

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 14:42
 Operator : AR\AJ
 Sample : PB169003BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169003BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:51:07 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	2.825	57836415	92506351	18.183	19.362
28)	SA Decachlor...	9.021	7.994	44999498	91406960	18.870	21.070
Target Compounds							
2)	A alpha-BHC	3.982	3.331	227.9E6	370.3E6	49.269	52.328
3)	MA gamma-BHC...	4.311	3.663	216.1E6	345.5E6	48.855	52.329
4)	MA Heptachlor	4.904	4.012	207.6E6	343.9E6	49.946	51.628
5)	MB Aldrin	5.242	4.295	205.9E6	320.5E6	47.862m	51.627
6)	B beta-BHC	4.497	3.960	87829899	144.0E6	48.660	51.059
7)	B delta-BHC	4.742	4.193	196.3E6	338.7E6	49.209m	52.316
8)	B Heptachlo...	5.664	4.798	186.2E6	295.7E6	48.274	51.775
9)	A Endosulfan I	6.046	5.169	173.0E6	275.2E6	48.102	49.750
10)	B gamma-Chl...	5.918	5.050	185.0E6	310.4E6	48.610	52.795
11)	B alpha-Chl...	5.998	5.114	184.5E6	300.1E6	47.857	50.876
12)	B 4,4'-DDE	6.169	5.303	150.4E6	288.1E6	46.842	52.244
13)	MA Dieldrin	6.318	5.434	178.8E6	307.3E6	48.190	52.021
14)	MA Endrin	6.545	5.709	145.4E6	276.6E6	48.022	51.167
15)	B Endosulfa...	6.758	6.001	146.8E6	271.8E6	45.843	52.913
16)	A 4,4'-DDD	6.678	5.857	128.5E6	246.7E6	50.805	52.432
17)	MA 4,4'-DDT	6.993	6.108	139.9E6	261.6E6	48.785	51.710m
18)	B Endrin al...	6.887	6.179	113.0E6	209.7E6	52.659	56.929
19)	B Endosulfa...	7.121	6.403	141.5E6	271.8E6	49.235	53.445
20)	A Methoxychlor	7.465	6.682	72483826	141.3E6	49.364	51.558
21)	B Endrin ke...	7.601	6.906	151.4E6	316.0E6	50.366	56.736m
22)	Mirex	8.080	7.098	121.4E6	226.3E6	48.954	51.892

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
Data File : PL096620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 14:42
Operator : AR\AJ
Sample : PB169003BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

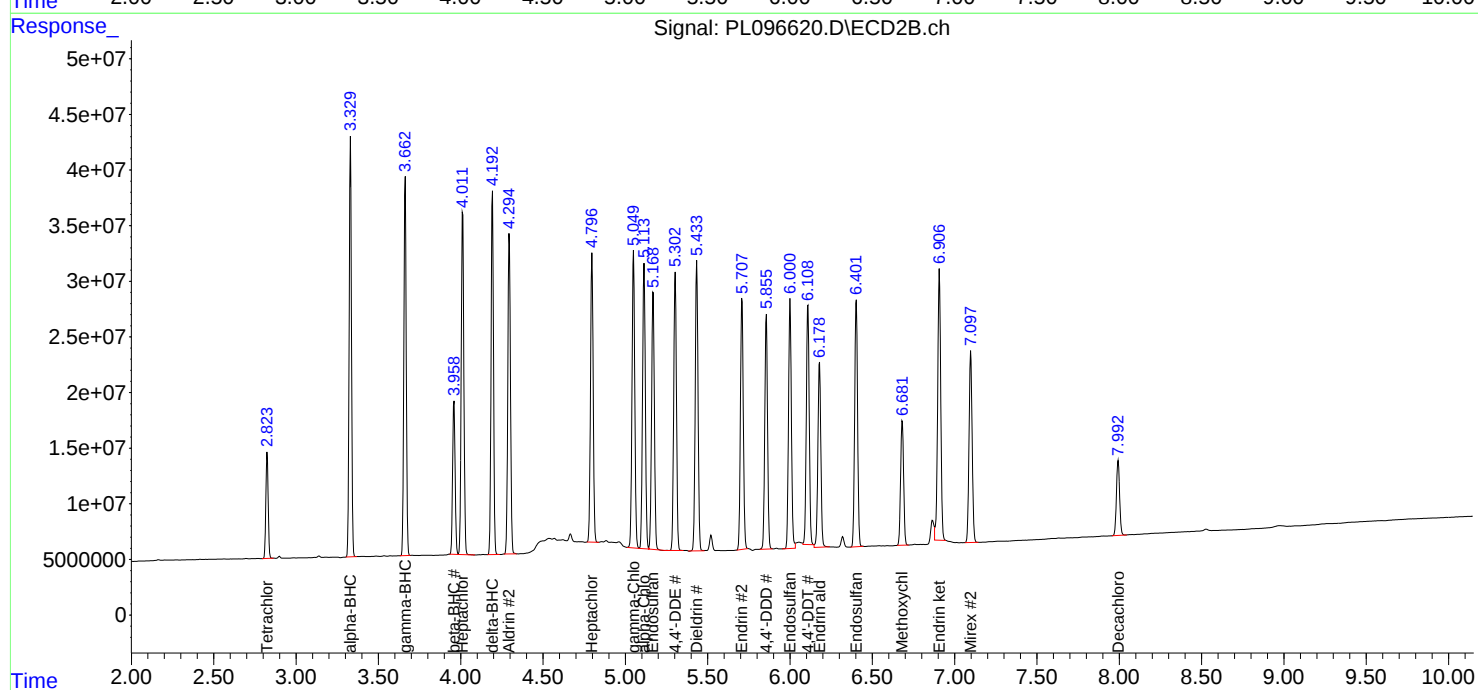
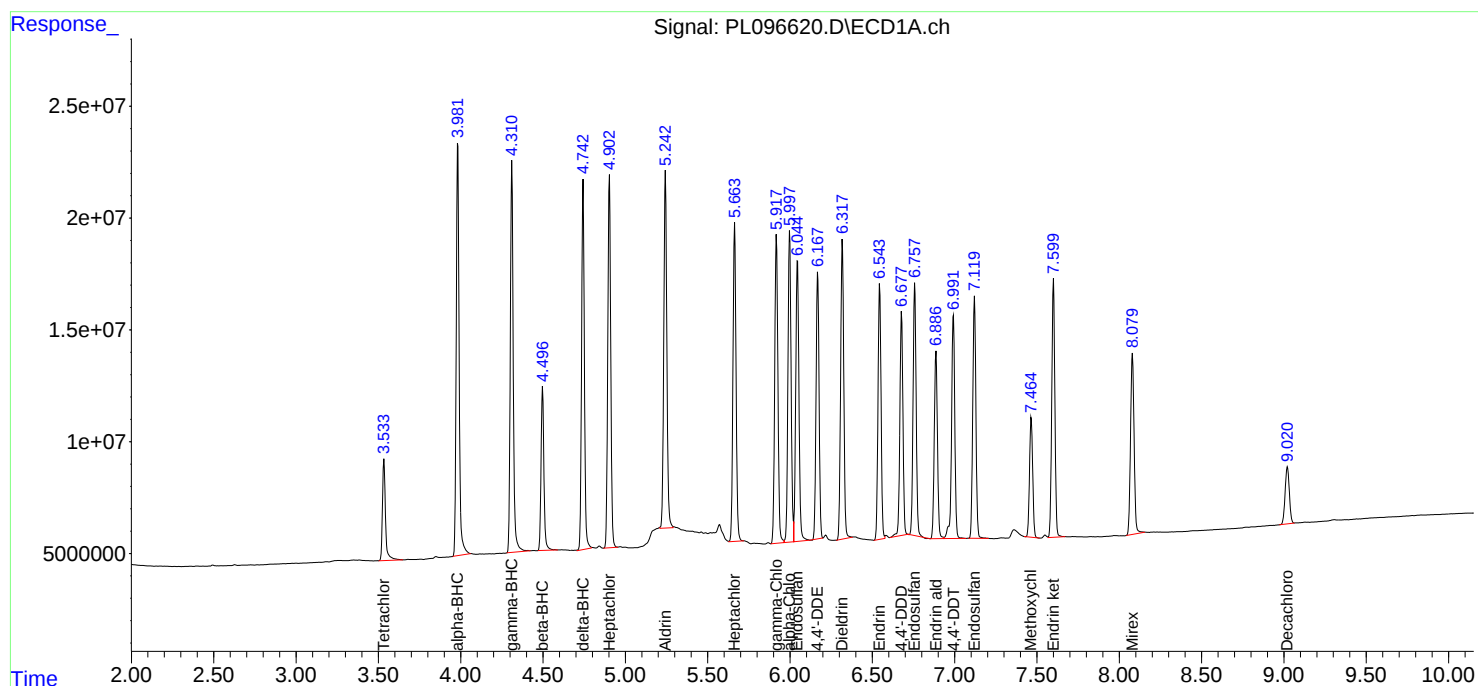
Instrument :
ECD_L
ClientSampleId :
PB169003BS

