6	52.688	50.598
10)	B gamma-Chl...	5.914	5.049	206.2E6	309.1E6	54.190	52.563
11)	B alpha-Chl...	5.995	5.113	204.3E6	301.3E6	52.993	51.071
12)	B 4,4'-DDE	6.165	5.302	171.8E6	286.7E6	53.491	51.995
13)	MA Dieldrin	6.314	5.433	200.3E6	307.1E6	53.973	51.999
14)	MA Endrin	6.541	5.707	140.5E6	243.3E6	46.430	44.998
15)	B Endosulfa...	6.753	5.999	170.7E6	269.4E6	53.305	52.443
16)	A 4,4'-DDD	6.674	5.854	143.4E6	253.4E6	56.710	53.864
17)	MA 4,4'-DDT	6.987	6.107	138.4E6	231.1E6	48.255	45.694
18)	B Endrin al...	6.882	6.177	121.2E6	203.0E6	56.491	54.980
19)	B Endosulfa...	7.116	6.400	156.0E6	269.9E6	54.289	53.065
20)	A Methoxychlor	7.460	6.679	68426284	127.0E6	46.601	46.333
21)	B Endrin ke...	7.596	6.905	173.7E6	308.9E6	57.759	55.456
22)	Mirex	8.074	7.095	136.7E6	226.5E6	55.148	51.934

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080125\
Data File : PL096682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 09:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

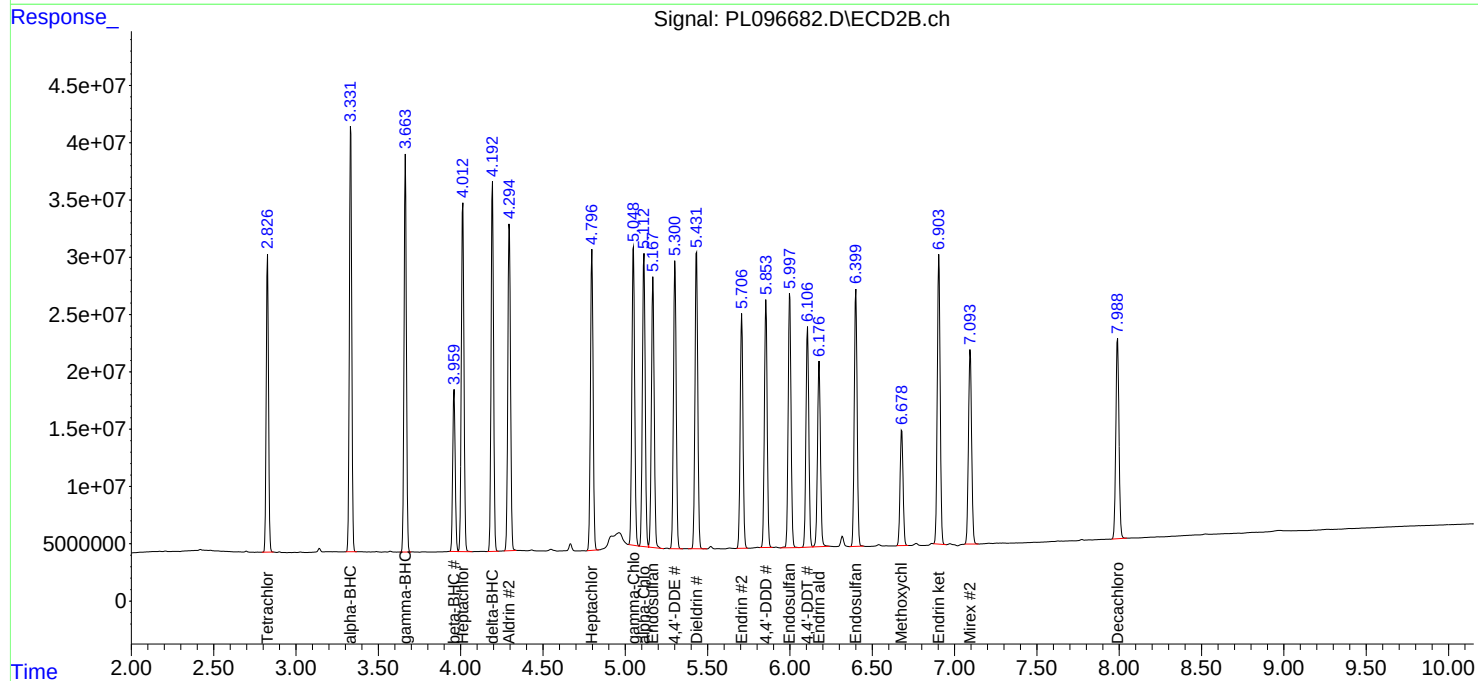
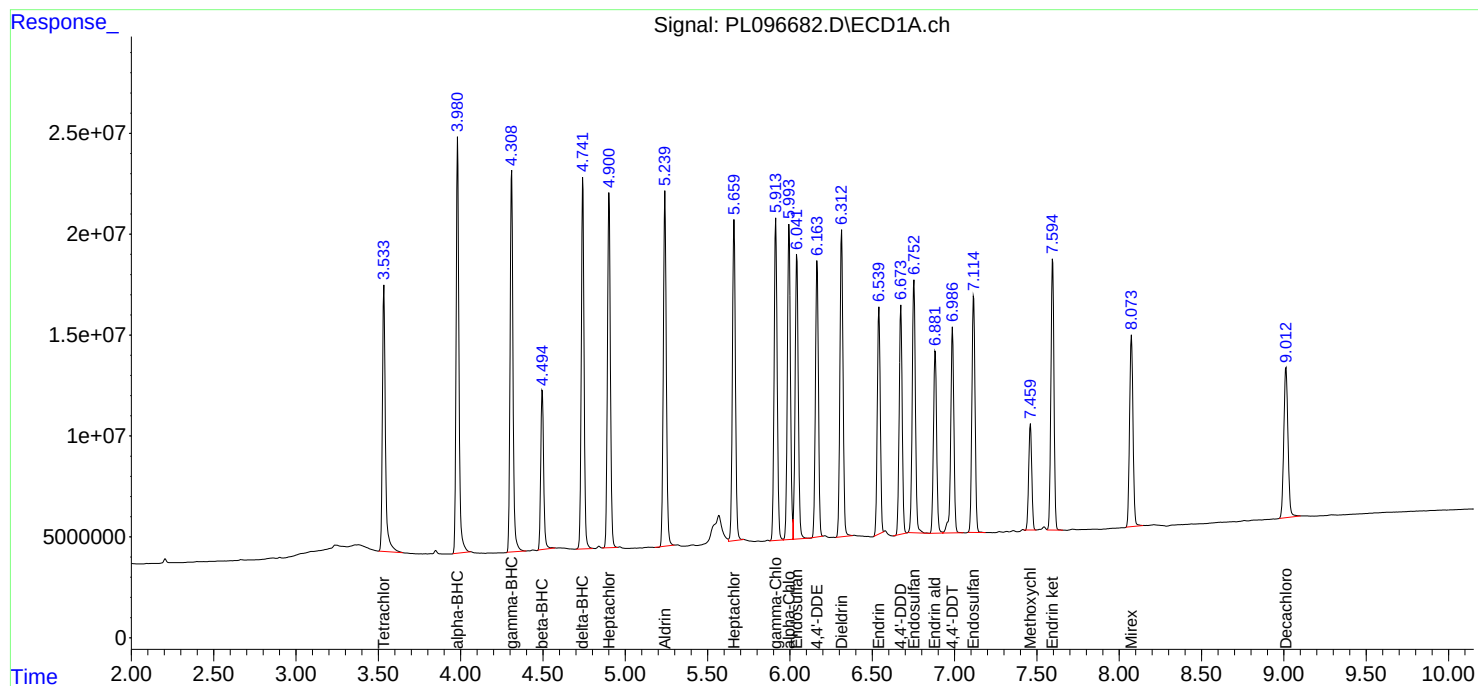
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

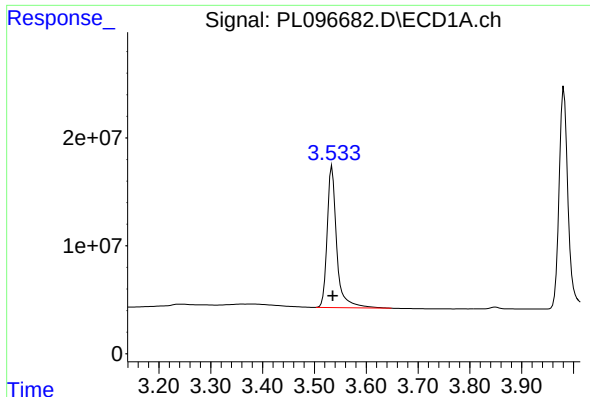
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:13:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





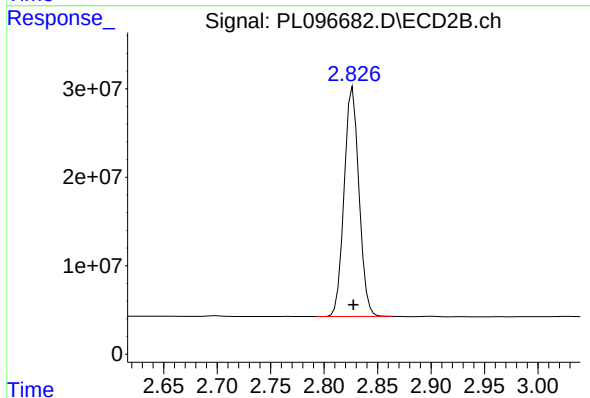
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 167669423
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

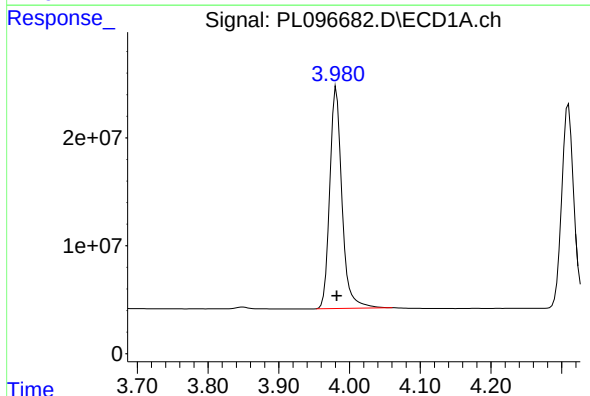
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



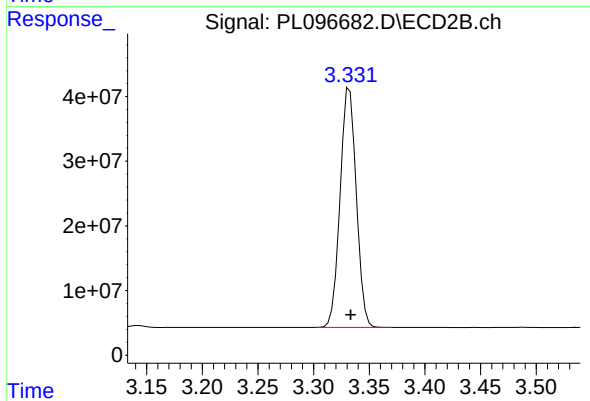
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: 0.000 min
Response: 250891549
Conc: 52.51 ng/ml



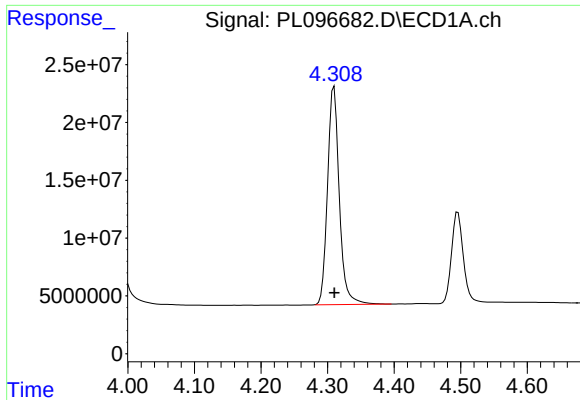
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 245910632
Conc: 53.15 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 374846083
Conc: 52.97 ng/ml