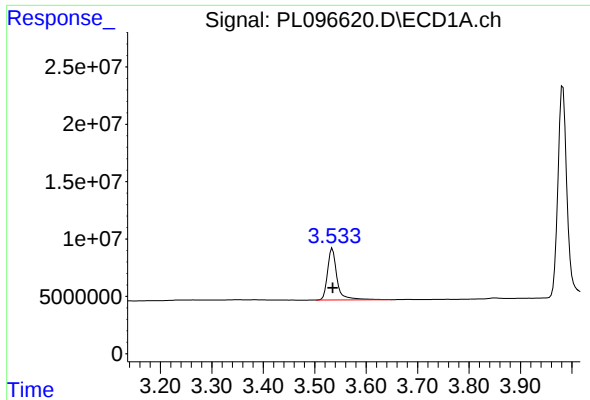
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:51:07 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





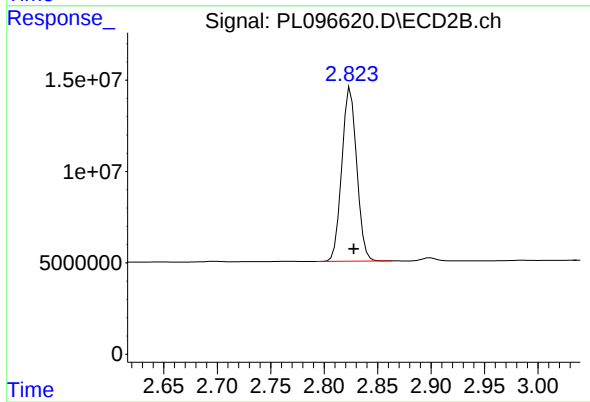
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 57836415
Conc: 18.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

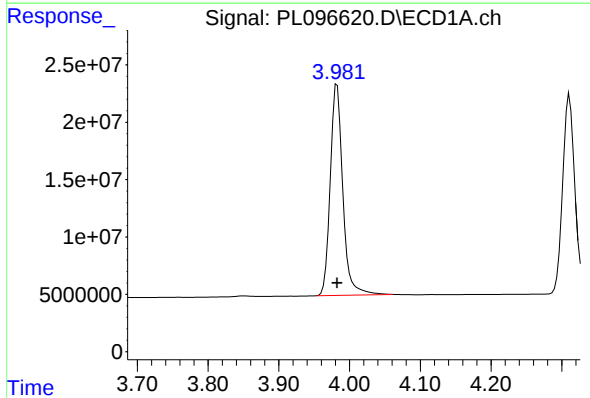
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



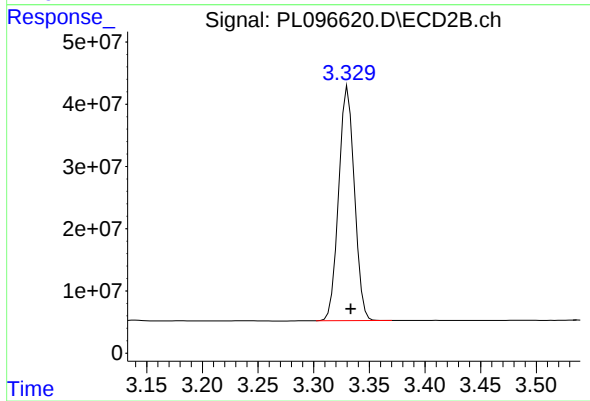
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 92506351
Conc: 19.36 ng/ml