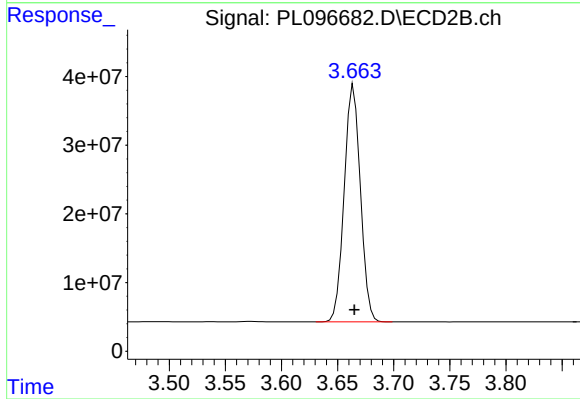
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 231779974
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

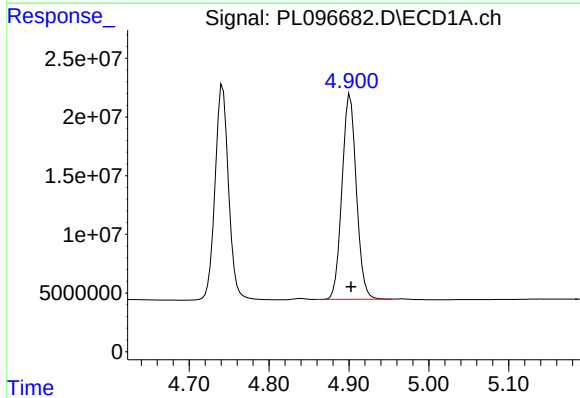
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



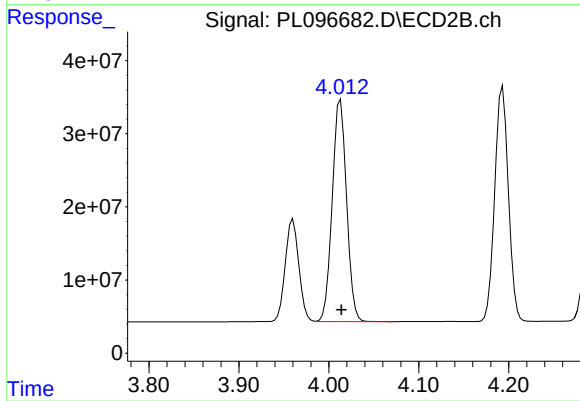
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 346631414
Conc: 52.49 ng/ml



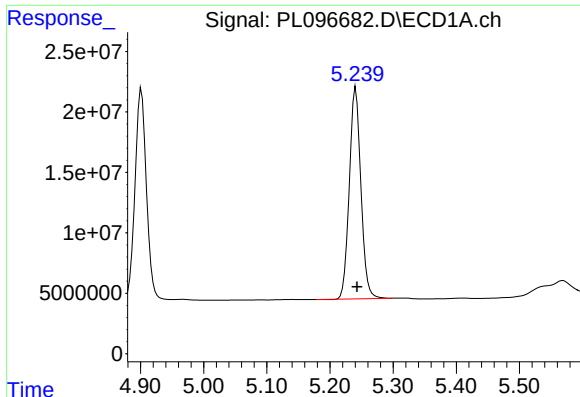
#4 Heptachlor

R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 218691140
Conc: 52.62 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 336362682
Conc: 50.49 ng/ml



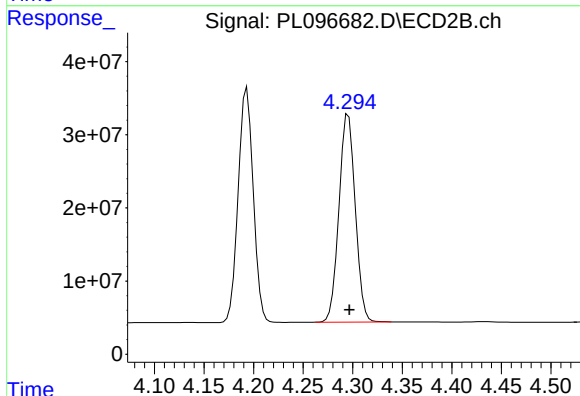
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 222417896
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

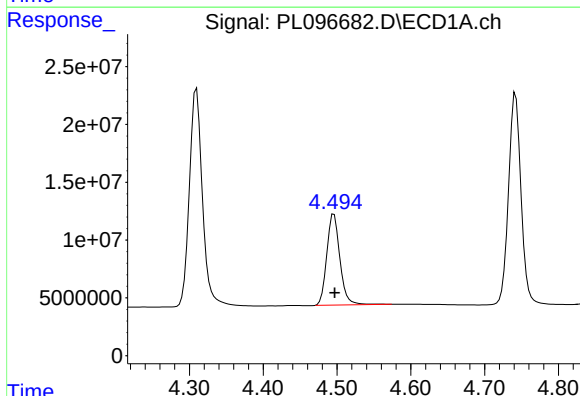
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



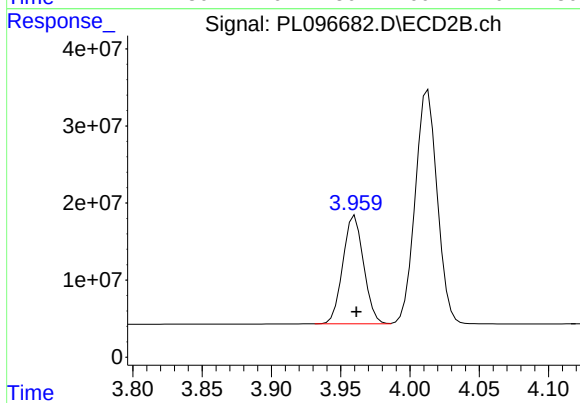
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.001 min
Response: 325252756
Conc: 52.40 ng/ml