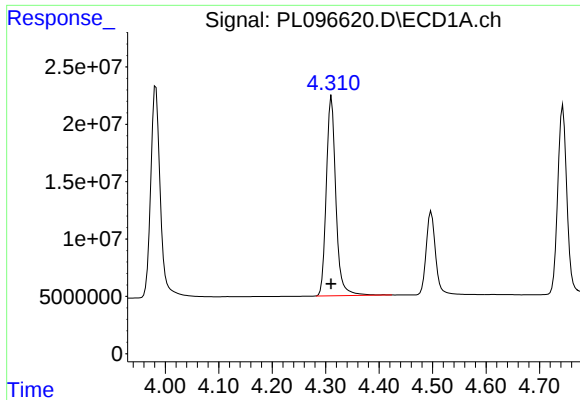
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 227937504
Conc: 49.27 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.003 min
Response: 370328847
Conc: 52.33 ng/ml



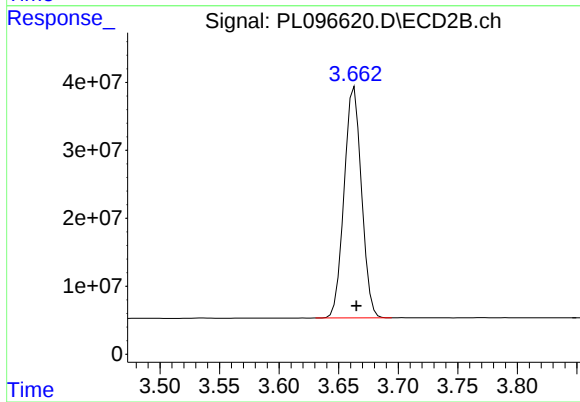
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 216106324
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

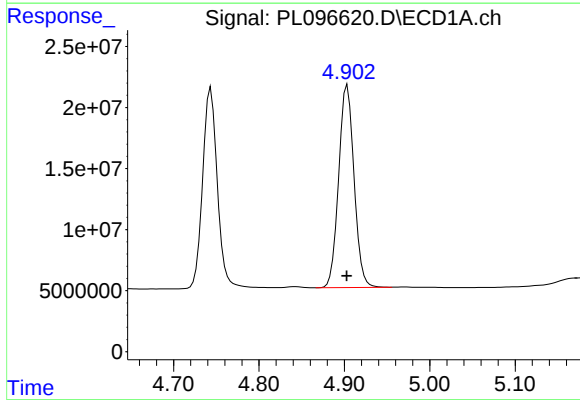
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



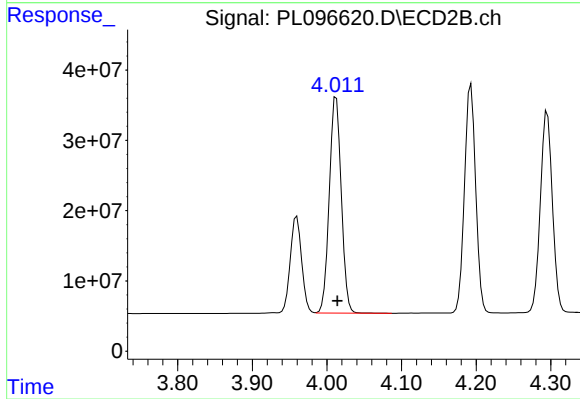
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 345545657
Conc: 52.33 ng/ml



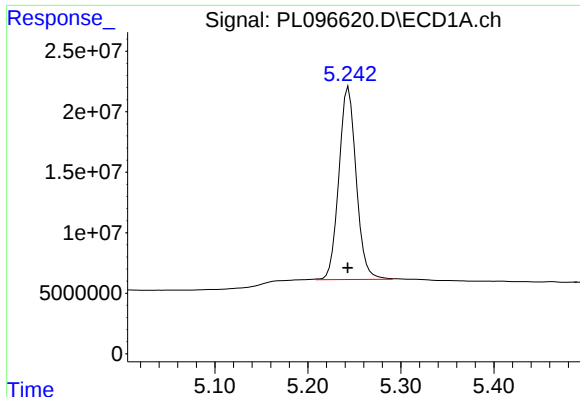
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 207559195
Conc: 49.95 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 343940913
Conc: 51.63 ng/ml



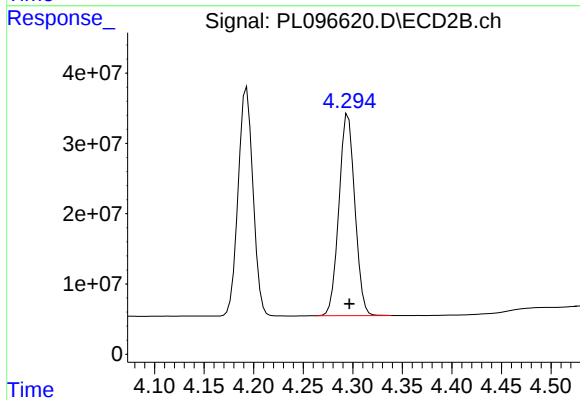
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 205856617
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

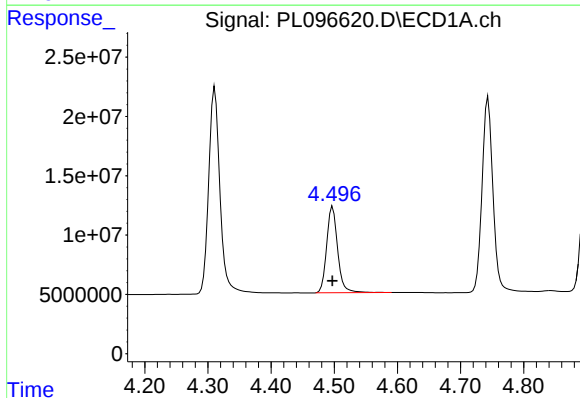
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



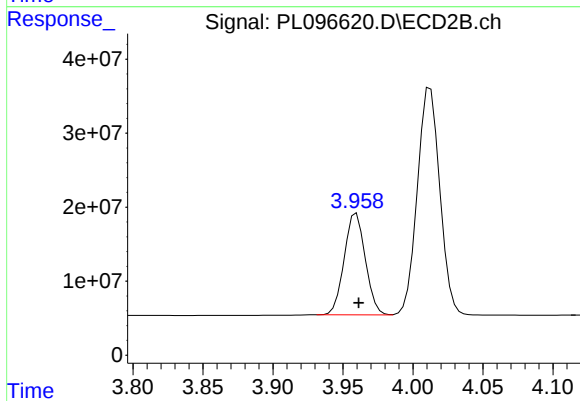
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 320451054
Conc: 51.63 ng/ml



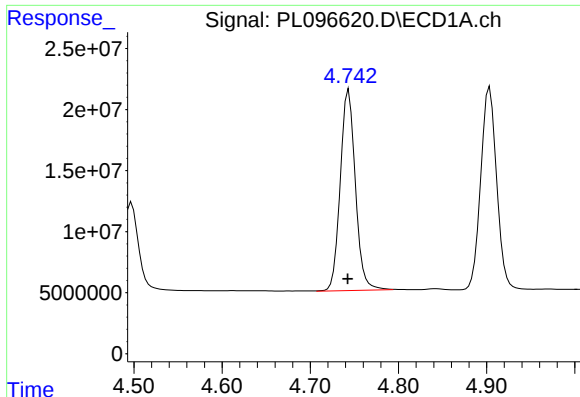
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 87829899
Conc: 48.66 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 144031665
Conc: 51.06 ng/ml



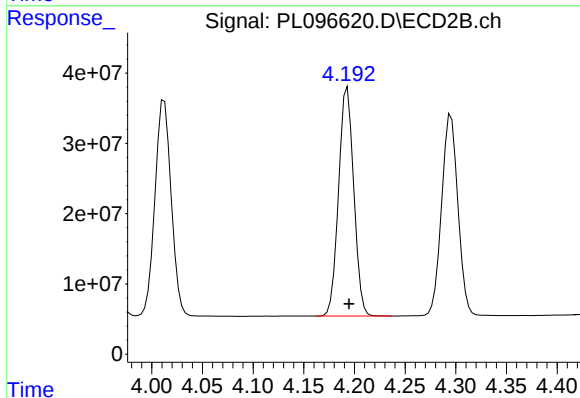
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 196336488
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

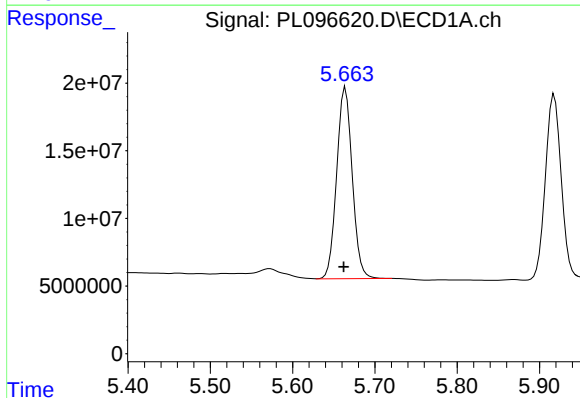
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



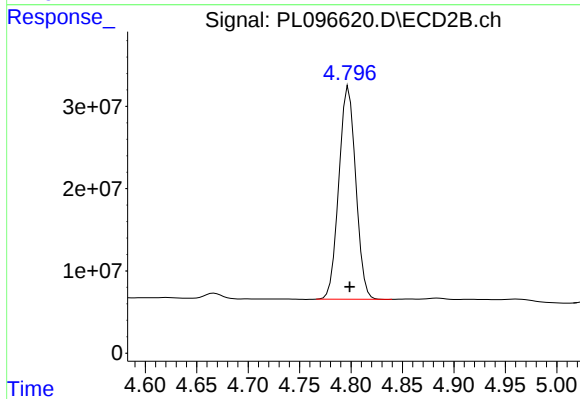
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 338674676
Conc: 52.32 ng/ml



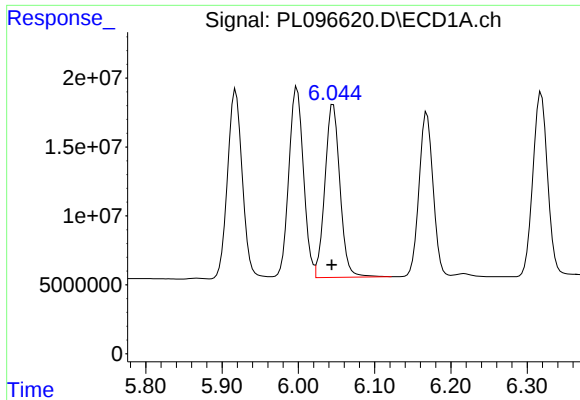
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: 0.002 min
Response: 186172528
Conc: 48.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: -0.001 min
Response: 295704338
Conc: 51.77 ng/ml



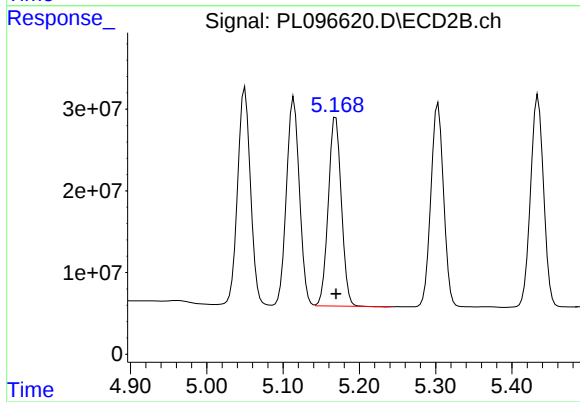
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: 0.002 min
Response: 172991710
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