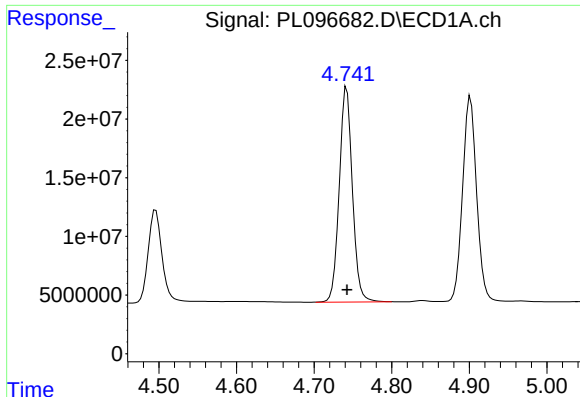
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 97253137
Conc: 53.88 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 146852487
Conc: 52.06 ng/ml



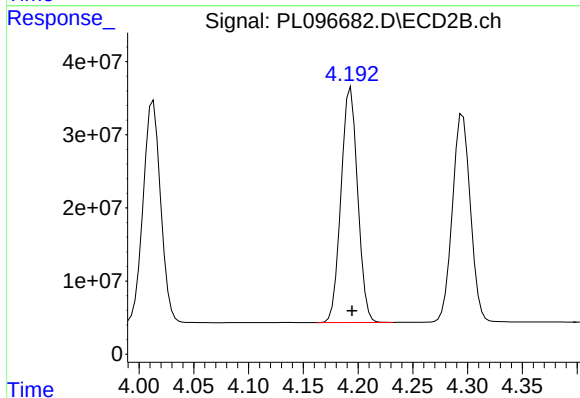
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 216114823
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

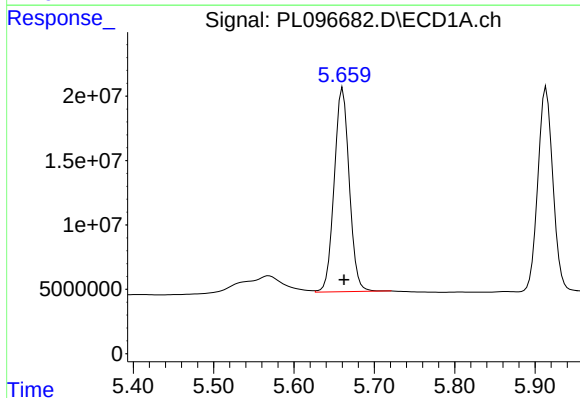
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



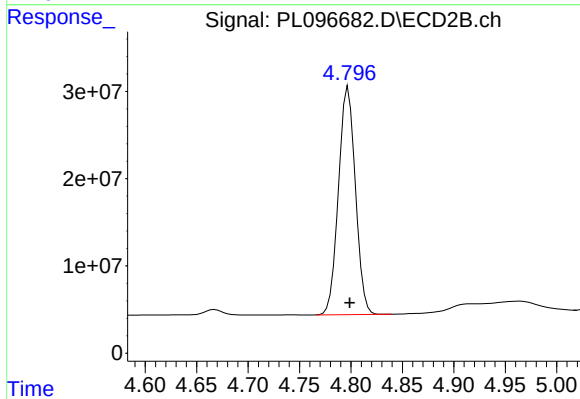
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 339471056
Conc: 52.44 ng/ml



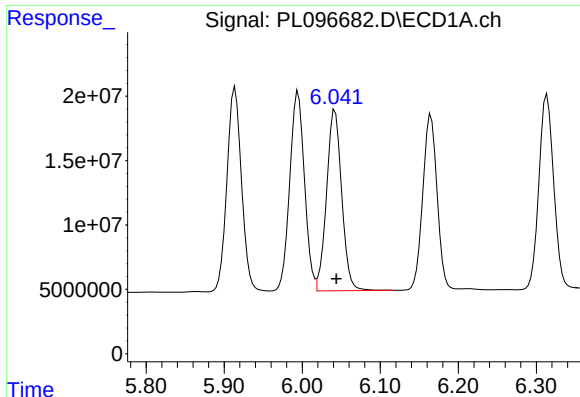
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: -0.002 min
Response: 206621708
Conc: 53.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.001 min
Response: 298788680
Conc: 52.31 ng/ml



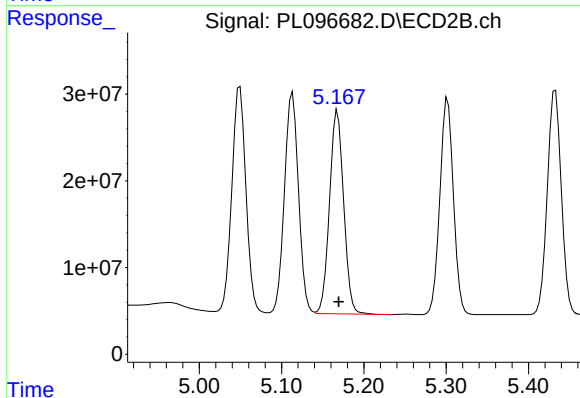
#9 Endosulfan I

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 189484739
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

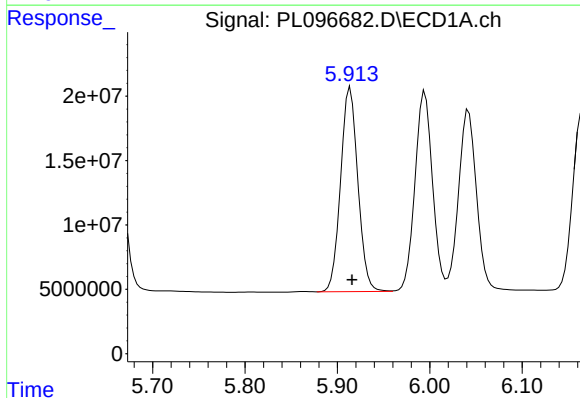
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