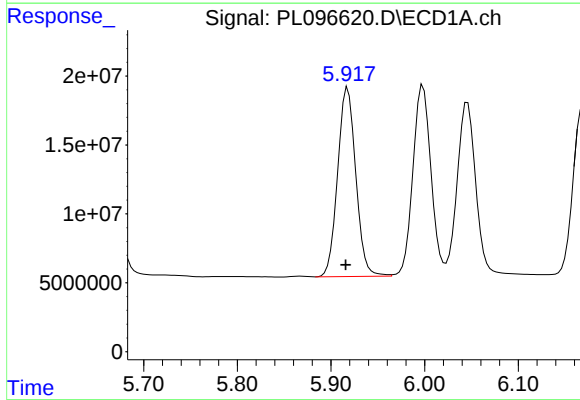
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



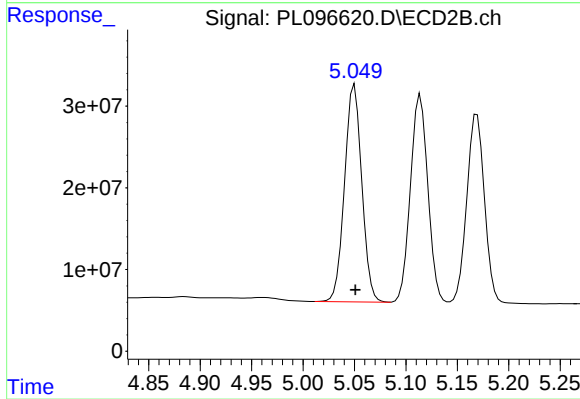
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 275185019
Conc: 49.75 ng/ml



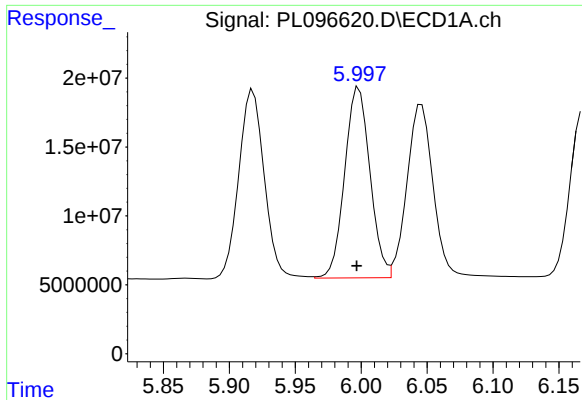
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.002 min
Response: 184972395
Conc: 48.61 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 310442923
Conc: 52.80 ng/ml



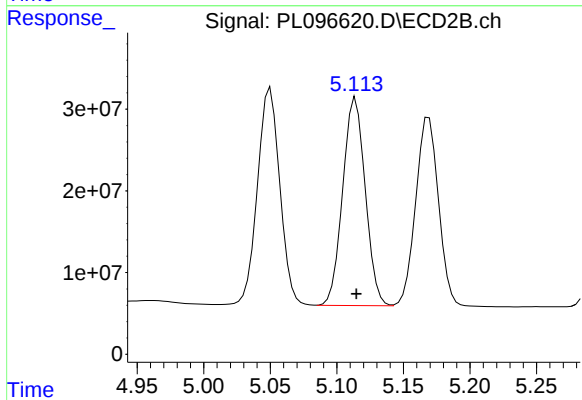
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: 0.002 min
Response: 184473727
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

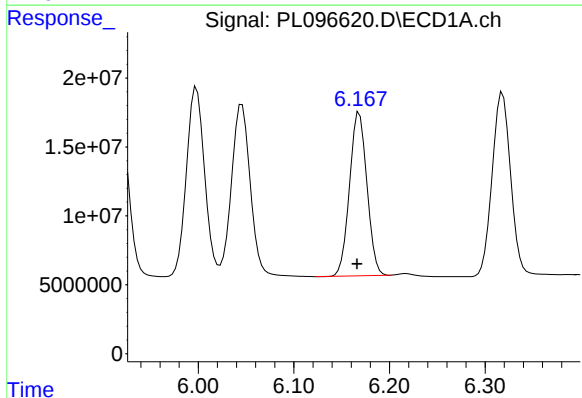
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



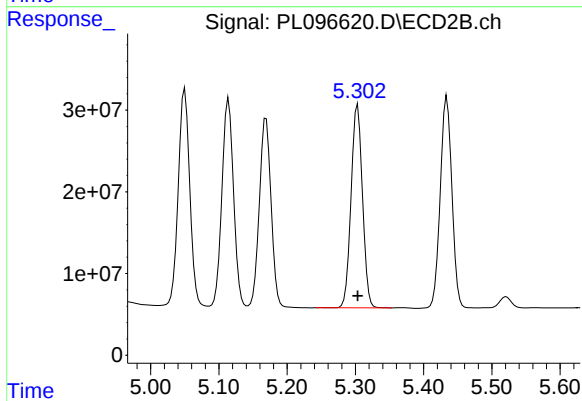
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 300112077
Conc: 50.88 ng/ml



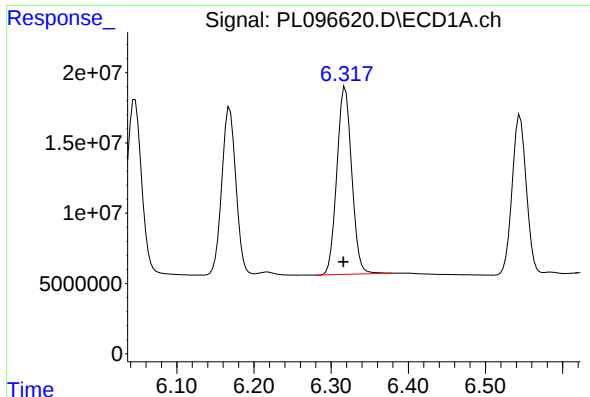
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: 0.002 min
Response: 150420594
Conc: 46.84 ng/ml



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 288092200
Conc: 52.24 ng/ml



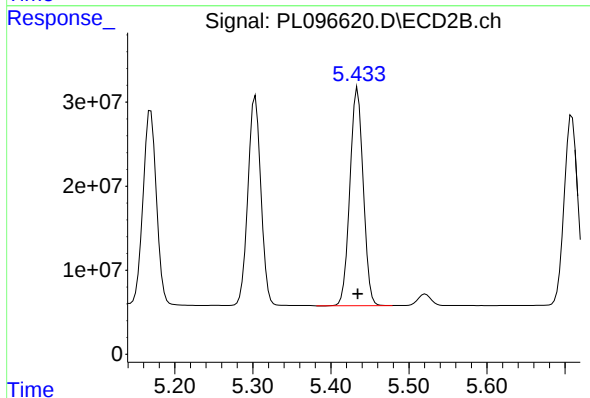
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: 0.002 min
Response: 178841018
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

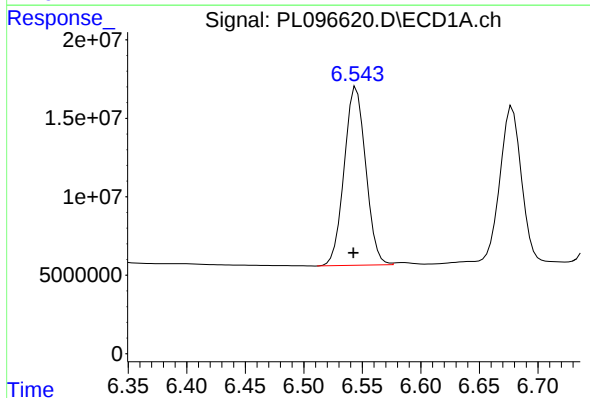
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



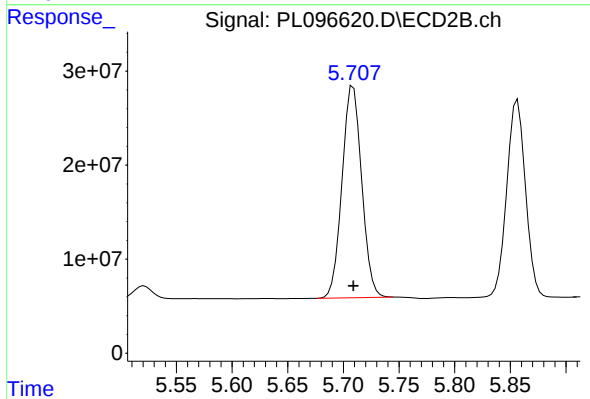
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 307262174
Conc: 52.02 ng/ml



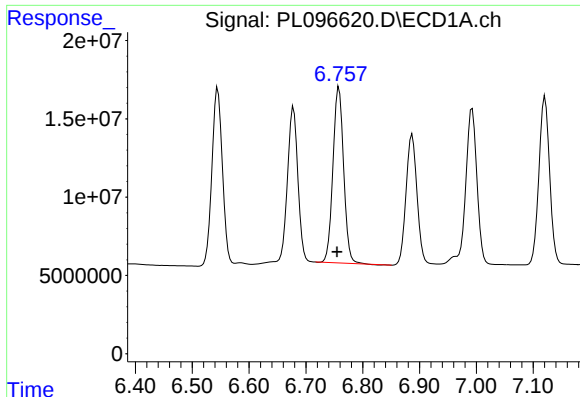
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.002 min
Response: 145351984
Conc: 48.02 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 276607379
Conc: 51.17 ng/ml



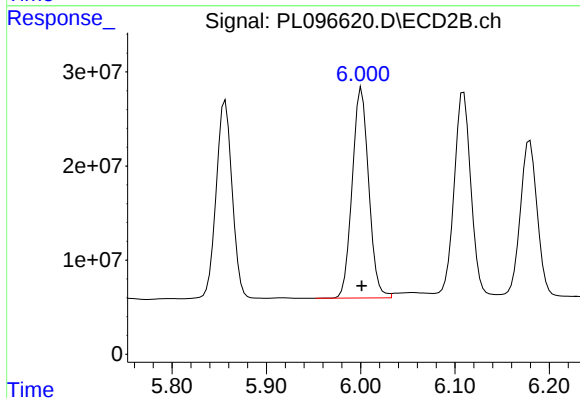
#15 Endosulfan II

R.T.: 6.758 min
Delta R.T.: 0.003 min
Response: 146820119
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

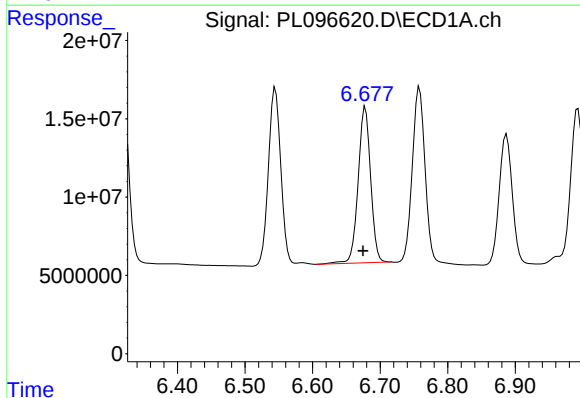
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



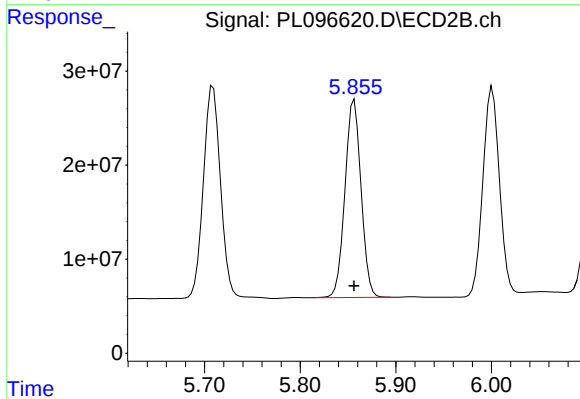
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 271772511
Conc: 52.91 ng/ml