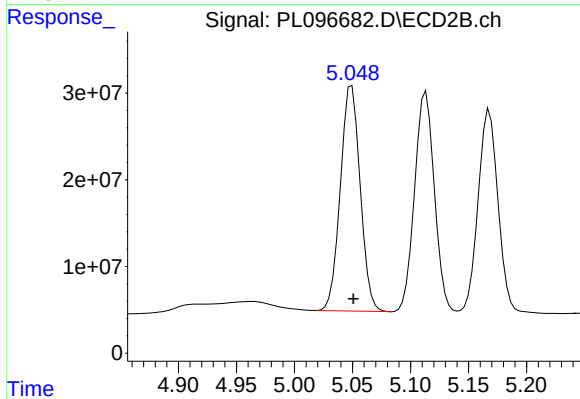
#9 Endosulfan I

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 279875900
Conc: 50.60 ng/ml



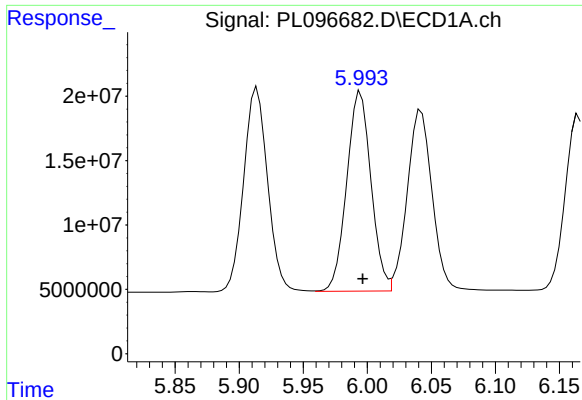
#10 gamma-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.002 min
Response: 206204364
Conc: 54.19 ng/ml



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.001 min
Response: 309075398
Conc: 52.56 ng/ml



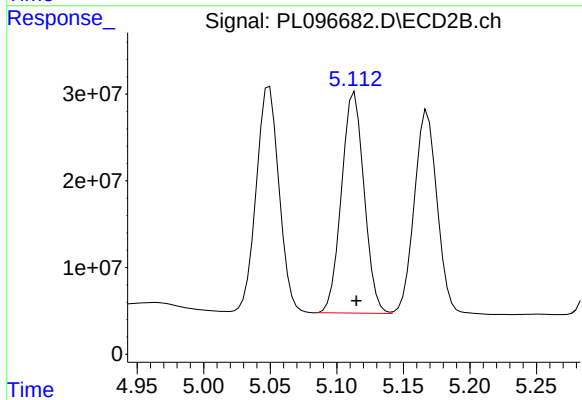
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 204268858
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

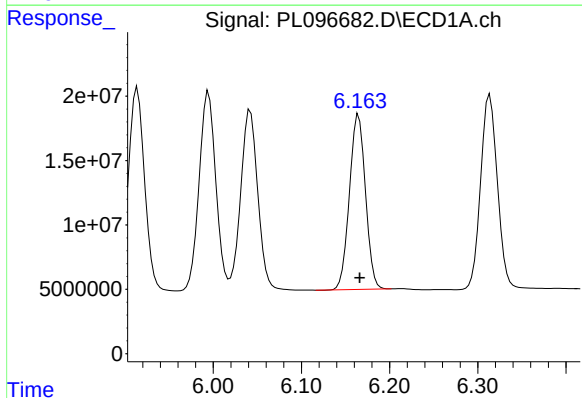
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



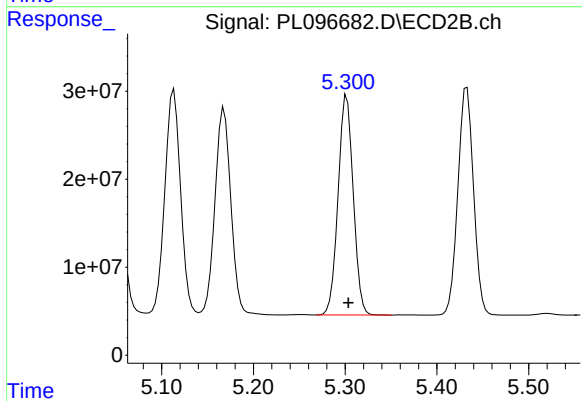
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 301265611
Conc: 51.07 ng/ml



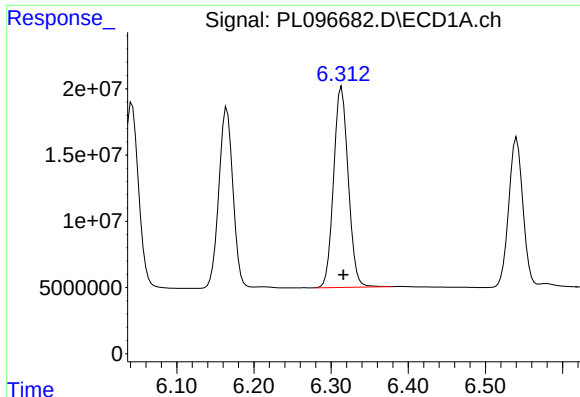
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 171771387
Conc: 53.49 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.002 min
Response: 286722920
Conc: 52.00 ng/ml



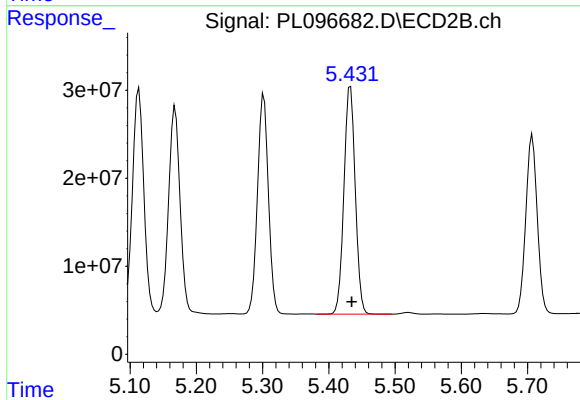
#13 Dieldrin

R.T.: 6.314 min
Delta R.T.: -0.002 min
Response: 200300741
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

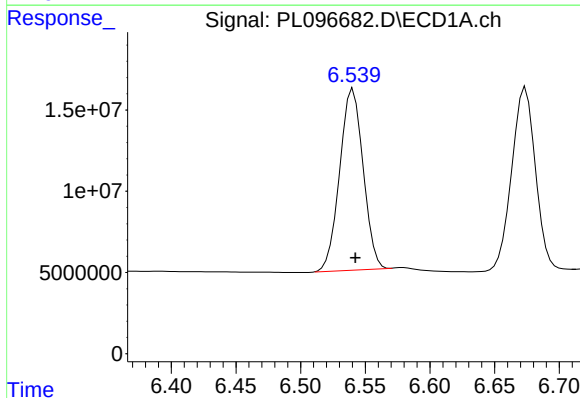
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



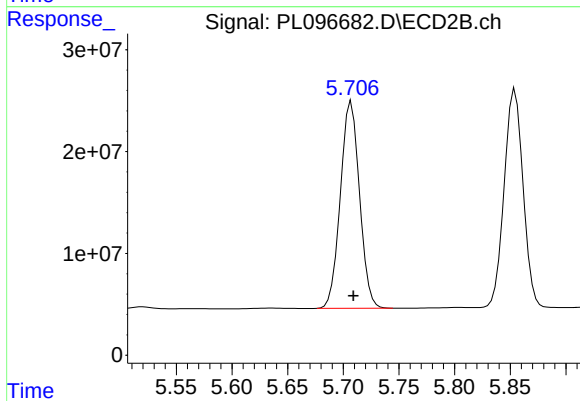
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 307134708
Conc: 52.00 ng/ml



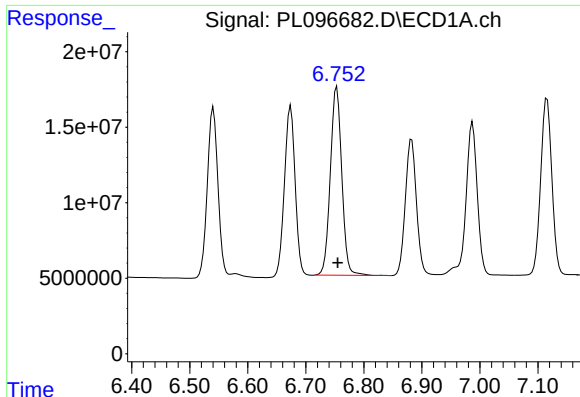
#14 Endrin

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 140534841
Conc: 46.43 ng/ml



#14 Endrin

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 243259090
Conc: 45.00 ng/ml



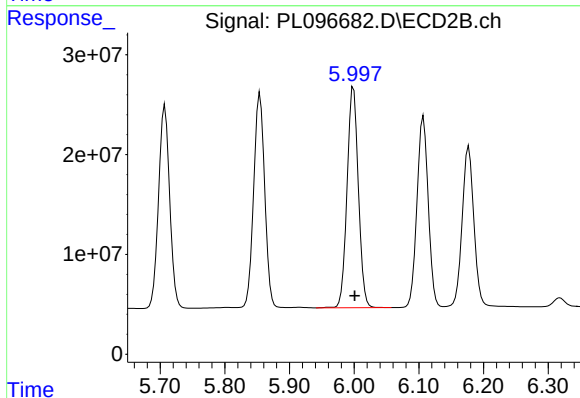
#15 Endosulfan II

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 170715966
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

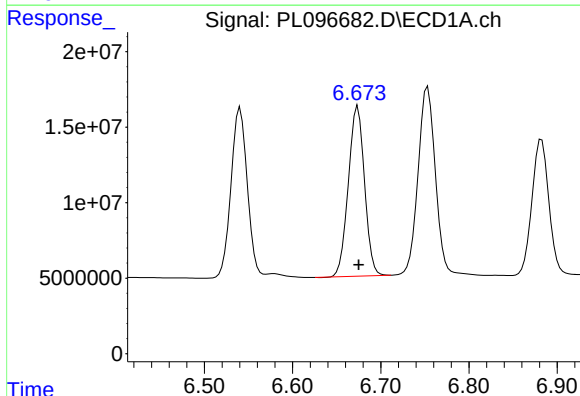
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



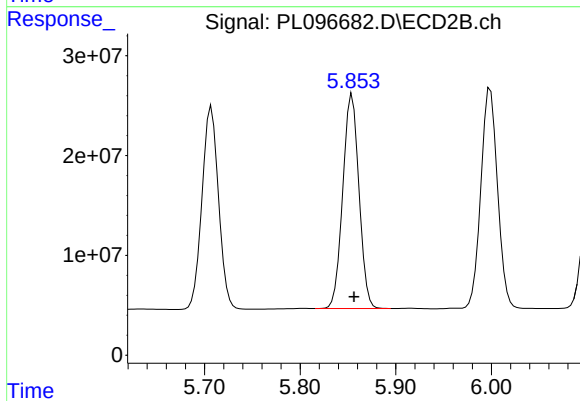
#15 Endosulfan II

R.T.: 5.999 min
Delta R.T.: -0.002 min
Response: 269358226
Conc: 52.44 ng/ml



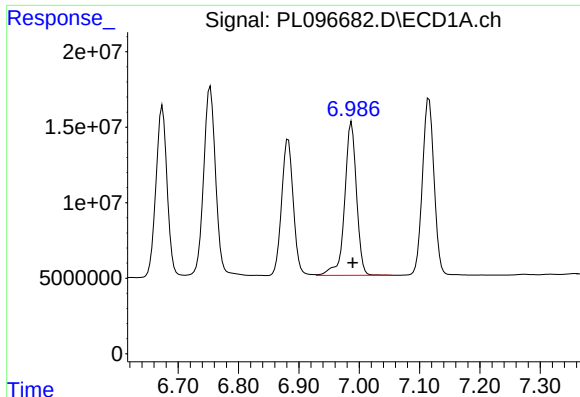
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 143383904
Conc: 56.71 ng/ml