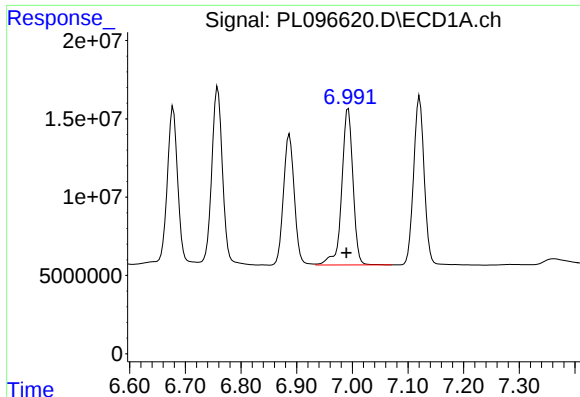
#16 4,4'-DDD

R.T.: 6.678 min
Delta R.T.: 0.003 min
Response: 128452567
Conc: 50.80 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 246709262
Conc: 52.43 ng/ml



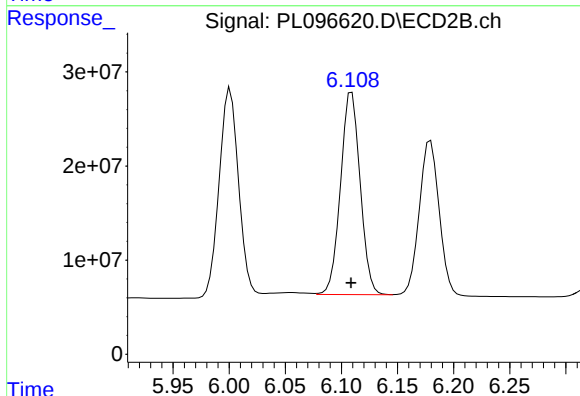
#17 4,4'-DDT

R.T.: 6.993 min
Delta R.T.: 0.004 min
Response: 139900456
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

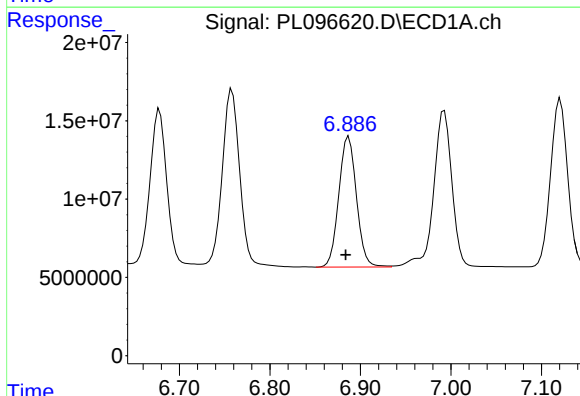
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



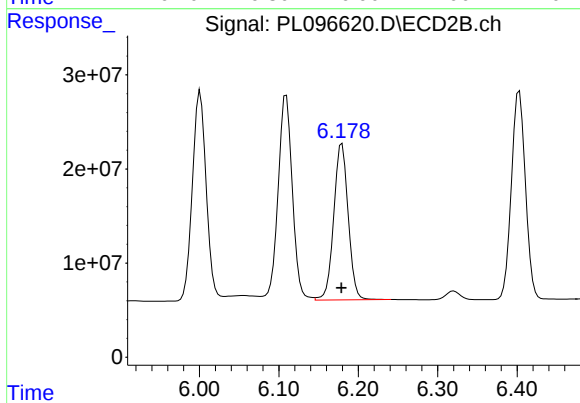
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 261562979
Conc: 51.71 ng/ml m



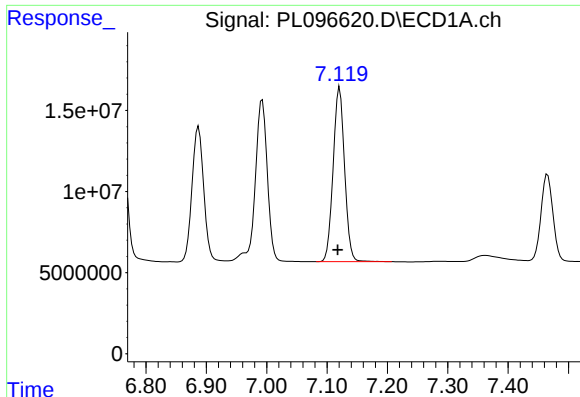
#18 Endrin aldehyde

R.T.: 6.887 min
Delta R.T.: 0.003 min
Response: 113001460
Conc: 52.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 209715833
Conc: 56.93 ng/ml



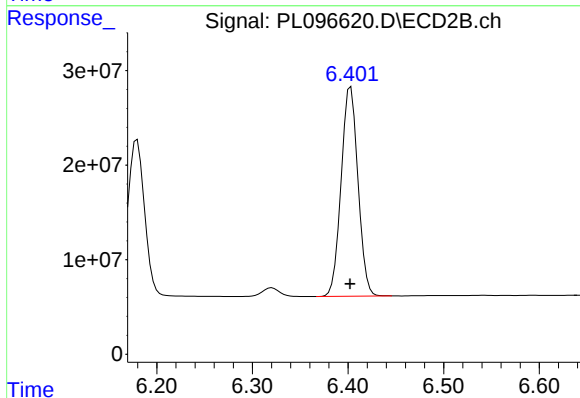
#19 Endosulfan Sulfate

R.T.: 7.121 min
Delta R.T.: 0.003 min
Response: 141487576
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

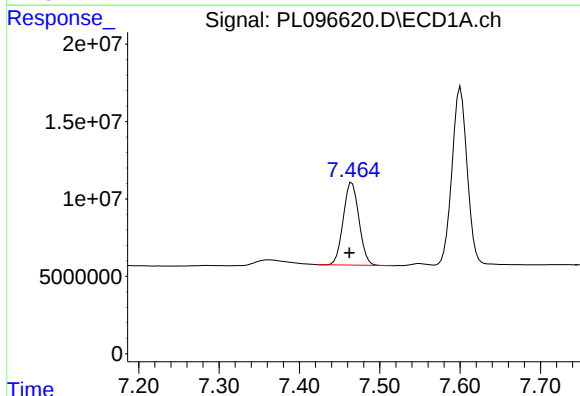
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