#16 4,4'-DDD

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 253447167
Conc: 53.86 ng/ml



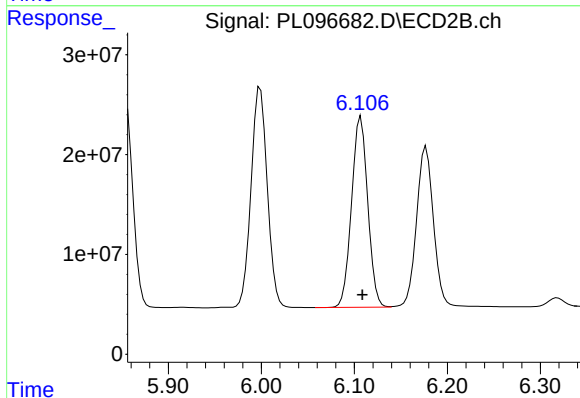
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 138379307
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

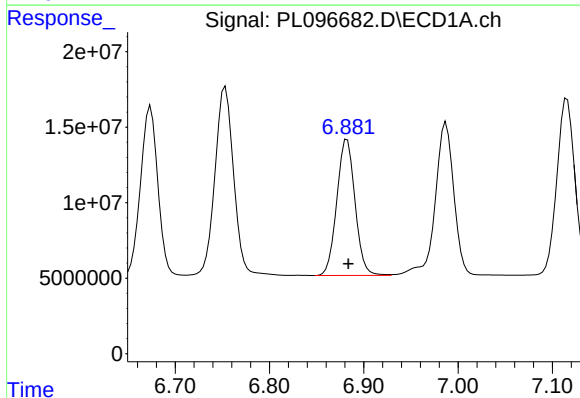
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



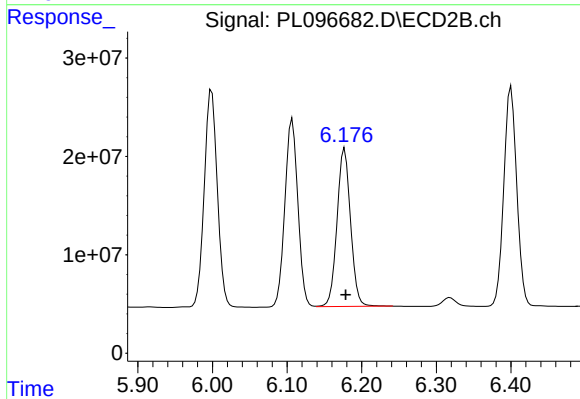
#17 4,4'-DDT

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 231136025
Conc: 45.69 ng/ml



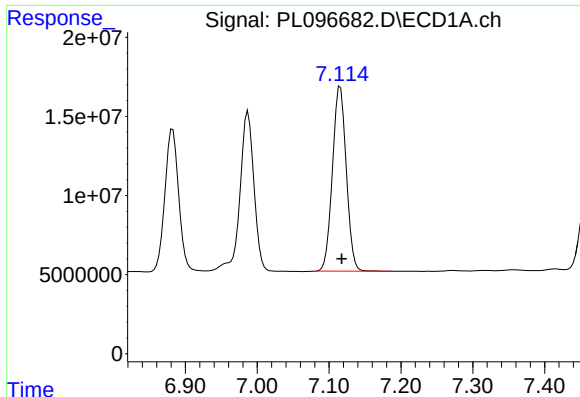
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: -0.001 min
Response: 121224302
Conc: 56.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 202954317
Conc: 54.98 ng/ml



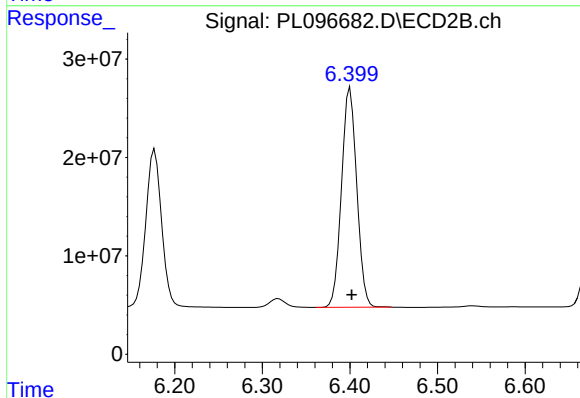
#19 Endosulfan Sulfate

R.T.: 7.116 min
Delta R.T.: -0.002 min
Response: 156009435
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

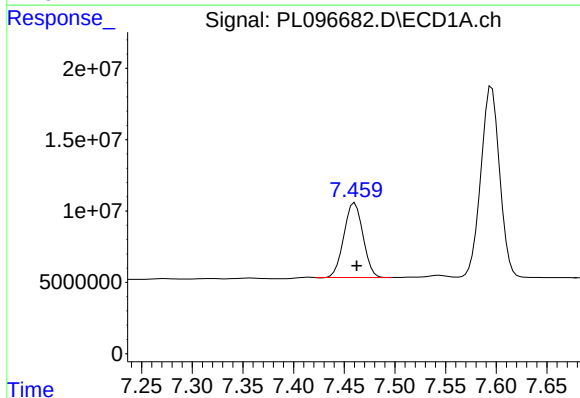
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



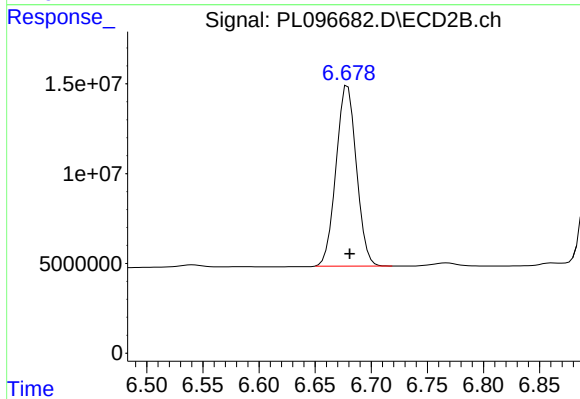
#19 Endosulfan Sulfate

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 269897897
Conc: 53.06 ng/ml



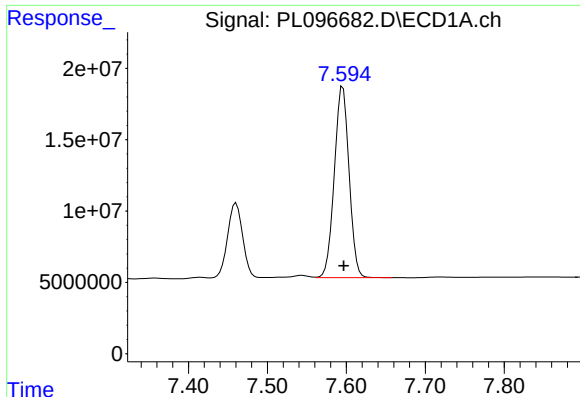
#20 Methoxychlor

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 68426284
Conc: 46.60 ng/ml



#20 Methoxychlor

R.T.: 6.679 min
Delta R.T.: -0.002 min
Response: 126975284
Conc: 46.33 ng/ml



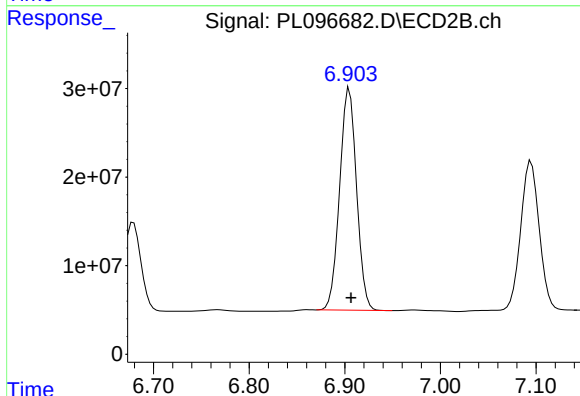
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.001 min
Response: 173666590
Conc: 57.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

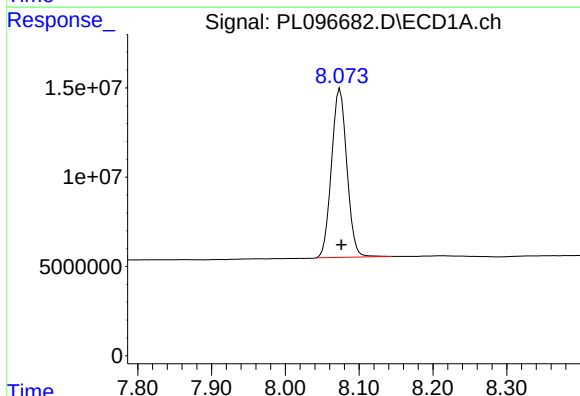
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



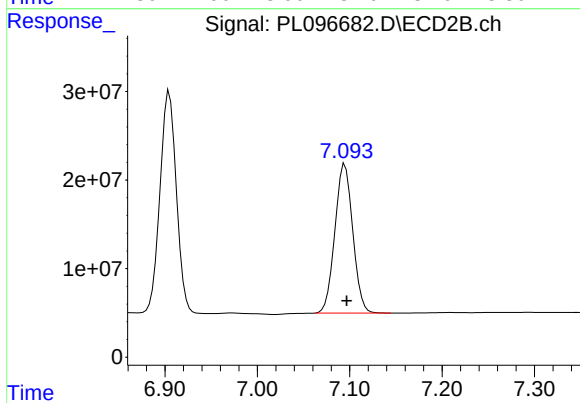
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.002 min
Response: 308874159
Conc: 55.46 ng/ml



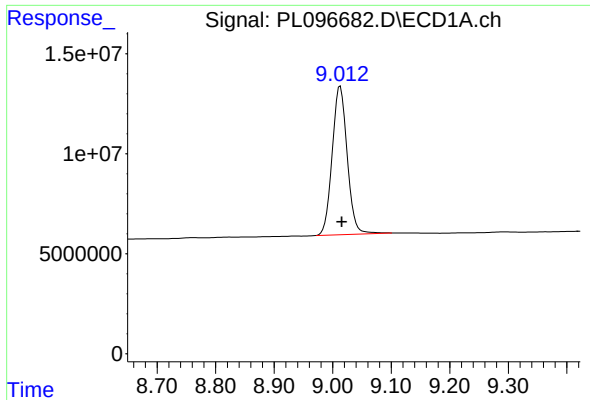
#22 Mirex

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 136731746
Conc: 55.15 ng/ml



#22 Mirex

R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 226477628
Conc: 51.93 ng/ml



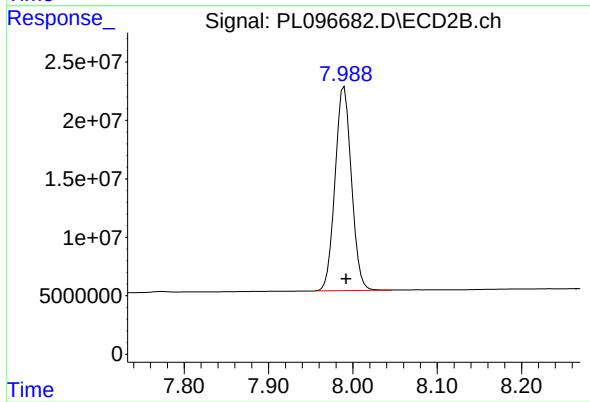
#28 Decachlorobiphenyl

R.T.: 9.013 min
Delta R.T.: -0.003 min
Response: 132452131
Conc: 55.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/04/2025
Supervised By :mohammad ahmed 08/05/2025



#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.002 min
Response: 235415294
Conc: 54.26 ng/ml