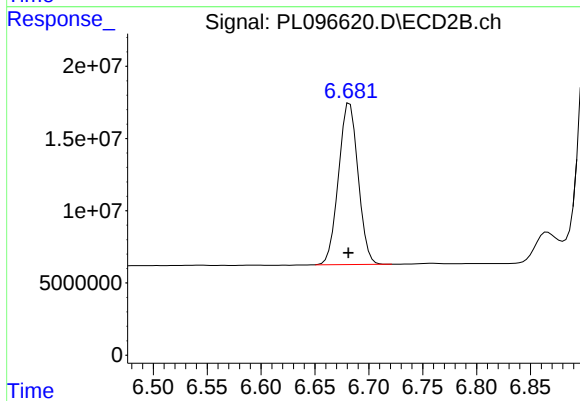
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 271833156
Conc: 53.45 ng/ml



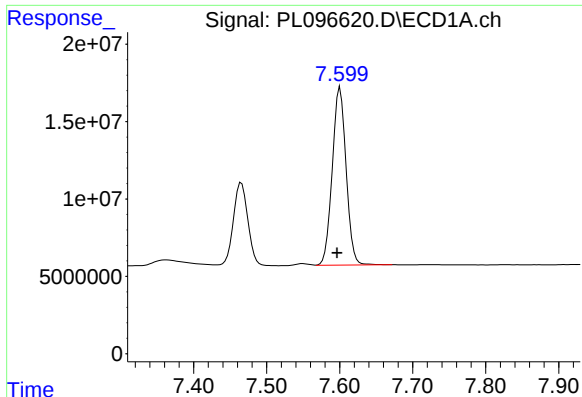
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.003 min
Response: 72483826
Conc: 49.36 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: 0.001 min
Response: 141294097
Conc: 51.56 ng/ml



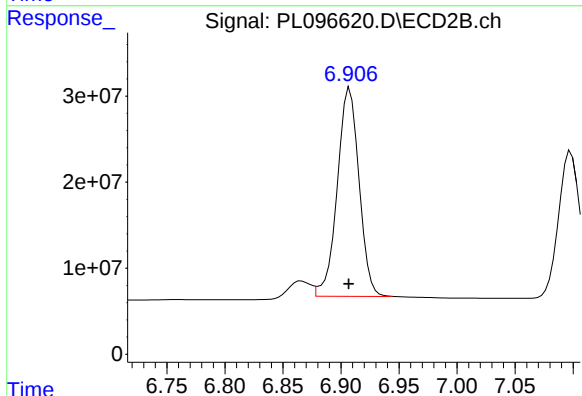
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.004 min
Response: 151437820
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

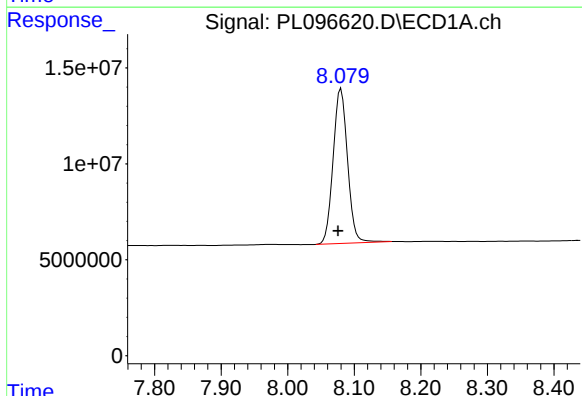
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



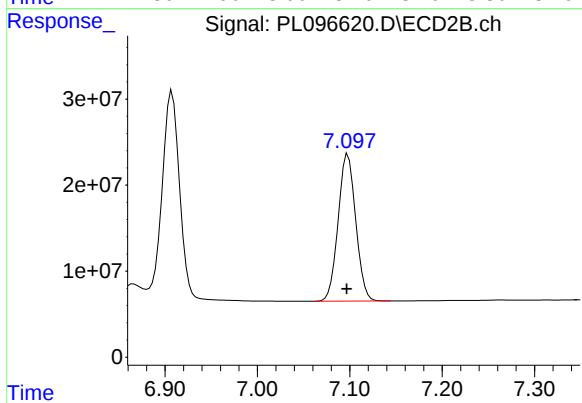
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 316007492
Conc: 56.74 ng/ml m



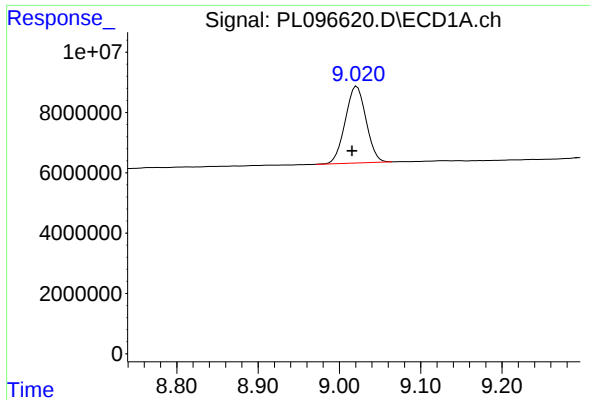
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.004 min
Response: 121374710
Conc: 48.95 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: 0.001 min
Response: 226293243
Conc: 51.89 ng/ml



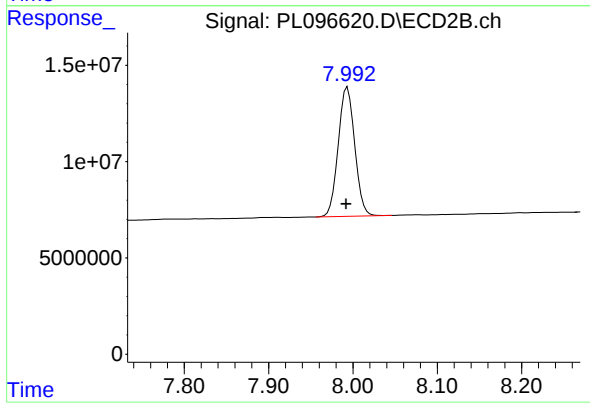
#28 Decachlorobiphenyl

R.T.: 9.021 min
Delta R.T.: 0.006 min
Response: 44999498
Conc: 18.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169003BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: 0.002 min
Response: 91406960
Conc: 21.07 ng/ml